

BLOCK 835 LOT 21.25 QUALIFICATION CODE _____ADDRESS (SITE) 1683 RT 88PERMIT NO. 04-2826

CONSTRUCTION PERMIT APPLICATION

C22-00

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 1683 RT 88
2. Name of Owner in Fee: ROBERT-SHAFF CONSTRUCTION Tel. (232) 477-4665
Address 63 CHANNEL DR ARICA UT 84723
street municipality zip code
3. Ownership in Fee: Public ☒ Private ☐
4. Principal Contractor: ROBERT-SHAFF CONSTRUCTION Tel. (232) 477-4665
Address 63 CHANNEL DR ARICA UT 84723
License No. OR, if new home, Builder Reg. No. 26779 Exp. Date 11/04
Federal Employee No. 22-352810 FAX: (232) 477-9115
5. Architect or Engineer: PAULIN PATEZ Tel. (232) 240-1181
Address 296 WILSON ST ARICA UT 84723 Contact JANE
6. Responsible Person in Charge once Work has Begun ARICA SAM ROYNDAL
Tel. (232) 477-4665 FAX: (232) 477-9115

NEW PROFESSIONAL MEDICAL BUILDING -
3 MTNS, CANNISPACE

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ 2851		
2. Electrical		410	
3. Plumbing	138	420	40
4. Fire Protection			
5. Elevator Devices	25		
6. Subtotal			
7. Less 20% for State Plan Review			
8. Subtotal			
9. State Permit Fee Surcharge	302		
10. Subtotal			
11. Cert. of Occupancy	299		
12. Other			
13. TOTAL	\$ 3145	830	40

VI. BUILDING/SITE CHARACTERISTICS

- (office use only)
- Number of Stories _____
 - Height of Structure _____ ft.
 - Area - Largest Floor _____ sq. ft.
 - New Building Area _____ sq. ft.
 - Volume of New Structure _____ cu. ft.
 - Construction Classification _____
 - Total Land Area Disturbed _____ sq. ft.
 - Flood Hazard Zone _____
 - Base Flood Elevation _____ ft.
 - Wetlands yes _____
no _____
 - Max. Live Load _____
 - Max. Occupancy Load _____

OPTIONAL (for office use only)

II. PROPOSED WORK	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
1. ☐ Minor Work								
2. ☒ New Building	120,000.00				7-1-04	KM		
3. ☐ Addition								
4. ☐ a. Repair								
☐ b. Alteration								
☐ c. Renovation								
☐ d. Reconstruction								
5. ☒ Fire Protection	5,000.00				7-2-04	FE		
6. ☐ Plumbing					7-2-04	FE		
7. ☐ Electrical					7-17-04	9304		
8. ☐ Elevator Devices								
9. ☐ Asbestos Abat. Subch. 8								
10. ☐ Lead Hazard Abatement								
11. ☐ Demolition								
TOTAL COSTS	125,000.00							

III. DO YOU WANT: (optional)

1. ☒ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs

VII. DESCRIPTION OF BUILDING USE

- A. RESIDENTIAL
- State Specific Use: _____
 - Use Group: B
 - Change in Use Group, Indicate Former: _____
 - No. of dwelling units: _____
Before Construction 0
After Construction 1
Net Gain or Loss 1
- B. NON-RESIDENTIAL
- State Specific Use: _____
 - Use Group: B
 - Change in Use Group, Indicate Former: _____

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 _____ Date _____

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 KRISTY-SHAY CASHMILLER

Address 63 CHAMBERLAIN DR

BRICK NJ 08723

Telephone (732) 777-9665

Signature [Signature]

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

Constituent Contact Report

[illegible]



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 11/15/2005
Tracking Number _____
Permit Number 04-2826
Permit Issue Date 07/12/2004

Certificate

Construction Code Division

(Certificate of Occupancy)

Identification

Work Site Location: 1683 ROUTE 88 , NJ Block: 835 Lot: 21 Qual: _____
Owner In Fee: KRISTI SHAY CONST
Owner Address: 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665
Contractor: KRISTI SHAY CONST
Address: 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____

Home Warranty Number: N/A

Type of Warranty Plan: ☒ State ☐ Private

Use Group: B Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work Use:

Comments:

NEW PROFESSIONAL MEDICAL BUILDING

☒ **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 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 Compliance**

The following conditions must be met no later than _____ or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: _____

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 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 Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
- ☐ Partial or limited time period (_____ years); see file

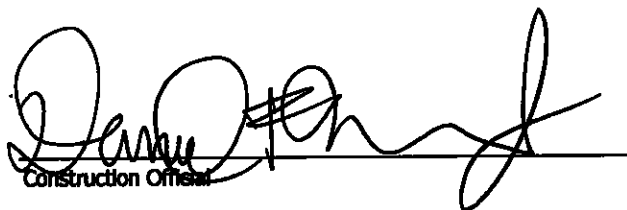
☐ **Certificate of Compliance**

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 _____

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: _____ or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: _____

Conditions to be met:


Construction Official

Fee: \$299.00
Check Number: 14733
Collected By: _____



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 1/21/2005
Tracking Number _____
Permit Number 04-2826
Permit Issue Date 7/12/2004

Certificate

Construction Code Division
(Temporary Certificate of Occupancy)

Identification

Work Site Location: 1683 ROUTE 88 , NJ Block: 835 Lot: 21
Owner In Fee: KRISTI SHAY CONST
Owner Address: 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665
Contractor KRISTI SHAY CONSTRUCTION
Address 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: 22-3528180

Home Warranty Number: N/A
Type of Warranty Plan: ☒ State ☐ Private
Use Group: B Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work Use: _____

Comments:

NEW PROFESSIONAL MEDICAL BUILDING

☐ **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 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 Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJACS: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 Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
- ☐ Partial or limited time period (years); see file

☐ **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

☒ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: 4/15/2005
Conditions to be met:

PENDING FINAL ENGINEERING APPROVAL BY 4/15/05

Failed 4/18/05 OK
Passed 11/11/05

ACC acc.
Construction Official

Fee: \$0.00



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 1/21/2005
Tracking Number _____
Permit Number 04-2826
Permit Issue Date 7/12/2004

Certificate

Construction Code Division
(Temporary Certificate of Occupancy)

Identification

Work Site Location: 1683 ROUTE 88 , NJ Block: 835 Lot: 21
Owner in Fee: KRISTI SHAY CONST
Owner Address: 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665
Contractor: KRISTI SHAY CONSTRUCTION
Address: 63 CHANNEL DR BRICK NJ 08723-
Telephone: 732/477-4665 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: 22-3528180

Home Warranty Number: N/A

Type of Warranty Plan: ☒ State ☐ Private

Use Group: B Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work Use:

Comments:

NEW PROFESSIONAL MEDICAL BUILDING

☐ **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 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 Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 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 Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

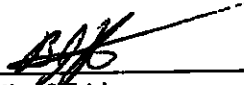
- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **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

☒ **Temporary Certificate of Occupancy**

The following conditions must be met no later than:
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: 4/15/2005
Conditions to be met:
PENDING FINAL ENGINEERING APPROVAL BY 4/15/05

 aco.
Construction Official

Fee: \$0.00

Date Printed: 1/21/2005

Page 1

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 07/12/2004
Control #
Permit # 04-2826

UCC NEW JERSEY
CONSTRUCTION
PERMITE

IDENTIFICATION Block 035 Lot 21 Qual

Short Site Location 1483 ROUTE 88
NEW COMMERCIAL BLDG/CRANL
Owner in Fee KRISTI SHAY CONSI
Address 63 CHAMBERL DR
BRICK, NJ 08723-
Telephone (732) 477-4665
Lic. No. or Bldg. Reg. No. 26379
Federal Eqp. No. 28-3528180

Is hereby granted permission to perform the following work:
(X) BUILDING () PLUMBING () LEAD HAZARD ABATEMENT
(X) ELECTRICAL (X) FIRE PROTECTION () DEMOLITION
() ELEVATOR DEVICES () ASBESTOS ABATEMENT () OTHER
(Sub-chapter 8 only)

DESCRIPTION OF WORK:
NEW PROFESSIONAL MEDICAL BUILDING/CRANL SPACE

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 \$ 125,001

[Signature]
Construction Official

07/12/2004

Date

U.C.C. F170 (rev. 3/96) NJ UCCARS 5.24c

PAYMENTS (Office Use Only)
Building 2,851
Electrical 0
Plumbing 0
Fire Protection 138
Elevator Devices 0
Other *UCC* 4
NCA State Permit Fee 302
Cert. of Occupancy 299
Other *2413* 30
Total 3,590
Check No. *48* 14723
Cash
Collected By *ERP*

#042826
BUILDING \$2851.00
FIRE \$138.00
MISC \$25.00
DCA \$302.00
C/O \$299.00
ZPA \$15.00
EPA \$15.00
CHECK \$-3645 - 00

07/12/04 8:47AM 001556#0971
#007 SERV.007

TOWNSHIP OF BOJIX
401 CHASSERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 09/23/2004
Control #
Permit # 04-28267-A
Permit Issued 07/12/2004

NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 835 Lot 21

Work Site Location 1882 ROUTE 88
PLUMBING/ELECTRICAL
Owner in Fee 18821 SHAW CONST
Address 63 CHASSERS DR
BOJIX, NJ 08723-
Telephone (732)427-4885
Contractor DIVISION ELECTRIC
Address 2807 HUNTER AVE
BOJIX, NJ 08723-
Telephone (732)920-8441
Lic. No. or Bldg. Reg. No. 6382
Federal Emp. No. 22-2101888

Is hereby granted permission to perform the following work:
☐ BUILDING ☒ PLUMBING ☐ LEAD PAINT REMOVAL
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS REMOVAL ☐ OTHER
(Schedule 8 only)
DESCRIPTION OF WORK:
ELECTRICAL WORK

Estimated Cost of Work \$ 13,800

PAYMENTS (Office Use Only)
Building _____
Electrical 110
Plumbing 120
Fire Protection 0
Elevator Devices 0
Other _____
NJ State Permit Fee 0
Cert. of Occupancy 0
Other _____
Total 830
Check No. 15114
Cash _____
Collected By _____

Construction Official
Date

09/23/04 11:25AM 001558R2963
X807 SERV.007
#2826
ELECTRIC \$410.00
PLUMBING \$420.00
CHECK \$830.00

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 10/25/2004
Control # 04-2826+C
Permit # 04-2826+C
Permit Issued 07/12/2004

UCC NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 835 Lot 21 Area

Work Site Location 1483 ROUTE 88
COMMUNICATION POINTS
Owner In Fee KRISTIL SHAY CONST
Address 43 CHAMBER DR
BRICK, NJ 08723-
Telephone (732) 471-4405

Contractor DICKSON ELECTRIC
Address 502 BRICK BLVD
BRICK, NJ 08723-
Telephone (732) 920-3441
Lic. No. or Bldg. Reg. No. 8392
Federal Exp. No. 92-06441

Is hereby granted permission to perform the following work:
☐ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter B only)
DESCRIPTION OF WORK:
COMMUNICATION POINTS

Estimated Cost of Work \$ 1,500

Construction Official

[Signature]
10/25/2004

U.C.C. F190 (rev. 3/96) NJ UCCAS 5.24E

Date

PAYMENTS (Office Use Only)
Building 0
Electrical 40
Plumbing 0
Fire Protection 0
Elevator Devices 0
Other
BCA State Permit Fee 0
Cert. of Occupancy 0
Other
Total 40
Check No. 15675
Cash
Collected By NJR

#2826
ELECTRIC
CHECK
\$40.00

10/25/04 8:11AM 001358#3679
**02 SERV.002

NJ-UCCARS 5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 04/21/2004
Date Issued 7/12/04
Control # CZ2-00
Permit # 042826

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000
Block 835 Lot 21 Qual
Work Site Location 1683 ROUTE 88
NEW COMMERCIAL BLDG/CRAWL
Owner in Fee KRISTI SHAY CONST
Address 63 CHANNEL DR
BRICK, NJ 08723-
Tele. (732) 477-4665 Fax ()
Contractor KRISTI SHAY CONSTRUCTION
Address 63 CHANNEL DR
BRICK, NJ 08723-
Tele. (732) 477-4665 Fax ()
Federal Emp. No. 22-3528180

COMMERCIAL

NEW PROFESSIONAL MEDICAL BUILDING/CRAWL SPACE
Note: ~~Basement To Be used For Storage Only. IF Sparklers are installed~~

JOB SUMMARY (Office Use Only)
PLAN REVIEW Date Initial
No Plans Req. 7-7-04 PM
All
Foundation
Frame
Other
Joint Plan Review Required:
Elect, Plum, Fire
SUBCODE APPROVAL
CO CO CA
Date: 1-19-05
Approved By: [Signature]
INSPECTIONS
Type Failure Failure Approval Initial
Foundation 8-11-04 on 4/12/04 8-4-04 8/14
Slab 11/4/04 on 11/5/04 11/24/04
Frame 11/4/04 on 11/5/04 11/24/04
Barrier Free
Insulation 1/5/04 on 4/11/04 over
Finishes
Energy
Mechanical
TCO
Other
Fins 1/24/04
Barrier Free 11/15/04

TYPE OF WORK
[X] New Building
[] Addition
[] Alteration
[] Roofing
[] Siding
[] Fence 0 Height (exceeds 6')
[] Sign 0 Sq. Ft.
[] Pool
[] Asbestos Abatement Subchapter 8
[] Lead Haz. Abatement NJAC 5:17
[] Other
Other
[] Demolition
FEE (Office Use Only)
2,831

B. BUILDING CHARACTERISTICS
Use Group Present Proposed B
Constr. Class Present Proposed
No. of Stories 1
Height of Structure 23 Ft.
Area Largest Floor 1,171 Sq. Ft.
New Bldg. Area/All Floors 3,996 Sq. Ft.
Volume of New Structure 114,048 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. \$ 120,000
2. Alteration \$ 0
3. Total (1+2) \$ 120,000
Industrialized Building:
[] State Approved
[] HUD
Paid [] Check \$ Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 2,831
DCA State Permit Fee \$ 302
U.C.C. P110 (rev. 3/96)

18/11/04 FOUND BOLTS NOT 12" FROM 2 CORNERS - FRONT
TOP BLK NOT SOLID - NOT FILLED, NO PLAN AND
NO PERIMETER DRAIN JKA

8-17-04 OK TO CONTINUE, check Crawl for Blockings
NOT DONE AND MUST NAIL BOTH SIDE

Doubles 12" OC Staggered JKA

11/4/2004 3 Sections on Plan NOW HAVE A TOTAL
OF 22 TRUSSES WITH THREE ENTRANCES REAR
REVISED PLAN ONLY ONE FIRE WALL PLAN
SHOWS TWO TRUSSES ON RISE WALLS ONLY

TRUSSES NOT BRACED Per Plan

11/5/04 Crawl area with must ch for BRKING & Doubles must
be NAILED 12" OC Staggered, also MIA TRUSSES
braced on four ends each side. EXT WALL TRUSSES ONLY
done is O.K. JKA

11/10/04 HAS PENETRATIONS IN DAMAGING WALL FROM TRUSSES
PIPE & ELEC OUTLETS
WILL HAVE TO CHECK FLOOR, MUST BLOCKING AND
NAILING ON DOUBLES JKA

11/24 Ceiling INSUL only - J

11/12 - NO CRAWL INSUL
SEVERAL BROKEN TRUSSES (were sealed
REPAIR DRAWINGS) JKA

11/17 - Above O.K. - TRUSS DRAWINGS ATTACHED J

* THIS INSPECTION FOR FINAL ITEMS ONLY
PREVIOUS ISSUES ARE NOT BEING ASSUMED
TO BE SIGNED OFF - REFER TO F.M.

TECHNICAL SECTION
SUBCODE
BUILDING
NCC NEW 183334
DATE RECEIVED 04/15/2004
353-00
PAGE 1/1

DIVISION OF INSPECTIONS
401 CHAMBERS BRIDGE RD
LOMBARD ON ELICK
11 OCTOBER 2004

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

Date Received 07/08/2004
Date Issued 07/07/1994
Control # 9-23-04
Permit # 04-2826+A

D. TECHNICAL SITE DATA (List all fixtures, etc.)

[illegible]

0	Urinal / Bidet	0
0	Bath Tub	0

0	Shower	113	0
0	Floor Drain	11	0
0			0

	0	Dishwasher	0
	0	Drinking Fountain	0
	0		0
	0		0

2	Hose Bib	20
0	Water Heater	0

6	Gas Piping	60
0	Steam Boiler	0

Sever Pump	1	0
Interceptor / Separator	1	0

Quantity	Description	Unit	Price	Total
0	Greasetrap		0	0
1	Sewer Connection		50	50
1	Water Main		50	50

0
sticks
other A/C
other 3

ADMINISTRATIVE SURCHARGE	\$	0
MINIMUM FEE	\$	0
TOTAL FEE	\$	240

Don't let it go
to the
ground

Handwritten musical notation and scribbles.

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

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



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

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

TOWNSHIP OF BRICK
401' CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

USE NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 10/12/2004
Date Issued 11/14/04
Control # C22-00
Permit # 04-4881

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

B. TECHNICAL SITE DATA (List all fixtures.)

Block 835 Lot 21
Mort Site Location 1683 ROUTE 88

TENANT PIT UP

Owner in Fee KRISTI SHAY CONST

Address 63 CHANNEL DR

BRICK, NJ 08723-

Tele. (732) 477-4665

Contractor BODE MECHANICAL

Address 312 HAYES AVE

BAVILLE, NJ 08721-

Tele. (732) 231-3300

Lic. No. or Bldrs. Reg. No. B10 8937

Federal Emp. No. 22-3640638

B. PLUMBING CHARACTERISTICS

Use Group Present B

Building Sewer Size

Water Sewer Size

Estimated Cost of Plumbing Work \$ 1,500

Proposed B

☐ Public Sewer ☐ Private Septic

☐ Public Water ☐ Private Well

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required

Joint Plan Review Required:

☐ Bldg ☐ Elect

☐ Fire ☐ Elevator

☒ Plumb. Plans Approved

Date: 11/9/04

Approved By:

SUBCODE APPROVAL

☒ CC ☐ CCO ☐ CC

Approved By:

Date: 1-18-05

INSPECTIONS

Dates (Month/Day)

Type

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

Failure Failure Approval Initial

11/10/04 BR.

11/24/05

11/24/05

11/17/04

11/24/05

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 A/C

Other

PER (Office Use Only)

20

0

0

20

0

0

20

0

0

80

0

20

0

0

0

0

0

0

0

50

50

0

40

0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 300

DCA State Permit Fee \$ 2

Paid ☐ Check \$

Collected by:

DCA State Permit Fee

Signature/Contractor Seal

☐ Licensed Plumbing Contractor ☐ Exempt Applicant

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.

NJ UCCARS 5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 04/21/2004
Date Issued 7/17/04
Control # 02200
Permit # 042822

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

Block 835 Lot 21 Qual
Work Site Location 1683 ROUTE 88
NEW COMMERCIAL BLDG/CRANL
Owner in Fee KRISTI SHAY CONST
Address 63 CHANNEL DR
BRICK, NJ 08723-
Tele. (732) 477-4665
Contractor KRISTI SHAY CONSTRUCTION
Address 63 CHANNEL DR
BRICK, NJ 08723-
Tele. (732) 477-4665
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-3528180

COMMERCIAL

8. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed
Constr Class Present Proposed
Heating Systems [X] New [] Existing [] HVAC
Type: [X] Gas [] Oil [] Elect [] Solar
[] Other
Location: ATTIC
Total Est Cost of Fire Prot Work \$ 5,000

JOB SUMMARY (Office Use Only)

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

Fire Plans Approved
Date: 7-20-04
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 1-12-05
Approved By: [Signature]

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/Supr 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) 0
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 0

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
Mat 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 [] or Oil [] Fired Appliances 0
Other 3 FURNACES 138
Other 0

Paid [] Check \$
Collected by: TOTAL FEE \$ 138
DCA State Permit Fee \$ 0
Administrative Surcharge \$ 0
Minimum Fee \$ 0

B
56
60000000

CFM
72000

FEE (Office Use Only)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION
Date Received 05/13/2004
Date Issued 07/23/2004
Control #
Permit # 04-282644

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

Block 835 Lot 21 Qual
Work Site Location 1683 ROUTE 88

PLUMBING/ELECTRICAL

Owner in Fee KRISTI SHAY CONST
Address 63 CHANNEL DR
BRICK, NJ 08723-

Tele. (732) 477-4665
Contractor DICKSON ELECTRIC
Address 2597 HOOPER AVE
BRICK, NJ 08723-

Tele. (732) 920-6441
Lic. No. or Bids. Reg. No. 8392
Federal Emp. No. 22-2707689

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed B
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 35,000

JOB SUMMARY (Office Use Only)

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

Date:
Approved By:
SUBCODE APPROVAL
[] CD [] CDD [] CA
Date: 1/20/05
Approved By: JNL

INSPECTIONS
Type Dates (Month/Day)
Rough 11 09/11/04
Temp Serv 4 12/04/04
Const Serv 2 12/04/04
TCD 3 12/04/04
Other 11 3006/04

Service Final
Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
40		Lighting Fixtures	
30		Receptacles	
30		Switches	
0		Detectors	
3		Light Poles	
0		Motors-Fract HP	
12		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
121		TOTAL NUMBERS	55
0		Pool Permit/with UM 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 Elect Dryer/Receptacle	0
0		KW Dishwasher	0
0		HP Garbage Disposal	0
0		KW Central A/C Unit	30
3		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	125
1		AMP Subpanels	200
4		AMP Motor Control Center	0
0		KW Elect Sign/Outline Light	0
3		Other	0
1		Other	0

Paul Ladd
Depth is 1000 way
entire

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 [X] Check \$ 15414
Collected by: JNL
Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 410
DCA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 05/13/2004
Date Issued 04/21/2004
Control # 4-23-04
Permit # 04-2826+A

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

Block 835 Lot 21
Work Site Location 1683 ROUTE 98

Owner in Fee KRISTI SHAY CONST
Address 63 CHANNEL DR
BRICK, NJ 08723

Tele (732) 477-4665

Contractor DICKSON ELECTRIC
Address 2591 HOOVER AVE
BRICK, NJ 08723-6838

Tele (732) 920-6856

Lic. No. or Bldgs. Reg. No. 8392
Federal Emp. No. 22-2707689

D. TECHNICAL SITE DATA

NO. SIZE ITEM

40 Lighting Fixtures
30 Receptacles
30 Switches
0 Detectors
3 Light Poles
0 Motors-Pract HP

12 Emergency & Exit Lights
0 Communications Points
0 Alarm Devices/F.A.C. Panel

121 TOTAL NUMBERS

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

0

0

0

0

0

0

0

0

0

0

0

0

FEE (Office Use Only)

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

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.

Applicant's Signature/Contractor's Seal and Signature

[] Licensed Electrical Contractor [] Exempt Applicant

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
Elect Plans Approved
Date: 4/20/04
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 4/20/04
Approved By: [Signature]

INSPECTIONS	Dates (Month/Day)	Initial
Type	11-1-04	20
Rough		
Temp Serv		
Const Serv		
TCO		
Other		
Service		
Final		
Temp. Cut-in-Card Date Issued	4/20/04	
Final Cut-in-Card Date Issued		

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 0

DCA State Permit Fee \$ 0

NJ UCCARS5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 08/26/2004
Date Issued 04/01/1994
Control #
Permit # 04-2826+C 10-25-04

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

Block 835 Lot 21 Qual
Work site location 1683 ROUTE 88
COMMUNICATION POINTS

Owner in Fee KRISTI SHAY CONST
Address 63 CHANNEL DR
BRICK, NJ 08723-

Tele. (732) 477-4665
Contractor DICKSON ELECTRIC
Address 503 BRICK BLVD
BRICK, NJ 08723-

Tele. (732) 920-6441
Lic. No. or Bldrs. Reg. No. 8392
Federal Emp. No. 92-06441

B. ELECTRICAL CHARACTERISTICS
Use Group - Present Proposed B
[] Pole/Ped [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 1,500

JOB SUMMARY (Office Use Only)
PLAN REVIEW

☒ No Plans Required
Joint Plan Review Required:

[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 9 30 04

Approved By: MM
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 1 20 05
Approved By: MM

D. TECHNICAL SITE DATA
NO. SIZE

ITEM	NO.	SIZE	ITEM	NO.	SIZE
Lighting Fixtures	0		Receptacles	0	
Switches	0		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	16	
Pool Permit/with UV Lights	0		Storage Pool/Spa/Hot Tub	0	
KW Elect Range/Receptacle	0		KW Oven/Surface Unit	0	
KW Elect Water Heater	0		KW Elect Dryer/Receptacle	0	
KW Dishwasher	0		HP Garbage Disposal	0	
KW Central A/C Unit	0		HP/KW Space Heater/Air Handler	0	
Baseboard Heat	0		HP Motors 1/+ HP	0	
KW Transformer/Generator	0		ANP Service	0	
ANP Subpanels	0		ANP Motor Control Center	0	
KW Elect Sign/Outline Light	0		Other	0	
Other	0				

FEE (Office Use Only)

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: TOTAL FEE
Administrative Surcharge \$ 0
Minimum Fee \$ 5
TOTAL FEE \$ 40
DCA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE

TECHNICAL SECTION

Date Received 11/05/2004
Date Issued 11/05/2004
Control #
Permit # 04-2826+P

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

NO. SIZE ITEM FEE (Office Use Only)

Block 835 Lot 21 Qual

Lighting Fixtures

Work Site Location 1683 ROUTE 88

Receptacles

Owner in Fee KRISTI SHAY CONST

Switches

Address 63 CHANNEL DR

Detectors

BRICK, NJ 08723-

Light Poles

Tele. (732) 477-4665

Motors-Fract HP

Contractor COMMUNICATIONS TECHNOLOGIES &

Emergency & Exit Lights

Address 516 RIVERSIDE AVE

Communications Points

TOMS RIVER, NJ 08754-

Alarm Devices/P.A.C. Panel

Tele. (732) 300-9864

TOTAL NUMBERS

Lic. No. or Bldrs. Reg. No. 785

Pool Permit/with UV Lights

Federal Emp. No.

Storable Pool/Spa/Hot Tub

B. ELECTRICAL CHARACTERISTICS

KW Elect Range/Receptacle

Use Group - Present Proposed B

KW Oven/Surface Unit

[] Pole/Pad [] Temporary [] Other

KW Elect Water Heater

Building Occupied as Utility Co.

KW Elect Dryer/Receptacle

Estimated Cost of Electrical Work \$

KW Dishwasher

JOB SUMMARY (Office Use Only)

HP Garbage Disposal

PLAN REVIEW

KW Central A/C Unit

[] No Plans Required

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:

AMP Subpanels

Approved By:

AMP Motor Control Center

SUBCODE APPROVAL

KW Elect Sign/Outline Light

[] CO [] CCO [] CA

other

Date:

Temp. Cut-in-Card Date Issued

Approved By:

Final Cut-in-Card Date Issued

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA State Permit Fee \$

** Transmit Conf. Report **

P.1

Nov 8 2004 15:43

Telephone Number	Mode	Start	Time	Page	Result	Note
7328925828	NORMAL	8:15:42	0'36"	1	* OK	

MUNICIPALITY BricktownLOCATION 189 South DRBLK 945 LOT 17UTILITY CO PP

CUT-IN-CARD

OWNER Draciv

OCCUPANT

"Installation in the above premises has been inspected and is in accordance with N.E.C., utility and DCA requirements."

☐ FINAL ☒ TEMPORARY This approval void after _____ days

DESCRIPTION OF SERVICE

100 amp temp pole overheadINSTALLED BY V.A. Mar EledLICENSE NO. 12680DATE 11-8-04PERMIT # 04-0656INSPECTOR MM
☐ CALLED IN 1/1
Lic. No. 6455

U.C.C. Form F-300B 1 WARE-UTILITY 2 CARRY-OFF/PALE 3 PER-OFF/CONTRACTOR

MUNICIPALITY

Bricktown

CUT-IN-CARD

LOCATION

1683 Rt 88BLK 935LOT 21UTILITY CO PPOWNER Kristi Shary

OCCUPANT

"Installation in the above premises has been inspected and is in accordance with N.E.C., utility and DCA requirements."

☐ FINAL ☒ TEMPORARY This approval void after _____ days

DESCRIPTION OF SERVICE

400 amp serviceINSTALLED BY Action EledLICENSE NO. 9392DATE 11-8-04PERMIT # 04-282448INSPECTOR MM
☐ CALLED IN 1/1
Lic. No. 6455MUNICIPALITY BricktownLOCATION 1494 Daybreak COWNER Fake River inc

"Installation in the above p in accordance with N.E.C

☐ FINAL ☒ TEMPORARY This approval void

DESCRIPTION OF SERVICE

200 ampINSTALLED BY Everett EledDATE 11-8-04PERMIT # 04
☐ CALLED IN 1/1

U.C.C. Form F-300B 1 WARE-UTILITY 2 CARRY-OFF

MUNICIPALITY

Bricktown

LOCATION

163 AdamsOWNER Home West Homes

"Installation in the above p in accordance with N.E.C

☐ FINAL ☒ TEMPORARY This approval void

DESCRIPTION OF SERVICE

200INSTALLED BY SS EledDATE 11-8-04PERMIT 04
☐ CALLED IN 1/1

**Township of Brick
Zoning Permit**

Approved:

Thursday, April 22, 2004

Number:

507

Block

835

Lot

21-25

Zone:

B-1, Neighbor. Bus.

Property Address:

1683 Route 88

Applicant:

Samuel J. Reynolds; Kristi Shay Construction

Property Owner

Kristi Shay Construction

Existing Use:

Vacant lot.

Proposed Use:

Medical facility building.

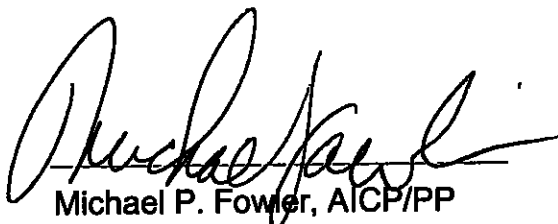
Proposed Construction:

One-story medical facility building; 3,996 square feet, 23' high.

Conditions:

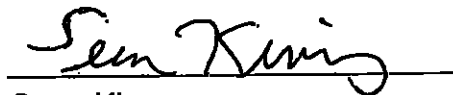
Site plan approved by the Planning Board.
Case No. PB-2356-PSP/FSP-2/01.
Resolution No. R-7-02 adopted on January 9, 2002.
Maps signed on February 27, 2004.
The basement is approved for storage only.
No people are allowed to work in the basement.
No bathroom, lunchroom, or office is permitted in the basement.

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.



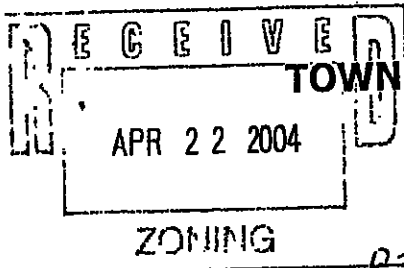
Michael P. Fowler, AICP/PP

Municipal Planner



Sean Kinnevy

Zoning Officer



TOWNSHIP OF BRICK ZONING PERMIT APPLICATION

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

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

BLOCK P35 LOT 21125 QUALIFIER _____

PROPERTY ADDRESS 1683 DT FR

PERSONAL NAME OF APPLICANT Samuel J. Reynolds

BUSINESS NAME OF APPLICANT Kristi Shay Construction, Inc.

MAILING ADDRESS OF APPLICANT 63 Channel Dr. Brick 08723

PROPERTY OWNER'S FULL NAME KRISTI-SHAY CONSTRUCTION

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) 1 STORY PROFESSIONAL MEDICAL BLDG

PROPOSED CONSTRUCTION (check all that apply)

- ☒ New Building (please describe) PROFESSIONAL MEDICAL BLDG Height 23'
☐ Addition - Height 3 BATHS CRAWLSPACE
☐ Alteration
☐ Porch or deck - Height _____
☐ Shed - Height _____
☐ Fence - Type _____ Height _____
☐ 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.

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 [Signature] Date 4/20/04

Reviewed by Zoning Office [Signature] Date 4/22/04 (X) Approved () Denied

COMMERCIAL



PRAVIN H. PATEL ASSOCIATES, INC.
P.O. BOX 5174 246 WASHINGTON STREET
TOMS RIVER, NJ 08754-5174
PHONE: 732-244-1181 FAX: 732-244-6048

FACSIMILE TRANSMITTAL

TO: (COMPANY)

Kristie Shea Construction, Inc.

FROM: (NAME)

Pankaj I. JaniATTENTION: MichaelSUBJECT: Medical Office BuildingFAX NO: 732-477-9115PROJECT NO: 04535DATE: July 8, 2004TIME: 2:55 p.m.NUMBER OF PAGES (INCLUDING COVER SHEET): 1 SENT BY: Michele Jarvis

HARD COPY SENT BY MAIL: YES NO

COPY TO PROJECT FILE : YES NO

ADDITIONAL FAX COPIES SENT TO: _____

REMARKS: Please be advised that 3 #4 rebar in lieu of 4 #3 rebar at C.M.U. pier is adequate.

The information contained in this facsimile message is Client/Professional privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address via the U.S. Postal Service.

stable TO Tech

Aug. 5. 2004 3:18PM

KRISTI SHAY

No. 4286

P. 1/2

KRISTI SHAY Construction LLC



63 Channel Drive Brick, NJ 08723
Phone: 732-477-4665 Fax: 732-477-9115

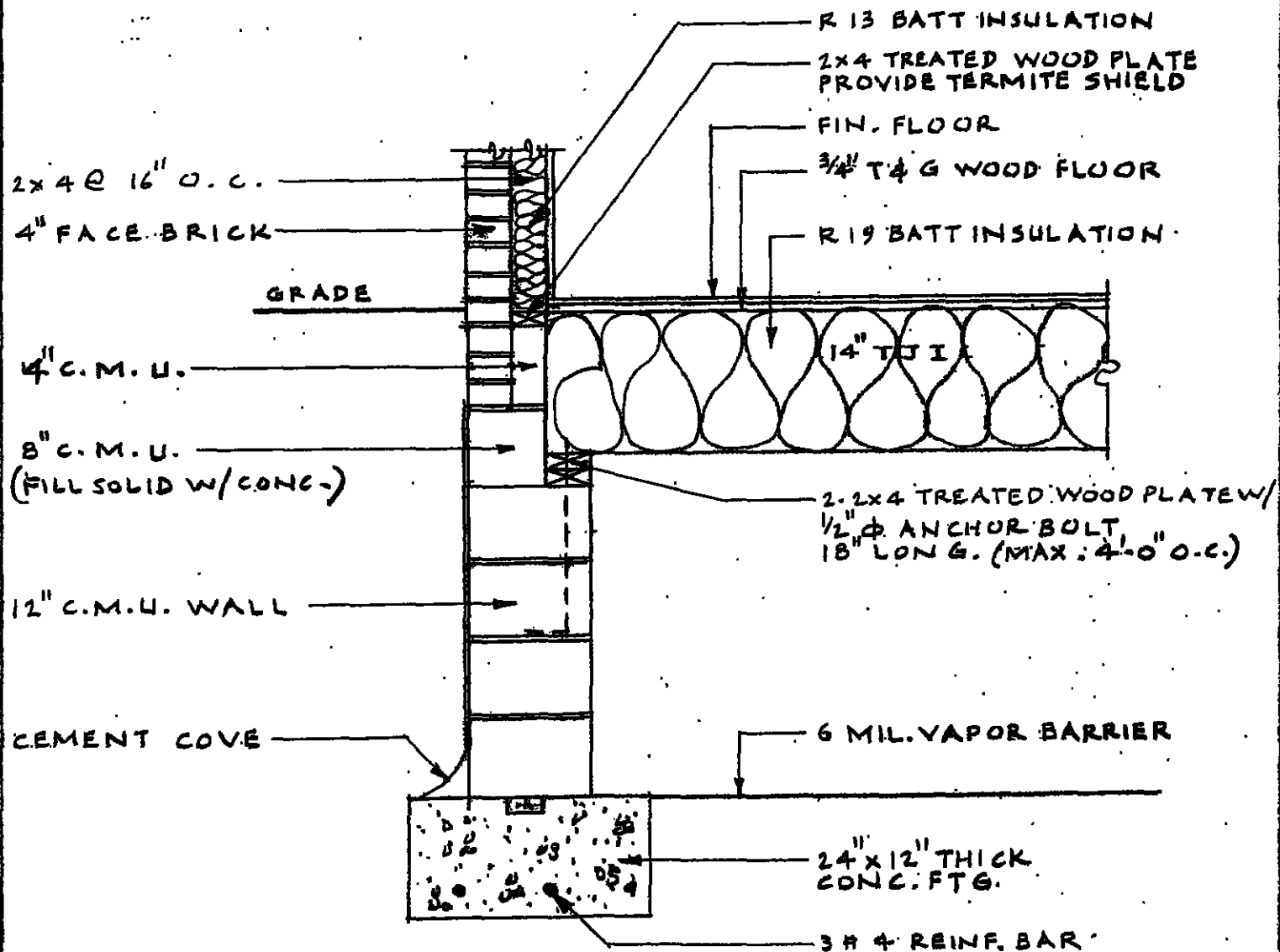
Fax

To: JUDY- BUDG DEPT From: ~~Samuel J. Reynolds~~ MICHAEL
Fax: _____ Pages: 1
Phone: _____ Date: 8/5/04
Re: _____ CC: _____

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments

8/16/04
Sealed Copy IN File



TYP. SECTION

SCALE: 3/4" = 1' - 0"

ROUTE 88 PROFESSIONAL BUILDING
LOT 21 & 25 BLOCK 835
TOWNSHIP OF BRICK
OCEAN COUNTY, N. J.

P-1-Jam

PRAVN H. PATEL ASSOCIATES, INC.
ENGINEERS ARCHITECTS SURVEYORS

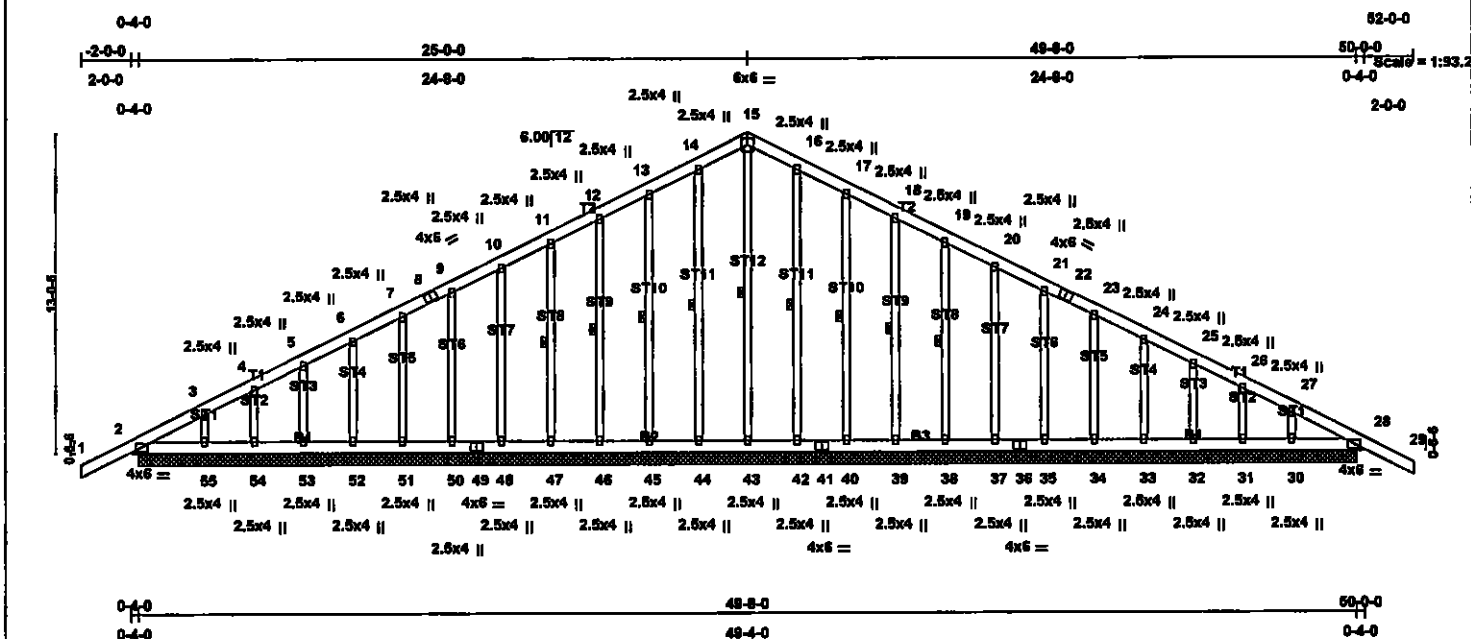
246 WASHINGTON ST. P.O. 5174
TOMS RIVER, NEW JERSEY 08754-5174
(732) 244-1181 FAX: (732) 244-6048

OWNERSHIP OF DOCUMENTS		
This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property and copyright of PRAVH H. PATEL ASSOCIATES, INC. and is not to be used or copied, in whole or in part, for this or any other project without the written authorization of PRAVH H. PATEL ASSOCIATES, INC.		
DES.	DATE 8-2-04	SCALE:
DRG. P I J	PROJECT # 04535	SHEET 5K-1

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	G1	GE 24	1	1	Job Reference (optional)

84 Components, Pennington, NJ 08534

5:200 s Sep 15 2003 Mittek Industries, Inc. Mon May 03 16:48:50 2004 Page 1



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.26	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.13	Vert(TL)	-0.03	29	>767	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.26	Horz(TL)	0.01	28	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95		(Matrix)						Weight: 366 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2 X 4 SPF Stud *Except*	WEBS 1 Row at midpt
ST12 2 X 4 SPF No.2, ST11 2 X 4 SPF No.2	
ST10 2 X 4 SPF No.2, ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2	
ST7 2 X 4 SPF No.2, ST11 2 X 4 SPF No.2	
ST10 2 X 4 SPF No.2, ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2	
ST7 2 X 4 SPF No.2	

REACTIONS (lb/size)	2=413/49-4-0, 43=192/49-4-0, 44=214/49-4-0, 45=222/49-4-0, 46=220/49-4-0, 47=220/49-4-0, 48=217/49-4-0, 50=211/49-4-0, 51=222/49-4-0, 52=220/49-4-0, 53=219/49-4-0, 54=223/49-4-0, 55=224/49-4-0, 42=209/49-4-0, 40=216/49-4-0, 39=221/49-4-0, 38=220/49-4-0, 37=217/49-4-0, 35=211/49-4-0, 34=222/49-4-0, 33=220/49-4-0, 32=219/49-4-0, 31=223/49-4-0, 30=224/49-4-0, 28=413/49-4-0
Max Horz 2=455(load case 8)	
Max Uplift 2=-29(load case 6), 44=-22(load case 8), 45=-75(load case 8), 46=-67(load case 8), 47=-63(load case 8), 48=-70(load case 8), 50=-67(load case 8), 51=-65(load case 8), 52=-67(load case 8), 53=-60(load case 8), 54=-86(load case 8), 55=-33(load case 10), 42=-17(load case 9), 40=-80(load case 9), 39=-67(load case 9), 38=-64(load case 9), 37=-70(load case 9), 35=-67(load case 9), 34=-65(load case 9), 33=-67(load case 9), 32=-60(load case 9), 31=-86(load case 9), 30=-33(load case 10), 28=-28(load case 9)	
Max Grav 2=595(load case 2), 43=194(load case 3), 44=303(load case 2), 45=314(load case 2), 46=308(load case 2), 47=308(load case 2), 48=307(load case 2), 50=299(load case 2), 51=311(load case 2), 52=309(load case 2), 53=306(load case 2), 54=317(load case 2), 55=304(load case 2), 42=287(load case 3), 40=309(load case 3), 39=310(load case 3), 38=308(load case 3), 37=307(load case 3), 35=299(load case 3), 34=311(load case 3), 33=309(load case 3), 32=306(load case 3), 31=317(load case 3), 30=304(load case 3), 28=595(load case 3)	

FORCES (lb) - Maximum Compression/Maximum Tension	
TOP CHORD	1-2=0/129, 2-3=-393/31, 3-4=-329/16, 4-5=-271/31, 5-6=-216/56, 6-7=-160/88, 7-8=-103/112, 8-9=-94/120, 9-10=-101/152, 10-11=-103/184, 11-12=-102/240, 12-13=-102/312, 13-14=-104/388, 14-15=-102/426, 15-16=-102/426, 16-17=-104/388, 17-18=-102/312, 18-19=-102/240, 19-20=-103/170, 20-21=-101/101, 21-22=-44/70, 22-23=-103/62, 23-24=-109/38, 24-25=-165/19, 25-26=-221/19, 26-27=-279/16, 27-28=-351/31, 28-29=0/129
BOT CHORD	2-55=0/0, 54-55=0/0, 53-54=0/0, 52-53=0/0, 51-52=0/0, 50-51=0/0, 49-50=0/0, 48-49=0/0, 47-48=0/0, 46-47=0/0, 45-46=0/0, 44-45=0/0, 43-44=0/0, 42-43=0/0, 41-42=0/0, 40-41=0/0, 39-40=0/0, 38-39=0/0, 37-38=0/0, 36-37=0/0, 35-36=0/449, 34-35=0/449, 33-34=0/449, 32-33=0/449, 31-32=0/449, 30-31=0/449, 28-30=0/449
WEBS	15-43=-187/0, 14-44=-263/46, 13-45=-274/138, 12-46=-269/125, 11-47=-267/121, 10-48=-273/124, 9-50=-264/120, 7-51=-270/123, 6-52=-269/122, 5-53=-269/121, 4-54=-263/127, 3-55=-298/119, 16-42=-263/44, 17-40=-274/138, 18-39=-269/125, 19-38=-267/121, 20-37=-273/124, 21-35=-264/120, 23-34=-270/123, 24-33=-269/122, 25-32=-269/121, 26-31=-263/127, 27-30=-298/119

JOB 1132714	Truss G1	Truss Type GE 24	Qty 1	Ply 1	KRISTI SHAY 4/22 Job Reference (optional)
----------------	-------------	---------------------	----------	----------	--

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:48:51 2004 Page 2

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=8.0psf; BCDL=6.0psf; Category II; Exp. C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TCDL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 2, 22 lb uplift at joint 44, 75 lb uplift at joint 45, 67 lb uplift at joint 46, 63 lb uplift at joint 47, 70 lb uplift at joint 48, 67 lb uplift at joint 50, 65 lb uplift at joint 51, 67 lb uplift at joint 52, 60 lb uplift at joint 53, 86 lb uplift at joint 54, 33 lb uplift at joint 55, 17 lb uplift at joint 42, 80 lb uplift at joint 40, 67 lb uplift at joint 39, 64 lb uplift at joint 38, 70 lb uplift at joint 37, 67 lb uplift at joint 35, 65 lb uplift at joint 34, 67 lb uplift at joint 33, 60 lb uplift at joint 32, 86 lb uplift at joint 31, 33 lb uplift at joint 30 and 28 lb uplift at joint 28.
- 10) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

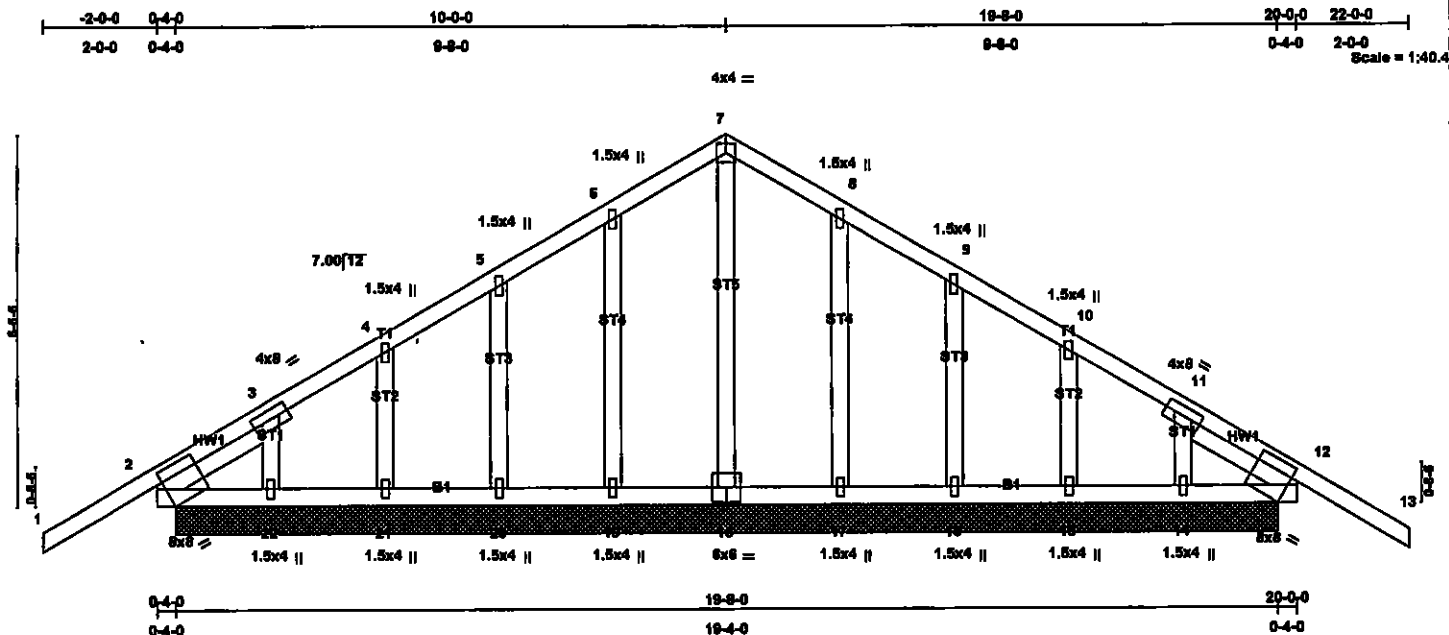


Plate Offsets (X,Y): [2:0-1-11,0-2-15], [8:0-3-0,0-1-0], [9:0-3-0,0-1-0], [10:0-3-0,0-1-0], [11:0-2-0,0-2-0], [12:0-1-11,0-2-15], [14:0-2-0,0-1-0], [15:0-2-0,0-1-0], [16:0-2-0,0-1-0], [17:0-2-0,0-1-0]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.81	Vert(LL)	n/a	n/a	999	M1120	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.20	Vert(TL)	-0.09	13	>260		
BCLL 0.0	Rep Stress Incr NO	WB 0.15	Horz(TL)	0.01	12	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)					Weight: 95 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud
SLIDER Left 2 X 4 SPF Stud 2-2-3, Right 2 X 4 SPF Stud 2-2-3

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

REACTIONS (lb/size) 2=391/19-4-0, 18=191/19-4-0, 19=220/19-4-0, 20=217/19-4-0, 21=235/19-4-0, 22=121/19-4-0, 17=220/19-4-0, 16=217/19-4-0, 15=235/19-4-0, 14=121/19-4-0, 12=391/19-4-0
Max Horz 2=-239(load case 6)
Max Uplift 2=-79(load case 8), 19=-70(load case 8), 20=-74(load case 8), 21=-85(load case 8), 22=-87(load case 10), 17=-66(load case 9), 16=-75(load case 9), 15=-85(load case 9), 14=-87(load case 10), 12=-125(load case 9)
Max Grav 2=547(load case 2), 18=191(load case 1), 19=312(load case 2), 20=293(load case 2), 21=323(load case 2), 22=158(load case 2), 17=312(load case 3), 16=293(load case 3), 15=323(load case 3), 14=158(load case 3), 12=547(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-215/170, 3-4=-148/143, 4-5=-102/137, 5-6=-91/172, 6-7=-96/205, 7-8=-96/203, 8-9=-91/145, 9-10=-93/80, 10-11=-87/48, 11-12=-162/66, 12-13=0/109
BOT CHORD 2-22=-28/176, 21-22=-28/176, 20-21=-28/176, 19-20=-28/176, 18-19=-28/176, 17-18=-28/176, 16-17=-28/176, 15-16=-28/176, 14-15=-28/176, 12-14=-28/176
WEBS 7-18=-151/0, 6-19=-271/94, 5-20=-256/99, 4-21=-272/104, 3-22=-157/80, 8-17=-271/90, 9-16=-256/101, 10-15=-272/103, 11-14=-157/72

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Mittek "Standard Gable End Detail"
 - 3) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) Gable studs spaced at 2-0-0 oc.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 2, 70 lb uplift at joint 19, 74 lb uplift at joint 20, 85 lb uplift at joint 21, 87 lb uplift at joint 22, 66 lb uplift at joint 17, 75 lb uplift at joint 16, 85 lb uplift at joint 15, 87 lb uplift at joint 14 and 125 lb uplift at joint 12.
 - 10) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

JOB 1132714	Truss GR1	Truss Type GIRDER	Qty 1	Ply 4	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:48:57 2004 Page 1		

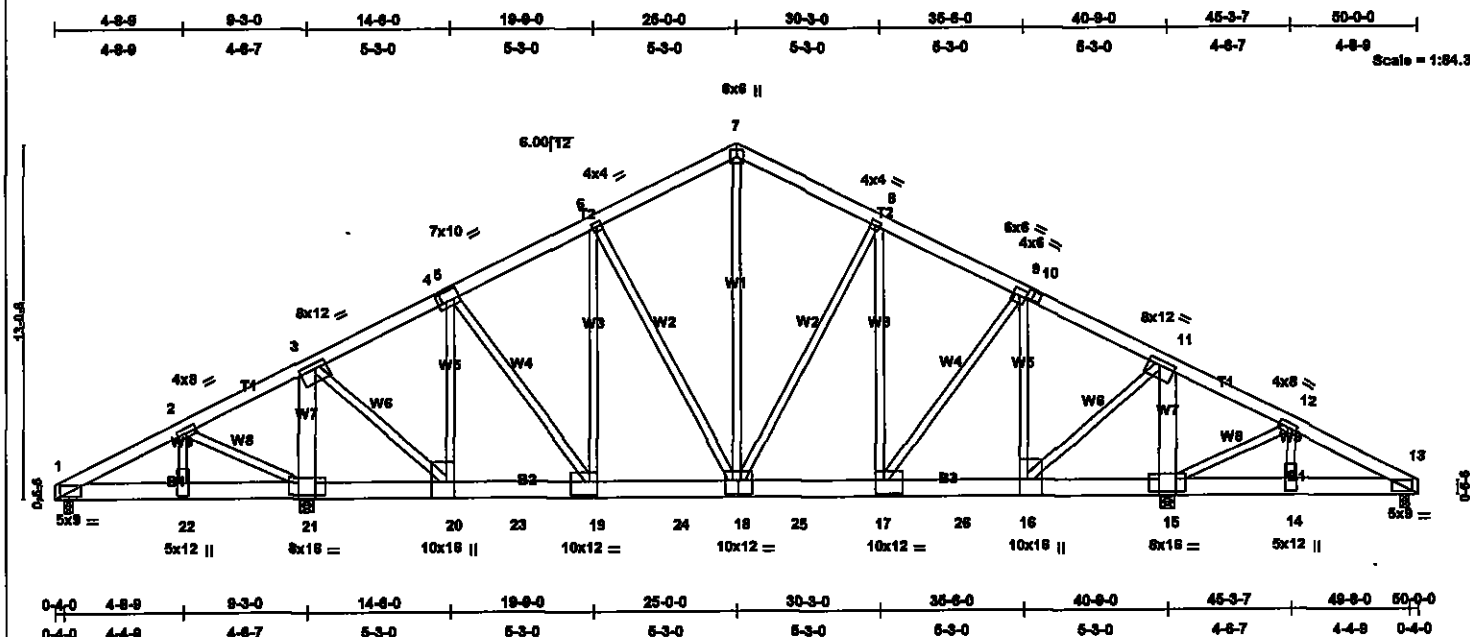


Plate Offsets (X,Y): [3:0-5-0,0-2-4], [4:0-2-8,0-4-8], [10:0-2-8,0-2-0], [11:0-5-0,0-2-4], [15:0-4-4,0-5-12], [16:0-7-4,Edge], [17:0-3-8,0-6-4], [18:0-6-0,0-6-4], [19:0-3-8,0-6-4], [20:0-7-4,Edge], [21:0-4-4,0-5-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.39	Vert(LL)	-0.21 18-19	>999	240	Mill20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.82	Vert(TL)	-0.28 18-19	>999	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.92	Horz(TL)	0.04 13	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 1613 lb	

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP No.1
WEBS
2 X 4 SPF Stud *Except*
W7 2 X 8 SYP No.1, W6 2 X 4 SPF 2100F 1.8E
W4 2 X 4 SPF No.2, W3 2 X 4 SPF No.2, W2 2 X 4 SPF No.2
W1 2 X 4 SPF 1650F 1.5E, W2 2 X 4 SPF No.2
W3 2 X 4 SPF No.2, W4 2 X 4 SPF No.2
W6 2 X 4 SPF 2100F 1.8E, W7 2 X 8 SYP No.1

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 20-21,15-16.

REACTIONS (lb/size) 1=3178/0-4-0, 13=3189/0-4-0, 21=32827/0-6-0, 15=32811/0-6-0
Max Horz 1=270(load case 7)
Max Uplift 1=408(load case 8), 13=412(load case 8), 21=4444(load case 7), 15=4395(load case 8)
Max Grav 1=4214(load case 2), 13=4228(load case 3), 21=42578(load case 2), 15=42558(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-871/130, 2-3=-867/8185, 3-4=-14707/1570, 4-5=-14411/1573, 5-6=-19442/2099, 6-7=-17652/2008, 7-8=-17752/1894, 8-9=-19427/2102, 9-10=-14430/1555, 10-11=-14726/1552, 11-12=-861/8159, 12-13=-901/46
BOT CHORD 1-22=-149/764, 21-22=-149/764, 14-15=0/790, 13-14=0/790, 20-21=-7138/970, 20-23=-1278/12944, 19-23=-1278/12944, 19-24=-1660/17259, 18-24=-1660/17259, 18-25=-1571/17246, 17-25=-1571/17246, 17-26=-1156/12962, 16-26=-1156/12962, 15-16=-7114/920
WEBS 2-22=-698/7340, 2-21=-8881/1004, 3-21=-28612/3036, 3-20=-2689/26695, 5-20=-8676/938, 5-19=-684/7424, 6-19=-311/3068, 6-18=-3147/466, 7-18=-1615/14838, 8-18=-2994/470, 8-17=-316/2899, 9-17=-706/7372, 9-16=-8619/903, 11-16=-2644/26687, 11-15=-28602/2988, 12-15=-8884/1006, 12-14=-699/7343

NOTES

- 4-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 8 - 4 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc.
Attach chords with 1/2 inch diameter bolts (ASTM A-307) with washers at 2-0-0 on center.
- All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- Bearing at joint(s) 21, 15 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 408 lb uplift at joint 1, 412 lb uplift at joint 13, 4444 lb uplift at joint 21 and 4395 lb uplift at joint 15.

LOAD CASE(S) Standard

Continued on page 2

JOB 1132714	Truss GR1	Truss Type GIRDER	Qty 1	Ply 4	KRISTI SHAY 4/22 Job Reference (optional)
----------------	--------------	----------------------	----------	----------	--

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:48:57 2004 Page 2

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-7=-90, 7-13=-90, 1-20=-1351(F=-1331), 13-16=-1351(F=-1331), 20-23=-1391(F=-1331), 19-23=-1351(F=-1331), 19-24=-1391(F=-1331),
24-25=-1351(F=-1331), 17-25=-1391(F=-1331), 17-26=-1351(F=-1331), 16-26=-1391(F=-1331)

JOB 1132714	Truss GR2	Truss Type GIRDER	Qty 1	Ply 2	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:48:58 2004 Page 1		

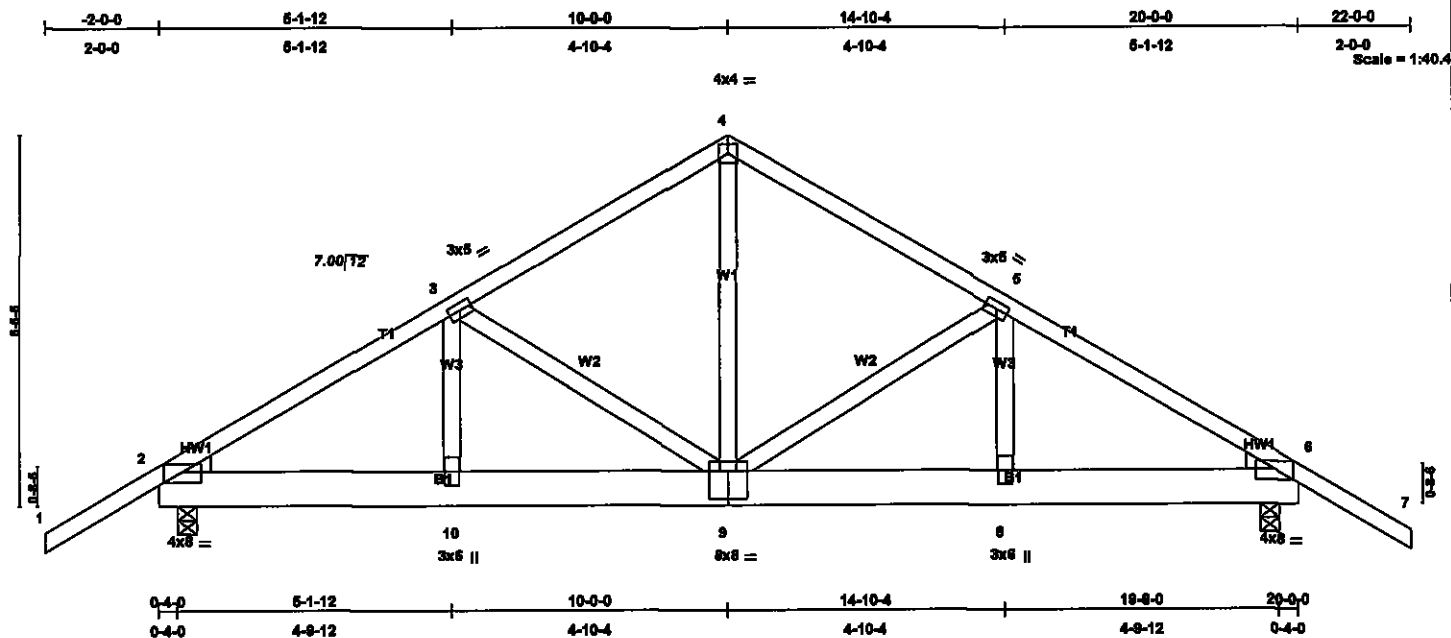


Plate Offsets (X,Y): [2:0-4-0,0-2-5], [6:0-4-0,0-2-5], [8:0-3-0,0-0-4], [9:0-4-0,0-6-0]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.47	Vert(LL)	-0.05	8-9	>999	M120	197/144
TCDL 15.0	Plates Increase 1.15	BC 0.45	Vert(TL)	-0.09	8-9	>999		
BCLL 0.0	Lumber Increase 1.15	WB 0.49	Horz(TL)	0.02	6	n/a		
BCDL 10.0	Rep Stress Incr NO	(Matrix)						
	Code IBC2000/ANSI95						Weight: 240 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 8 SYP No.1
WEBS 2 X 4 SPF Stud
WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

BRACING
TOP CHORD Sheathed or 5-11-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=2555/0-4-0, 6=2555/0-4-0
Max Horz 2=-234(load case 5)
Max Uplift 2=477(load case 7), 6=477(load case 8)
Max Grav 2=3266(load case 2), 6=3266(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/129, 2-3=-4166/464, 3-4=-2807/415, 4-5=-2807/416, 5-6=-4166/466, 6-7=0/129
BOT CHORD 2-10=-399/3351, 9-10=-399/3351, 8-9=-291/3351, 6-8=-291/3351
WEBS 3-10=-59/932, 3-9=-1287/249, 4-8=-280/2255, 5-9=-1287/252, 5-8=-56/932

NOTES

- 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 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 477 lb uplift at joint 2 and 477 lb uplift at joint 6.
- Load case(s) 9 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

- Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-90, 4-7=-90, 2-6=-150(F=-130)
- IBC Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-150, 2-4=-30, 4-6=-30, 6-7=-150, 2-6=-79(F=-59)

Job 1132714	Truss H3	Truss Type HIP END	Qty 2	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:48:59 2004 Page 1		

2-0-0 6-10-0 14-0-14 21-2-0 28-3-2 35-8-0 42-4-0 44-4-0

2-0-0 6-10-0 7-2-14 7-1-2 7-1-2 7-2-14 8-10-0 2-0-0

Scale = 1:77.3

0-4-0 0-4-0	6-10-0 6-6-0	14-0-14 7-2-14	21-2-0 7-1-2	28-3-2 7-1-2	35-8-0 7-2-14	42-0-0 8-8-0	42-4-0 0-4-0
----------------	-----------------	-------------------	-----------------	-----------------	------------------	-----------------	-----------------

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.94	Vert(LL)	-0.51	12	>980	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.73	Vert(TL)	-0.79	12	>641	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.81	Horz(TL)	0.20	8	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 246 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-8-8 oc purlins, except
BOT CHORD 2 X 6 SYP SS	2-0-0 oc purlins (2-10-6 max.): 3-7.
WEBS 2 X 4 SPF Stud *Except*	BOT CHORD Rigid ceiling directly applied or 7-8-2 oc bracing.
W2 2 X 4 SPF No.2, W2 2 X 4 SPF No.2, W2 2 X 4 SPF No.2	WEBS 2 Rows at 1/3 pts 4-14, 6-10

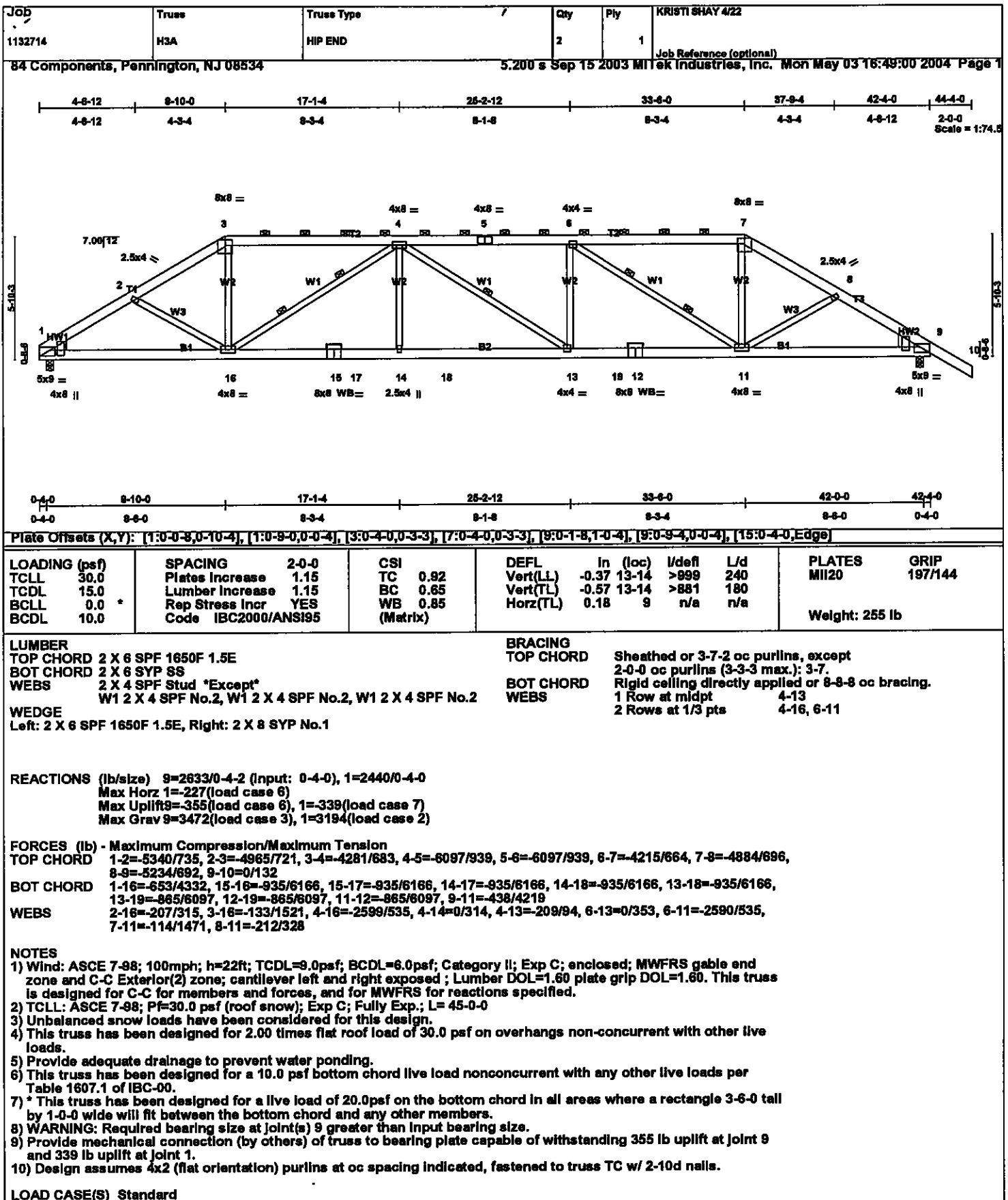
WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

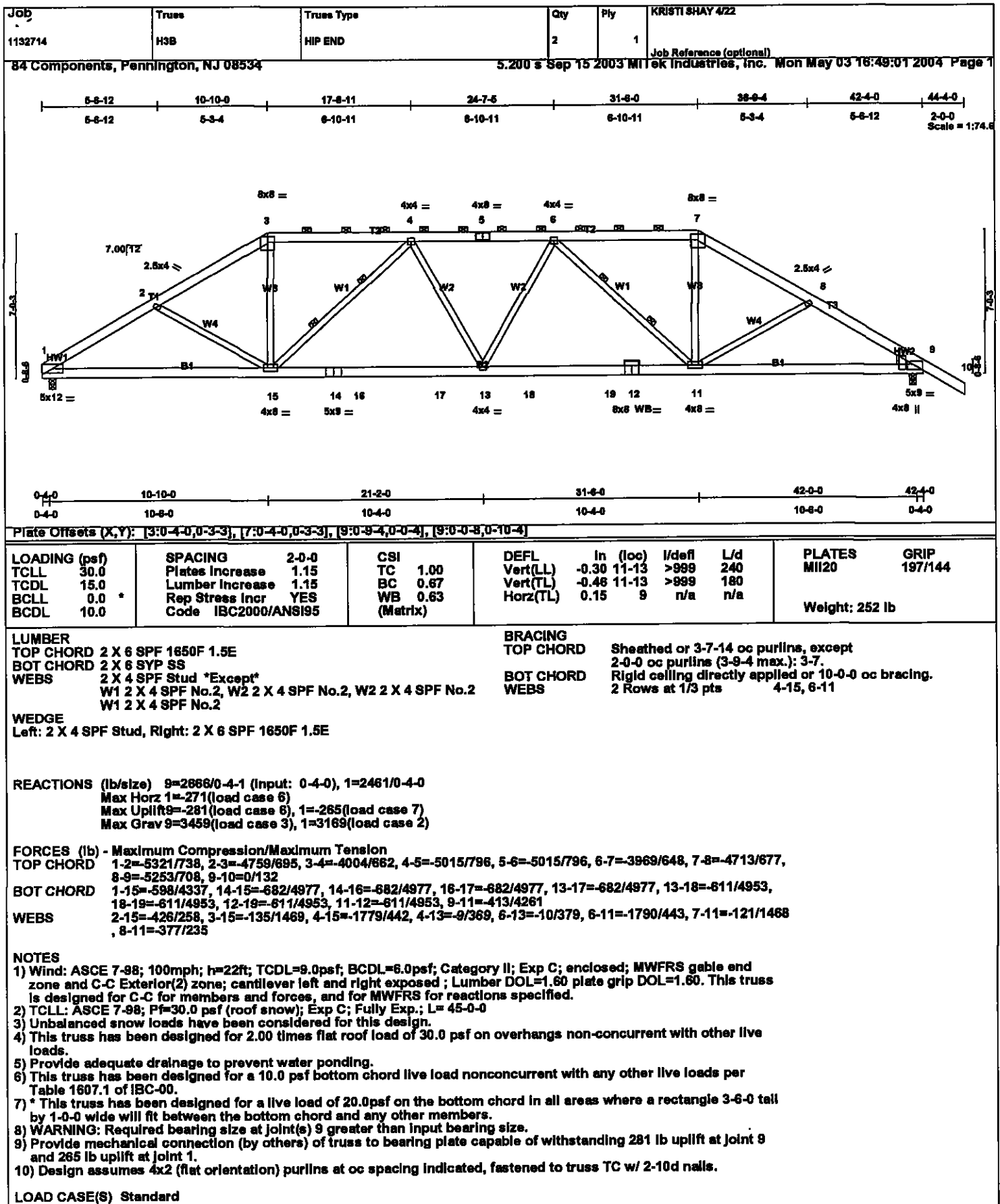
REACTIONS (lb/size) 2=2505/0-4-0, 8=2505/0-4-0
Max Horz 2=164(load case 7)
Max Uplift 2=425(load case 7), 8=425(load case 6)
Max Grav 2=3384(load case 2), 8=3384(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/132, 2-3=-5175/793, 3-4=-4256/726, 4-5=-7618/1317, 5-6=-7618/1317, 6-7=-4256/726, 7-8=-5175/793, 8-9=0/132
BOT CHORD 2-14=-717/4196, 13-14=-1199/6820, 12-13=-1200/6818, 11-12=-1116/6818, 10-11=-1115/6820, 8-10=-554/4196
WEBS 3-14=-253/1799, 4-14=-3246/710, 4-13=0/276, 4-12=-230/1102, 5-12=-900/276, 6-12=-232/1102, 6-11=0/276, 6-10=-3246/709, 7-10=-253/1799

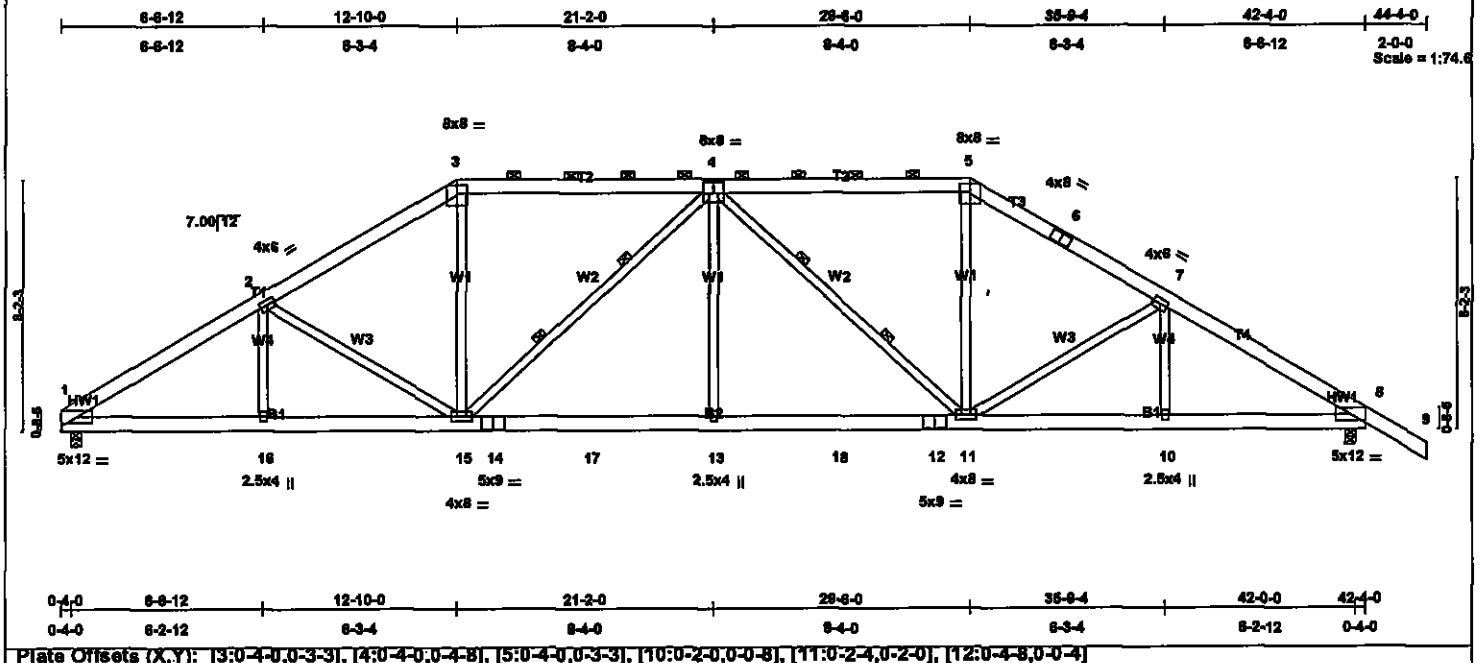
NOTES
1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 425 lb uplift at joint 2 and 425 lb uplift at joint 8.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard





JOB 1132714	Truss H3C	Truss Type HIP END	Qty 2	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:01 2004 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.93	Vert(LL)	-0.23 13-15	>999	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.75	Vert(TL)	-0.37 13-15	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.71	Horz(TL)	0.13 8	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 262 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-7-2 oc purlins, except
BOT CHORD 2 X 6 SYP SS	2-0-0 oc purlins (4-3-8 max.): 3-5.
WEBS 2 X 4 SPF No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
W4 2 X 4 SPF Stud, W4 2 X 4 SPF Stud	WEBS 2 Rows at 1/3 pts 4-15, 4-11
WEDGE	
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud	

REACTIONS (lb/size) 8=2671/0-4-0, 1=2466/0-4-0
 Max Horz 1=-315(load case 6)
 Max Uplift 8=-301(load case 9), 1=-186(load case 7)
 Max Grav 8=3409(load case 3), 1=3118(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-5262/694, 2-3=-4418/691, 3-4=-3675/662, 4-5=-3654/656, 5-6=-4019/681, 6-7=-4390/652, 7-8=-5182/657,
 8-9=0/132
 BOT CHORD 1-16=-490/4272, 15-16=-490/4272, 14-15=-461/4284, 14-17=-461/4284, 13-17=-461/4284, 13-18=-461/4284,
 12-18=-461/4284, 11-12=-461/4284, 10-11=-362/4195, 8-10=-362/4195
 WEBS 2-16=0/256, 2-15=-733/266, 3-15=-104/1198, 4-15=-1409/349, 4-13=0/427, 4-11=-1421/349, 5-11=-96/1200,
 7-11=-686/234, 7-10=0/246

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 301 lb uplift at joint 8 and 186 lb uplift at joint 1.
 - 9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

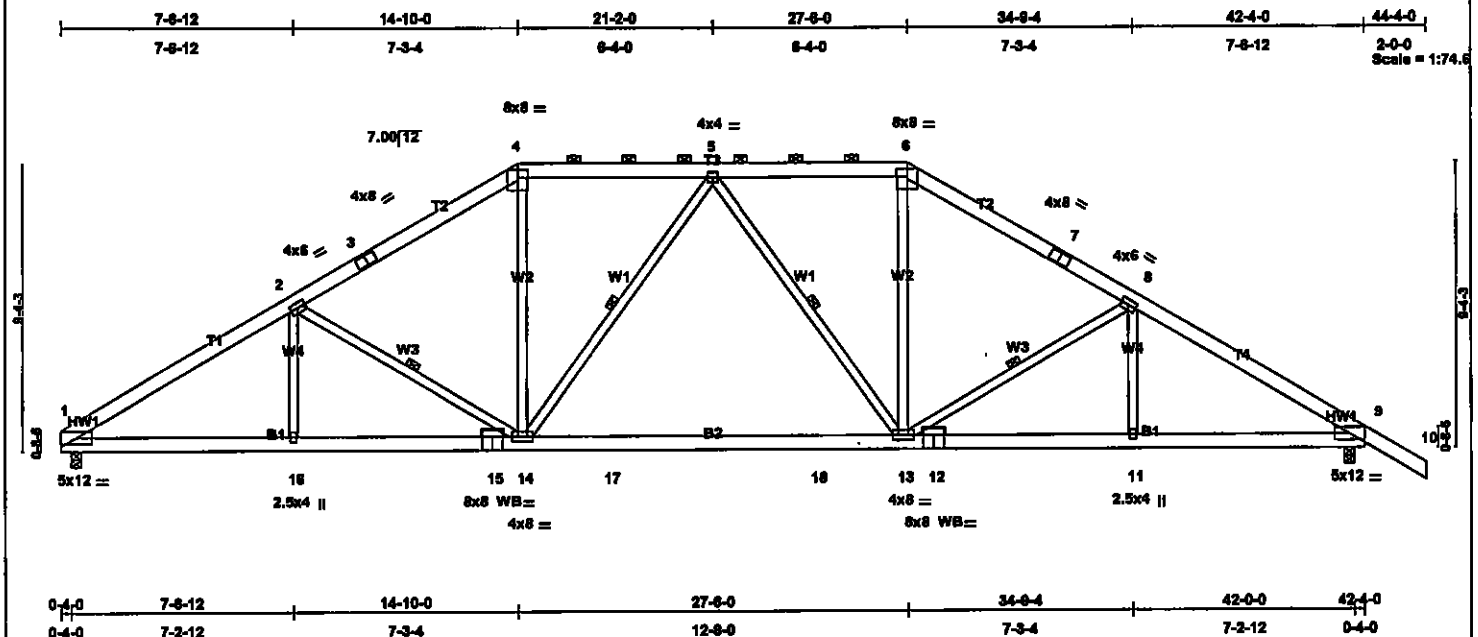


Plate Offsets (X,Y): [4'-0-4-0,0-3-3], [6'-0-4-0,0-3-3], [7'-0-4-0,0-0-12], [11'-0-2-0,0-0-8], [13'-0-2-4,0-2-0], [15'-0-4-0,Edge]									
LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP	
TCLL 30.0	Plates Increase 1.15	TC 0.93	Vert(LL) -0.35	13-14	>999	240	MII20	197/144	
TCDL 15.0	Lumber Increase 1.15	BC 0.69	Vert(TL) -0.55	13-14	>909	180			
BCLL 0.0 *	Rep Stress Incr YES	WB 0.66	Horz(TL) 0.12	9	n/a	n/a			
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)							
							Weight: 261 lb		

LUMBER TOP CHORD 2 X 6 SPF 1650F 1.5E BOT CHORD 2 X 6 SYP SS WEBS 2 X 4 SPF No.2 *Except* W4 2 X 4 SPF Stud, W4 2 X 4 SPF Stud WEDGE Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud	BRACING TOP CHORD Sheathed or 3-8-15 oc purlins, except 2-0-0 oc purlins (4-8-11 max.): 4-8. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt 2-14, 5-14, 5-13, 8-13
--	---

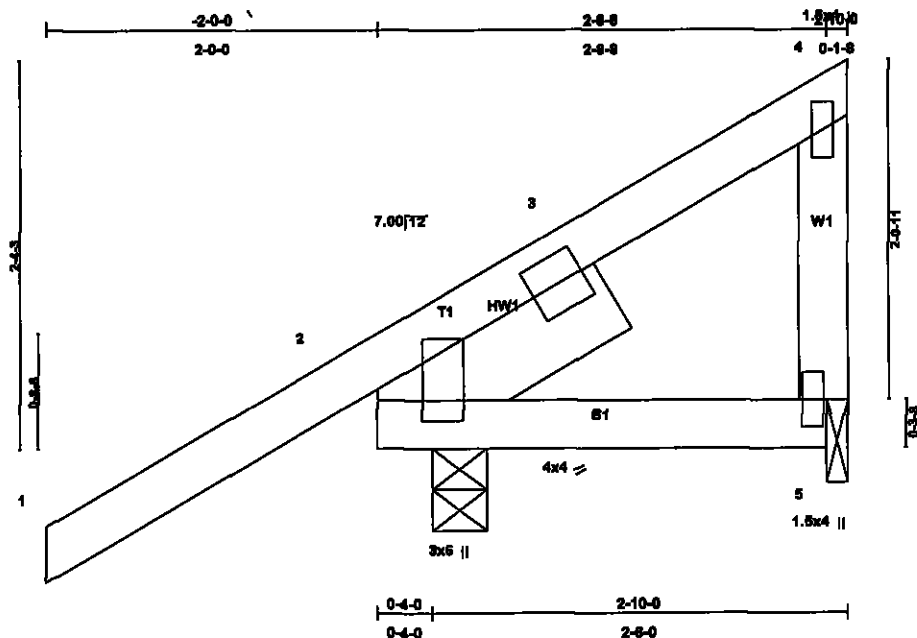
REACTIONS (lb/size) 1=2439/0-4-0, 9=2644/0-4-0
 Max Horz 1=-359(load case 6)
 Max Uplift 1=-208(load case 8), 9=-325(load case 9)
 Max Grav 1=3026(load case 2), 9=3317(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5049/686, 2-3=-4051/599, 3-4=-3810/659, 4-5=-3303/639, 5-6=-3286/635, 6-7=-3790/653, 7-8=-4028/593,
 8-9=-4980/655, 9-10=0/132
BOT CHORD 1-16=-401/4087, 15-16=-401/4087, 14-15=-401/4087, 14-17=-294/3389, 17-18=-294/3389, 13-18=-294/3389,
 12-13=-348/4019, 11-12=-348/4019, 9-11=-348/4019
WEBS 2-16=0/268, 2-14=-945/322, 4-14=-95/1147, 5-14=-810/348, 5-13=-819/348, 6-13=-89/1150, 8-13=-884/293,
 8-11=0/259

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 1 and 325 lb uplift at joint 9.
 - 9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job 1132714	Truss J3	Truss Type MONO	Qty 4	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200's Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:03 2004 Page 1		



Scale = 1:13.5

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

LOADING (psf)	SPACING	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.70	Vert(LL)	-0.00	2-5	>999	240	M120	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.08	Vert(TL)	-0.10	1	>230	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)							
								Weight: 14 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
SLIDER Left 2 X 6 SPF 1650F 1.5E 1-6-10

BRACING
TOP CHORD Sheathed or 2-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=81/0-1-8, 2=395/0-4-0
Max Horz 2=153(load case 6)
Max Uplift 5=-44(load case 8), 2=-142(load case 6)
Max Grav 5=81(load case 1), 2=479(load case 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-125/5, 3-4=-58/15, 4-5=-54/71
BOT CHORD 2-5=0/0

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 6) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 5 and 142 lb uplift at joint 2.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	M3	MONO	24	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:04 2004 Page 1		

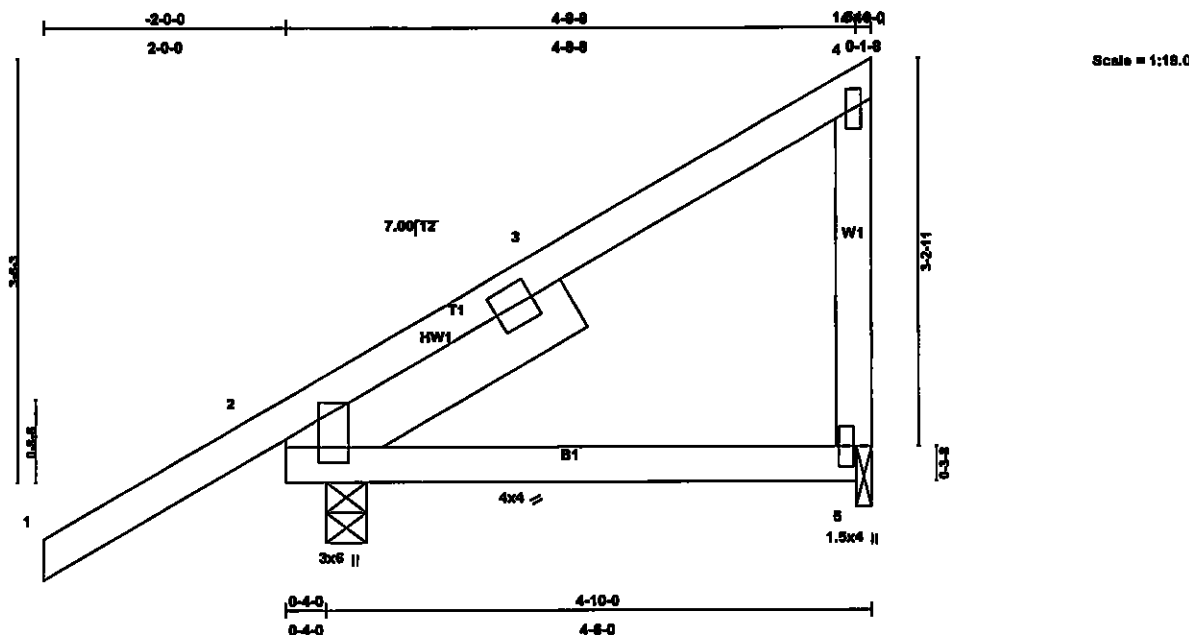


Plate Offsets (X,Y): [2:0-2-5,0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.70	Vert(LL)	-0.03	2-5	>999	240	M120	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.23	Vert(TL)	-0.10	1	>230	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)							
								Weight: 23 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
SLIDER Left 2 X 6 SPF 1650F 1.5E 2-7-15

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

REACTIONS (lb/size) 5=219/0-1-8, 2=476/0-4-0
Max Horz 2=211(load case 6)
Max Uplift 5=72(load case 6), 2=-126(load case 6)
Max Grav 5=219(load case 1), 2=481(load case 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-151/7, 3-4=-75/64, 4-5=-173/113
BOT CHORD 2-5=0/0

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCCL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 5 and 126 lb uplift at joint 2.

LOAD CASE(S) Standard

Job 1132714	Truss M31	Truss Type MONO	Qty 12	Ply 1	KRISTY SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:04 2004 Page 1		

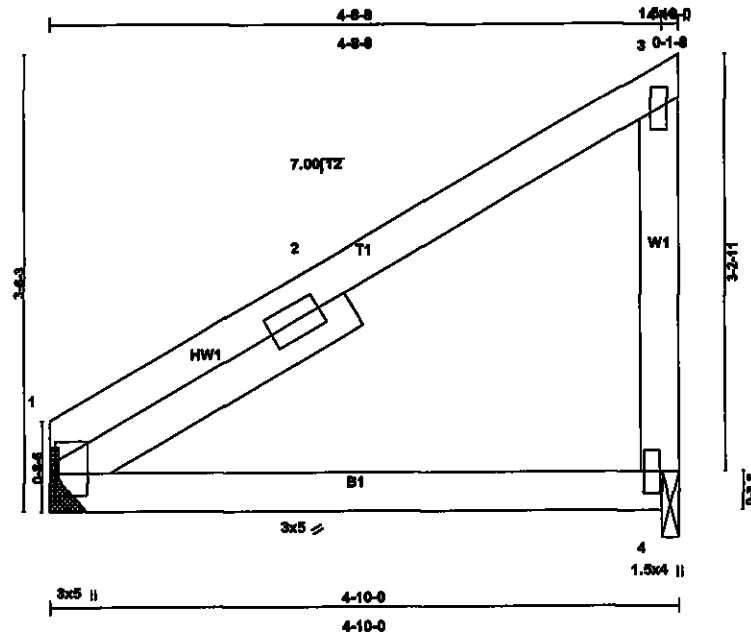


Plate Offsets (X,Y): [1:0-2-0,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.56	Vert(LL)	-0.03	1-4	>999	240	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.23	Vert(TL)	-0.06	1-4	>971	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 18 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
SLIDER Left 2 X 4 SPF Stud 2-7-15

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

REACTIONS (lb/size) 1=258/Mechanical, 4=258/0-1-8
Max Horz 1=156(load case 6)
Max Uplift 4=99(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-114/6, 2-3=-95/84, 3-4=-211/145
BOT CHORD 1-4=0/0

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 4.

LOAD CASE(S) Standard

Job 1132714	Truss M3A	Truss Type GIRDER	Qty 4	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5,200 s Sep 15 2003 Mill Creek Industries, Inc. Mon May 03 16:49:05 2004 Page 1		

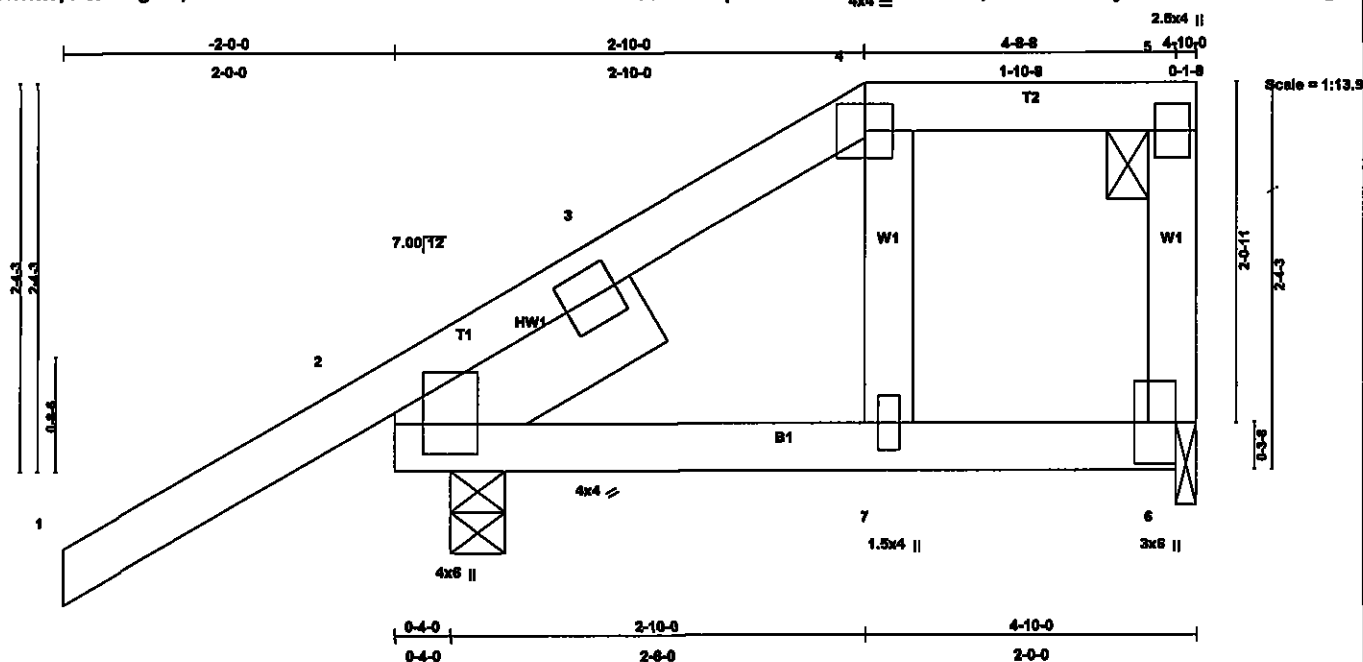


Plate Offsets (X,Y): [2:0-3-1,0-2-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.81	Vert(LL)	0.01	2-7	>999	240	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.28	Vert(TL)	-0.09	1	>262	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 21 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud
SLIDER Left 2 X 6 SPF 1650F 1.5E 1-8-2

BRACING
TOP CHORD Sheathed or 4-10-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 5

REACTIONS (lb/size) 6=265/0-1-8, 2=522/0-4-0
Max Horz 2=76(load case 7)
Max Uplift 6=41(load case 6), 2=186(load case 7)
Max Grav 6=299(load case 3), 2=676(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-221/19, 3-4=-121/27, 4-5=-94/10, 5-6=-158/16
BOT CHORD 2-7=-6/88, 6-7=-10/94
WEBS 4-7=-82/92

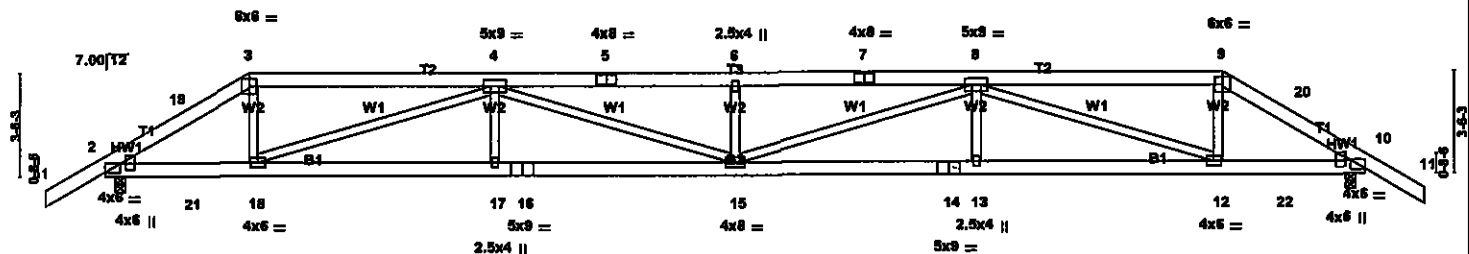
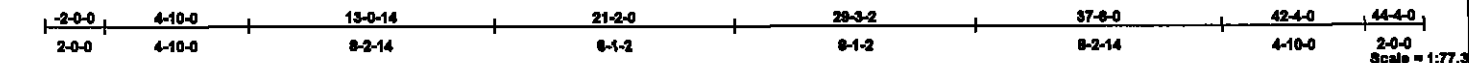
NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Bearing at joint(s) 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 at joint(s) 6.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 6 and 186 lb uplift at joint 2.
- 10) Girder carries hip end with 2-10-0 end setback
- 11) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
- 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-90, 2-4=-45(F=45), 4-5=-45(F=45), 2-6=-84(F=-64)

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	PH3	GIRDER	2	3	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:06 2004 Page 1		



0-4-0	4-10-0	13-0-14	21-2-0	29-3-2	37-6-0	42-0-0	42-4-0
0-4-0	4-8-0	8-2-14	8-1-2	8-1-2	8-2-14	4-8-0	0-4-0

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.50	Vert(LL)	-0.46 13-15	>999	240	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.41	Vert(TL)	-0.74 13-15	>681	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.67	Horz(TL)	0.13 10	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 721 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 6 SYP SS	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SPF Stud *Except*	
W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2	
W1 2 X 4 SPF No.2	

WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

REACTIONS (lb/size) 2=3939/0-4-0, 10=3939/0-4-0
Max Horz 2=-120(load case 5)
Max Uplift 2=-1127(load case 6), 10=-1127(load case 5)
Max Grav 2=4845(load case 2), 10=4845(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/132, 2-19=-7909/2013, 3-19=-7649/2037, 3-4=-6701/1760, 4-5=-15806/4194, 5-6=-15806/4194, 6-7=-15806/4194, 7-8=-15806/4194, 8-9=-6701/1760, 9-20=-7649/2037, 10-20=-7909/2013, 10-11=0/132
BOT CHORD 2-21=-1755/6529, 18-21=-1755/6529, 17-18=-3649/13563, 16-17=-3649/13563, 15-16=-3649/13563, 14-15=-3581/13563, 13-14=-3581/13563, 12-13=-3581/13563, 12-22=-1635/6529, 10-22=-1635/6529
WEBS 3-18=-1073/3619, 4-18=-7474/2070, 4-17=-406/1086, 4-15=-701/2508, 6-15=-671/81, 8-15=-703/2508, 8-13=-406/1086, 8-12=-7474/2069, 9-12=-1073/3619

NOTES

- 1) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.
- 2) 3-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 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.
- 3) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 4) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
- 6) Unbalanced snow loads have been considered for this design.
- 7) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 8) Provide adequate drainage to prevent water ponding.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1127 lb uplift at joint 2 and 1127 lb uplift at joint 10.

Continued on page 2

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	PH3	GIRDER	2	3	Job Reference (optional)

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:06 2004 Page 2

NOTES

- 12) Girder carries hip end with 4-10-0 end setback
 13) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-19=-90, 3-19=-45(F=45), 3-9=-45(F=45), 9-20=-45(F=45), 11-20=-90, 2-21=-20, 21-22=-134(F=-114), 10-22=-20

Concentrated Loads (lb)

Vert: 21=-173(F) 22=-173(F)

Job 1132714	Truss T3	Truss Type COMMON	Qty 6	Ply 1	KRISTIN SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:07 2004 Page 1		

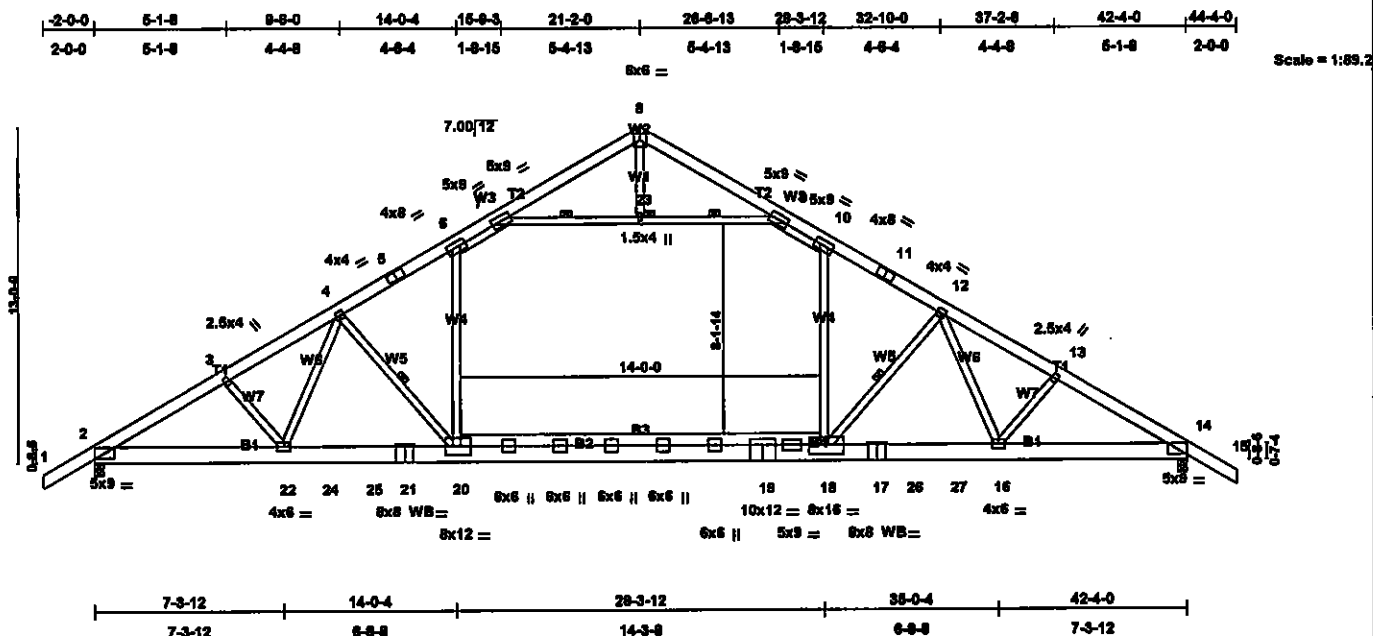


Plate Offsets (X,Y): [2:0-4-8,0-2-4], [14:0-4-8,0-2-4], [18:0-7-4,0-4-8], [20:0-3-12,0-4-0], [21:0-4-0,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.76	Vert(LL)	-0.72 16-18	>696	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.96	Vert(TL)	-0.86 18	>588	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.72	Horz(TL)	0.10 14	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 340 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SYP SS *Except*	TOP CHORD Sheathed or 3-4-5 oc purlins.
T1 2 X 6 SPF 1650F 1.5E, T1 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 4-7-0 oc bracing.
BOT CHORD 2 X 8 SYP No.1 *Except*	WEBS 1 Row at midpt 7-23, 9-23, 4-20, 12-18
B4 2 X 8 SYP SS, B2 2 X 8 SYP SS, B3 2 X 6 SPF 1650F 1.5E	JOINTS 1 Brace at Jt(s): 23
WEBS 2 X 4 SPF Stud *Except*	
W1 2 X 4 SPF No.2, W4 2 X 4 SPF No.2, W4 2 X 4 SPF No.2	
W3 2 X 4 SPF No.2, W3 2 X 4 SPF No.2	

REACTIONS (lb/size) 2=2856/0-4-1 (input: 0-4-0), 14=2856/0-4-1 (input: 0-4-0)
Max Horz 2=476(load case 7)
Max Uplift 2=382(load case 8), 14=382(load case 9)
Max Grav 2=3466(load case 2), 14=3466(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/137, 2-3=-5348/602, 3-4=-4944/627, 4-5=-3991/593, 5-6=-3712/610, 6-7=-3105/604, 7-8=-507/189, 8-9=-506/189, 9-10=-3102/603, 10-11=-3716/610, 11-12=-3985/593, 12-13=-4943/627, 13-14=-5346/602, 14-15=0/137
BOT CHORD 2-22=-524/4346, 22-24=-372/3991, 24-25=-372/3991, 21-25=-372/3991, 20-21=-372/3991, 19-20=-145/3150, 18-19=-142/3130, 17-18=-241/3994, 17-26=-241/3994, 26-27=-241/3994, 16-27=-241/3994, 14-16=-337/4344
WEBS 7-23=-2915/543, 8-23=-2915/543, 6-20=-46/1295, 10-18=-47/1309, 4-20=-1351/369, 4-22=-356/613, 3-22=-219/148, 12-18=-1356/373, 12-16=-367/604, 13-16=-217/148, 8-23=-11/58

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) WARNING: Required bearing size at joint(s) 2, 14 greater than input bearing size.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 382 lb uplift at joint 2 and 382 lb uplift at joint 14.

LOAD CASE(S) Standard

Job 1132714	Truss T3A	Truss Type COMMON	Qty 27	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:09 2004 Page 1		

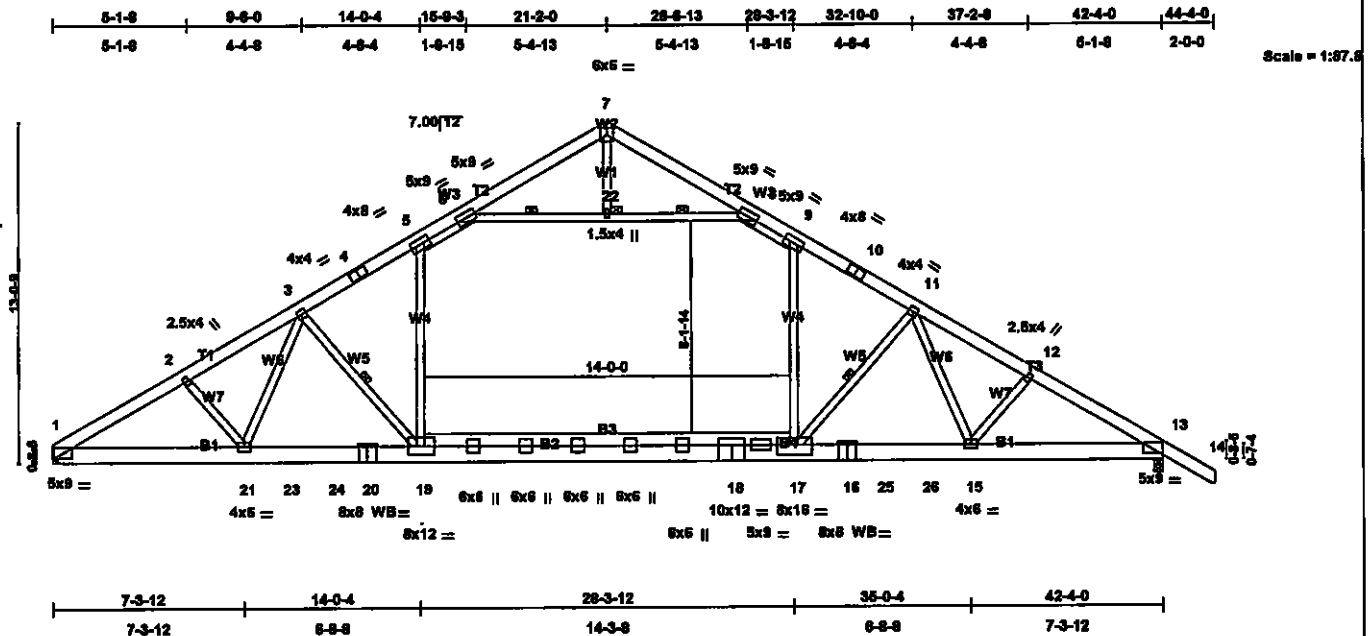


Plate Offsets (X,Y): [13:0-4-8,0-2-4], [17:0-8-8,0-4-12], [19:0-3-12,0-4-0], [20:0-4-0,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.77	Vert(LL)	-0.72 19-21	>698	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.98	Vert(TL)	-0.85 17	>591	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.73	Horz(TL)	0.10 13	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 335 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SYP SS *Except*	TOP CHORD Sheathed or 3-4-2 oc purlins.
T1 2 X 6 SPF 1650F 1.5E, T3 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 4-5-3 oc bracing.
BOT CHORD 2 X 8 SYP No.1 *Except*	WEBS 1 Row at midpt 6-22, 8-22, 3-19, 11-17
B4 2 X 8 SYP SS, B2 2 X 8 SYP SS, B3 2 X 6 SPF 1650F 1.5E	JOINTS 1 Brace at Jt(s): 22
WEBS 2 X 4 SPF Stud *Except*	
W1 2 X 4 SPF No.2, W4 2 X 4 SPF No.2, W4 2 X 4 SPF No.2	
W3 2 X 4 SPF No.2, W3 2 X 4 SPF No.2	

REACTIONS (lb/size) 1=2661/Mechanical, 13=2862/0-4-2 (Input: 0-4-0)
Max Horz 1=-496(load case 6)
Max Uplift 1=-267(load case 8), 13=-382(load case 9)
Max Grav 1=3191(load case 2), 13=3470(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5491/651, 2-3=-5110/675, 3-4=-4038/605, 4-5=-3756/622, 5-6=-3139/611, 6-7=-508/188, 7-8=-505/188, 8-9=-3110/612, 9-10=-3728/621, 10-11=-4005/603, 11-12=-4948/634, 12-13=-5352/608, 13-14=0/137
BOT CHORD 1-21=-570/4482, 21-23=-396/4070, 23-24=-396/4070, 20-24=-396/4070, 19-20=-396/4070, 18-19=-154/3186, 17-18=-151/3139, 16-17=-248/4000, 16-25=-248/4000, 25-26=-248/4000, 15-26=-248/4000, 13-15=-342/4349
WEBS 6-22=-2952/554, 8-22=-2952/554, 5-18=-54/1303, 9-17=-51/1323, 3-19=-1418/393, 3-21=-321/709, 2-21=-256/160, 11-17=-1352/372, 11-15=-384/600, 12-15=-217/148, 7-22=-11/59

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) WARNING: Required bearing size at joint(s) 13 greater than input bearing size.
- 8) Refer to girder(s) for truss to truss connections.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 267 lb uplift at joint 1 and 382 lb uplift at joint 13.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V1	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:10 2004 Page 1		

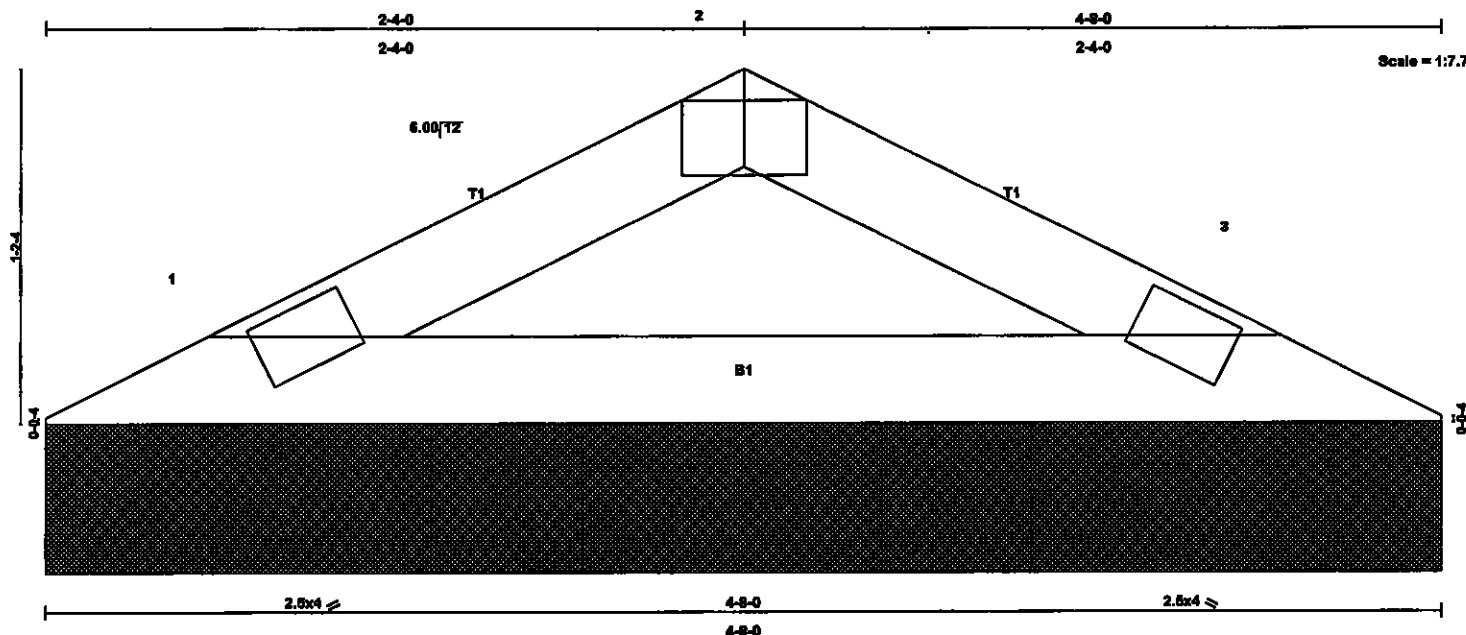


Plate Offsets (X,Y): [3:0-1-3,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.09	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCCL 15.0	Lumber Increase	1.15	BC 0.14	Vert(TL)	n/a	-	n/a	999		
BCCL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00	3	n/a	n/a		
BCCL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 10 lb	

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

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

REACTIONS (lb/size) 1=193/4-8-0, 3=193/4-8-0
Max Horz 1=19(load case 6)
Max Uplift 1=-23(load case 6), 3=-23(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-205/150, 2-3=-205/150
BOT CHORD 1-3=-89/158

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCCL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCCL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) Gable requires continuous bottom chord bearing.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 1 and 23 lb uplift at joint 3.

LOAD CASE(S) Standard

5.200 & Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:12 2004 Page 1

**PLATES**
MII20

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

Max Horiz 1=-95(load case 9)
Max Uplift1=-18(load case 9), 5=-21(load case 9), 8=-173(load case 8), 6=-173(load case 9)
Max Grav 1=2899(load case 2), 5=2898(load case 3), 7=330(load case 1), 8=794(load case 2), 6=784(load case 3)

- by II; Exp C; enclosed; MWFRS gable end
for DOL=1.60 plate grip DOL=1.60. This truss
as specified.
- concurrent with any other live loads per
- chord in all areas where a rectangle 3-6-0 tall
- able of withstanding 18 lb uplift at joint 1, 21

Job 1132714	Truss V1D	Truss Type VALLEY SET	Qty 1	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:12 2004 Page 1		

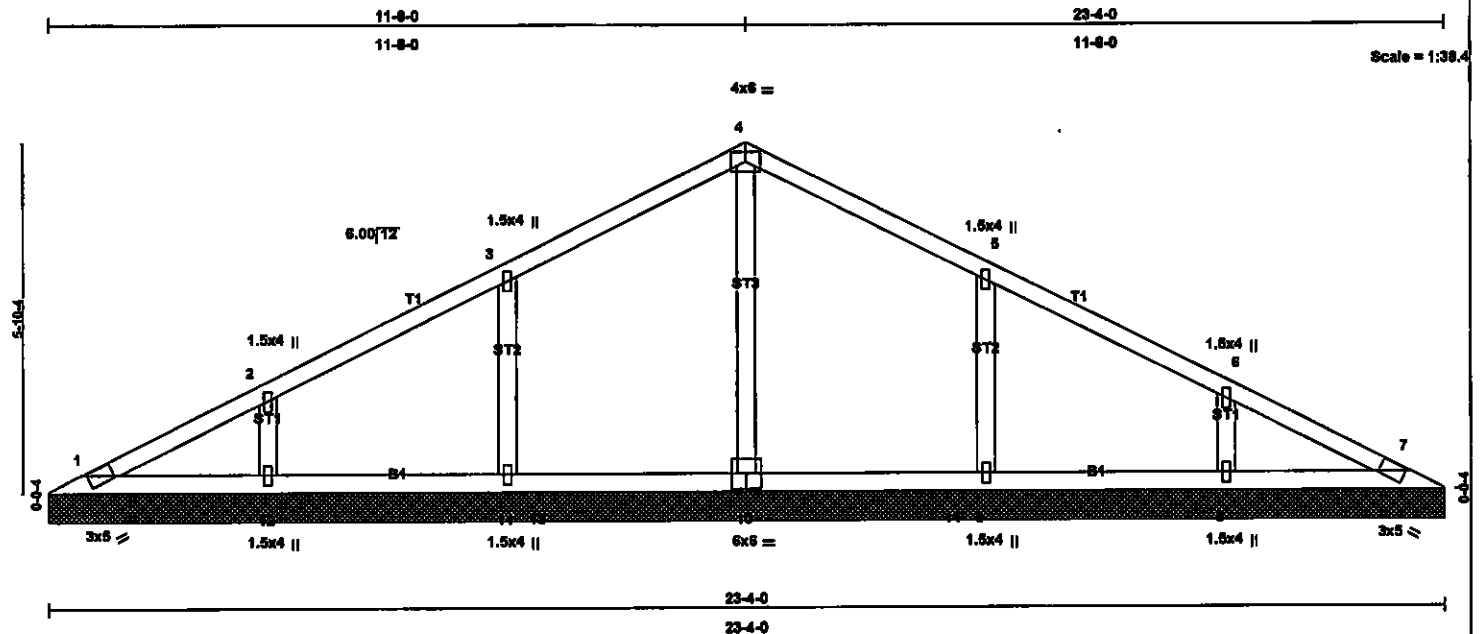


Plate Offsets (X,Y): [5:0-2-14,0-1-0], [6:0-2-14,0-1-0], [7:0-1-0,0-0-4], [8:0-2-0,0-1-0], [9:0-2-0,0-1-0]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.31	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.16	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.21	Horz(TL)	0.00	7	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 71 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2 X 4 SPF Stud	

REACTIONS (lb/size) 1=147/23-4-0, 7=147/23-4-0, 10=577/23-4-0, 11=500/23-4-0, 12=423/23-4-0, 9=500/23-4-0, 8=423/23-4-0
Max Horz 1=120(load case 8)
Max Uplift 1=-14(load case 9), 11=-137(load case 8), 12=-127(load case 8), 9=-137(load case 9), 8=-127(load case 9)
Max Grav 1=182(load case 2), 7=192(load case 3), 10=577(load case 1), 11=687(load case 2), 12=574(load case 2), 9=687(load case 3), 8=574(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-140/66, 2-3=-152/115, 3-4=-167/224, 4-5=-167/224, 5-6=-152/81, 6-7=-114/66
BOT CHORD 1-12=0/104, 11-12=0/104, 11-13=0/104, 10-13=0/104, 10-14=0/104, 9-14=0/104, 8-9=0/104, 7-8=0/104
WEBS 4-10=-317/0, 3-11=-553/247, 2-12=-487/229, 5-9=-553/247, 6-8=-487/229

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint 1, 137 lb uplift at joint 11, 127 lb uplift at joint 12, 137 lb uplift at joint 9 and 127 lb uplift at joint 8.

LOAD CASE(S) Standard

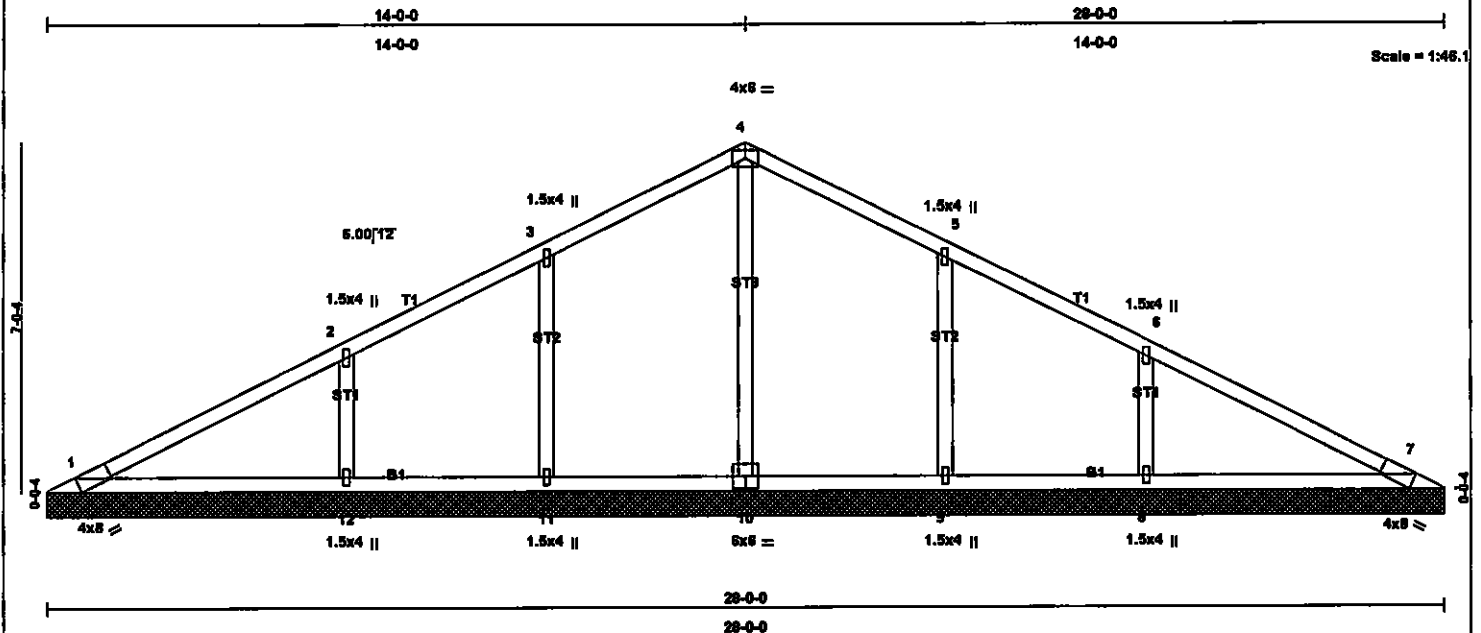


Plate Offsets (X,Y): [1:0-0-3,Edge], [5:0-2-14,0-1-0], [6:0-2-14,0-1-0], [7:0-0-3,Edge], [8:0-2-0,0-1-0], [9:0-2-0,0-1-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.69	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.38	Vert(TL)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.32	Horz(TL)	0.01	7	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)					Weight: 89 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=263/28-0-0, 7=263/28-0-0, 10=431/28-0-0, 11=373/28-0-0, 12=625/28-0-0, 9=373/28-0-0, 8=625/28-0-0
Max Horz 1=145(load case 8)
Max Uplift 1=-20(load case 9), 7=-8(load case 9), 11=-117(load case 8), 12=-184(load case 8), 9=-117(load case 9), 8=-184(load case 9)
Max Grav 1=350(load case 2), 7=350(load case 3), 10=431(load case 1), 11=539(load case 2), 12=845(load case 2), 9=539(load case 3), 8=845(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-187/128, 2-3=-175/155, 3-4=-162/273, 4-5=-162/273, 5-6=-175/143, 6-7=-187/128
BOT CHORD 1-12=0/128, 11-12=0/128, 10-11=0/128, 9-10=0/128, 8-9=0/128, 7-8=0/128
WEBS 4-10=-338/0, 3-11=-491/218, 2-12=-677/313, 5-9=-491/218, 6-8=-677/313

NOTES
1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 1, 8 lb uplift at joint 7, 117 lb uplift at joint 11, 184 lb uplift at joint 12, 117 lb uplift at joint 9 and 184 lb uplift at joint 8.

LOAD CASE(S) Standard

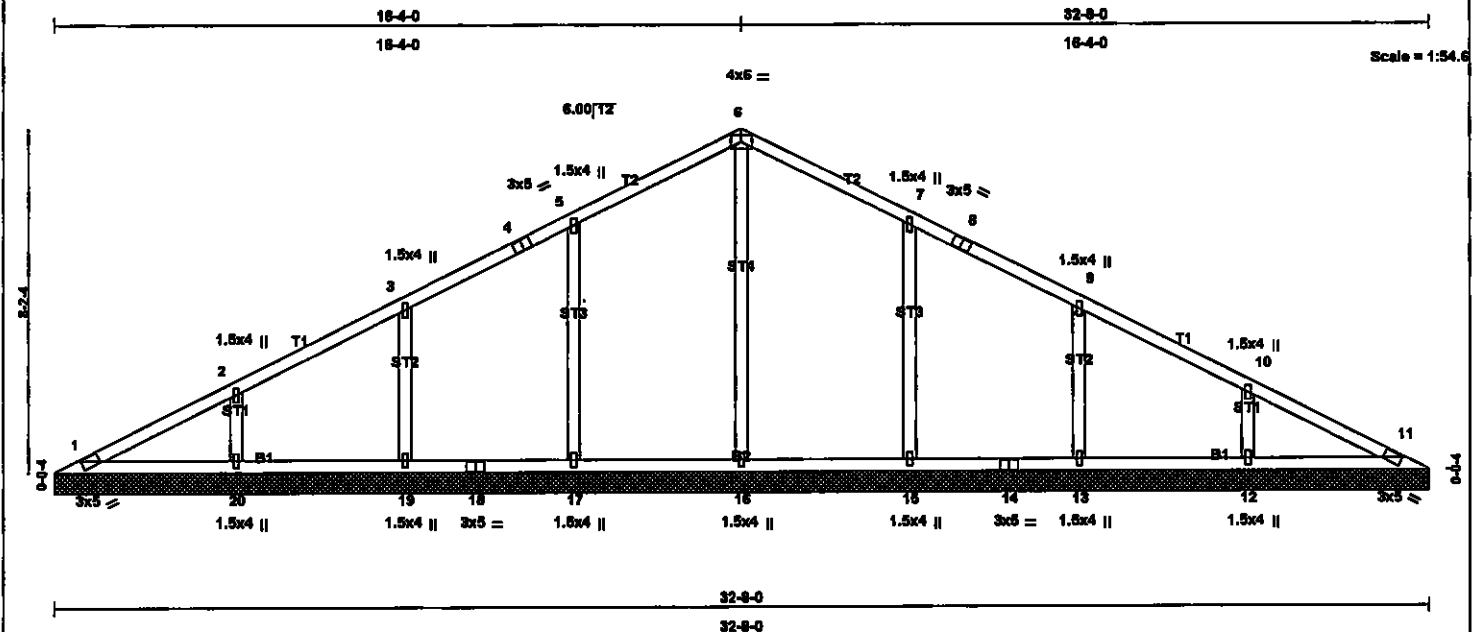


Plate Offsets (X,Y): [7:0-2-14,0-1-0], [8:0-2-8,0-0-4], [9:0-2-14,0-1-0], [10:0-2-14,0-1-0], [11:0-1-0,0-0-4], [12:0-2-0,0-1-0], [13:0-2-0,0-1-0], [14:0-2-8,0-0-4], [15:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.32	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.17	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.40	Horz(TL)	0.00	11	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 111 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
ST4 2 X 4 SPF No.2

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

REACTIONS (lb/size) 1=184/32-8-0, 16=397/32-8-0, 17=429/32-8-0, 19=413/32-8-0, 20=483/32-8-0, 15=430/32-8-0, 13=413/32-8-0, 12=483/32-8-0, 11=184/32-8-0
Max Horz 1=232(load case 8)
Max Uplift 17=-142(load case 8), 19=-133(load case 8), 20=-141(load case 8), 15=-141(load case 9), 13=-133(load case 9), 12=-141(load case 9)
Max Grav 1=240(load case 2), 16=397(load case 1), 17=615(load case 2), 19=562(load case 2), 20=660(load case 2), 15=615(load case 3), 13=562(load case 3), 12=660(load case 3), 11=240(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-226/76, 2-3=-166/67, 3-4=-161/117, 4-5=-39/132, 5-6=-173/267, 6-7=-173/267, 7-8=-39/126, 8-9=-161/110, 9-10=-166/67, 10-11=-196/76
BOT CHORD 1-20=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/0, 15-16=0/0, 14-15=0/0, 13-14=0/210, 12-13=0/210, 11-12=0/210
WEBS 6-16=-312/0, 5-17=-547/242, 3-19=-509/245, 2-20=-540/248, 7-15=-547/242, 9-13=-509/245, 10-12=-540/248

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 17, 133 lb uplift at joint 19, 141 lb uplift at joint 20, 141 lb uplift at joint 15, 133 lb uplift at joint 13 and 141 lb uplift at joint 12.

LOAD CASE(S) Standard

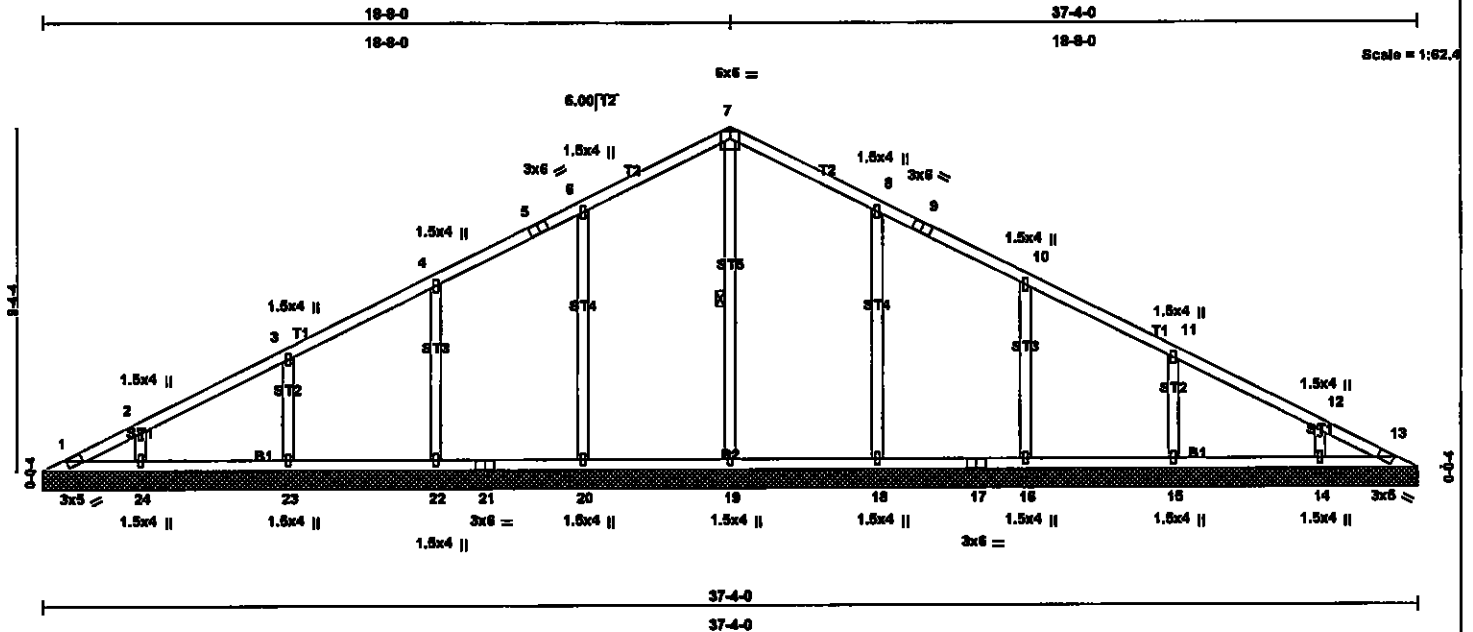


Plate Offsets (X,Y): [8:0-2-14,0-1-0], [9:0-3-0,0-0-4], [10:0-2-14,0-1-0], [11:0-2-14,0-1-0], [12:0-2-14,0-1-0], [13:0-1-0,0-0-4], [14:0-2-0,0-1-0], [15:0-2-0,0-1-0], [16:0-2-0,0-1-0], [17:0-3-0,0-0-4], [18:0-2-0,0-1-0]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 2.0-0	TC 0.32	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.09	Vert(TL)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.57	Horz(TL)	0.00	13	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)					Weight: 133 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
ST5 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-19

REACTIONS (lb/size) 1=84/37-4-0, 19=396/37-4-0, 20=432/37-4-0, 22=421/37-4-0, 23=456/37-4-0, 24=379/37-4-0, 18=432/37-4-0, 16=421/37-4-0, 15=456/37-4-0, 14=379/37-4-0, 13=84/37-4-0
Max Horz 1=268(load case 8)
Max Uplift 20=-140(load case 8), 22=-138(load case 8), 23=-133(load case 8), 24=-113(load case 8), 18=-140(load case 9), 16=-138(load case 9), 15=-133(load case 9), 14=-113(load case 9)
Max Grav 1=116(load case 8), 19=396(load case 1), 20=618(load case 2), 22=573(load case 2), 23=622(load case 2), 24=516(load case 2), 18=618(load case 3), 16=573(load case 3), 15=622(load case 3), 14=516(load case 3), 13=104(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-288/41, 2-3=-203/74, 3-4=-166/99, 4-5=-161/156, 5-6=-39/172, 6-7=-173/312, 7-8=-173/312, 8-9=-39/172, 9-10=-161/156, 10-11=-166/67, 11-12=-168/74, 12-13=-255/41
BOT CHORD 1-24=0/0, 23-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/244, 15-16=0/244, 14-15=0/244, 13-14=0/244
WEBS 7-19=-313/0, 6-20=-546/241, 4-22=-510/244, 3-23=-537/251, 2-24=-446/209, 8-18=-546/241, 10-16=-510/244, 11-15=-537/251, 12-14=-446/209

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable and zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 20, 138 lb uplift at joint 22, 133 lb uplift at joint 23, 113 lb uplift at joint 24, 140 lb uplift at joint 18, 138 lb uplift at joint 16, 133 lb uplift at joint 15 and 113 lb uplift at joint 14.

LOAD CASE(S) Standard

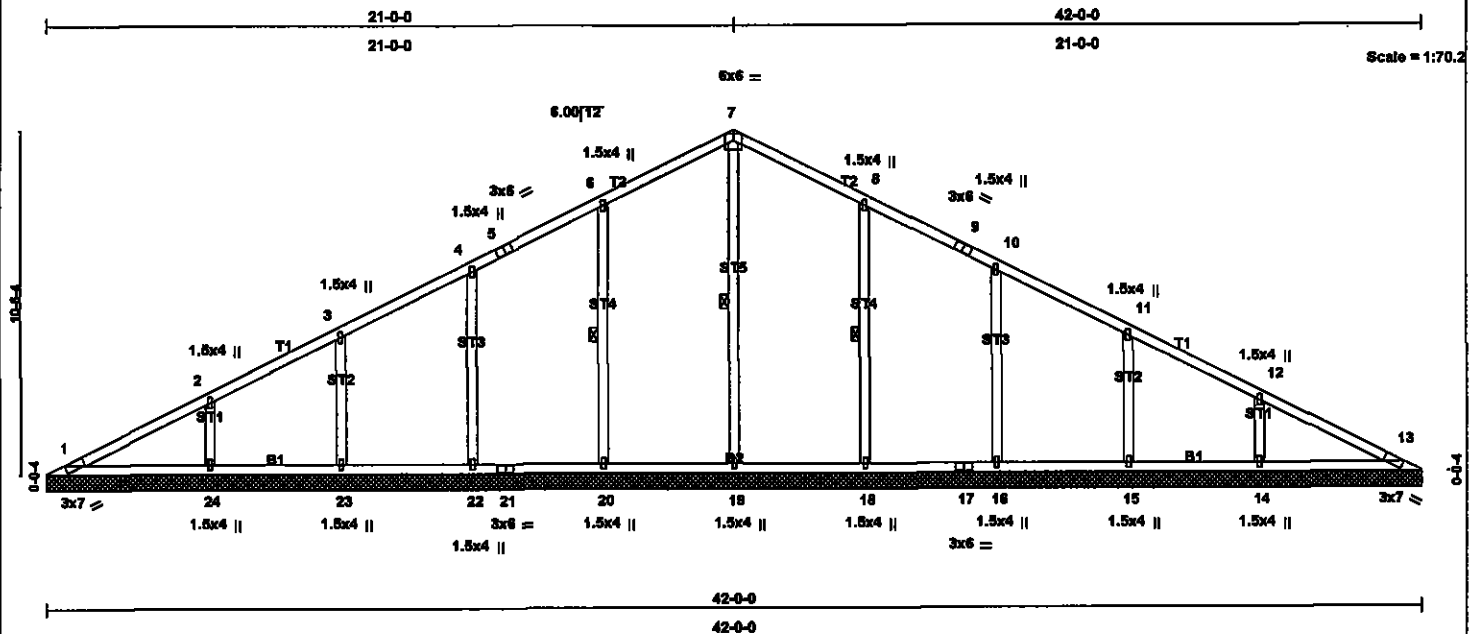


Plate Offsets (X,Y): [8:0-2-14,0-1-0], [9:0-3-0,0-0-4], [10:0-2-14,0-1-0], [11:0-2-14,0-1-0], [12:0-2-14,0-1-0], [13:0-7-0,0-0-4], [14:0-2-0,0-1-0], [15:0-2-0,0-1-0], [16:0-2-0,0-1-0], [17:0-3-0,0-0-4], [18:0-2-0,0-1-0]

LOADING (psf) TCLL 30.0 TCDL 15.0 BCLL 0.0 BCDL 10.0	SPACING 2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2000/ANSI95	CSI TC 0.39 BC 0.26 WB 0.45 (Matrix)	DEFL Vert(LL) n/a Vert(TL) n/a Horz(TL) 0.01	In (loc) - I/defl n/a L/d 999	PLATES M120 GRIP 197/144 Weight: 157 lb
--	---	--	---	-------------------------------------	---

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
ST5 2 X 4 SPF No.2, ST4 2 X 4 SPF No.2, ST4 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-19, 6-20, 8-18

REACTIONS (lb/size) 1=218/42-0-0, 19=397/42-0-0, 20=434/42-0-0, 22=433/42-0-0, 23=415/42-0-0, 24=533/42-0-0, 18=434/42-0-0, 16=433/42-0-0, 15=415/42-0-0, 14=533/42-0-0, 13=218/42-0-0
Max Horz 1=305(load case 8)
Max Uplift 20=-138(load case 8), 22=-143(load case 8), 23=-121(load case 8), 24=-158(load case 8), 18=-138(load case 9), 16=-143(load case 9), 15=-121(load case 9), 14=-158(load case 9)
Max Grav 1=304(load case 2), 19=407(load case 2), 20=648(load case 2), 22=623(load case 2), 23=596(load case 2), 24=765(load case 2), 18=648(load case 3), 16=623(load case 3), 15=596(load case 3), 14=765(load case 3), 13=304(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-299/96, 2-3=-184/66, 3-4=-175/128, 4-5=-175/187, 5-6=-54/216, 6-7=-185/355, 7-8=-185/355, 8-9=-54/216, 9-10=-175/187, 10-11=-175/87, 11-12=-184/62, 12-13=-258/96
BOT CHORD 1-24=0/0, 23-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/278, 15-16=0/278, 14-15=0/278, 13-14=0/278
WEBS 7-19=-324/0, 6-20=-574/240, 4-22=-551/248, 3-23=-531/236, 2-24=-627/272, 8-18=-574/240, 10-16=-551/248, 11-15=-531/236, 12-14=-627/272

- NOTES**
1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCDL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 138 lb uplift at joint 20, 143 lb uplift at joint 22, 121 lb uplift at joint 23, 158 lb uplift at joint 24, 138 lb uplift at joint 18, 143 lb uplift at joint 16, 121 lb uplift at joint 15 and 158 lb uplift at joint 14.

LOAD CASE(S) Standard

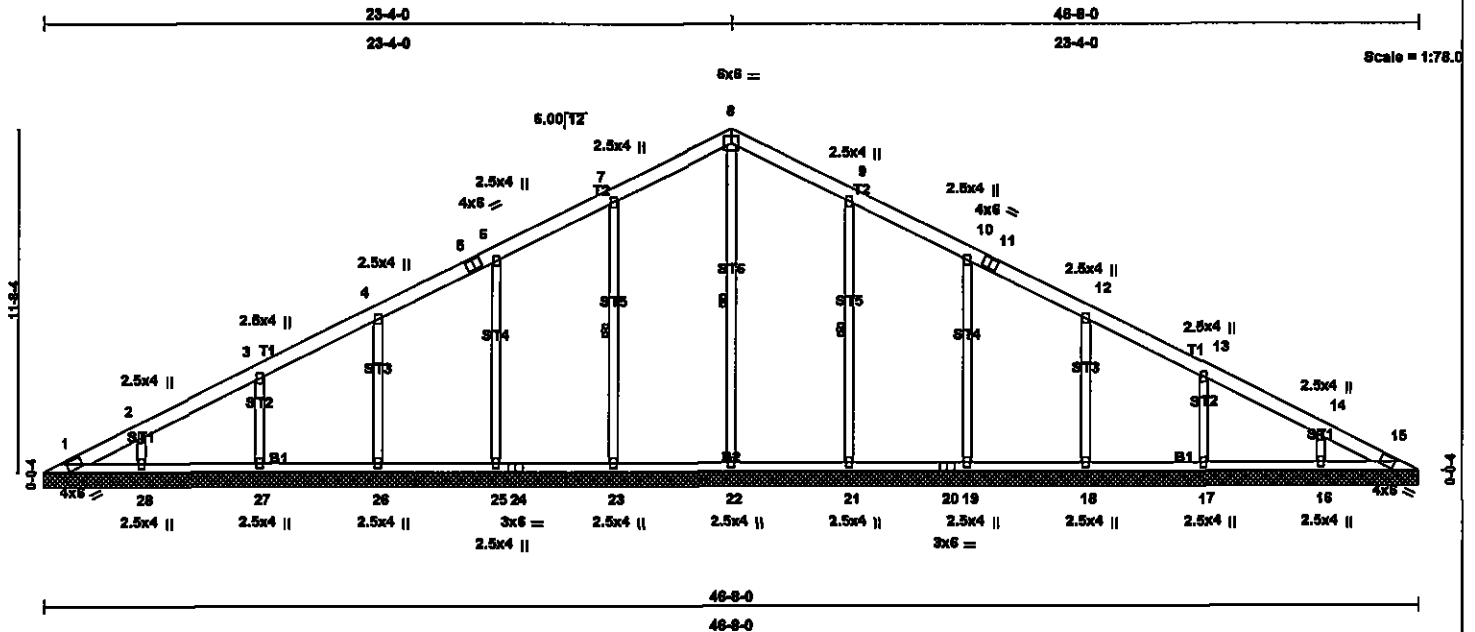


Plate Offsets (X,Y): [9:0-2-14,0-0-8], [10:0-2-14,0-0-8], [11:0-3-0,0-0-12], [12:0-2-14,0-0-8], [13:0-2-14,0-0-8], [14:0-2-14,0-0-8], [15:0-2-8,0-0-12], [16:0-2-0,0-0-8], [17:0-2-0,0-0-8], [18:0-2-0,0-0-8], [19:0-2-0,0-0-8], [20:0-3-0,0-0-4], [21:0-2-0,0-0-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.12	In (loc)	MII20	197/144
TCDL 15.0	Plates Increase 1.15	BC 0.10	Vert(LL)		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.58	Vert(TL)		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL)		
	Code IBC2000/ANSI95				
					Weight: 213 lb

LUMBER TOP CHORD 2 X 6 SPF 1650F 1.5E BOT CHORD 2 X 4 SPF No.2 OTHERS 2 X 4 SPF Stud *Except* ST6 2 X 4 SPF No.2, ST5 2 X 4 SPF No.2, ST5 2 X 4 SPF No.2	BRACING TOP CHORD Sheathed or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt 8-22, 7-23, 9-21
--	--

REACTIONS (lb/size) 1=126/46-8-0, 22=378/46-8-0, 23=436/46-8-0, 25=421/46-8-0, 26=440/46-8-0, 27=448/46-8-0, 28=402/46-8-0, 21=436/46-8-0, 19=421/46-8-0, 18=440/46-8-0, 17=448/46-8-0, 16=402/46-8-0, 15=126/46-8-0
 Max Horz 1=334(load case 8)
 Max Uplift 23=129(load case 8), 25=-144(load case 8), 26=-128(load case 8), 27=-133(load case 8), 28=-119(load case 8), 21=-126(load case 9), 19=-145(load case 9), 18=-128(load case 9), 17=-133(load case 9), 16=-119(load case 9)
 Max Grav 1=166(load case 2), 22=385(load case 3), 23=642(load case 2), 25=603(load case 2), 26=626(load case 2), 27=638(load case 2), 28=573(load case 2), 21=642(load case 3), 19=603(load case 3), 18=626(load case 3), 17=638(load case 3), 16=573(load case 3), 15=166(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-355/30, 2-3=-263/53, 3-4=-197/118, 4-5=-197/164, 5-6=-40/181, 6-7=-195/284, 7-8=-204/418, 8-9=-204/418, 9-10=-195/284, 10-11=-40/140, 11-12=-197/124, 12-13=-197/52, 13-14=-197/52, 14-15=-295/30
 BOT CHORD 1-28=0/0, 27-28=0/0, 26-27=0/0, 25-26=0/0, 24-25=0/0, 23-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/286, 18-19=0/286, 17-18=0/286, 16-17=0/286, 15-16=0/286
 WEBS 8-22=-303/0, 7-23=-566/227, 6-25=-542/251, 4-26=-545/242, 3-27=-557/250, 2-28=-496/219, 9-21=-566/227, 10-19=-542/251, 12-18=-545/242, 13-17=-557/250, 14-16=-496/219

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 23, 144 lb uplift at joint 25, 128 lb uplift at joint 26, 133 lb uplift at joint 27, 119 lb uplift at joint 28, 126 lb uplift at joint 21, 145 lb uplift at joint 19, 128 lb uplift at joint 18, 133 lb uplift at joint 17 and 119 lb uplift at joint 16.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V2	VALLEY SET	3x5 = 1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mike Industries, Inc. Mon May 03 16:49:18 2004 Page 1		

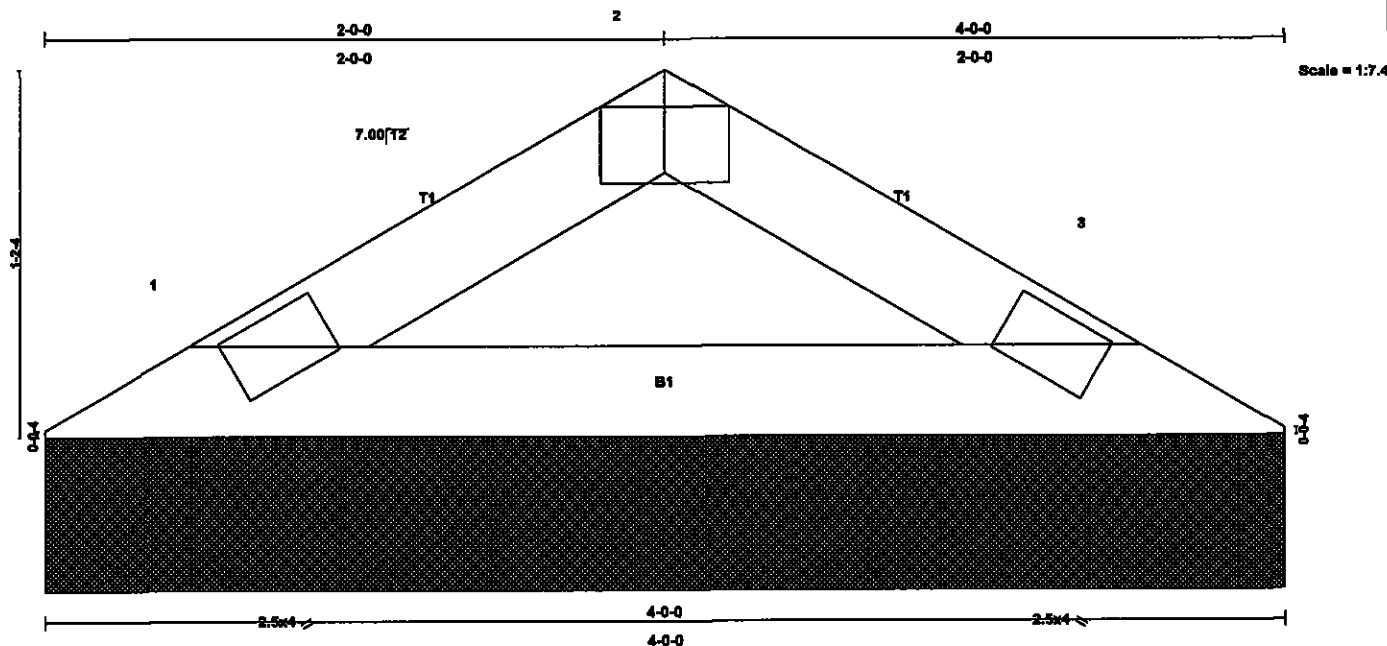


Plate Offsets (X,Y): [3:0-1-0,0-0-8]

LOADING (psf)	SPACING	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.06	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Plates Increase 1.15	BC 0.10	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)							
	Code IBC2000/ANSI95								
								Weight: 9 lb	

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

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

REACTIONS (lb/size) 1=165/4-0-0, 3=165/4-0-0
Max Horz 1=-33(load case 4)
Max Uplift 1=-19(load case 6), 3=-19(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-161/61, 2-3=-161/61
BOT CHORD 1-3=-24/115

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) Gable requires continuous bottom chord bearing.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1 and 19 lb uplift at joint 3.

LOAD CASE(S) Standard

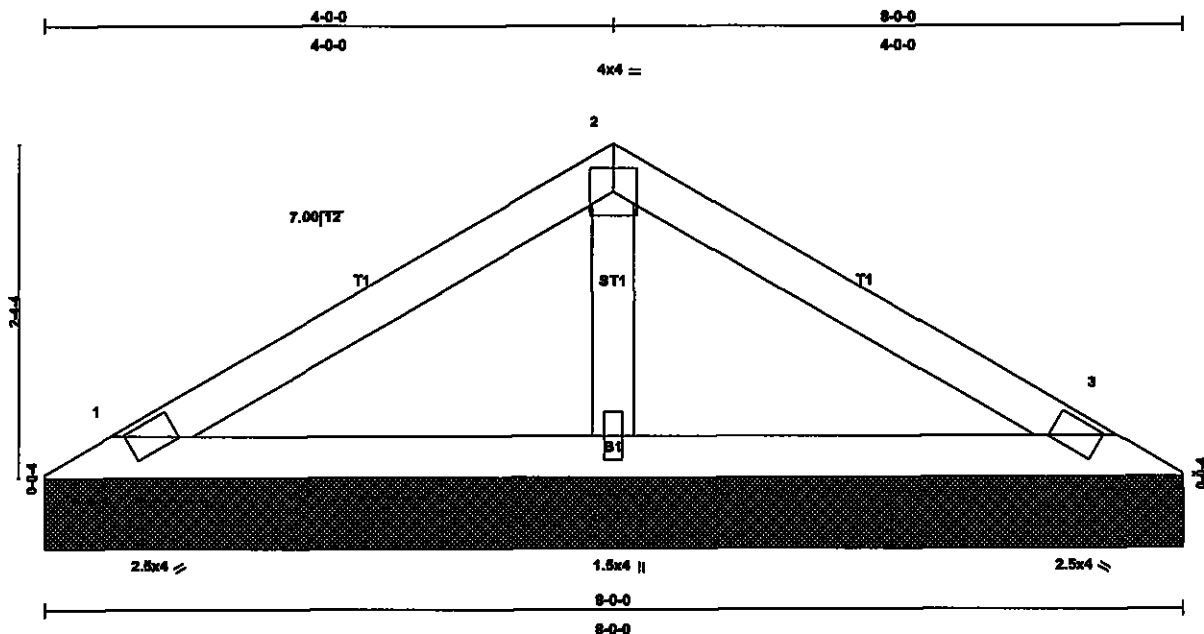


Plate Offsets (X,Y): [3'-0"-1'-0",0'-0"-8"]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	2'-0"	TC 0.45	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Plates Increase 1.15	BC 0.13	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.06	Horz(TL)	0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)						
	Code IBC2000/ANSI95						Weight: 20 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 OTHERS 2 X 4 SPF Stud

BRACING
 TOP CHORD Sheathed or 6'-0" oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS (lb/size) 1=208/8'-0", 3=208/8'-0", 4=354/8'-0"
 Max Horz 1=77(load case 7)
 Max Uplift 1=43(load case 8), 3=52(load case 9), 4=3(load case 8)
 Max Grav 1=275(load case 2), 3=275(load case 3), 4=354(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-134/61, 2-3=-134/52
 BOT CHORD 1-4=-14/41, 3-4=-14/41
 WEBS 2-4=-266/82

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable and zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 1'-0" wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 43 lb uplift at joint 1, 52 lb uplift at joint 3 and 3 lb uplift at joint 4.

LOAD CASE(S) Standard

Job 1132714	Truss V2B	Truss Type VALLEY SET	Qty 1	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5:200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:20 2004 Page 1		

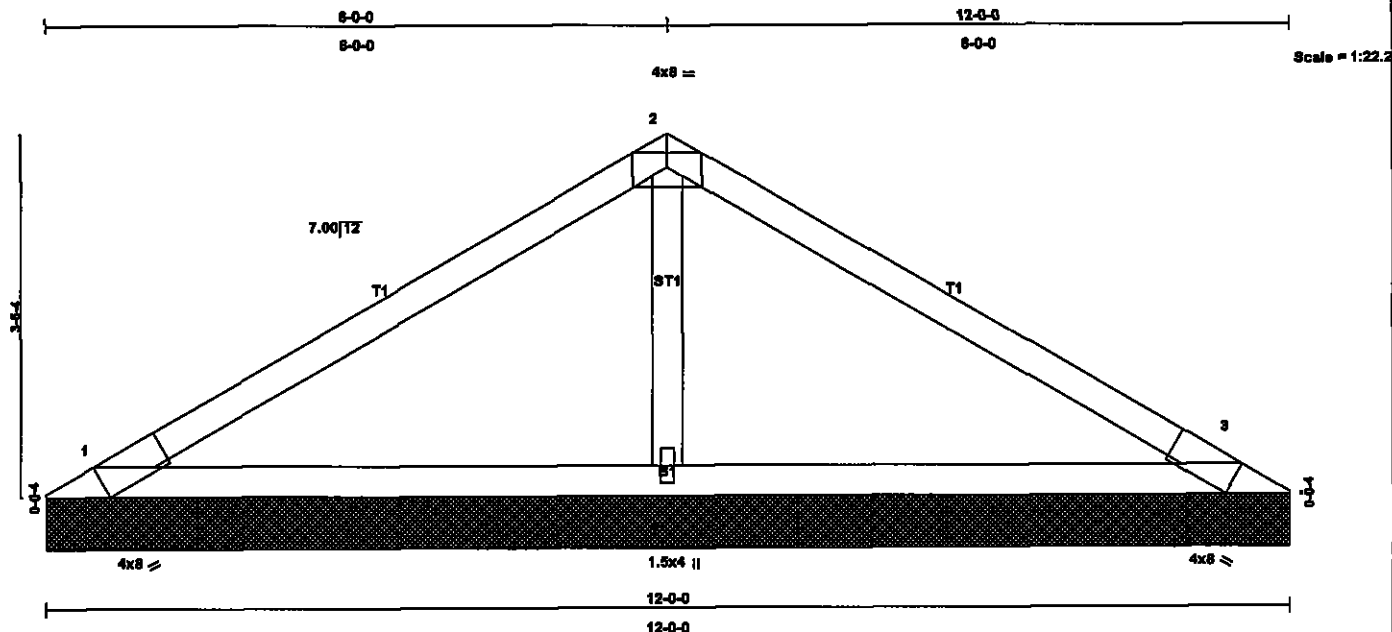


Plate Offsets (X,Y): [1:0-7-15,Edge], [3:0-7-15,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.58	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.44	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.14	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 32 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

BRACING
TOP CHORD Sheathed or 6'-0" oc purlins.
BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS (lb/size) 1=275/12'-0", 3=275/12'-0", 4=660/12'-0"
Max Horz 1=-121(load case 6)
Max Uplift 1=-46(load case 8), 3=-59(load case 9), 4=-49(load case 8)
Max Grav 1=386(load case 2), 3=386(load case 3), 4=660(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-258/102, 2-3=-258/102
BOT CHORD 1-4=-21/82, 3-4=-21/82
WEBS 2-4=-468/134

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 1'-0" wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 1, 59 lb uplift at joint 3 and 49 lb uplift at joint 4.

LOAD CASE(S) Standard

JOB 1132714	Truss V2C	Truss Type VALLEY SET	Qty 1	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:20 2004 Page 1		

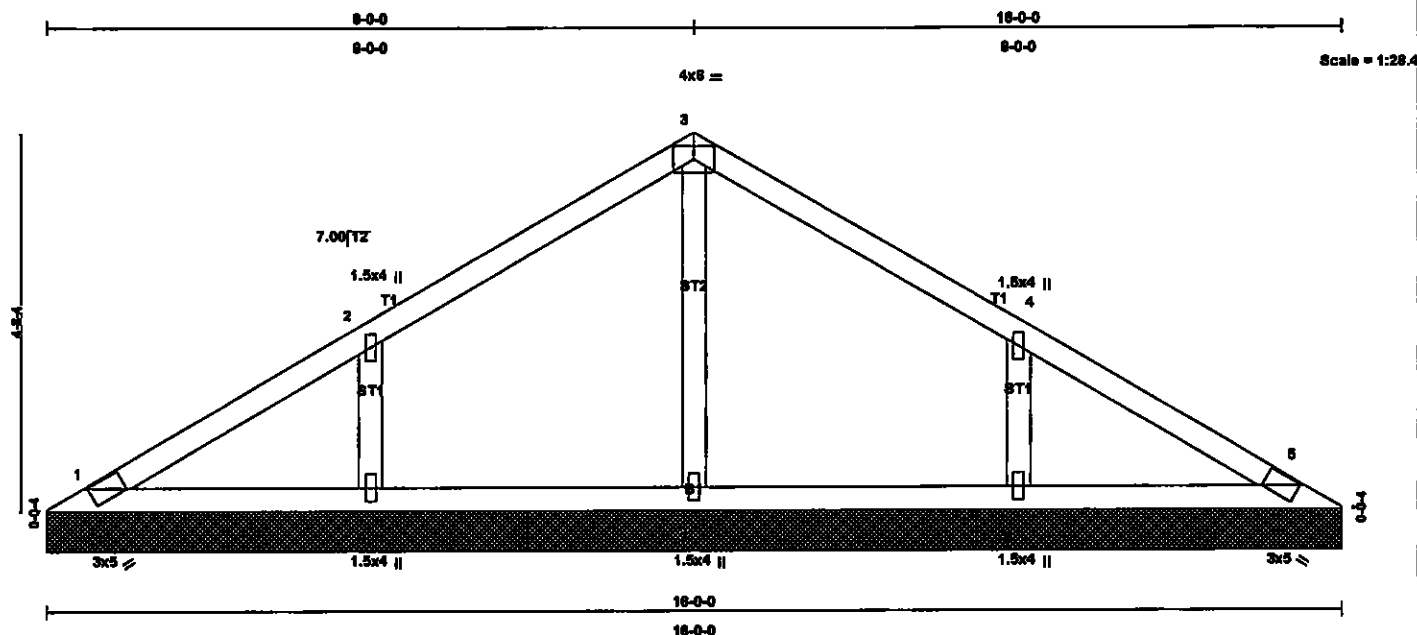


Plate Offsets (X,Y): [4:0-3-0,0-1-0], [5:0-0-8,Edge], [6:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	l/def	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.31	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.13	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.13	Horz(TL)	0.00	5	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 47 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=176/16-0-0, 5=176/16-0-0, 7=373/16-0-0, 8=462/16-0-0, 6=462/16-0-0
Max Horz 1=-165(load case 6)
Max Uplift 1=-19(load case 9), 5=-1(load case 8), 8=-162(load case 8), 6=-162(load case 9)
Max Grav 1=222(load case 2), 5=222(load case 3), 7=373(load case 1), 8=655(load case 2), 6=655(load case 3)

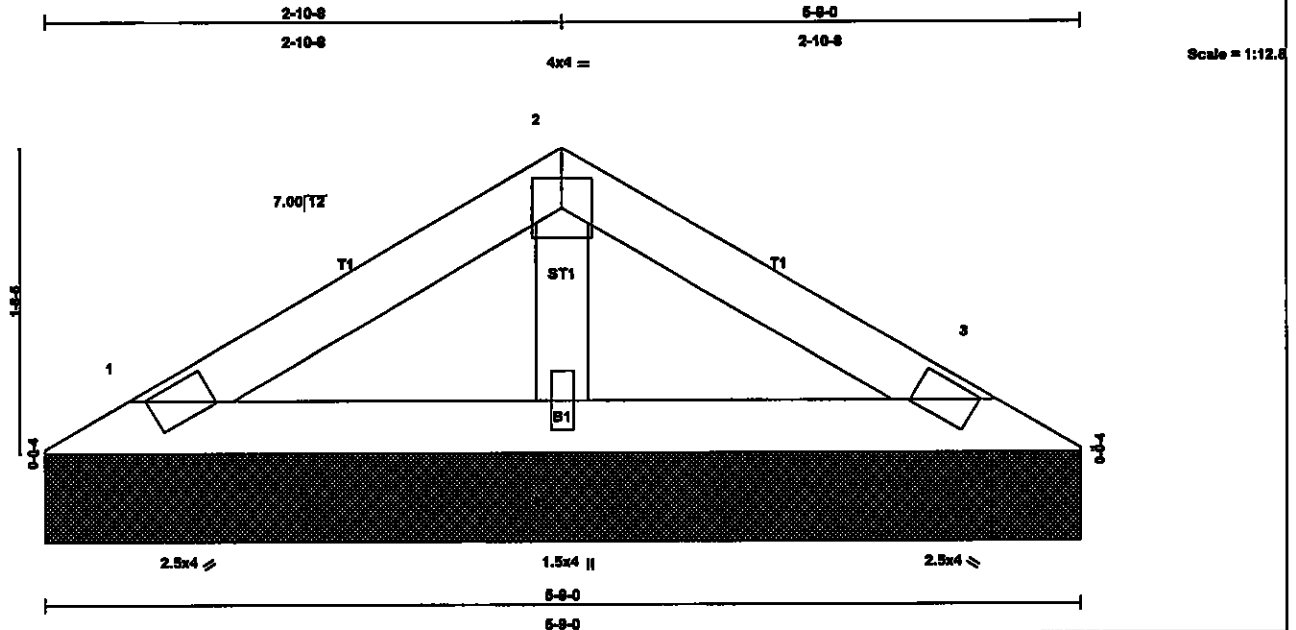
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-146/114, 2-3=-193/134, 3-4=-193/125, 4-5=-146/83
BOT CHORD 1-8=-30/83, 7-8=-30/83, 6-7=-30/83, 5-6=-30/83
WEBS 3-7=-302/19, 2-8=-548/200, 4-6=-548/199

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1, 1 lb uplift at joint 5, 162 lb uplift at joint 8 and 162 lb uplift at joint 6.

LOAD CASE(S) Standard

JOB 1132714	Truss V3	Truss Type VALLEY SET	Qty 2	Plg 1	KRISTIN HAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:49:21 2004 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.21	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.06	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.04	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 14 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

BRACING
TOP CHORD Sheathed or 5-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=141/5-9-0, 3=141/5-9-0, 4=240/5-9-0
Max Horz 1=-52(load case 6)
Max Uplift 1=-29(load case 8), 3=-35(load case 9), 4=-2(load case 8)
Max Grav 1=186(load case 2), 3=186(load case 3), 4=240(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-91/41, 2-3=-91/36
BOT CHORD 1-4=-10/28, 3-4=-10/28
WEBS 2-4=-181/59

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 1, 35 lb uplift at joint 3 and 2 lb uplift at joint 4.

LOAD CASE(S) Standard

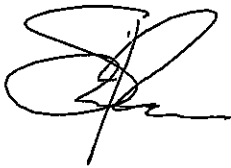
Re: 76061

Kristi Shay

The truss drawing(s) referenced below have been prepared by 84 Components, Eighty Four, PA under my direct supervision based on the parameters provided by 84 Components Pennington.

Pages or sheets covered by this seal: E1012506 thru E1012518

My license renewal date for the state of New Jersey is



April 16, 2004

Steven Lieberman

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

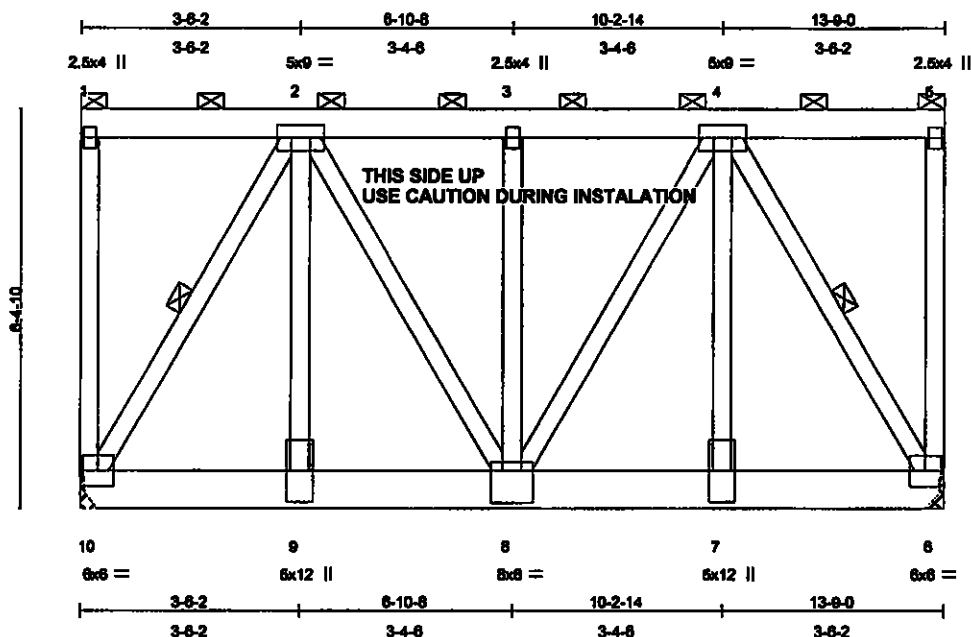


Plate Offsets (X,Y): [8:0-4:0,0-6-4]

LOADING (psf)	SPACING	CSI	DEFL	In	(oc)	Vdefl	L/d	PLATES	GRIP
TCLL 34.6	Plates Increase 1.15	TC 0.50	Vert(LL) 0.07	8-9	>999	240		MI20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.51	Vert(TL) -0.09	8-9	>999	180			
BCLL 0.0	Rep Stress Incr NO	WB 0.95	Horz(TL) 0.02	6	n/a	n/a			
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)							
									Weight: 251 lb

LUMBER

TOP CHORD 2 X 6 SPF 1650F 1.5E
 BOT CHORD 2 X 8 SYP No.1
 WEBS 2 X 4 SPF Stud

BRACING

TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals
 (Switched from sheeted: Spacing > 2-0-0).
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 2-10, 4-6
 JOINTS 1 Brace at Jt(s): 1, 5

REACTIONS (lb/size) 10=8108/Mechanical, 6=8108/Mechanical
 Max Uplift 10=4521(load case 3), 6=4521(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-10=-272/197, 1-2=-66/37, 2-3=-4862/2706, 3-4=-4862/2706, 4-5=-66/37, 5-6=-272/197
 BOT CHORD 9-10=-1976/3537, 8-9=-1976/3537, 7-8=-1976/3537, 6-7=-1976/3537
 WEBS 2-10=-6967/3892, 2-8=-1730/3309, 2-6=-1465/2659, 3-8=-405/326, 4-8=-1465/2659, 4-7=-1730/3309, 4-6=-6967/3892

NOTES

- 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows:
 Top chords connected as follows: 2 X 4 - 2 rows 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 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.80 plate grip DOL=1.80.
- TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4521 lb uplift at joint 10 and 4521 lb uplift at joint 6.
- Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

- Snow: Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2

[Signature]

April 16, 2004

Job 76061	Truss FGR	Truss Type GIRDER	Qty 1	Ply 2	Kristi Shay	E1012506
--------------	--------------	----------------------	----------	----------	-------------	----------

84 Components, Pennington, NJ 08534

Job Reference (optional)
5.200 s Dec 2 2003 MITek Industries, Inc. Thu Apr 15 17:08:33 2004 Page 2

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 1-5=-134, 6-10=-1071(F=-1041)

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job 78061	Truss T1	Truss Type COMMON	Qty 5	Ply 1	Kristi Shay	E1012507
--------------	-------------	----------------------	----------	----------	-------------	----------

84 Components, Pennington, NJ 08534

5,200 s Dec 2 2003 Mitek Industries, Inc. Thu Apr 15 17:08:33 2004 Page 1

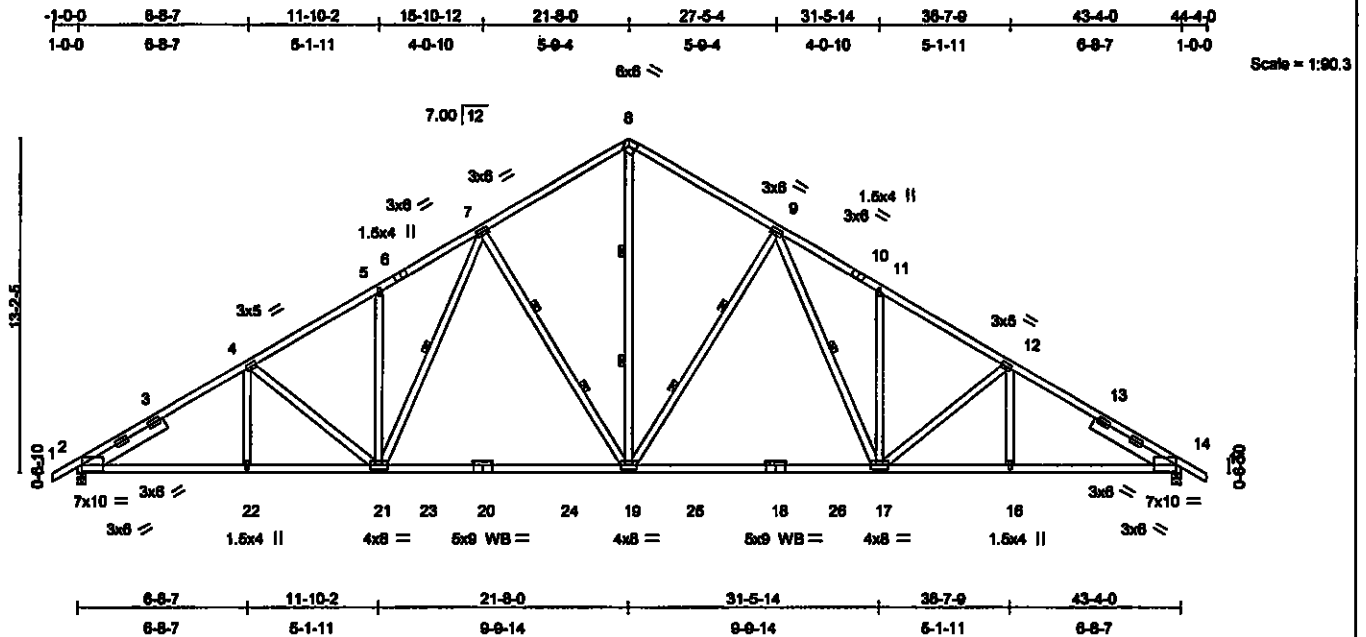


Plate Offsets (X,Y): [2:0-0-12,0-3-0], [8:0-3-11,0-3-0], [14:0-0-12,0-3-0], [20:0-4-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 34.7	2-0-0	TC 1.00	Vert(LL)	-0.51 19-21	>999	240	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.88	Vert(TL)	-0.75 19-21	>687	180		
BCLL 0.0	Lumber Increase 1.15	WB 0.68	Horz(TL)	0.16 14	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)						
	Code IBC2000/ANSI95						Weight: 224 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2 *Except*
 1-8 2 X 4 SPF 1650F 1.5E, 10-15 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 2400F 2.0E *Except*
 18-20 2 X 4 SPF 2100F 1.8E
 WEBS 2 X 4 SPF Stud *Except*
 7-21 2 X 4 SPF No.2, 7-19 2 X 4 SPF No.2, 8-19 2 X 4 SPF No.2
 9-19 2 X 4 SPF No.2, 9-17 2 X 4 SPF No.2
 SLIDER Left 2 X 6 SPF 1650F 1.5E 3-8-10, Right 2 X 6 SPF 1650F 1.5E 3-8-10

BRACING

TOP CHORD Sheathed.
 BOT CHORD Rigid ceiling directly applied or 6-4-13 oc bracing.
 WEBS 1 Row at midpt 7-21, 9-17
 2 Rows at 1/3 pts 7-19, 8-19, 9-19

REACTIONS (lb/size) 2=2677/0-4-0, 14=2677/0-4-0

Max Horz 2=636(load case 7)
 Max Uplift 2=-1198(load case 8), 14=-1198(load case 9)
 Max Grav 2=3346(load case 2), 14=3346(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/53, 2-3=-5157/1986, 3-4=-4958/2013, 4-5=-4465/1916, 5-6=-4410/2129, 6-7=-4148/2151, 7-8=-2923/1657,
 8-9=-2923/1657, 9-10=-4147/2151, 10-11=-4410/2129, 11-12=-4465/1916, 12-13=-4958/2013, 13-14=-5157/1986,
 14-15=0/53
 BOT CHORD 2-22=-1648/4196, 21-22=-1648/4196, 21-23=-1007/3123, 20-23=-1007/3123, 20-24=-1007/3123, 19-24=-1007/3123,
 19-25=-891/3123, 18-25=-891/3123, 18-26=-891/3123, 17-26=-891/3123, 16-17=-1478/4196, 14-16=-1478/4196
 WEBS 4-22=0/179, 4-21=-645/479, 5-21=-627/428, 7-21=-684/1457, 7-19=-1500/849, 8-19=-1220/2154, 9-19=-1500/849,
 9-17=-683/1457, 11-17=-627/428, 12-17=-645/480, 12-16=0/179

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1198 lb uplift at joint 2 and 1198 lb uplift at joint 14.

LOAD CASE(S) Standard

April 16, 2004

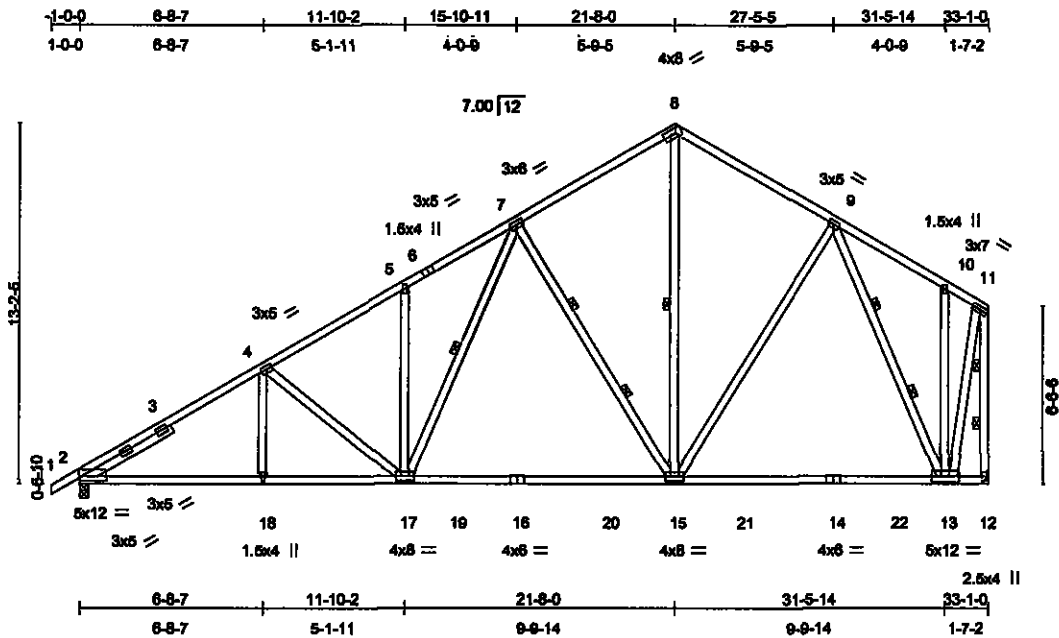
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE
 Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability 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-86 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job 78081	Truss T1A	Truss Type COMMON	Qty 8	Ply 1	Krist Shay	E1012508
--------------	--------------	----------------------	----------	----------	------------	----------

84 Components, Pennington, NJ 08634

Job Reference (optional)
5,200 s Dec 2 2003 Mitek Industries, Inc. Thu Apr 15 17:08:33 2004 Page 1



Scale = 1:83.7

Plate Offsets (X,Y): [2:0-1-8,0-2-0], [8:0-5-2,0-2-0], [16:0-3-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase 1.15	TC 0.92	Vert(LL) -0.38	15-17	>999	240	MI120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.77	Vert(TL) -0.55	15-17	>713	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.86	Horz(TL) 0.08	12	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)						
							Weight: 190 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF 2100F 1.8E *Except*
2-16 2 X 4 SPF 2400F 2.0E
WEBS 2 X 4 SPF Stud *Except*
7-17 2 X 4 SPF No.2, 7-15 2 X 4 SPF No.2, 8-15 2 X 4 SPF No.2
9-15 2 X 4 SPF No.2, 9-13 2 X 4 SPF No.2
SLIDER Left 2 X 4 SPF Stud 3-8-10

BRACING

TOP CHORD Sheathed or 2-5-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-5-4 oc bracing.
WEBS 1 Row at midpt 7-17, 8-15
2 Rows at 1/3 pts 7-15, 9-13, 11-12

REACTIONS

(lb/size) 2=2050/0-4-0, 12=2082/Mechanical
Max Horz 2=756(load case 7)
Max Uplift 2=933(load case 8), 12=838(load case 8)
Max Grav 2=2755(load case 2), 12=2172(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/53, 2-3=-4078/1368, 3-4=-3881/1391, 4-5=-3351/1274, 5-6=-3285/1482, 6-7=-3023/1504, 7-8=-1782/1001,
8-9=-1568/1002, 9-10=-841/394, 10-11=-568/243, 11-12=-2313/895
BOT CHORD 2-18=-1805/3284, 17-18=-1805/3284, 17-19=-936/2148, 18-19=-936/2148, 18-20=-936/2148, 15-20=-936/2148,
15-21=-481/1012, 14-21=-481/1012, 14-22=-481/1012, 13-22=-481/1012, 12-13=-11/18
WEBS 4-18=0/187, 4-17=-716/510, 5-17=-605/421, 7-17=-693/1477, 7-15=-1530/859, 8-15=-565/1072, 9-15=-218/790,
9-13=-1428/714, 10-13=-303/258, 11-13=-761/1995

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 933 lb uplift at joint 2 and 838 lb uplift at joint 12.

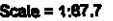
LOAD CASE(S) Standard

[Signature]

April 16,2004

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

84
COMPONENTS



Weight: 254 lb

BRACING	
TOP CHORD	Sheathed or 2-5-8 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-5-11 oc bracing.
WEBS	1 Row at midpt 7-21, 8-17
	2 Rows at 1/3 pts 7-19, 8-19, 9-19

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-5521/1938, 3-4=-5322/1965, 4-5=-4885/1894, 5-6=-4787/2082, 6-7=-4534/2104, 7-8=-3284/1583,

Job	Truss	Truss Type	Qty	Ply	Kristi Shay	E1012509
78061	T1B	COMMON	5	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Fri Apr 16 08:02:12 2004 Page 2

NOTES

- 10) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 80.0lb down at 25-5-0, 80.0lb down at 27-11-0, and 108.8lb down and 32.7lb up at 15-5-0, and 108.8lb down and 32.7lb up at 17-11-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.
- 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-8=-89, 8-15=-89, 2-23=-20, 23-26=-80, 26-27=-20, 27-30=-80, 14-30=-20

Concentrated Loads (lb)

Vert: 24=-80(F) 25=-80(F) 26=-80 29=-80

- 10) IBC Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-159, 2-8=-20, 8-14=-20, 14-15=-159, 2-14=-20

Concentrated Loads (lb)

Vert: 24=-21(F) 25=-21(F) 26=-80 29=-80

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



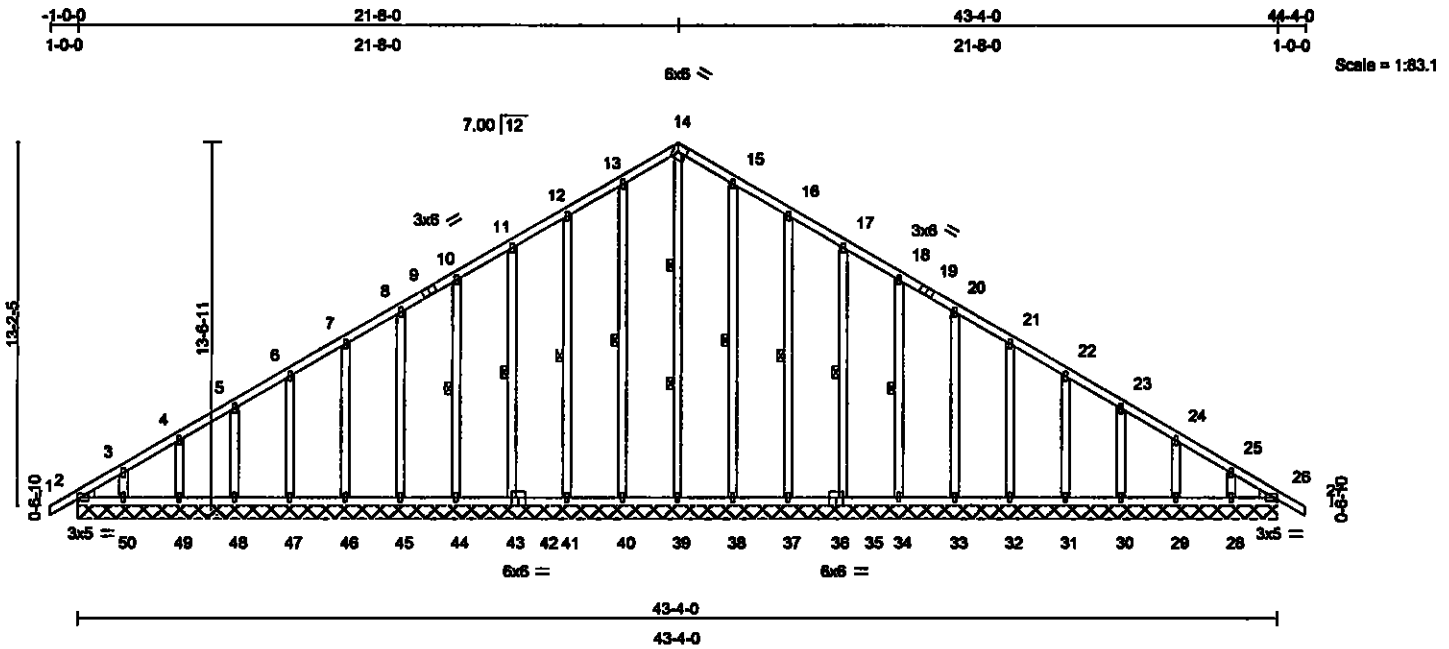


Plate Offsets (X,Y): [14:0-3-11,0-3-0], [42:0-3-0,Edge]									
LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc)		PLATES GRIP	
TCLL	34.7	Plates Increase	1.15	TC	0.25	Vert(LL)	n/a - n/a	999	Mil20 197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.12	Vert(TL)	-0.01 1 >999	180	
BCLL	0.0	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.02 26 n/a	n/a	
BCDL	10.0	Code	IBC2000/ANSI95	(Matrix)				Weight: 267 lb	

LUMBER TOP CHORD 2 X 4 SPF No.2 BOT CHORD 2 X 4 SPF No.2 OTHERS 2 X 4 SPF Stud *Except* ST11 2 X 4 SPF No.2, ST10 2 X 4 SPF No.2, ST9 2 X 4 SPF No.2 ST8 2 X 4 SPF No.2, ST7 2 X 4 SPF No.2, ST10 2 X 4 SPF No.2 ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2, ST7 2 X 4 SPF No.2	BRACING TOP CHORD Sheathed or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt 13-40, 12-41, 11-43, 10-44, 15-38, 16-37, 17-35, 18-34 2 Rows at 1/3 pts 14-39
--	--

WEDGE
 Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

REACTIONS (lb/size) 2=211/43-4-0, 39=189/43-4-0, 40=217/43-4-0, 41=218/43-4-0, 43=208/43-4-0, 44=220/43-4-0, 45=217/43-4-0, 46=219/43-4-0, 47=219/43-4-0, 48=217/43-4-0, 49=227/43-4-0, 50=179/43-4-0, 38=217/43-4-0, 37=218/43-4-0, 35=208/43-4-0, 34=220/43-4-0, 33=217/43-4-0, 32=219/43-4-0, 31=219/43-4-0, 30=217/43-4-0, 29=227/43-4-0, 28=179/43-4-0, 26=211/43-4-0

Max Horz 2=670(load case 8)

Max Uplift 2=-104(load case 6), 40=-140(load case 6), 41=-195(load case 6), 43=-183(load case 6), 44=-181(load case 6), 45=-179(load case 6), 46=-180(load case 6), 47=-180(load case 6), 48=-178(load case 6), 49=-187(load case 6), 50=-233(load case 6), 38=-134(load case 9), 37=-197(load case 9), 35=-183(load case 9), 34=-181(load case 9), 33=-179(load case 9), 32=-180(load case 9), 31=-180(load case 9), 30=-178(load case 9), 29=-187(load case 9), 28=-225(load case 9), 26=-31(load case 7)

Max Grav 2=371(load case 7), 39=393(load case 9), 40=333(load case 2), 41=325(load case 2), 43=315(load case 2), 44=328(load case 2), 45=324(load case 2), 46=327(load case 2), 47=327(load case 2), 48=323(load case 2), 49=339(load case 2), 50=284(load case 2), 38=333(load case 3), 37=325(load case 3), 35=315(load case 3), 34=328(load case 3), 33=324(load case 3), 32=327(load case 3), 31=327(load case 3), 30=323(load case 3), 29=339(load case 3), 28=284(load case 3), 26=319(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-726/162, 3-4=-590/175, 4-5=-498/198, 5-6=-408/222, 6-7=-318/245, 7-8=-228/268, 8-9=-139/285, 9-10=-133/292, 10-11=-105/337, 11-12=-104/412, 12-13=-105/497, 13-14=-108/581, 14-15=-108/581, 15-16=-105/497, 16-17=-104/379, 17-18=-105/271, 18-19=-32/189, 19-20=-104/183, 20-21=-110/150, 21-22=-200/127, 22-23=-290/104, 23-24=-382/80, 24-25=-500/57, 25-26=-650/38, 26-27=0/52

BOT CHORD 2-50=0/0, 49-50=0/0, 48-49=0/0, 47-48=0/0, 46-47=0/0, 45-46=0/0, 44-45=0/0, 43-44=0/0, 42-43=0/0, 41-42=0/0, 40-41=0/0, 39-40=0/0, 38-39=0/0, 37-38=0/0, 36-37=0/0, 35-36=4/608, 34-35=-4/608, 33-34=-4/608, 32-33=-4/608, 31-32=-4/608, 30-31=-4/608, 29-30=-4/608, 28-29=-4/608, 26-28=-4/608

WEBS 14-39=-386/0, 13-40=-293/184, 12-41=-287/218, 11-43=-285/201, 10-44=-288/205, 8-45=-284/202, 7-46=-287/204, 6-47=-288/204, 5-48=-284/202, 4-49=-294/210, 3-50=-245/262, 15-38=-293/159, 16-37=-287/220, 17-35=-285/201, 18-34=-288/205, 20-33=-284/202, 21-32=-287/204, 22-31=-288/204, 23-30=-284/202, 24-29=-294/210, 25-28=-245/254

April 16, 2004

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE

Design valid for use only with MITEK connectors. This design is based only upon parameters shown, and is for an individual building component 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 CIST-88 Quality Standard, DSB-89 Bracing Specification, and 8CSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	Kristl Shay	E1012510
78081	T1G	GE 24	1	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

6.200 s Dec 2 2003 MITek Industries, Inc. Fri Apr 16 08:02:46 2004 Page 2

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially, MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TCDL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 34.8 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) All plates are 1.5x4 Mil20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Gable studs spaced at 2-0-0 oc.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 2, 140 lb uplift at joint 40, 195 lb uplift at joint 41, 183 lb uplift at joint 43, 181 lb uplift at joint 44, 179 lb uplift at joint 45, 180 lb uplift at joint 46, 180 lb uplift at joint 47, 178 lb uplift at joint 48, 187 lb uplift at joint 49, 233 lb uplift at joint 50, 134 lb uplift at joint 38, 197 lb uplift at joint 37, 183 lb uplift at joint 35, 181 lb uplift at joint 34, 179 lb uplift at joint 33, 180 lb uplift at joint 32, 180 lb uplift at joint 31, 178 lb uplift at joint 30, 187 lb uplift at joint 29, 225 lb uplift at joint 28 and 31 lb uplift at joint 26.

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 583 D'Oroffo Drive, Madison, WI 53718



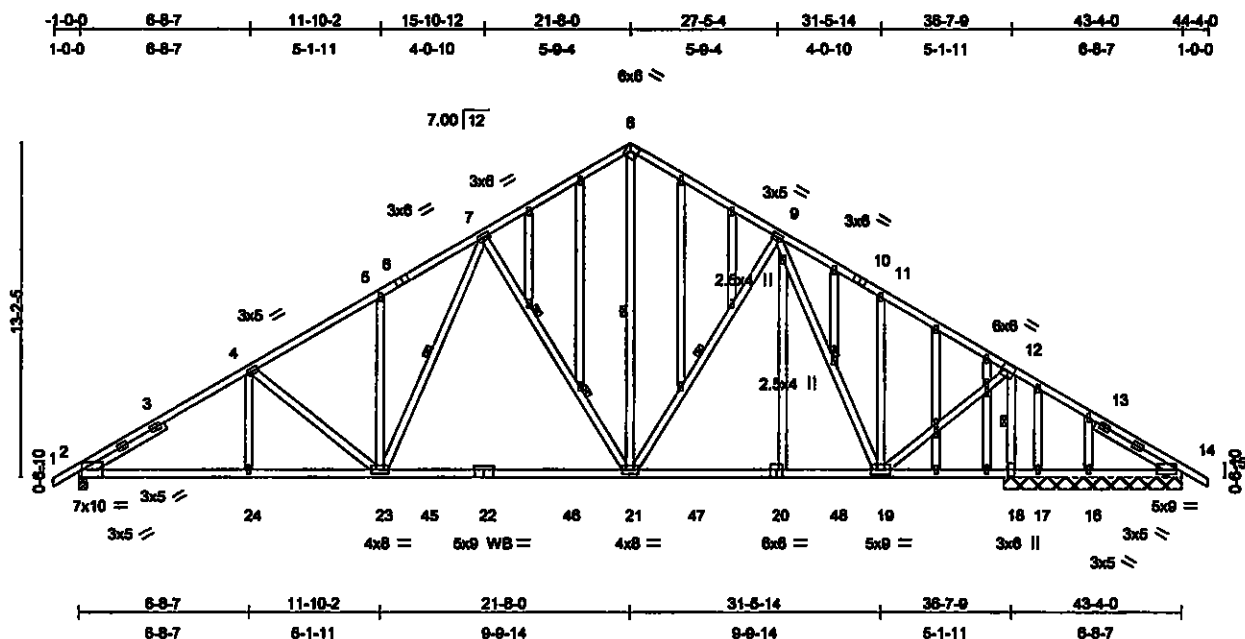


Plate Offsets (X,Y): [8:0-3-11,0-3-0], [14:0-1-4,0-2-4], [22:0-4-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	V/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase 1.15	TC 0.93	Vert(LL) -0.40	21-23	>999	240	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.81	Vert(TL) -0.59	21-23	>739	180		
BCDL 0.0	Rep Stress Incr YES	WB 0.94	Horz(TL) 0.09	18	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)						
							Weight: 279 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF 2400F 2.0E *Except*
 20-22 2 X 4 SPF 2100F 1.8E
WEBS
 2 X 4 SPF Stud *Except*
 7-23 2 X 4 SPF No.2, 7-21 2 X 4 SPF No.2, 8-21 2 X 4 SPF No.2
 9-21 2 X 4 SPF No.2, 9-19 2 X 4 SPF No.2
OTHERS
 2 X 4 SPF Stud *Except*
 25-28 2 X 4 SPF No.2, 29-30 2 X 4 SPF No.2, 33-34 2 X 4 SPF No.2
SLIDER
 Left 2 X 4 SPF Stud 3-8-10, Right 2 X 4 SPF Stud 3-8-10

BRACING
 TOP CHORD Sheathed or 2-4-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 7-23, 8-21, 9-21, 9-19, 12-18
 2 Rows at 1/3 pts 7-21

REACTIONS (lb/size) 2=2221/0-4-0, 18=2950/7-0-0, 14=48/7-0-0, 17=83/7-0-0, 16=224/7-0-0
 Max Horz 2=638(load case 7)
 Max Uplift 2=-1027(load case 8), 18=-1237(load case 9), 14=-268(load case 2), 17=-131(load case 3), 16=-128(load case 9)
 Max Grav 2=2927(load case 2), 18=3327(load case 3), 14=368(load case 3), 17=149(load case 9), 16=297(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-4392/1597, 3-4=-3994/1623, 4-5=-3875/1512, 5-6=-3614/1723, 6-7=-3352/1745, 7-8=-2114/1245, 8-9=-1939/1245, 9-10=-1534/1057, 10-11=-1796/1035, 11-12=-1887/837, 12-13=-211/876, 13-14=-233/805, 14-15=0/52
BOT CHORD 2-24=-1384/3550, 23-24=-1384/3550, 23-45=-725/2431, 22-45=-725/2431, 22-46=-725/2431, 21-46=-725/2431, 21-47=-322/1657, 20-47=-322/1657, 20-48=-322/1657, 19-48=-322/1657, 18-19=-688/362, 17-18=-688/362, 16-17=-688/362, 14-16=-688/362
WEBS 4-24=0/185, 4-23=-695/500, 5-23=-614/423, 7-23=-690/1473, 7-21=-1518/856, 8-21=-807/1345, 9-21=-323/477, 9-19=-982/292, 11-19=-554/401, 12-19=-723/2192, 12-18=-3249/1408

- NOTES**
- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.80 plate grip DOL=1.80. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
 - 3) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) All plates are 1.5x4 MII20 unless otherwise indicated.
 - 8) Gable studs spaced at 2-0-0 oc.
- Continued on page 2

April 16, 2004

Job	Truss	Truss Type	Qty	Ply	Kristl Shay	E1012511
76061	T1GA	GE 24	1	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Thu Apr 15 17:08:36 2004 Page 2

NOTES

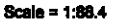
- 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 1'-0" wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1027 lb uplift at joint 2, 1237 lb uplift at joint 18, 268 lb uplift at joint 14, 131 lb uplift at joint 17 and 128 lb uplift at joint 16.

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 563 D'Onofrio Drive, Madison, WI 53719





LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	V/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase 1.15	TC 0.79	Vert(LL) -0.35 17-18	>999	240	M120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.99	Vert(TL) -0.45 17-18	>999	180		
BCLL 0.0	Rep Stress Incr NO	WB 0.98	Horz(TL) 0.12 13	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)				Weight: 1073 lb	

84 COMPONENTS

Job	Truss	Truss Type	Qty	Ply	Kristi Shay	E1012512
78061	T1GR	GIRDER	2	3	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Fri Apr 16 08:03:32 2004 Page 2

NOTES

- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-0" tall by 1'-0" wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5208 lb uplift at joint 13 and 2074 lb uplift at joint 2.
- 11) Load case(s) 9 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 12) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
- 13) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 11053.2lb down and 4123.5lb up at 33'-8" on bottom chord.
The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-6=-89, 6-11=-89, 11-12=-439(F=-350), 12-14=-439(F=-350), 2-22=-20, 22-27=-80, 27-28=-20, 18-28=-60, 13-18=-20, 11-26=-350(F), 25-28=-350(F)

Concentrated Loads (lb)

Vert: 17=-8108(F)

- 9) IBC Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-159, 2-6=-20, 6-11=-20, 11-12=-113(F=-93), 12-14=-113(F=-93), 2-13=-20, 11-26=-93(F), 25-28=-93(F)

Concentrated Loads (lb)

Vert: 17=-2172(F)

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE

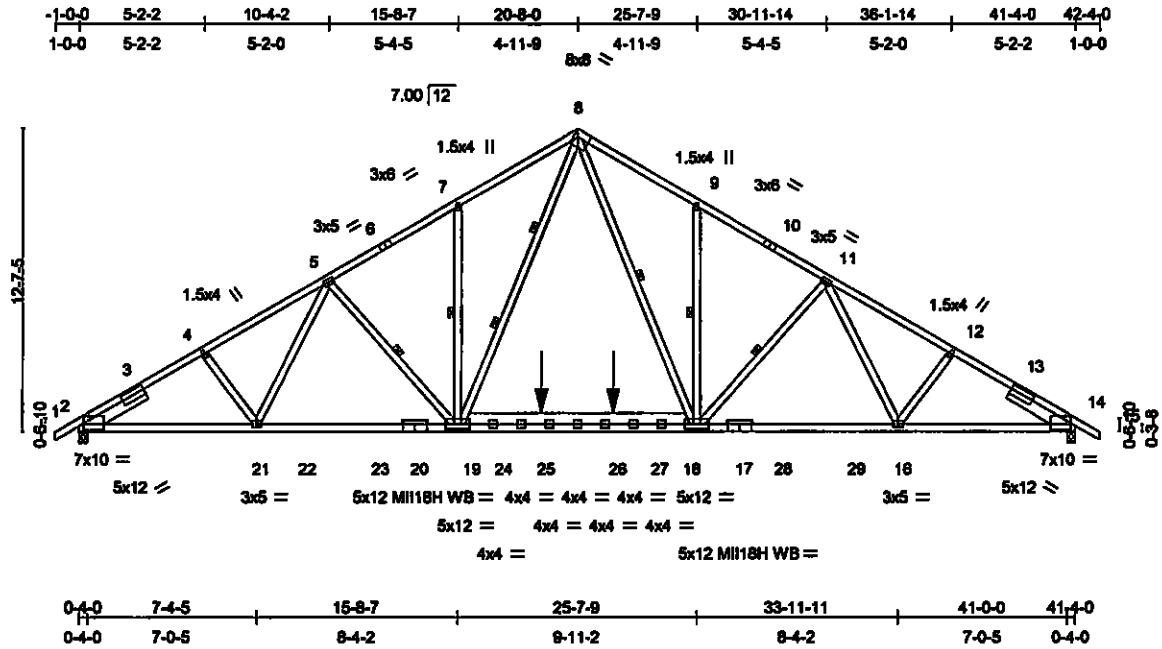
Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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 BCSI-03 available from Truss Plate Institute, 563 D'Oroffo Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	Kristi Shay	E1012513
78061	T2	SCISSOR	11	1		
Job Reference (optional)						

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MiTek Industries, Inc. Fri Apr 18 08:08:37 2004 Page 1



Scale: 1/8\"=1'

Plate Offsets (X,Y): [2:0-0-12,0-3-0], [8:Edge,0-3-8], [14:0-0-12,0-3-0], [20:0-6-0,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	Vdefl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase	1.15	TC 0.94	Vert(LL)	-0.36	18-19	>999	240	MI20 197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.85	Vert(TL)	-0.59	18-19	>838	180	MI18H 141/138
BCLL 0.0	Rep Stress Incr	YES	WB 1.00	Horz(TL)	0.16	14	n/a	n/a	
BCDL 10.0	Code	IBC2000/ANSI85	(Matrix)						Weight: 224 lb

LUMBER
TOP CHORD 2 X 4 SPF No.2 *Except
T1 2 X 4 SPF 1650F 1.5E, T1 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 2400F 2.0E *Except
B2 2 X 4 SPF 2100F 1.8E, B3 2 X 6 SPF 1650F 1.5E
WEBS 2 X 4 SPF No.2 *Except
W5 2 X 4 SPF Stud, W4 2 X 4 SPF Stud, W4 2 X 4 SPF Stud
W5 2 X 4 SPF Stud
SLIDER Left 2 X 6 SPF 1650F 1.5E 2-11-1, Right 2 X 6 SPF 1650F 1.5E 2-11-1

BRACING
TOP CHORD Sheathed or 1-10-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-14 oc bracing.
WEBS 1 Row at midpt 5-19, 7-19, 8-18, 9-18, 11-18
2 Rows at 1/3 pts 8-19

REACTIONS (lb/size) 2=2888/0-4-0, 14=2896/0-4-0
Max Horz 2=-609(load case 6)
Max Uplift 2=-1046(load case 8), 14=-1046(load case 9)
Max Grav 2=3348(load case 2), 14=3348(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-5236/1735, 3-4=-5045/1751, 4-5=-4831/1754, 5-6=-3836/1479, 6-7=-3633/1508, 7-8=-3784/1758, 8-9=-3784/1758, 9-10=-3633/1508, 10-11=-3836/1479, 11-12=-4831/1754, 12-13=-5045/1751, 13-14=-5236/1735, 14-15=0/53
BOT CHORD 2-21=-1461/4245, 21-22=-1154/3835, 22-23=-1154/3835, 20-23=-1154/3835, 19-20=-1145/3838, 19-24=-411/2356, 24-25=-411/2356, 25-26=-411/2356, 26-27=-411/2356, 18-27=-411/2356, 17-18=-1010/3838, 17-28=-1019/3835, 28-29=-1019/3835, 16-29=-1019/3835, 14-16=-1268/4245
WEBS 4-21=-366/377, 5-21=-208/462, 5-19=-1011/625, 7-19=-721/512, 8-19=-819/2120, 8-18=-816/2120, 9-18=-721/512, 11-18=-1011/631, 11-16=-217/462, 12-16=-366/376

- NOTES**
- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=8.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
 - 5) 200.0lb AC unit load placed on the bottom chord, 20-8-0 from left end, supported at two points, 3-0-0 apart.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) All plates are MI20 plates unless otherwise indicated.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1046 lb uplift at joint 2 and 1046 lb uplift at joint 14.

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MI1-7473 BEFORE USE
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component 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 GST-86 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 563 D'Onofrio Drive, Madison, WI 53719

[Signature]

April 16, 2004



Job	Truss	Truss Type	Qty	Ply	Kristl Shay	E1012513
78061	T2	SCISSOR	11	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Fri Apr 16 08:08:37 2004 Page 2

NOTES

10) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100.0lb down at 19-2-0, and 100.0lb down at 22-2-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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-86 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 563 D'Onofrio Drive, Madison, WI 53716



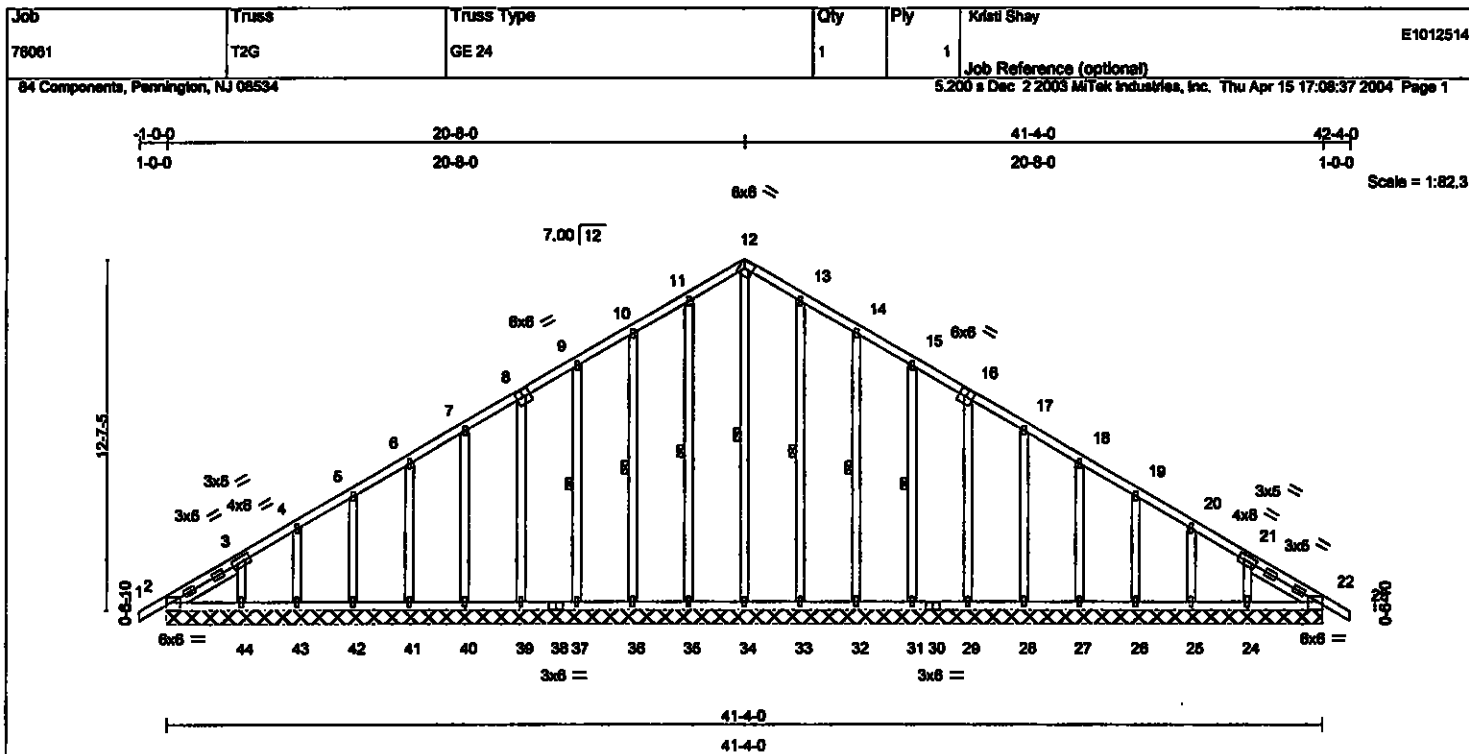


Plate Offsets (X,Y): [12-0-3-11,0-3-0]							
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	L/def	L/d
TCLL 34.7	Plates Increase	1.15	TC 0.20	Vert(LL)	n/a	n/a	999
TCDL 10.0	Lumber Increase	1.15	BC 0.06	Vert(TL)	-0.01	23	>999
BCLL 0.0	Rep Stress Incr	YES	WB 0.33	Horz(TL)	0.01	22	n/a
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)				
							Weight: 253 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SPF 2400F 2.0E *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
30-38 2 X 4 SPF No.2	6-0-0 oc bracing: 2-44,43-44,42-43,41-42,40-41,39-40.
OTHERS 2 X 4 SPF Stud *Except*	WEBS 1 Row at midpt
12-34 2 X 4 SPF No.2, 11-35 2 X 4 SPF No.2, 10-36 2 X 4 SPF No.2	12-34, 11-35, 10-36, 9-37, 13-33, 14-32, 15-31
9-37 2 X 4 SPF No.2, 8-39 2 X 4 SPF No.2, 13-33 2 X 4 SPF No.2	
14-32 2 X 4 SPF No.2, 15-31 2 X 4 SPF No.2, 16-29 2 X 4 SPF No.2	
SLIDER Left 2 X 4 SPF Stud 2-9-3, Right 2 X 4 SPF Stud 2-9-3	

REACTIONS (lb/size) 2=254/41-4-0, 22=254/41-4-0, 34=188/41-4-0, 35=216/41-4-0, 36=221/41-4-0, 37=211/41-4-0, 39=216/41-4-0, 40=218/41-4-0, 41=218/41-4-0, 42=221/41-4-0, 43=209/41-4-0, 44=282/41-4-0, 33=216/41-4-0, 32=221/41-4-0, 31=211/41-4-0, 29=216/41-4-0, 28=219/41-4-0, 27=218/41-4-0, 26=221/41-4-0, 25=209/41-4-0, 24=262/41-4-0

Max Horz 2=678(load case 8)
 Max Uplift 2=68(load case 8), 22=-19(load case 7), 35=-147(load case 8), 36=-192(load case 8), 37=-181(load case 8), 39=-183(load case 8), 40=-179(load case 8), 41=-180(load case 8), 42=-181(load case 8), 43=-173(load case 8), 44=-270(load case 8), 33=-143(load case 9), 32=-193(load case 9), 31=-181(load case 9), 29=-183(load case 9), 28=-179(load case 9), 27=-180(load case 9), 26=-181(load case 9), 25=-173(load case 9), 24=-268(load case 9)
 Max Grav 2=383(load case 2), 22=383(load case 3), 34=318(load case 9), 35=334(load case 2), 36=329(load case 2), 37=319(load case 2), 39=325(load case 2), 40=328(load case 2), 41=327(load case 2), 42=331(load case 2), 43=314(load case 2), 44=390(load case 2), 33=334(load case 3), 32=329(load case 3), 31=319(load case 3), 29=325(load case 3), 28=328(load case 3), 27=327(load case 3), 26=331(load case 3), 25=314(load case 3), 24=390(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-889/114, 3-4=-523/134, 4-5=-435/158, 5-6=-345/161, 6-7=-255/204, 7-8=-165/228, 8-9=-109/251, 9-10=-109/325, 10-11=-109/409, 11-12=-113/497, 12-13=-113/497, 13-14=-109/409, 14-15=-109/291, 15-16=-109/201, 16-17=-109/147, 17-18=-174/124, 18-19=-284/101, 19-20=-358/77, 20-21=-488/54, 21-22=-838/66, 22-23=0/52
BOT CHORD 2-44=0/0, 43-44=0/0, 42-43=0/0, 41-42=0/0, 40-41=0/0, 39-40=0/0, 38-39=0/0, 37-38=0/0, 36-37=0/0, 35-36=0/0, 34-35=0/0, 33-34=0/0, 32-33=0/0, 31-32=0/0, 30-31=0/0, 29-30=0/634, 28-29=0/634, 27-28=0/634, 26-27=0/634, 25-26=0/634, 24-25=0/634, 22-24=0/634
WEBS 12-34=310/0, 11-35=-294/171, 10-36=-288/216, 9-37=-288/201, 8-39=-289/205, 7-40=-287/203, 6-41=-288/204, 5-42=-289/205, 4-43=-280/198, 3-44=-333/290, 13-33=-294/167, 14-32=-288/218, 15-31=-286/200, 16-29=-289/205, 17-28=-287/203, 18-27=-288/204, 19-26=-289/205, 20-25=-280/198, 21-24=-333/286

[Signature]

Continued on page 2

April 16, 2004

Job	Truss	Truss Type	Qty	Ply	Krist Shay	E1012514
78061	T2G	GE 24	1	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MiTek Industries, Inc. Thu Apr 15 17:08:37 2004 Page 2

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially, MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 3) TCDL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1; L= 45-0-0
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) All plates are 1.5x4 M120 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Gable studs spaced at 2-0-0 oc.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint 2, 19 lb uplift at joint 22, 147 lb uplift at joint 35, 192 lb uplift at joint 36, 181 lb uplift at joint 37, 183 lb uplift at joint 39, 179 lb uplift at joint 40, 180 lb uplift at joint 41, 181 lb uplift at joint 42, 173 lb uplift at joint 43, 270 lb uplift at joint 44, 143 lb uplift at joint 33, 193 lb uplift at joint 32, 181 lb uplift at joint 31, 183 lb uplift at joint 29, 179 lb uplift at joint 28, 180 lb uplift at joint 27, 181 lb uplift at joint 26, 173 lb uplift at joint 25 and 286 lb uplift at joint 24.

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE
 Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 563 D'Ondrio Drive, Madison, WI 53719



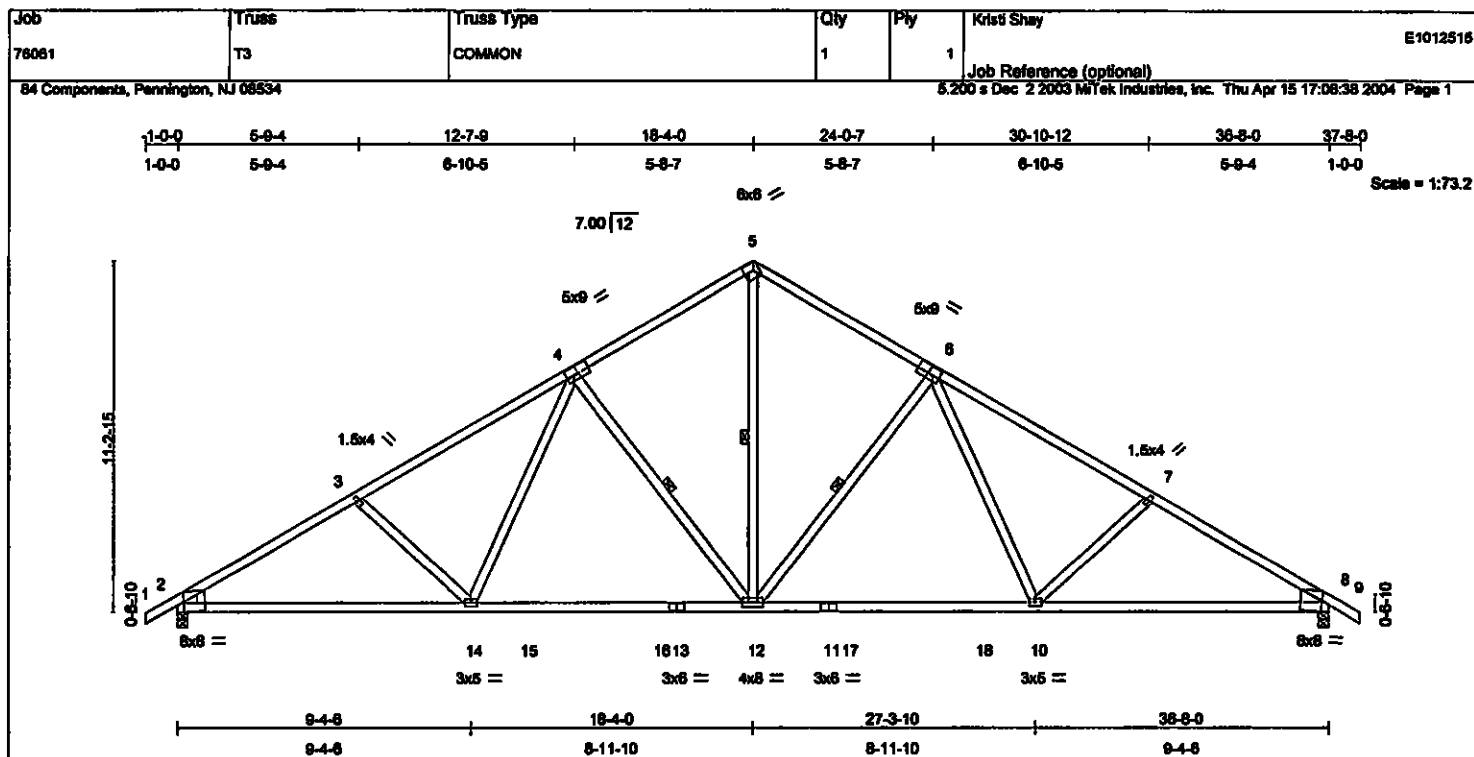


Plate Offsets (X,Y): [2:0-1-1,Edge], [4:0-4-8,0-3-0], [5:0-3-11,0-3-0], [6:0-4-8,0-3-0], [8:0-1-1,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	Vdefl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase	1.15	TC 0.90	Vert(LL)	-0.33 12-14	>999	240	M120	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.85	Vert(TL)	-0.48 12-14	>907	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.86	Horz(TL)	0.12 8	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 158 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2 *Except*
1-4 2 X 4 SPF 1850F 1.5E, 6-9 2 X 4 SPF 1850F 1.5E

BOT CHORD 2 X 4 SPF 2400F 2.0E *Except*

11-13 2 X 4 SPF 1850F 1.5E

WEBS 2 X 4 SPF No.2 *Except*

3-14 2 X 4 SPF Stud, 7-10 2 X 4 SPF Stud

WEDGE

Left: 2 X 4 SPF Stud, Right: 2 X 6 SPF 1850F 1.5E

REACTIONS (lb/size) 2=2260/0-4-0, 8=2260/0-4-0

Max Horz 2=542(load case 6)

Max Uplift 2=1026(load case 8), 8=1026(load case 9)

Max Grav 2=2630(load case 2), 8=2630(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/53, 2-3=-4051/1736, 3-4=-3485/1650, 4-5=-2329/1396, 5-6=-2329/1396, 6-7=-3485/1650, 7-8=-4051/1736, 8-9=0/53

BOT CHORD 2-14=-1431/3264, 14-15=-929/2487, 15-16=-929/2487, 13-16=-929/2487, 12-13=-929/2487, 11-12=-819/2487, 11-17=-819/2487, 17-18=-819/2487, 10-18=-819/2487, 8-10=-1282/3264

WEBS 3-14=-633/537, 4-14=-288/808, 4-12=-1282/761, 5-12=-1024/1731, 6-12=-1282/762, 6-10=-288/808, 7-10=-633/537

NOTES

1) Wind: ASCE 7-98; 110mph; h=32ft; TCCL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1

3) Unbalanced snow loads have been considered for this design.

4) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.

5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.

6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1026 lb uplift at joint 2 and 1026 lb uplift at joint 8.

LOAD CASE(S) Standard

April 16, 2004

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE

Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component 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 CST-88 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE

Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component 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 CST-88 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



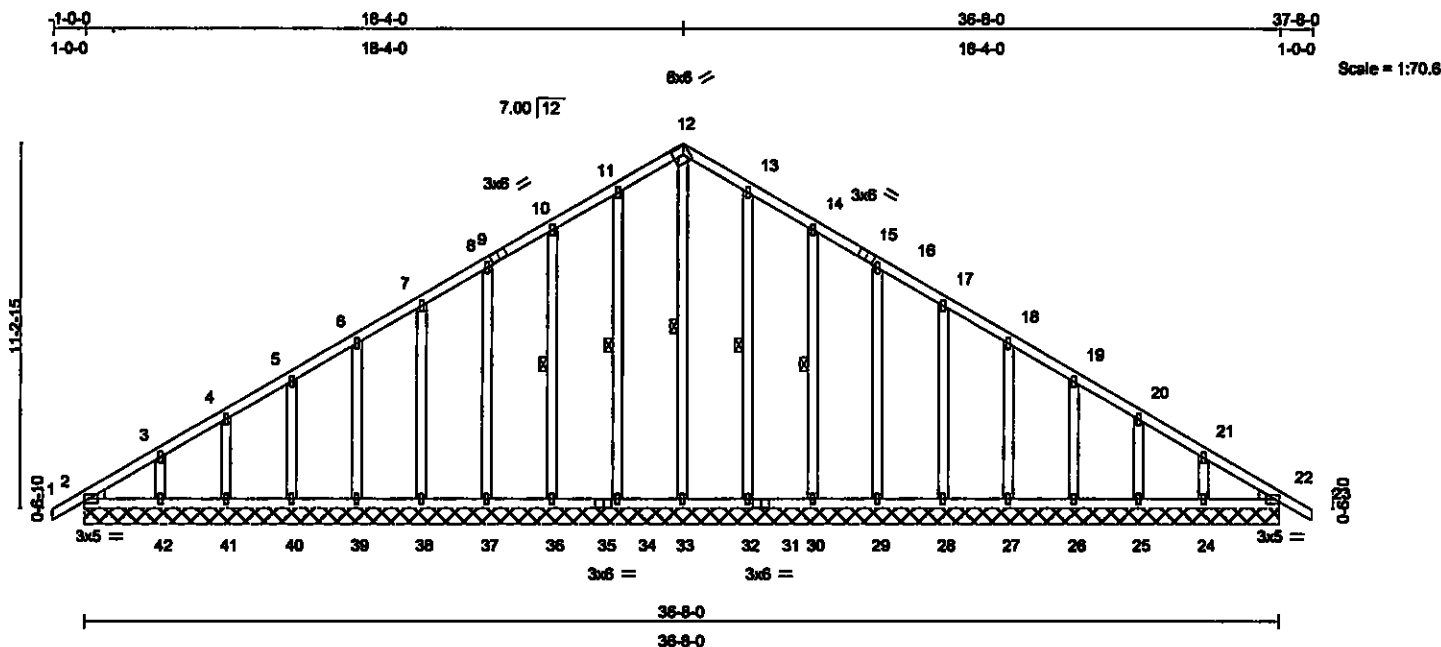


Plate Offsets (X,Y): [12:0-3-11,0-3-0], [13:0-0-0,0-0-0], [14:0-0-0,0-0-0], [16:0-0-0,0-0-0], [17:0-0-0,0-0-0], [18:0-0-0,0-0-0], [19:0-0-0,0-0-0], [20:0-0-0,0-0-0], [21:0-0-0,0-0-0], [24:0-0-0,0-0-0], [25:0-0-0,0-0-0], [26:0-0-0,0-0-0], [27:0-0-0,0-0-0], [28:0-0-0,0-0-0], [29:0-0-0,0-0-0], [30:0-0-0,0-0-0], [32:0-0-0,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase	1.15	TC 0.22	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.12	Vert(TL)	-0.01	1	>999		
BCLL 0.0	Rep Stress Incr	NO	WB 0.27	Horz(TL)	0.01	22	n/a		
BCDL 10.0	Code	IBC2000/ANSI85	(Matrix)						
								Weight: 206 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud "Except"
ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2, ST7 2 X 4 SPF No.2
ST8 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2, ST7 2 X 4 SPF No.2
ST6 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 12-33, 11-34, 10-36, 13-32, 14-30

WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

REACTIONS (lb/size) 2=235/36-8-0, 33=192/36-8-0, 34=207/36-8-0, 36=217/36-8-0, 37=220/36-8-0, 38=218/36-8-0, 39=219/36-8-0, 40=220/36-8-0, 41=212/36-8-0, 42=240/36-8-0, 32=207/36-8-0, 30=217/36-8-0, 29=220/36-8-0, 28=218/36-8-0, 27=219/36-8-0, 26=220/36-8-0, 25=212/36-8-0, 24=240/36-8-0, 22=235/36-8-0
Max Horz 2=584(load case 8)
Max Uplift 2=-96(load case 6), 34=-156(load case 8), 36=-192(load case 8), 37=-178(load case 8), 38=-179(load case 8), 39=-180(load case 8), 40=-181(load case 8), 41=-174(load case 8), 42=-250(load case 8), 32=-151(load case 9), 30=-194(load case 9), 29=-178(load case 9), 28=-179(load case 9), 27=-180(load case 9), 26=-181(load case 9), 25=-174(load case 9), 24=-244(load case 9), 22=-28(load case 7)
Max Grav 2=335(load case 2), 33=339(load case 9), 34=311(load case 2), 36=308(load case 2), 37=313(load case 2), 38=310(load case 2), 39=311(load case 2), 40=313(load case 2), 41=302(load case 2), 42=340(load case 2), 32=311(load case 3), 30=308(load case 3), 29=313(load case 3), 28=310(load case 3), 27=311(load case 3), 26=313(load case 3), 25=302(load case 3), 24=340(load case 3), 22=335(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-582/161, 3-4=-445/179, 4-5=-358/202, 5-6=-268/226, 6-7=-178/249, 7-8=-95/272, 8-9=-95/332, 9-10=-31/343, 10-11=-95/425, 11-12=-100/506, 12-13=-100/506, 13-14=-95/417, 14-15=-31/300, 15-16=-95/289, 16-17=-95/197, 17-18=-95/134, 18-19=-153/111, 19-20=-244/88, 20-21=-335/64, 21-22=-494/59, 22-23=0/52
BOT CHORD 2-42=0/0, 41-42=0/0, 40-41=0/0, 39-40=0/0, 38-39=0/0, 37-38=0/0, 36-37=0/0, 35-36=0/0, 34-35=0/0, 33-34=0/0, 32-33=0/0, 31-32=0/0, 30-31=-4/503, 29-30=-4/503, 28-29=-4/503, 27-28=-4/503, 26-27=-4/503, 25-26=-4/503, 24-25=-4/503, 22-24=-4/503
WEBS 12-33=-323/0, 11-34=-281/174, 10-36=-270/215, 8-37=-272/203, 7-38=-270/203, 6-39=-271/204, 5-40=-272/205, 4-41=-264/198, 3-42=-293/271, 13-32=-281/189, 14-30=-270/216, 16-29=-272/202, 17-28=-270/203, 18-27=-271/204, 19-26=-272/205, 20-25=-284/198, 21-24=-292/288

April 16, 2004

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED NITEK REFERENCE PAGE M11-7473 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 BCSI-03 available from Truss Plate Institute, 583 O'Conor Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	Kristi Shay	E1012516
78061	T3G	GE 24	1	1	Job Reference (optional)	

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Fri Apr 16 08:07:00 2004 Page 2

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCFL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 34.8 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) All plates are 1.5x4 M120 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Gable studs spaced at 2-0-0 oc.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 2, 156 lb uplift at joint 34, 192 lb uplift at joint 36, 178 lb uplift at joint 37, 179 lb uplift at joint 38, 180 lb uplift at joint 39, 181 lb uplift at joint 40, 174 lb uplift at joint 41, 250 lb uplift at joint 42, 151 lb uplift at joint 32, 194 lb uplift at joint 30, 178 lb uplift at joint 29, 179 lb uplift at joint 28, 180 lb uplift at joint 27, 181 lb uplift at joint 26, 174 lb uplift at joint 25, 244 lb uplift at joint 24 and 28 lb uplift at joint 22.

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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-86 Quality Standard, DSB-89 Bracing Specification, and BCSI-03 available from Truss Plate Institute, 583 O'Connell Drive, Madison, WI 53719



Job 78081	Truss T4	Truss Type COMMON	Qty 2	Ply 1	Kristi Shoy	E1012517
Job Reference (optional)						

84 Components, Pennington, NJ 08534

5.200 s Dec 2 2003 MITek Industries, Inc. Thu Apr 15 17:08:39 2004 Page 1

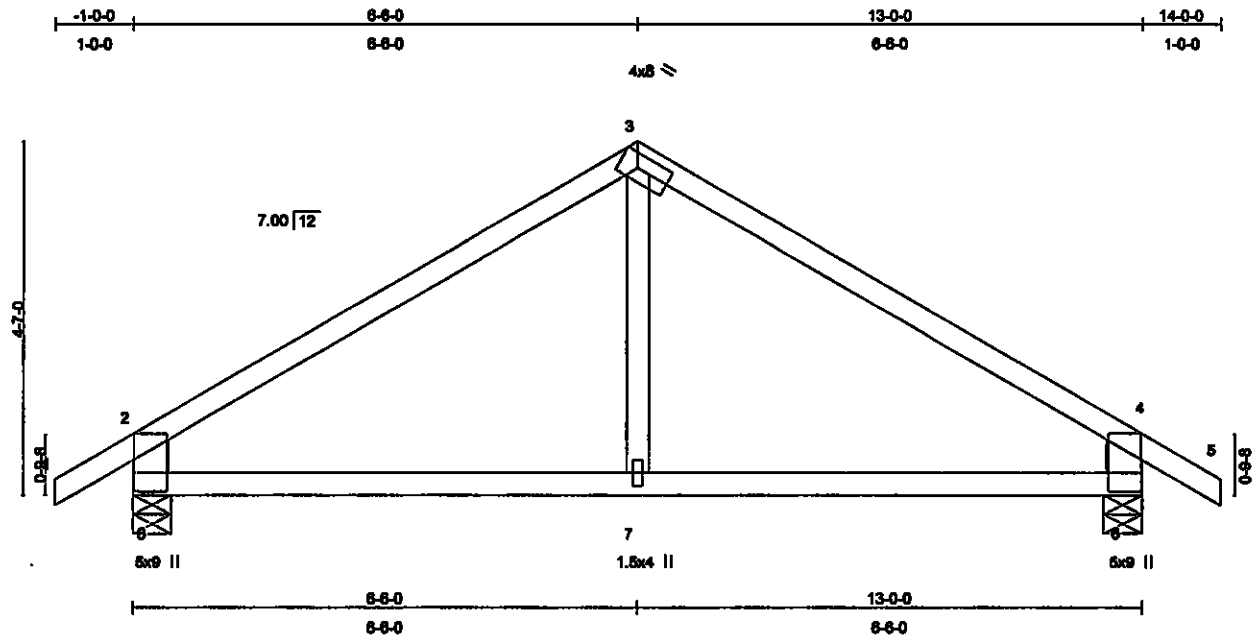


Plate Offsets (X,Y): [3-0-5-2,0-2-0], [6-0-3-13,0-2-8], [8-0-5-7,0-2-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase	1.15	TC 0.72	Vert(LL)	0.08	6-7	>999	240	M120	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.82	Vert(TL)	-0.08	5	>175	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.10	Horz(TL)	0.01	6	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 41 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 6 SPF 1850F 1.5E *Except*
3-7 2 X 4 SPF Stud

BRACING

TOP CHORD Sheathed or 5-2-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=795/0-6-0, 6=795/0-6-0

Max Horz 8=186(load case 7)
Max Uplift 8=419(load case 8), 6=419(load case 9)
Max Grav 8=968(load case 2), 6=968(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/98, 2-3=-812/382, 3-4=-812/381, 4-5=0/98, 2-8=-917/478, 4-6=-917/478
BOT CHORD 7-8=-198/561, 6-7=-198/561
WEBS 3-7=0/248

NOTES

- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially, MWFRS gable and zone and C-C Exterior(2) -1-0-0 to 14-0-0 zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 419 lb uplift at joint 8 and 419 lb uplift at joint 6.

LOAD CASE(S) Standard

[Signature]

April 16,2004

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE
Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component 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 BCSI-03 available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719

84
COMPONENTS

84 Components, Pennington, NJ 08534

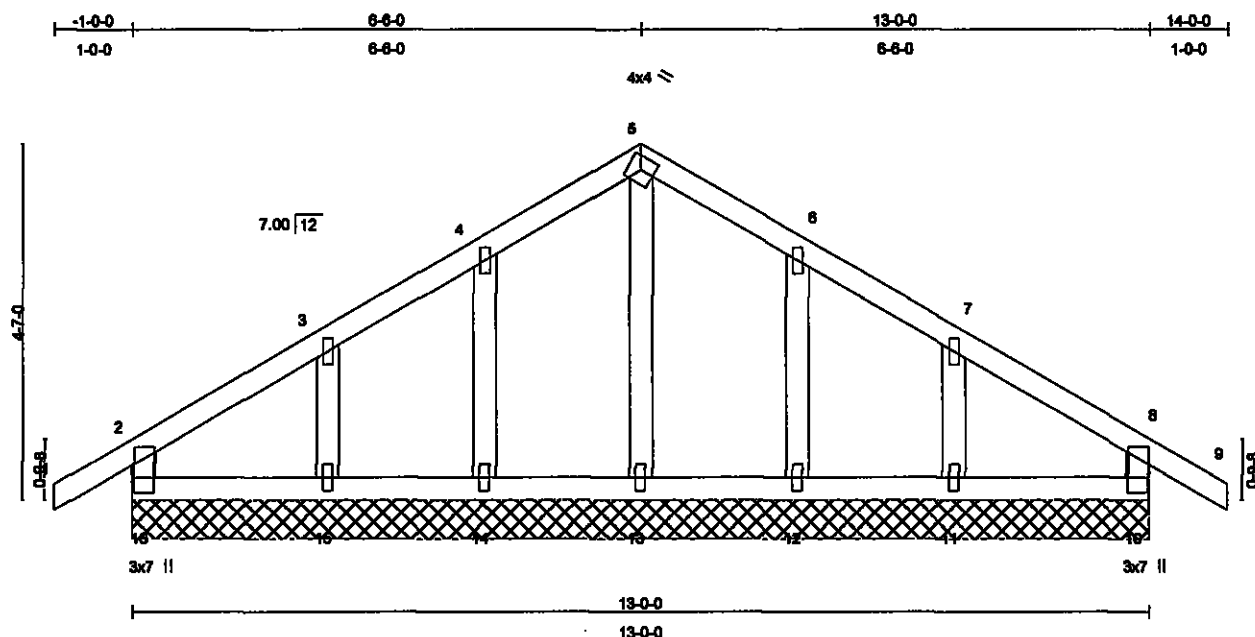
Job Reference (optional)
5.200 a Dec 2 2003 MITek Industries, Inc. Thu Apr 15 17:08:36 2004 Page 1


Plate Offsets (X,Y): [10:0-3-4,0-1-8], [16:0-4-4,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 34.7	Plates Increase	1.15	TC 0.29	Vert(LL)	n/a	-	n/a	999	MII20	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.12	Vert(TL)	-0.02	1	>793	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.08	Horz(TL)	0.00	10	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 51 lb	

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

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) 16=245/13-0-0, 10=245/13-0-0, 13=210/13-0-0, 14=216/13-0-0, 15=231/13-0-0, 12=216/13-0-0, 11=231/13-0-0
Max Horz 16=188(load case 7)
Max Uplift 16=118(load case 8), 10=139(load case 9), 14=157(load case 8), 15=238(load case 8), 12=160(load case 9), 11=229(load case 9)
Max Grav 16=359(load case 2), 10=359(load case 3), 13=210(load case 1), 14=321(load case 2), 15=324(load case 2), 12=321(load case 3), 11=324(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-16=333/204, 1-2=0/92, 2-3=-105/140, 3-4=-78/184, 4-5=-83/250, 5-6=-83/235, 6-7=-78/156, 7-8=-96/97, 8-9=0/92,
8-10=333/168
BOT CHORD 15-16=-65/184, 14-15=-65/184, 13-14=-65/184, 12-13=-65/184, 11-12=-65/184, 10-11=-65/184
WEBS 5-13=-170/0, 4-14=-281/188, 3-15=-283/241, 6-12=-281/191, 7-11=-283/240

NOTES

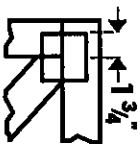
- 1) Wind: ASCE 7-98; 110mph; h=32ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; partially; MWFRS gable end zone and C-C Exterior(2) -1-0-0 to 14-0-0 zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TCLL: ASCE 7-98; Pg= 50.0 psf (ground snow); Category II; Exp C; Fully Exp.; Ct=1.1
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 34.6 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) All plates are 1.5x4 MII20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 2-0-0 oc.
- 11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 118 lb uplift at joint 16, 139 lb uplift at joint 10, 157 lb uplift at joint 14, 238 lb uplift at joint 15, 160 lb uplift at joint 12 and 229 lb uplift at joint 11.

LOAD CASE(S) Standard

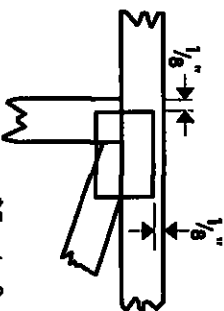
April 16, 2004

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 secure seal.



* 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.

PLATE SIZE

4 X 4

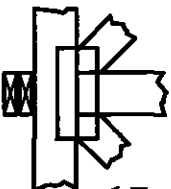
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



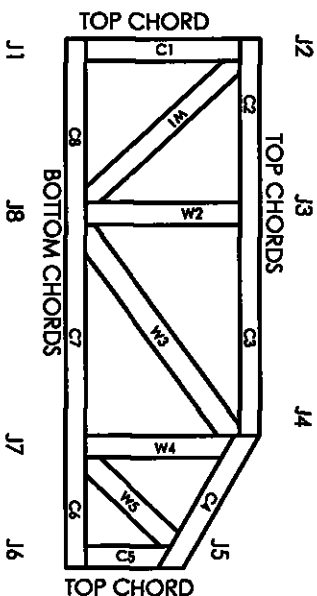
Indicates location of required continuous lateral bracing.

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	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DILHR	960022-W, 970036-N
NER	561

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.





835/21

Pravin H. Patel Associates, Inc.
Engineers ♦ Architects ♦ Planners

Pravin H. Patel, P.E., P.P.
Pankaj I. Jani, A.I.A.

Associates
Dharm Bhatt
Bhavesh Nalk
Mark Ostojich

December 9, 2004

Construction Code Official
Township of Brick
Brick, NJ 08723

Ref: Tenant Fit Up Plan
Route 88 Profession Medical Building
Brick, New Jersey
phpa Project No. 0400M.903

Dear Sir:

Please be advised that after observation at Route 88 Professional Medical Building, our office feels that fire caulking and fire safing insulation provided at pipe penetration is in to two hour rated partition is adequate.

If you have any questions, please feel free to call our office.

Thanking you,

Very truly yours,

PRAVIN H. PATEL ASSOCIATES, INC.

P. I. Jani
Pankaj I. Jani, A.I.A.

PLJ/rkm

*File only in
pocket copy
with tick.*

*Per section 711.2
must be inspected*
*PM
12-13-04*

KRISTI SHAY CONSTRUCTION, INC.

63 CHANNEL DRIVE
BRICK, NJ 08723
(732) 477-4665

THE PROVIDENT BANK

14482

55-7230/2212

6/15/2004

PAY
TO THE
ORDER OF

Township Of Brick

\$ **2,000.00

Two Thousand and 00/100***** DOLLARS

TOWNSHIP OF BRICK
401 Chambers Bridge Road
Brick, NJ 08723
USA

[Signature]
AUTHORIZED SIGNATURE

MEMO

Affordable housing / 1683 Rt 88

⑈064482⑈ ⑆226272303⑆ 60620065⑈7⑈

From: Lisa Rose Tavaluccio, Office of Affordable Housing
Re: Affordable Housing Fees

Business/Development: Medical Facility Bldg.
Owner/Applicant: Kristi Shay Coast.
Property Address: 1683 Rt. 88
Block: 835 Lot: 21+25

DEPOSIT RECEIVED

Mandatory Development Fee

Commercial
~~Residential~~

Inclusionary Development Fee

DATE: 6/15/04

Check Number

14482

Preliminary Fee Paid

\$2000.00

Final Fee Paid

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

Collection of said fees as authorized by Township Ordinance
354-2C-93, is pursuant to N.J.S.A. 52:27D-301 et seq. And N.J.A.C. 5:92-18 et seq.

Received in Treasurer's Office by:

[Signature]
Signature

Date

6/15/04

OFFICE OF AFFORDABLE HOUSING

AHBT PRELIMINARY APPROVAL

OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE

BLOCK 835 LOT 21+25 SITE ADDRESS 1683 Rt. 88
TYPE OF SITE Residential ~~Commercial~~ NAME OF BUSINESS Medical Facilities Bldg.
APPLICANT Krista Shaw Construction PHONE NUMBER 732-774-4665
APPLICANT ADDRESS 163 Channel Dr. CITY & STATE BRICK NJ 08723

INCLUSIONARY DEVELOPMENT

Affordable	Fee Required _____	Date _____
	Down Payment _____	Date _____
	Balance _____	Date _____
	Paid In Full _____	Date _____
Market Rate	No Fee Required	

MANDATORY DEVELOPER FEES

- ☐ Residential is .005 %
- ☒ Commercial is .01%
- ☒ The estimated equalized assessed value of the proposed construction is

\$ 400,000

Frederick R. Millman

Frederick R. Millman, CTA, Tax Assessor

6/14/04
Date

- ☐ The final equalized assessed value of the construction at the above referenced site is:

\$ _____

Frederick R. Millman, CTA, Tax Assessor

Date

Preliminary Fee
Check #

*2000.00
14482

Date

Receipt #

6/15/04

327408

Final Fee
Check#

Date

Receipt #

Total Fee Due/Paid
Balance Due

*4000.

Fees Imposed To Date

Fees Reached \$15,000 _____ Date

I hereby certify that the above applicant has complied with all rules and regulations of the Office of Affordable Housing and has paid all required fees and charges.

6/10/04 - To Prelim.

6/15/04 - Called Michael & Letter

Office of Affordable Housing

SINGLE FAMILY DWELLING CHECKLIST

- | | |
|---|---|
| 1. Construction Permit Jacket Completed and Signed | Yes ☒ No ☐ |
| 2. Zoning Application Completed | Yes ☒ No ☐ |
| 3. Two True Size Surveys <i>Site Plan</i> | Yes ☒ No ☐ |
| 4. Engineering Form: | |
| Single Family Home Checklist | Yes ☒ No ☐ |
| Major Subdivision | Yes ☐ No ☒ |
| 5. Shade Tree Application | Yes ☒ No ☐ |
| 6. Debris Form | Yes ☒ No ☐ |
| 7. BTMUA Availability Statement | Yes ☒ No ☐ |
| 8. Building, Plumbing , Electrical and Fire Permits | Yes ☒ No ☐ |
| 9. Gas Pipe Drawing | Yes ☐ No ☒ |
| 10. Drain Waste Venting Schematic (DWV) | Yes ☐ No ☒ |
| 11. Brochures: | |
| Furnace | Yes ☒ No ☐ |
| Air Conditioner | Yes ☒ No ☐ |
| Fireplace | Yes ☐ No ☒ |
| Boiler | Yes ☐ No ☒ |
| 12. Indicate options: | |
| Fireplace (Gas or Wood) | Yes ☐ No ☒ |
| Basement | Yes ☐ No ☒ |
| Crawl | Yes ☒ No ☐ |
| Slab | Yes ☐ No ☒ |
| Deck | Yes ☐ No ☒ |
| 13. Two Sets of Plans-architectural plans signed and sealed
Homeowners Plans signed by homeowner on all pages | Yes ☒ No ☐ |
| 14. Soil Boring Report showing seasonal high water table
required for any new basements | Yes ☐ No ☒ |
| 15. Joist layout showing blocking for any engineered
floor joist (TJI) | Yes ☐ No ☒ |
| 16. Modular Homes separate cost - the house is new building;
site preparation, garages and decks are alterations | Yes ☐ No ☒ |
| 17. Model Energy Code (<i>or Plan</i>) | Yes ☒ No ☐ |

*****Please separate the cost for fireplaces and decks from the cost of the new building - they are considered alterations*****

**YOUR PERMIT APPLICATION WILL NOT BE ACCEPTED IF ANY OF THE ABOVE
INFORMATION IS MISSING**

RESOLUTION

PLANNING BOARD OF THE TOWNSHIP OF BRICK

Resolution R-6-04

Page 1 of 3

Case No. PB-2356-PSP/FSP-2/01-EXT-12/03

January 14, 2004

WHEREAS, the Brick Township Planning Board granted preliminary and final site plan approval with variances and waivers to PANDERANG MISKIN/PANGERSAN, LLC, Block 835, Lots 21 & 25, as designated on the official Tax Map of the Township of Brick, by Resolution R-7-02 adopted on January 9, 2002; and

WHEREAS, the applicant requested that the Planning Board grant a one-year extension of this approval; and

WHEREAS, the Planning Board has reviewed the efforts made by the developer to obtain all necessary other legal permits so as to effectuate the preliminary and final site plan approval with variances and waivers granted by Resolution R-7-02 and has determined from that history that the statutory provisions of N.J.S.A. 40:55D-49(c) are met and that therefore a one-year extension granted herein is appropriate.

NOW, THEREFORE, be it resolved by the Planning Board of the Township of Brick, on this 14th day of January, 2004, that the application of PANDERANG MISKIN/PANGERSAN, LLC for an extension of preliminary and final site plan approval with variances and waivers be granted, subject to the following conditions:

1. The applicants shall comply with all terms and conditions of Resolution R-7-02, which is incorporated and made part of this resolution.
2. Michael P. Fowler, AICP/PP, Planning Board Planner, prepared a report of December 17, 2003. The Board hereby adopts the

FILE
APP.
APP. ATT
APP. ENG
PB ATT
PB ENG
ZONING
TAX A
COURT
ENG

Resolution R-6-04
Case PB-2356-PSP/FSP-2/01-EXT-12/03

Page 2 of 3
January 14, 2004

findings in that report and incorporates that document into this resolution by reference.

3. The one-year extension granted by this resolution shall expire on January 9, 2005.
4. The applicant shall pay all real estate property taxes, through and including the calendar quarter of this resolution. If the applicant fails to pay these real property taxes within 30 days of the date of this resolution, then this Resolution shall be null and void.

;

Resolution R-6-04
Case PB-2356-PSP/PSP-2/01-EXT-12/03

Page 3 of 3
January 14, 2004

MOVED BY: Mr. Aiello

SECONDED BY: Mr. Fredo

VOTING IN THE AFFIRMATIVE: Mr. Vespi, Mr. Petois, Mrs. LaDuke, Mr. Dockery,

Mr. Aiello, Mr. Reilly, Mr. Fredo, Mr. Gross

VOTING IN THE
NEGATIVE:

INELIGIBLE TO VOTE: Mr. Brando

ABSTAINING: Councilmember Seatunto

ABSENT:

CERTIFICATION

I, JUDITH FOX NELSON, Clerk of the Planning Board of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing resolution was duly ADOPTED by the said Planning Board of the Township of Brick at a regular meeting held on the 14th day of January, 2004.

IN WITNESS WHEREOF, I have set my hand this 16th day of

January, 2004.


JUDITH FOX NELSON, Clerk
Planning Board of the Township of Brick



Mark Trombone

OFFER TO PURCHASE PROPERTY

NOTICE: The signing of this offer to purchase does not create a contract of sale. Either owner or purchaser may cancel the offer to purchase at any time before a contract of sale is signed.

BUYER K. KEISTI CHRISTY SHAY Dated 4/23 2004
Address 65 CHAMBERLAIN DR BRICK NJ 08723
SELLER PANGERSON HEREBY OFFERS TO PURCHASE FROM
Address 1683 Rte 88, BRICK, NJ 08724

through the REALTOR® at a price and terms as stated below, the premises as follows:
1683 Rte 88 BRICK, NJ 08724
also known as lot(s) 25 in block 835 as shown on the tax maps
of BRICK TWP Ocean County, New Jersey

AT A SALE PRICE OF \$ 305,000 Subject to approval by Owners 312,500 *700*

PAYABLE AS FOLLOWS:

Deposit Received	\$ <u>5,000</u>
Additional deposit	\$ <u>20,000</u>
Cash on Closing Title	\$ <u>280,000</u> = <u>287,000</u>
Mortgage Contingency	\$ <u>0</u>
Total Sales Price	\$ <u>305,000</u> <u>312,000</u> <i>700</i>

SUBJECT TO A CONTRACT TO BE SIGNED ON OR BEFORE ASAP 18 WHICH DATE SHALL NOT BE LATER THAN AFTER THE DATE OF THIS OFFER.

CLOSING OF TITLE ON OR ABOUT MAR 15 2004
ADDITIONAL PROVISIONS:

None - is this a full set - Permanence from owner
to buy property
abstract

DECLARATION OF BUSINESS RELATIONSHIPS

By signing below, the Sellers and Purchasers acknowledge they received the Consumer Information Statement on New Jersey Real Estate Relationships from the brokerage firms involved in this transaction prior to the first showing of the property.

A. I, Carl T. & Karen, (name of licensee) as an authorized representative of PUR HOME, (name of licensee's firm) am working in this transaction as (indicate one of the following):
☐ seller's agent only ☐ buyer's agent only ☒ disclosed dual agent ☐ transaction broker

B. Information supplied by PUR HOME (name of other firm) has indicated that it is operating in this transaction as a (indicate one of the following):
☐ seller's agent ☐ buyer's agent ☐ transaction broker

Seller 572 Union Date 4/23/04 Buyer [Signature] Date 4/23/04
Seller _____ Date / / Buyer _____ Date _____
OCCASION OF REVIEW



Mark Trombone

OFFER TO PURCHASE PROPERTY

NOTICE: The signing of this offer to purchase does not create a contract of sale. Either owner or purchaser may cancel the offer to purchase at any time before a contract of sale is signed.

Dated 4/23, 2004

BUYER KRISTI SHAY
Address 63 CHAMBERLAIN DR BRICK NJ 08723

SELLER PANGERSON
Address 1683 Rte 55, BRICK, NJ 08724

HEREBY OFFERS TO PURCHASE FROM

through the REALTOR® at a price and terms as stated below, the premises as follows:

1683 Rte 55 BRICK, NJ 08724
also known as lot(s) 25 in block 835 as shown on the tax maps
of BRICK TWP, Ocean County, New Jersey

AT A SALE PRICE OF \$ 305,000 Subject to approval by Owners \$312,000 *Plan*

PAYABLE AS FOLLOWS:

Deposit Received	\$ <u>5,000</u>
Additional deposit	\$ <u>21,000</u>
Cash on Closing Title	\$ <u>280,000</u> — <u>287,000</u>
Mortgage Contingency	\$ <u>205,000</u> — <u>312,000</u>
Total Sales Price	\$ <u>312,000</u>

SUBJECT TO A CONTRACT TO BE SIGNED ON OR BEFORE ASAP 19 WHICH DATE SHALL NOT BE LATER THAN AFTER THE DATE OF THIS OFFER.

CLOSING OF TITLE ON OR ABOUT MAR 15 2004

ADDITIONAL PROVISIONS:

Plan - is this a full set - Remainder from owner
to buy property
attached

DECLARATION OF BUSINESS RELATIONSHIPS

By signing below, the Sellers and Purchasers acknowledge they received the Consumer Information Statement on New Jersey Real Estate Relationships from the brokerage firms involved in this transaction prior to the first showing of the property.

A. I, Cost. & Kaur, (name of licensee) as an authorized representative of PUR HOME, (name of licensee's firm)
am working in this transaction as (indicate one of the following):
☐ seller's agent only ☐ buyer's agent only ☒ disclosed dual agent ☐ transaction broker

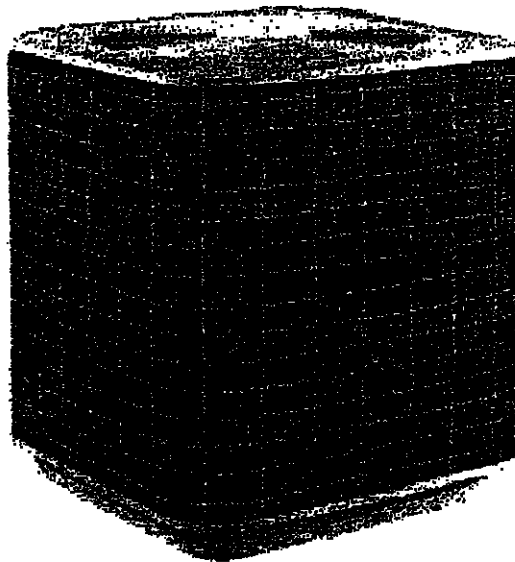
B. Information supplied by _____ (name of other firm)
has indicated that it is operating in this transaction as a (Indicate one of the following):
☐ seller's agent ☐ buyer's agent ☐ transaction broker

Seller [Signature] Date 11 Buyer [Signature] Date 4/23/04
Seller _____ Date 11 Buyer _____ Date _____

TECHNICAL SPECIFICATIONS

S3BA Series High Efficiency Air Conditioner 10 SEER 1-1/2 – 5 Ton Capacity

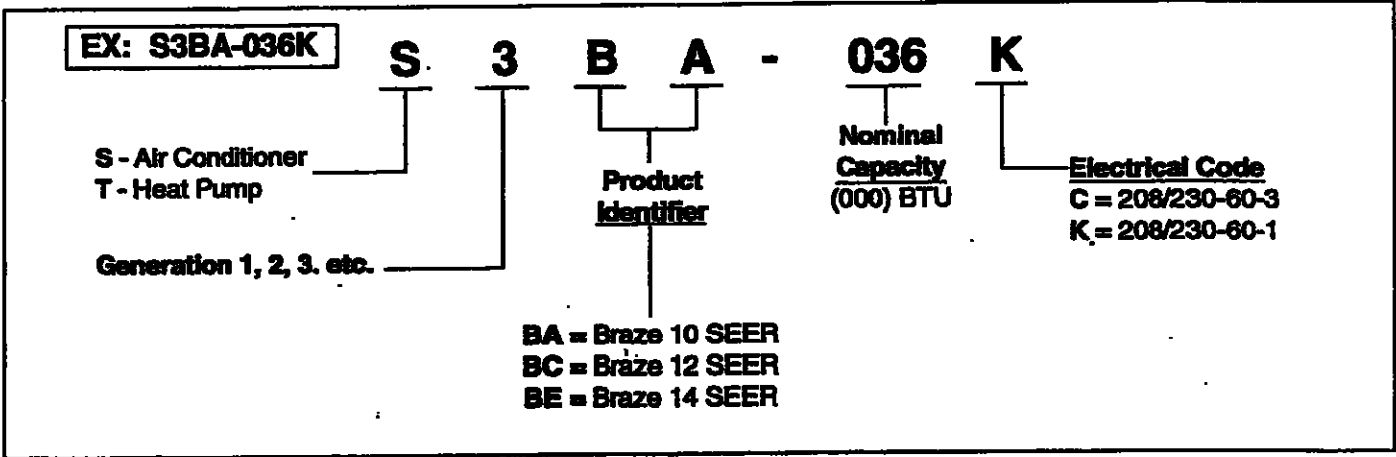
The S3BA Series of air conditioners offers exceptional performance from a small, compact package. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment. Units are ideally sized for slab or rooftop mounting in single, multifamily, and light commercial applications.



FEATURES and BENEFITS

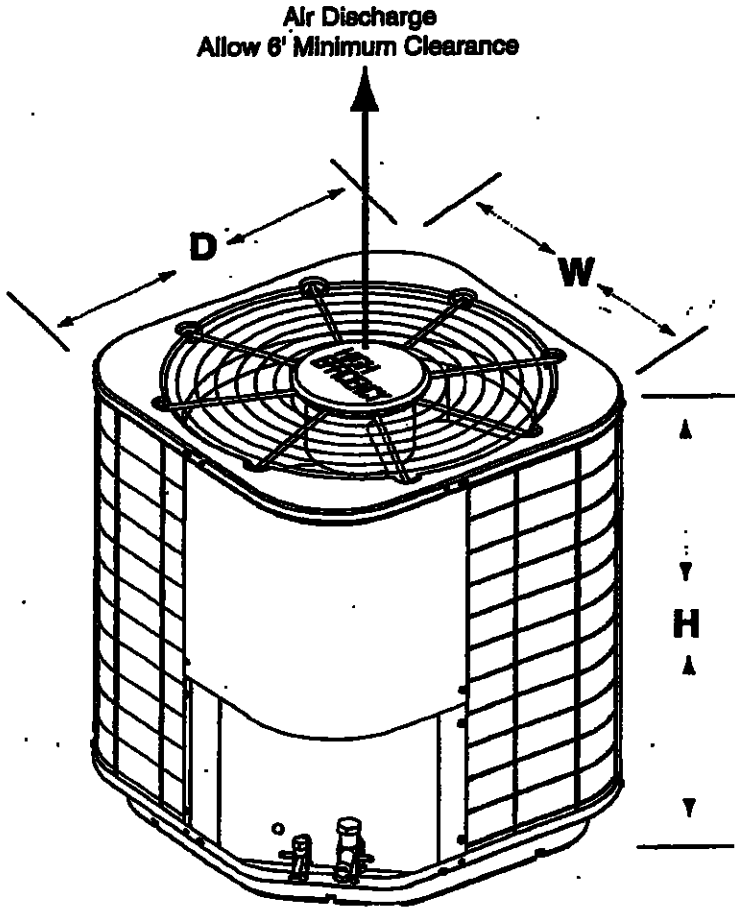
- **Durable, Attractive Cabinet**—Designed using galvanized steel with a high gloss polyester urethane powder coat finish. The 750 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils**—Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor**—A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Full Service Valves**—These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Plastic Coated Coil Guard**—A wire guard that will never rust and protects the units coil from being damaged by balls, lawnmowers, etc.
- **Removable Top Grille Assembly**—Allows ease of service from the top without disconnecting fan motor leads.
- **One Piece Top/Orifice**—Designed for maximum airflow and quiet operation.
- **2-1/2" Pedestal Base**—The sturdy base keeps the bottom of the coil out of harms way. Secondly, the base has weep holes along the edge to allow the water from rain to flow away from the unit.
- **Five Minute Restart Time Delay**—When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Easy Compressor and Control Access**—Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **6 Year Limited All Parts Warranty**—The best in the industry and has proven to be a major benefit to the consumer.

MODEL IDENTIFICATION CODES



DIMENSIONS OUTDOOR SECTION

S3BA	018	024	030	036	042	048	060
H	22-1/2	22-1/2	26-1/2	30-1/2	34-1/2	26-1/2	34-1/2
W	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2
D	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

10 SEER — High Efficiency — Single Phase

Model No. S3BA		018K	024K	030K	036K	042K	048K	060K
Electrical Data	Voltage-Cycle-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	Total Amps	9.2	10.5	14.9	15.7	18.3	19.6	26.5
	Delay Fuse Max.	20	20	30	30	40	40	50
	Min. Circuit Ampacity	11.4	12.9	18.4	19.3	22.5	24.2	32.7
Component Data	Coil	Area	8.3	8.3	10.0	11.7	13.3	20.4
		Rows-FPI	1-18	1-18	1-20	1-20	1-22	1-22
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.67	0.67	1.25	1.25	1.4	1.5
		Watts-HP	145-1/10	145-1/10	210-1/8	210-1/8	245-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	18 in. - 3	18 in. - 3	18 in. - 3	24 in. - 2	24 in. - 3
		SCFM	2100	2100	2500	2500	3300	4000
	Compressor	RLA	8.6	9.8	13.7	14.4	17.0	25.0
		LRA	49	56	75	82	105	170
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)	15 ft.	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
	25 ft.	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8"
	40 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"
Refrigerant Charge (Outdoor unit, Indoor Unit R-22 Ounces 15' Line Set)			62	72	76	90	102	130
Weight Approximate (lbs.)	Net	140	142	148	154	160	166	178
	Ship	152	154	160	166	172	178	190

10 SEER — High Efficiency — Three Phase

Model No. S3BA		036C	048C	060C	
Electrical Data	Voltage-Cycle-Phase (1)		208/230-60-3	208/230-60-3	208/230-60-3
	Total Amps		10.2	14	16.9
	Delay Fuse Max. (2)		20	30	35
	Min. Circuit Ampacity		12.5	17.2	20.8
Component Data	Coil	Area	11.7	15.3	20.4
		Rows-FPI	1-20	1-18	1-22
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC
		Amps	1.25	1.4	1.5
		Watts-HP	210-1/8	245-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	24 in. - 2	24 in. - 3
		SCFM	2500	3000	3600
	Compressor Data*	RLA	9.0	12.6	15.4
		LRA	70	91	124
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8"O.D.)		15 ft.	3/4"	7/8"	7/8"
		25 ft.	3/4"	7/8"	1-1/8" (5)
		40 ft.	7/8" (4)	7/8"	1-1/8" (5)
Refrigerant Charge (Outdoor unit, Indoor Unit R-22 Ounces 15' Line Set)		90	105	130	
Weight Approximate (lbs.)	Net	154	166	178	
	Ship	166	178	190	

COPPER WIRE SIZE — AWG (1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

* Values shown are most severe and may vary slightly depending on the make of the compressor supplied.

- (1) Operating Voltage Range: 198v min. — 253v max.
- (2) HACR Type Circuit Breakers may be used.
- (3) Requires 3/4" to 5/8" reducer from unit to line.
- (4) Requires 7/8" to 3/4" reducer from line to unit.
- (5) Requires 7/8" to 1-1/8" reducer from line to unit.

SYSTEM HEATING & COOLING CAPACITIES

10 SEER — High Efficiency — Single Phase

Outdoor Unit		With This Coil			
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Required Orifice Size
S3BA-018K	C3BL-018C/U-A	17,800	10.0	675	.051
S3BA-024K	C3BA-024C/U-B	23,600	10.0	800	.060
S3BA-024K	C3BL-023C/U-A	22,800	10.0	800	.060
S3BA-030K	C3BA-030C/U-B	29,600	10.0	1100	.067
S3BA-030K	C3BL-028C-A	28,200	10.0	1100	.067
S3BA-036K	C3BA-036C/U-B	34,600	10.0	1250	.073
S3BA-042K	C3BA-042C/U-C	40,000	10.0	1400	.077
S3BA-048K	C3BA-048C/U-C	45,500	10.0	1600	.082
S3BA-048K	C3BA-048C/U-B	45,000	10.0	1500	.082
S3BA-060K	C3BA-060C/U-C	56,500	10.0	1800	.096

Outdoor Unit		With This Air Handler			
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Required Orifice Size
S3BA-018K	B2B(M,V)-018K-A	17,800	10.0	675	.051
S3BA-024K	B2B(M,V)-024K-A	22,800	10.0	800	.060
S3BA-030K	B2B(M,V)-030K-B	29,600	10.0	1100	.067
S3BA-036K	B2B(M,V)-036K-B	34,600	10.0	1250	.073
S3BA-042K	B2B(M,V)-042K-C	40,000	10.0	1400	.077
S3BA-048K	B2B(M,V)-048K-C	45,500	10.0	1600	.082
S3BA-060K	B2B(M,V)-060K-C	56,500	10.0	1800	.096

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Thermostat

Two thermostats are available.

911096 - Single-Stage

911100 - Two-Stage Heat / One-Stage Cool

325A-0467 (Replaces 325A-1286)



Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A. (5/97)

TECHNICAL SPECIFICATIONS

G6RA Series

High Efficiency Upflow/Horizontal Gas Furnace

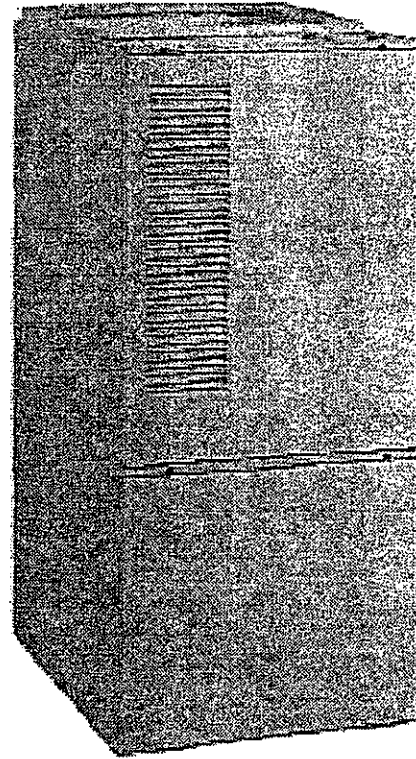
Induced Draft - 80+ AFUE

Input 45,000 - 144,000 Btuh

The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. The extended flush jacket provides a pleasing "appliance appearance." Design certified by the American Gas Association (AGA) Laboratories and the Canadian Gas Association (CGA) Laboratories. The product is truly designed with the contractor and the consumer in mind.

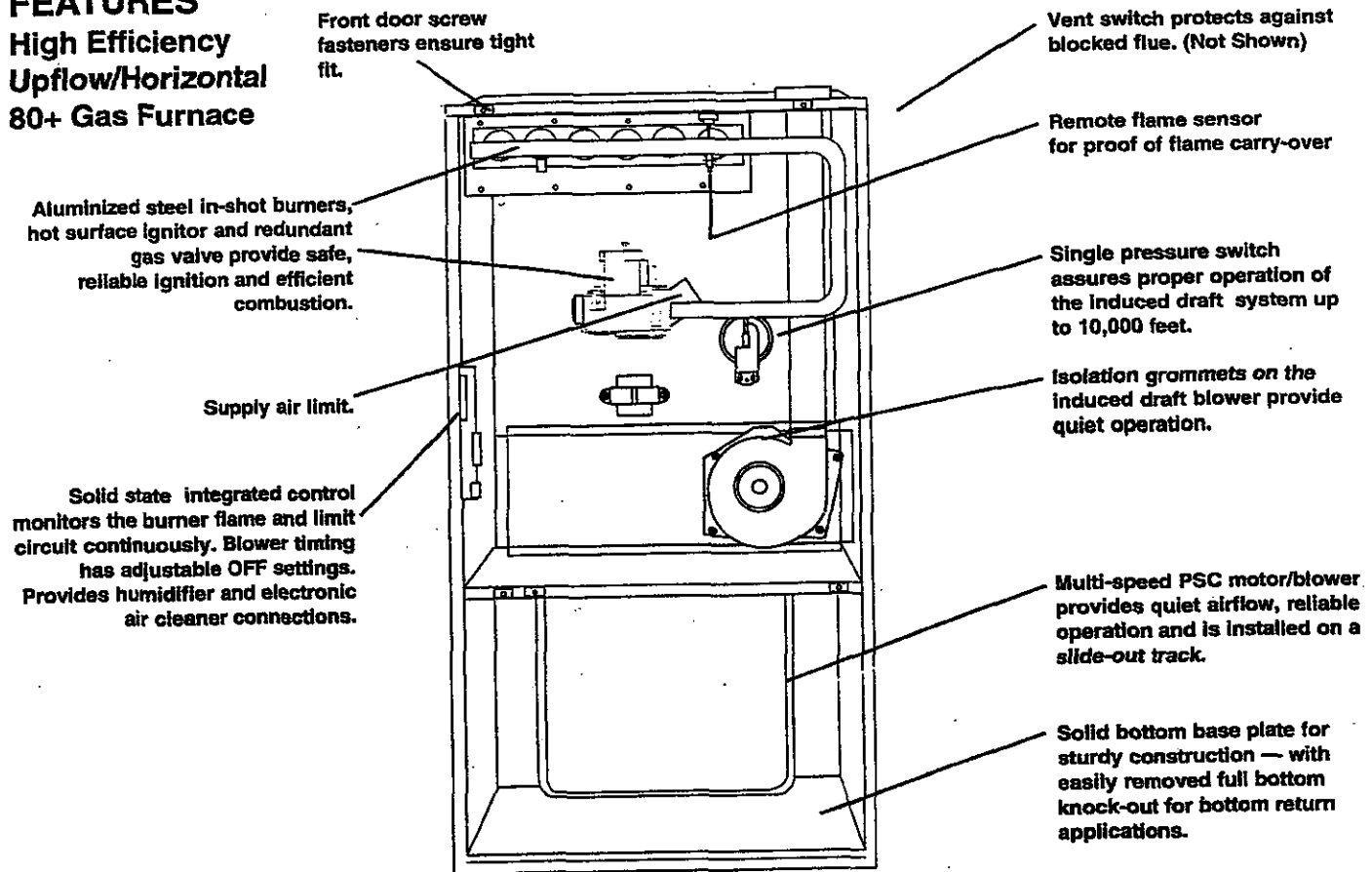
FEATURES and BENEFITS

- Best warranty in the business —
 - A full 20 years on the heat exchanger
 - 6 years on all parts
- 100% fired and tested — All units and each component (both mechanical and electrical) are tested on the manufacturing line.
- Best packaging in the industry — Unique design assures product will arrive to the homeowner dent free.
- Clean and quiet operation — Due to the unique design of in-shot burners, location of inducer, return air vents, and use of insulation.
- Fixed 30-second blower delay at burner start-up assures a warm duct temperature at furnace start-up. Adjustable blower off settings (60, 90, 120 and 180 seconds).
- Fixed 30-second post purge increases life of heat exchanger.
- Dependable, shock-mounted hot surface ignitor — Innovative application of an appliance type igniter with a 20-year history of reliability, assures no call-backs because of handling.
- Color coded wire harness — Designed to fit the components, all with quick-connect fittings for ease of service and replacement.
- Approved for categories I and III venting systems — May be common, dedicated, or through-the-wall vented for maximum flexibility in installation.
- Tubular primary heat exchanger — Heavy gauge aluminized steel heat exchanger assures a long life.
- 90-second fixed cooling cycle blower-off delay (TDR) increases cooling performance when matched with a NORDYNE coil.
- Variable speed blower kit is available to maximize air conditioner and heat pump efficiencies. On selected units, SEER ratings up to 14 and HSPF ratings up to 8.5 are ARI listed.
- Multi-speed direct drive blower — Designed to give a wide range of cooling capacities. 40VA transformer included.
- LP convertible — Simple burner orifice and regulator spring change for ease of convertibility.
- Diagnostic lights flash to identify limit failure, pressure switch failure, improper ground and polarization, and low flame signal — for easy troubleshooting.
- Incorporates new integrated control board with connections for electronic air cleaner, humidifier and twinning.
- New two piece door design enhances furnace appearance and uses screw fasteners for easier accessibility.
- 3 amp fuse protection against low voltage shorts; protects transformer and control board.
- Low voltage terminal board for easy field wiring.
- Components and Controls — Designing quality into our products means selecting manufacturers that have a reputation for delivering high quality, dependable products.



FEATURES

High Efficiency Upflow/Horizontal 80+ Gas Furnace



STANDARD EQUIPMENT

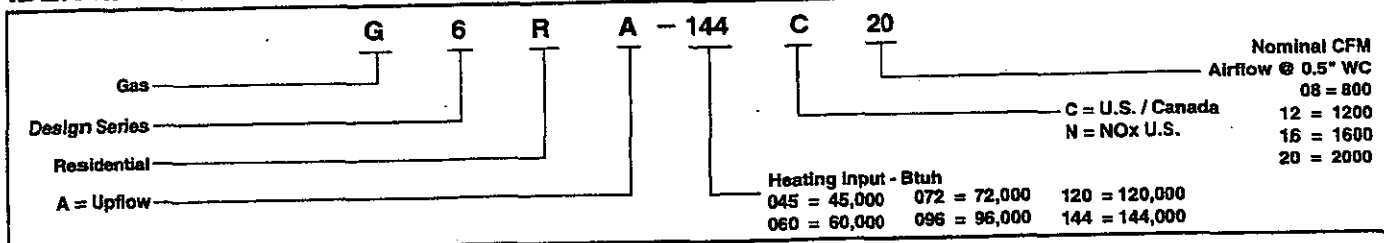
Draft inducer; pressure switch; redundant main gas control; hot-surface ignition; timed ON/OFF blower controls(TDR) ; 40VA transformer for air conditioner application; limit controls; solid base plate with knock-out for easy removal; direct drive motor; all models can be converted to use L.P. (propane) gas. *Factory approved kits only* must be used and are available as an optional accessory from your distributor.

SPECIFICATIONS

G6RA MODEL NUMBERS	-045()08	-060()12	-072()12	-072()16	-096()12	-096()16	-096()20	-120()16	-120()20	-144()20
Input-Btuh (a)	45,000	60,000	72,000	72,000	96,000	96,000	96,000	120,000	120,000	144,000
Heating Capacity - Btuh	36,000	48,000	58,000	58,000	77,000	77,000	77,000	96,000	96,000	115,000
AFUE	80+	80+	80+	80+	80+	80+	80+	80+	80+	80+
Max. Htg. Ext. St. Press. In W.C.	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Blower Wheel D x W	10 x 6	10 x 6	10 x 6	10 x 10	10 x 9	10 x 10	11 x 10	10 x 10	11 x 10	11 x 10
Motor H.P. -Speed -Type	1/5 - 3 - PSC	1/3 - 3 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	3/4 - 4 - PSC
Motor FLA	2.8	6.0	6.0	7.9	6.0	7.9	11.1	7.9	11.1	11.1
Temperature Rise Range - °F	45 - 75	45 - 75	45 - 75	40 - 70	50 - 80	50 - 80	40 - 70	50 - 80	45 - 75	45 - 75
Approximate Shipping Wt. - lbs.	108	120	120	125	157	158	165	172	174	183

All models are 115 V, 60 HZ. Gas connections are 1/2" N.P.T
AFUE= Annual Fuel Utilization Efficiency

IDENTIFICATION CODE



Through-the-Wall VENTING Venting Requirements

These furnaces are approved to use with 3" single wall AL29-4C stainless steel vent pipe in through-the-wall vent applications, and with the required through-the-wall vent kit listed below. The pipe is available from the following manufacturers:

Z-Flex Inc. - vent brand name (**Z-VENT**)

Heat-fab Inc. - vent brand name (**Saf-T Vent**)

Flex-L International - vent brand name (**STAR-34 Vent**)

When venting through-the-wall, this is a Category III furnace, the vent pressure is positive, and the venting system must be sealed in both horizontal and vertical runs.

Model Number G6RA	Min. Pipe Size	Reducer Needed	Flue Outlet (in.)	Max. # Elbows	Max. Fl. Vent Pipe
045()-08	3"	None	3	4	35
060()-12	3"	4" to 3"	4	4	35
072()-12	3"	4" to 3"	4	4	35
072()-16	3"	4" to 3"	4	4	35
096()-12	3"	4" to 3"	4	4	35
096()-16	3"	4" to 3"	4	4	35
096()-20	3"	4" to 3"	4	4	35
120()-16	3"	4" to 3"	4	4	35
120()-20	3"	4" to 3"	4	4	35
144()-20"	3"	4" to 3"	5	3	30

* NOTE: Special 5" to 4" Reducer Kit (#902249) required for model G6RA144C-120.

High Efficiency 80+ with Honeywell VR Gas Valve		
Kit		Order Number
U.S. High Altitude Natural Gas Conversion Kit (2,000 to 10,000 ft.)		903491
U.S. Propane Kit (0 to 2,000 ft.)		903492
U.S. High Altitude Propane Gas Conversion Kit (2,000 to 10,000 ft.)		903493
Canadian High Altitude Natural Gas Conversion Kit (2,000 to 4,500 ft.)		903494
Canadian Propane Gas Conversion Kit (0 to 4,500 ft.)		903495
Fossil Fuel Kit		914762
Side Return Filter Kit		541036
Bottom Return Filter Kit	A Cabinet	903088
	B Cabinet	903089
	C Cabinet	903090
Downflow Sub-Base	A Cabinet	902974
	B Cabinet	902677
Horizontal Vent Kit		903196
Internal Side Return Filter Wire		903152

VENTING

All models, with the exception of the reduced NOx models, are approved for vertical and through-the-wall venting applications (see table above). All models may be common vented with a gas water heater. Type B gas vent materials may be used when connected to a vertical vent system. The installation must be in accordance with the venting instructions supplied with the furnace.

GENERAL TERMS OF LIMITED WARRANTY **

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated below, in accordance with the terms of the warranty.

G6RA Models Warranty

Gas Heat Exchanger 20-Year Limited Warranty

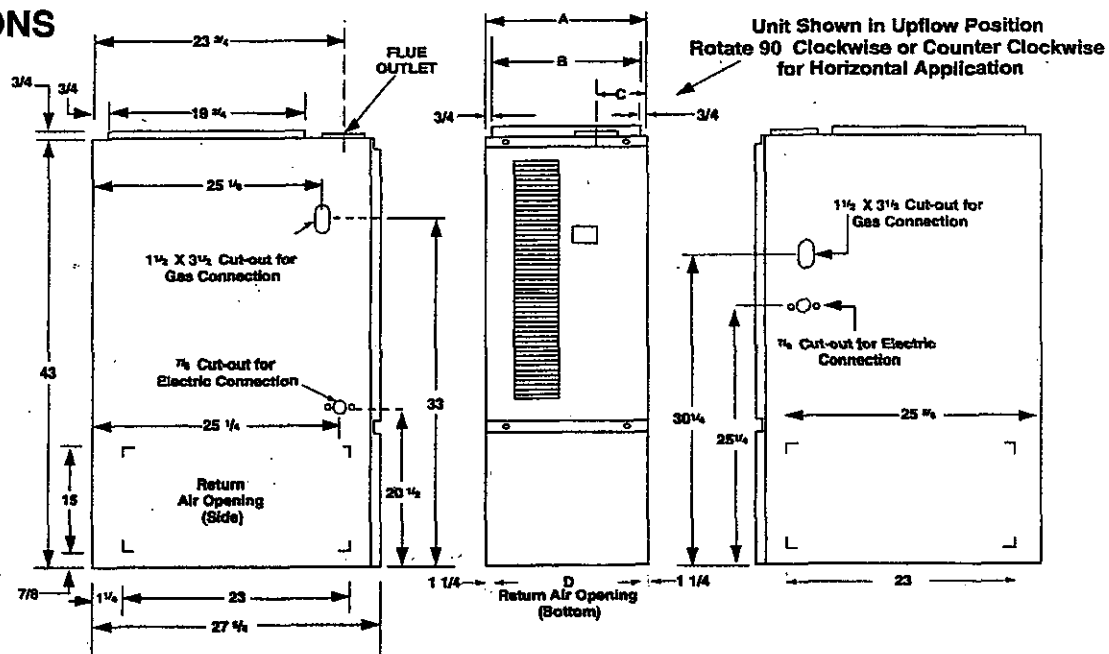
Any Other Part 6-Year Limited Warranty

** For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the factory for a copy.



403A-0898 (Replaces 403A-0698)

DIMENSIONS



MODEL NUMBER G6RA	A (in.)	B (in.)	C (in.)	D (in.)	MODEL NUMBER G6RA	A (in.)	B (in.)	C (in.)	D (in.)
045(*)-08	14 1/4	12 3/4	3 1/4	11 3/4	096(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
060(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	096(*)-20	22 1/2	21	3 3/4	20
072(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	120(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
072(*)-16	19 3/4	18 1/4	3 3/4	17 1/4	120(*)-20	22 1/2	21	3 3/4	20
096(*)-12	19 3/4	18 1/4	3 3/4	17 1/4	144(*)-20	22 1/2	21	4 1/4	20

BLOWER PERFORMANCE

Upflow Furnace Airflow Data												
G6RA Furnace Model No.	Motor HP	Motor Speed	External Static Pressure (Inches Water Column)									
			0.1		0.2		0.3		0.4		0.5	
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
045C-08	1/5	High *	1000	-	970	-	950	-	920	-	870	-
		Medium	760	48	740	47	730	47	720	48	690	50
		Low **	630	55	620	56	610	57	600	58	570	61
060C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	-	1190	-	1160	-	1120	-	1070	-
		Low **	820	57	800	58	780	59	760	61	730	63
072C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	46	1190	47	1160	48	1120	49	1070	52
		Low **	820	58	800	59	780	71	760	73	730	76
072C-16	1/2	High *	1980	-	1910	-	1830	-	1760	-	1660	-
		Med-High	1710	-	1660	-	1610	-	1540	-	1470	-
		Med-Low	1490	-	1470	-	1420	-	1380	-	1320	-
096C-12	1/3	High *	1530	-	1450	-	1390	-	1300	-	1220	-
		Medium**	1380	64	1320	67	1250	71	1190	75	1100	81
		Low	930	-	900	-	870	-	820	-	750	-
096C-16	1/2	High *	1980	-	1910	-	1840	-	1760	-	1680	-
		Med-High	1720	-	1670	-	1610	-	1560	-	1480	-
		Med-Low	1470	50	1440	52	1410	53	1370	54	1320	56
096C-20	3/4	High *	2340	-	2290	-	2280	-	2180	-	2160	-
		Med-High	1910	-	1880	-	1860	-	1830	-	1810	-
		Med-Low	1520	49	1510	49	1490	50	1480	50	1460	51
120C-16	1/2	High *	1900	-	1830	-	1750	-	1630	-	1580	-
		Med-High	1720	54	1670	56	1610	58	1560	59	1480	63
		Med-Low	1450	64	1420	65	1380	67	1340	69	1280	72
120C-20	3/4	High *	2300	-	2250	-	2190	-	2130	-	2090	-
		Med-High	1910	49	1880	49	1860	50	1830	51	1800	52
		Med-Low	1540	60	1530	61	1520	61	1500	62	1480	63
144C-20	3/4	High *	2240	-	2190	-	2130	-	2070	-	2020	-
		Med-High	1900	48	1860	50	1820	51	1780	52	1740	53
		Med-Low	1520	61	1510	61	1490	62	1480	63	1450	64

*Factory wired cooling speed tap.

**Factory wired heating speed tap.

- Not Recommended

SIZING FOR WATER AND SEWER SERVICES

Property Owner _____ Date _____

Property Address _____ Block _____ Lot _____

Zoning _____ Use Group _____

Contractor _____ License No. Registration _____

Water Main Size _____ Water Pressure _____ Sewer Main Size _____

<u>Plumbing Fixtures</u>	<u>Number</u>	<u>(sfu) Water Units</u>	<u>(dfu) Drainage Units</u>
1. Water Closet	_____	() _____	() _____
2. Lavatory	_____	() _____	() _____
3. Bath Tub	_____	() _____	() _____
4. Shower Stall	_____	() _____	() _____
5. Kitchen Sink	_____	() _____	() _____
6. Service Sink	_____	() _____	() _____
7. Laundry Tray	_____	() _____	() _____
8. Dishwasher	_____	() _____	() _____
9. Washing Machine	_____	() _____	() _____
10. Urinal	_____	() _____	() _____
11. Floor Drain	_____	() _____	() _____
12. Drinking Fountain	_____	() _____	() _____
13. Air Conditioner (water cooled)	_____	() _____	() _____
14. Dental Unit	_____	() _____	() _____
15. Lawn Sprinkler No. of Heads	_____	() _____	() _____
16. Fire Sprinkler No. of Heads	_____	() _____	() _____
17. _____	_____	() _____	() _____
18. _____	_____	() _____	() _____

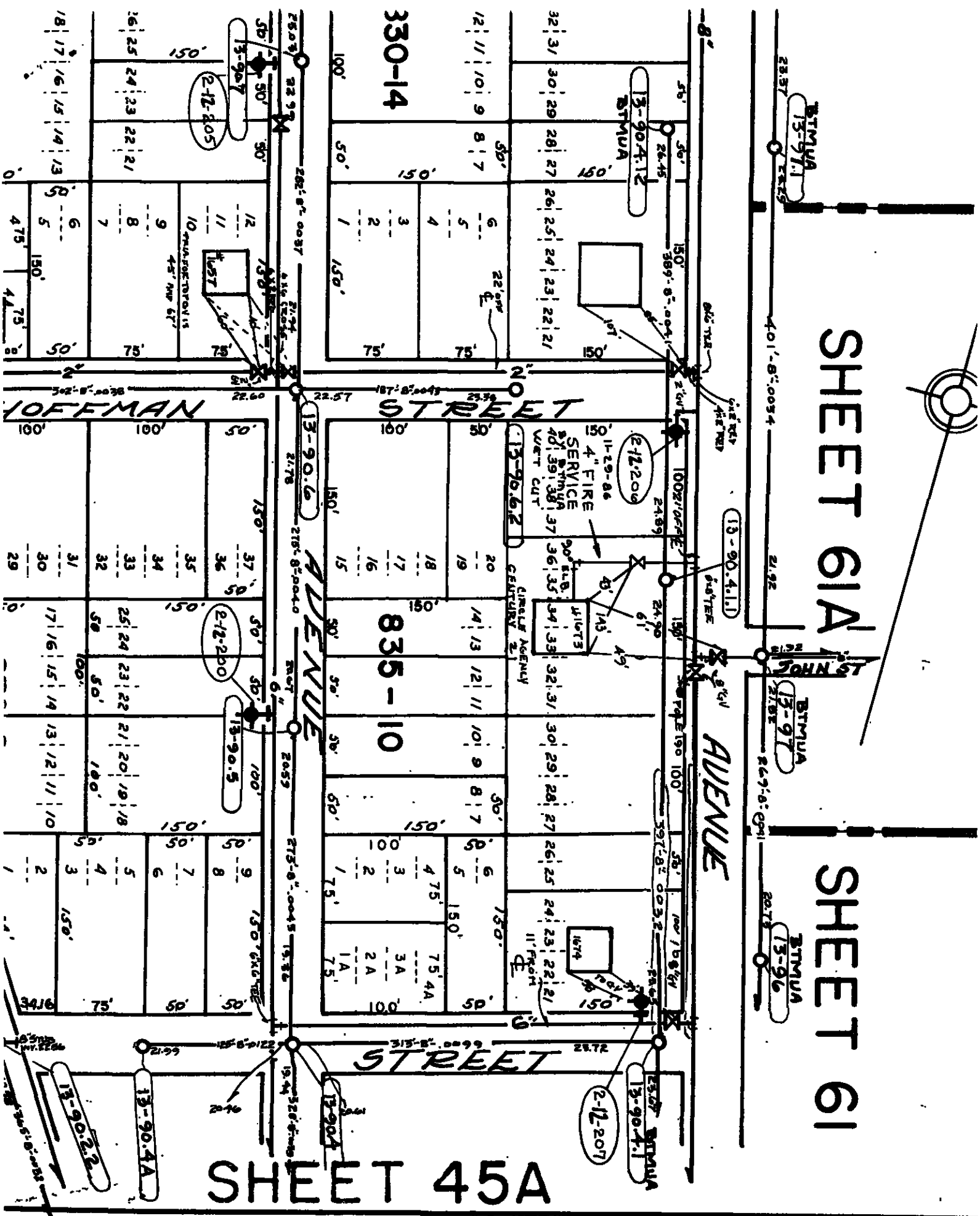
Total _____

Gallons per minute _____

Size of Service _____

Date: _____

Approved: _____
Brick Township Plumbing Inspector



CALL WHEN READY

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

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

STATEMENT OF UTILITY SERVICES

APPLICANT: NAME: Kristi Shay Const. PHONE NO. 278-0350 (bus.)

ADDRESS: 63 Channel Dr. (home)

Brick, NJ 08724

PROPERTY IN QUESTION: ADDRESS 1683 ROUTE 88 W

BLOCK(S) 835 LOT(S) 25

BTMUA ACCOUNT NO. L354405 TAX MAP DRAWING NO. 45B

SINGLE FAMILY RESIDENCE ☐

MINOR SUBDIVISION ☐

COMMERCIAL ☐

MAJOR SUBDIVISION ☐

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

WATER

X

SEWER

X

CONNECTION WILL BE PROVIDED AS FOLLOWS:

INITIAL SERVICE CHARGES

WATER ROUTE 88 WEST
(STREET)

3/4" 2332.00 1" 4091.00

SEWER ROUTE 88 WEST
(STREET)

2715.00

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.

DATE: March 19, 2004

SIGNED: James R. (Albu)

NOTE: STATEMENT GOOD FOR ONE YEAR.

C.G. 3/18/04

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.

Applicable to Ordinance 720-92

This form must be handed in with permit application or a permit will not be issued.

TOWNSHIP OF BRICK
Debris Form

Work Site Address 1683 RT 88

Block 835 Lock 21125

Contractor Kristi Shay Construction, Inc

Contractor's Address 63 Channel Dr.

Type of Construction (minor, new home) New ~~Office~~ MEDICAL BLDG

Type of Debris (shingles, siding, wood, etc.) Shingles - siding - wood

Party Responsible for removal Sindel Carting

Dumpster Size 40 yard

Destination of Debris Discard OC Landfill

Any recyclable material must be delivered to an approved recycling center and receipts provided to the Building Department along with tipping receipts for non-recyclable.

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 of in accordance with all applicable State and Federal laws and regulations, and that I have been authorized in writing, to make such declaration by the person in charge of the generator's operation.

 4/20/10
Signature Date

MICHAEL STUCHIO
Print Name

SHADE TREE PERMIT

RECEIPT OF FEES

BLOCK: 835

LOT: 2125

FEE: \$ 2.00

INSPECTION: _____

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

1. Name of Applicant: Kristi Shay Construction, Inc.
Address: 63 Channel Dr. Brick NJ 08723.
Give name and address of person applying for permit. If Applicant is other than owner, give and identify names and addresses of both.
Telephone: 732 477-4665
2. Block: 835 Lot: 21.45
This information is located on deed or tax bill
3. Address if different from Applicant: _____
Give street & number if one is assigned. If there is no street number assigned, estimate distance and direction from nearest intersection or other easily recognizable landmark.
4. Location of trees on property SEE SURVEY 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 construction **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 reason, show approximate proposed location with a **DOTTED** circle and specify species and approximate planting size (height & caliper)

There should be a minimum of one tree for each 2000 square foot after all tree removal and replacement (e.g. and 80 x 100 ft lot includes 8000 sqft & 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.)

APPLICATION FOR SHADE TREE PERMIT

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.
4. Any live Laurel 3' or more across root crown.

Date: _____

Name of Applicant: Kristi Shay Construction, Inc

Address: 63 Channel Drive

Brick NJ 08723

Block: 835 Lot: 21-25

Residential _____ Commercial X

Address if different from Applicant: _____

SEE SITE PLAN
LOCATION OF TREES ON PROPERTY

SEE SITE PLAN
NUMBER OF TREES PRESENTLY ON PROPERTY

Fees:

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

\$25.00 per acre for approved subdivision/site plans

Amount of fee: \$ 3/4 Acre Bew

Reviewed by _____

Approved _____ Date: _____
Township Engineer

6-15-04

Township of Brick building subcode
Application review process
Building subcode

Address of application 1683 RT 88

Please be advised that you have been rejected by the building subcode for the following reasons noted on either the framing checklist or our Township checklist.. OR the items listed below.

Please make any corrections on both sets of plans, as lists of information will be rejected.

① No TJI plans

② No Truss plans } Approved By Architect

6-24-04
Re Submit To
your agency
when done

Key Issue
NOT Done
Spoke to Mike

called Krista Shea
left message

TECHNICAL SPECIFICATIONS

G6RA Series

High Efficiency Upflow/Horizontal Gas Furnace

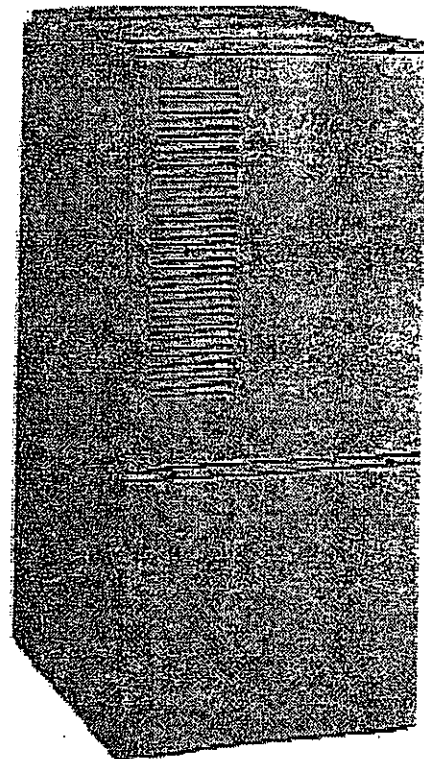
Induced Draft - 80+ AFUE

Input 45,000 - 144,000 Btuh

The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. The extended flush jacket provides a pleasing "appliance appearance." Design certified by the American Gas Association (AGA) Laboratories and the Canadian Gas Association (CGA) Laboratories. The product is truly designed with the contractor and the consumer in mind.

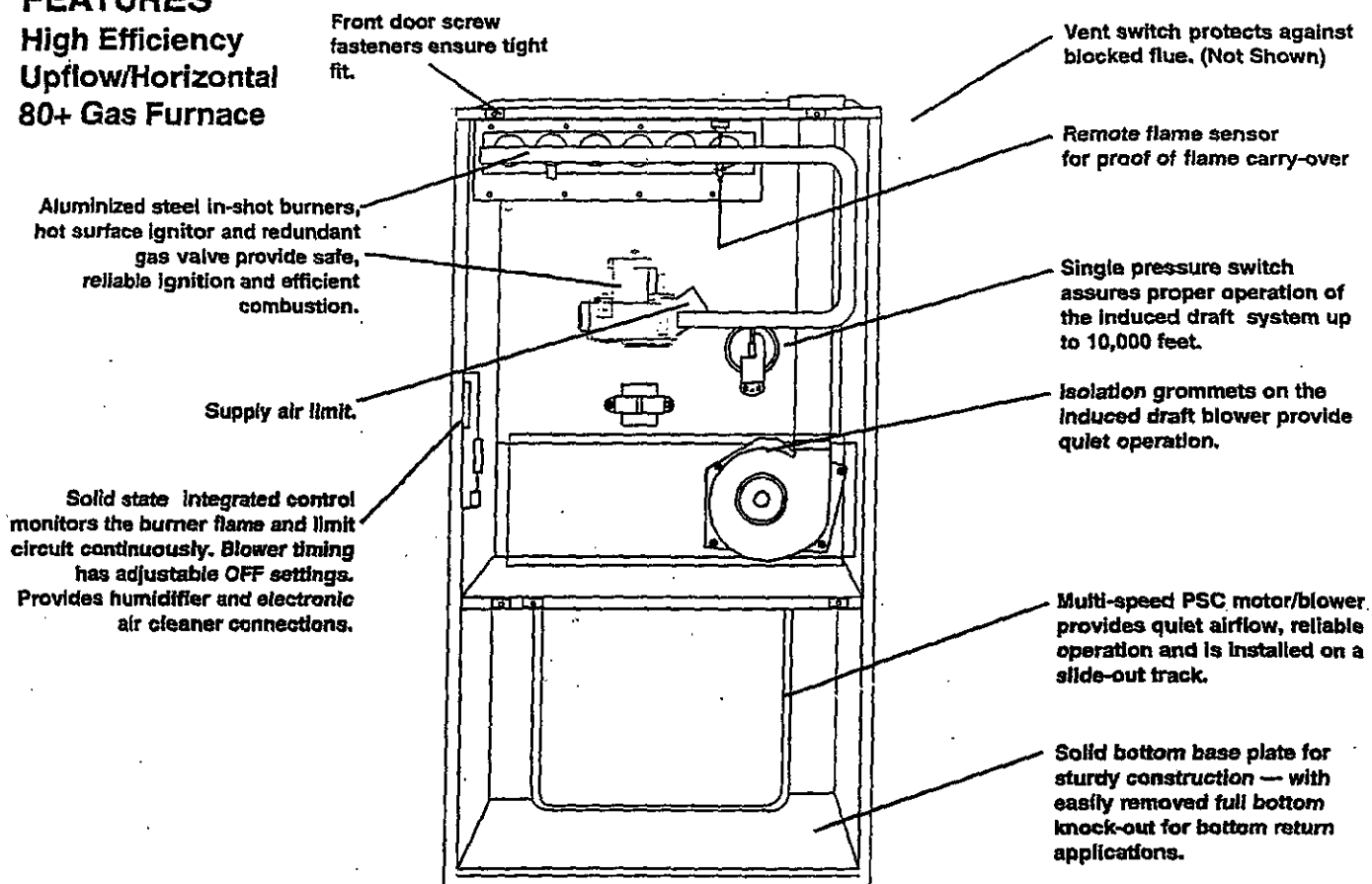
FEATURES and BENEFITS

- Best warranty in the business —
 - A full 20 years on the heat exchanger
 - 6 years on all parts
- 100% fired and tested — All units and each component (both mechanical and electrical) are tested on the manufacturing line.
- Best packaging in the industry — Unique design assures product will arrive to the homeowner dent free.
- Clean and quiet operation — Due to the unique design of in-shot burners, location of inducer, return air vents, and use of insulation.
- Fixed 30-second blower delay at burner start-up assures a warm duct temperature at furnace start-up. Adjustable blower off settings (60, 90, 120 and 180 seconds).
- Fixed 30-second post purge increases life of heat exchanger.
- Dependable, shock-mounted hot surface ignitor — Innovative application of an appliance type igniter with a 20-year history of reliability, assures no call-backs because of handling.
- Color coded wire harness — Designed to fit the components, all with quick-connect fittings for ease of service and replacement.
- Approved for categories I and III venting systems — May be common, dedicated, or through-the-wall vented for maximum flexibility in installation.
- Tubular primary heat exchanger — Heavy gauge aluminized steel heat exchanger assures a long life.
- 90-second fixed cooling cycle blower-off delay (TDR) increases cooling performance when matched with a NORDYNE coil.
- Variable speed blower kit is available to maximize air conditioner and heat pump efficiencies. On selected units, SEER ratings up to 14 and HSPF ratings up to 8.5 are ARI listed.
- Multi-speed direct drive blower — Designed to give a wide range of cooling capacities. 40VA transformer included.
- LP convertible — Simple burner orifice and regulator spring change for ease of convertibility.
- Diagnostic lights flash to identify limit failure, pressure switch failure, improper ground and polarization, and low flame signal — for easy troubleshooting.
- Incorporates new integrated control board with connections for electronic air cleaner, humidifier and twinning.
- New two piece door design enhances furnace appearance and uses screw fasteners for easier accessibility.
- 3 amp fuse protection against low voltage shorts; protects transformer and control board.
- Low voltage terminal board for easy field wiring.
- Components and Controls — Designing quality into our products means selecting manufacturers that have a reputation for delivering high quality, dependable products.



FEATURES

High Efficiency Upflow/Horizontal 80+ Gas Furnace



STANDARD EQUIPMENT

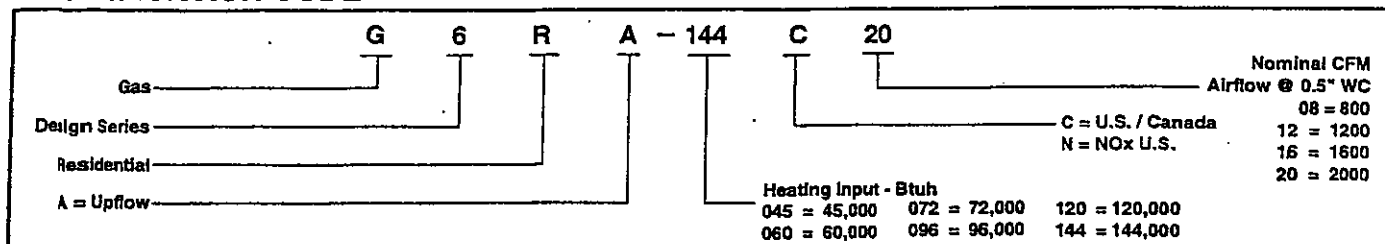
Draft inducer; pressure switch; redundant main gas control; hot-surface ignition; timed ON/OFF blower controls(TDR) ; 40VA transformer for air conditioner application; limit controls; solid base plate with knock-out for easy removal; direct drive motor; all models can be converted to use L.P. (propane) gas. Factory approved kits *only* must be used and are available as an optional accessory from your distributor.

SPECIFICATIONS

G&H MODEL NUMBERS	046(08)	060(12)	072(12)	072(16)	098(12)	098(16)	098(20)	120(16)	120(20)	144(20)
Input-Btuh (a)	45,000	60,000	72,000	72,000	98,000	98,000	98,000	120,000	120,000	144,000
Heating Capacity - Btuh	36,000	48,000	58,000	58,000	77,000	77,000	77,000	98,000	98,000	115,000
AFUE	80+	80+	80+	80+	80+	80+	80+	80+	80+	80+
Max. Htg. Ext. St. Press. In W.C.	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Blower Wheel D x W	10 x 6	10 x 6	10 x 6	10 x 10	10 x 9	10 x 10	11 x 10	10 x 10	11 x 10	11 x 10
Motor H.P. -Speed -Type	1/5 - 3 - PSC	1/3 - 3 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	3/4 - 4 - PSC
Motor FLA	2.8	6.0	6.0	7.9	6.0	7.9	11.1	7.9	11.1	11.1
Temperature Rise Range - °F	45 - 75	45 - 75	45 - 75	40 - 70	50 - 80	50 - 80	40 - 70	50 - 80	45 - 75	45 - 75
Approximate Shipping Wt. - lbs.	108	120	120	125	157	158	165	172	174	183

All models are 115 V, 60 HZ. Gas connections are 1/2" N.P.T
AFUE= Annual Fuel Utilization Efficiency

IDENTIFICATION CODE



Through-the-Wall VENTING Venting Requirements

These furnaces are approved to use with 3" single wall AL29-4C stainless steel vent pipe in through-the-wall vent applications, and with the required through-the-wall vent kit listed below. The pipe is available from the following manufacturers:

Z-Flex Inc. - vent brand name (**Z-VENT**)

Heat-fab Inc. - vent brand name (**Saf-T Vent**)

Flex-L International - vent brand name (**STAR-34 Vent**)

When venting through-the-wall, this is a Category III furnace, the vent pressure is positive, and the venting system must be sealed in both horizontal and vertical runs.

Model Number G6RA	Min. Pipe Size	Reducer Needed	Flue Outlet 2 (in.)	Max. # Elbows	Max. Fl. Vent Pipe
045()-08	3"	None	3	4	35
060()-12	3"	4" to 3"	4	4	35
072()-12	3"	4" to 3"	4	4	35
072()-16	3"	4" to 3"	4	4	35
096()-12	3"	4" to 3"	4	4	35
096()-16	3"	4" to 3"	4	4	35
096()-20	3"	4" to 3"	4	4	35
120()-16	3"	4" to 3"	4	4	35
120()-20	3"	4" to 3"	4	4	35
144()-20"	3"	4" to 3"	5	3	30

* NOTE: Special 5" to 4" Reducer Kit (#902249) required for model G6RA144C-120.

VENTING

All models, with the exception of the reduced NOx models, are approved for vertical and through-the-wall venting applications (see table above). All models may be common vented with a gas water heater. Type B gas vent materials may be used when connected to a vertical vent system. The installation must be in accordance with the venting instructions supplied with the furnace.

GENERAL TERMS OF LIMITED WARRANTY **

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated below, in accordance with the terms of the warranty.

G6RA Models Warranty

Gas Heat Exchanger 20-Year Limited Warranty
Any Other Part 6-Year Limited Warranty

** For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the factory for a copy.

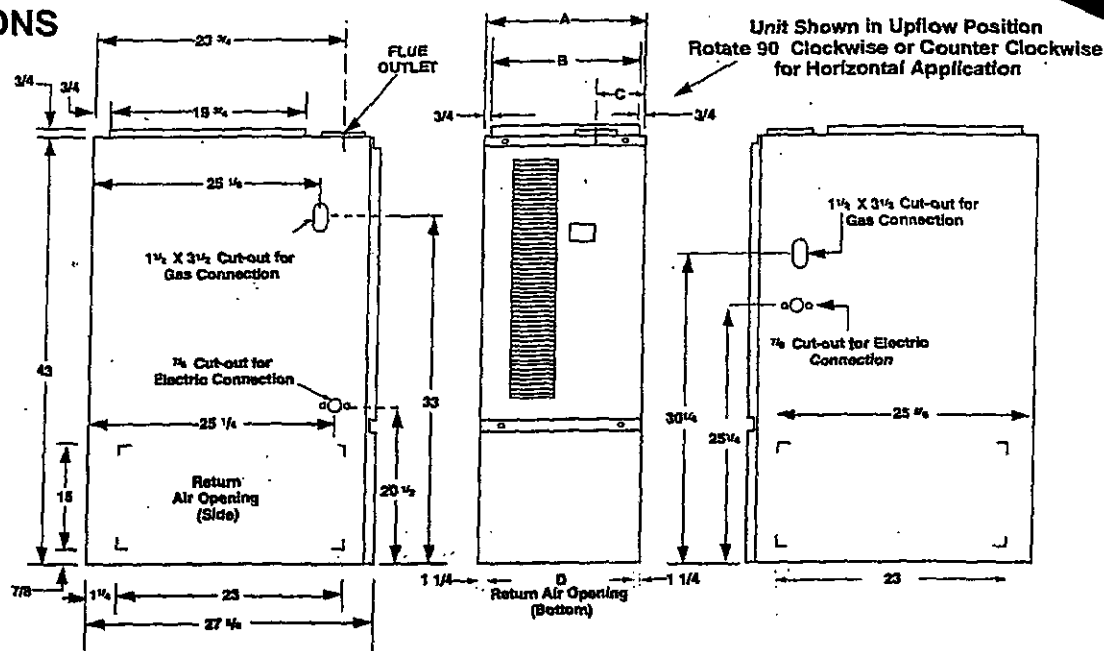
High Efficiency 80% with Honeywell VR Gas Valve		
Kit		Order Number
U.S. High Altitude Natural Gas Conversion Kit (2,000 to 10,000 ft.)		903491
U.S. Propane Kit (0 to 2,000 ft.)		903492
U.S. High Altitude Propane Gas Conversion Kit (2,000 to 10,000 ft.)		903493
Canadian High Altitude Natural Gas Conversion Kit (2,000 to 4,500 ft.)		903494
Canadian Propane Gas Conversion Kit (0 to 4,500 ft.)		903495
Fossil Fuel Kit		914762
Side Return Filter Kit		541036
Bottom Return Filter Kit	A Cabinet	903088
	B Cabinet	903089
	C Cabinet	903090
Downflow Sub-Base	A Cabinet	902974
	B Cabinet	902677
Horizontal Vent Kit		903196
Internal Side Return Filter Wire		903152



403A-0898 (Replaces 403A-0698)

Specifications and illustrations subject to change without notice

DIMENSIONS



MODEL NUMBER GBRA	A (in.)	B (in.)	C (in.)	D (in.)	MODEL NUMBER GBRA	A (in.)	B (in.)	C (in.)	D (in.)
045(*)-08	14 1/4	12 3/4	3 1/4	11 3/4	096(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
060(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	096(*)-20	22 1/2	21	3 3/4	20
072(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	120(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
072(*)-16	19 3/4	18 1/4	3 3/4	17 1/4	120(*)-20	22 1/2	21	3 3/4	20
096(*)-12	19 3/4	18 1/4	3 3/4	17 1/4	144(*)-20	22 1/2	21	4 1/4	20

BLOWER PERFORMANCE

Upflow Furnace Airflow Data												
GBRA Furnace Model No.	Motor HP	Motor Speed	External Static Pressure (Inches Water Column)									
			0.5 in. w.c.		1.0 in. w.c.		1.5 in. w.c.		2.0 in. w.c.		2.5 in. w.c.	
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
045C-08	1/8	High *	1000	-	870	-	950	-	920	-	870	-
		Medium	780	48	740	47	730	47	720	48	690	50
		Low **	630	55	620	56	610	57	600	58	570	61
060C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	-	1190	-	1160	-	1120	-	1070	-
		Low **	820	57	800	58	780	59	760	61	730	63
072C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	48	1190	47	1160	48	1120	49	1070	52
		Low **	820	68	800	69	780	71	760	73	730	76
072C-18	1/2	High *	1980	-	1910	-	1830	-	1760	-	1660	-
		Med-High	1710	-	1660	-	1610	-	1540	-	1470	-
		Med-Low	1490	-	1470	-	1420	-	1380	-	1320	-
096C-12	1/3	High *	1530	-	1450	-	1390	-	1300	-	1220	-
		Medium**	1380	64	1320	67	1250	71	1190	75	1100	81
		Low	930	-	900	-	870	-	820	-	750	-
096C-18	1/2	High *	1980	-	1910	-	1840	-	1760	-	1680	-
		Med-High	1720	-	1670	-	1610	-	1560	-	1480	-
		Med-Low	1470	50	1440	52	1410	53	1370	54	1320	58
096C-20	3/4	High *	2340	-	2280	-	2220	-	2180	-	2150	-
		Med-High	1910	-	1880	-	1860	-	1830	-	1810	-
		Med-Low	1520	49	1510	49	1490	50	1480	50	1460	51
120C-18	1/2	High *	1900	-	1830	-	1750	-	1630	-	1560	-
		Med-High **	1720	54	1670	56	1610	58	1560	59	1480	63
		Med-Low	1450	64	1420	65	1380	67	1340	69	1280	72
120C-20	3/4	High *	2300	-	2250	-	2190	-	2130	-	2090	-
		Med-High	1910	49	1880	49	1860	50	1830	51	1800	52
		Med-Low	1540	60	1530	61	1520	61	1500	62	1480	63
144C-20	3/4	High *	2240	-	2190	-	2130	-	2070	-	2020	-
		Med-High**	1900	49	1860	50	1820	51	1780	52	1740	53
		Med-Low	1520	61	1510	61	1490	62	1480	63	1450	64
		Low	1330	-	1310	-	1290	-	1280	-	1250	-

*Factory wired cooling speed tap.

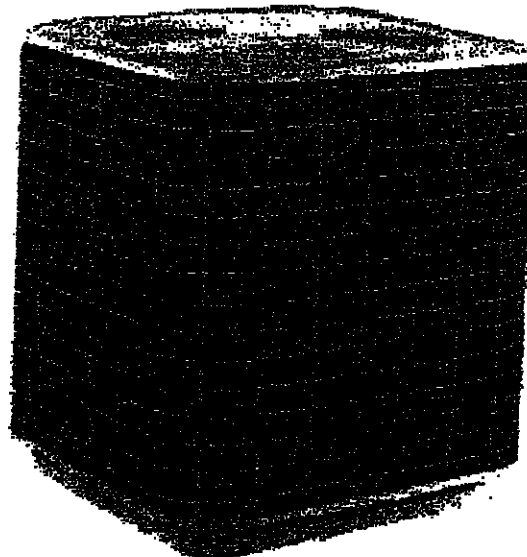
**Factory wired heating speed tap.

- Not Recommended

TECHNICAL SPECIFICATIONS

S3BA Series High Efficiency Air Conditioner 10 SEER 1-1/2 – 5 Ton Capacity

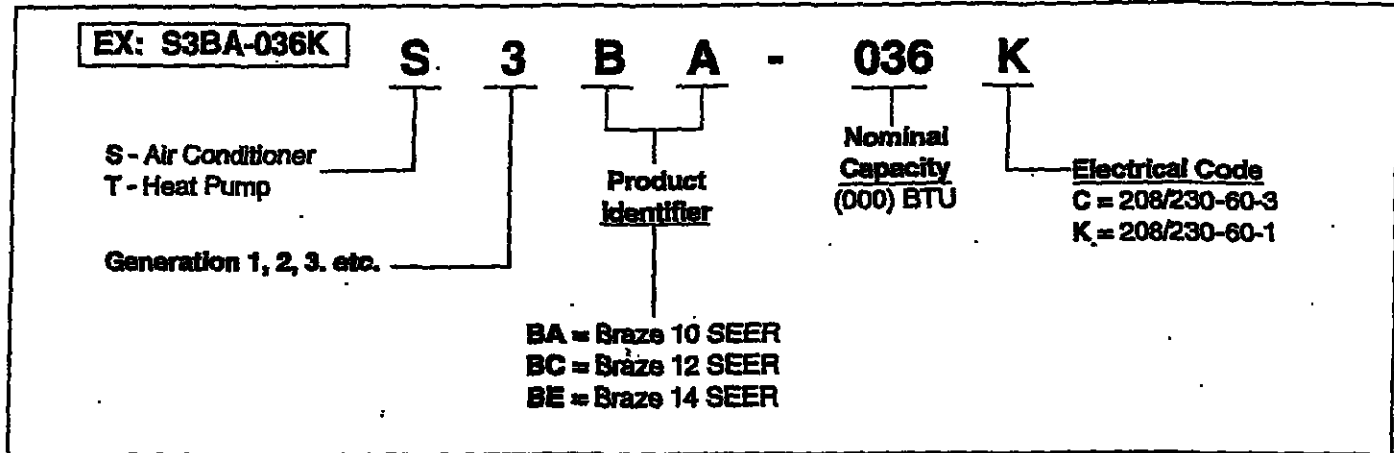
The S3BA Series of air conditioners offers exceptional performance from a small, compact package. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment. Units are ideally sized for slab or rooftop mounting in single, multifamily, and light commercial applications.



FEATURES and BENEFITS

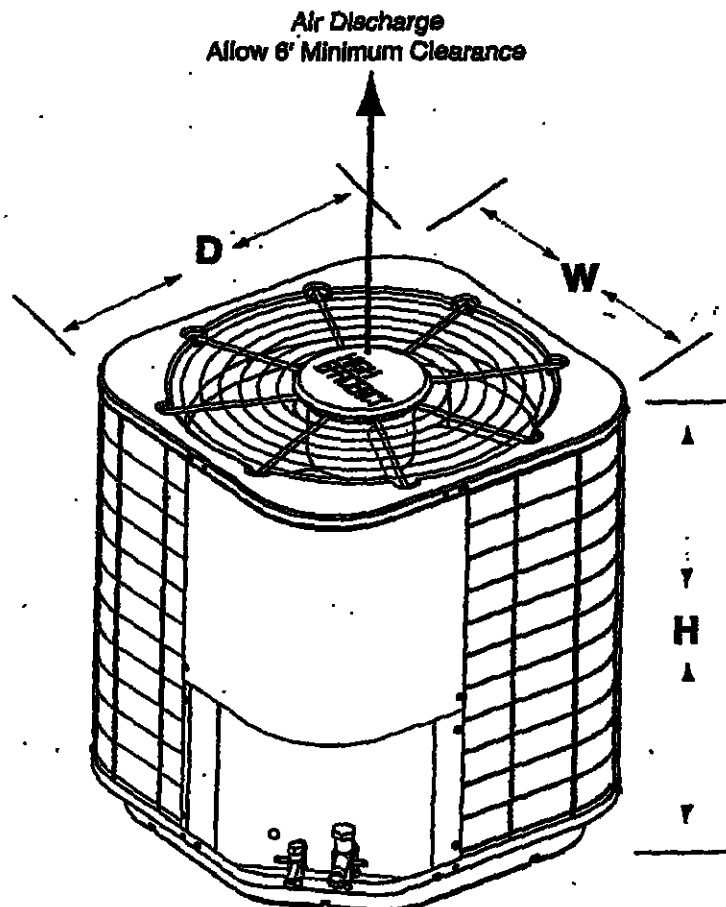
- **Durable, Attractive Cabinet**—Designed using galvanized steel with a high gloss polyester urethane powder coat finish. The 750 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils**—Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor**—A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Full Service Valves**—These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Plastic Coated Coil Guard**—A wire guard that will never rust and protects the units coil from being damaged by balls, lawnmowers, etc.
- **Removable Top Grille Assembly**—Allows ease of service from the top without disconnecting fan motor leads.
- **One Piece Top/Orifice**—Designed for maximum airflow and quiet operation.
- **2-1/2" Pedestal Base**—The sturdy base keeps the bottom of the coil out of harms way. Secondly, the base has weep holes along the edge to allow the water from rain to flow away from the unit.
- **Five Minute Restart Time Delay**—When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Easy Compressor and Control Access**—Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **6 Year Limited All Parts Warranty**—The best in the industry and has proven to be a major benefit to the consumer.

MODEL IDENTIFICATION CODES



DIMENSIONS OUTDOOR SECTION

S3BA	018	024	030	036	042	048	060
H	22-1/2	22-1/2	26-1/2	30-1/2	34-1/2	26-1/2	34-1/2
W	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2
D	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

10 SEER — High Efficiency — Single Phase

Model No. S3BA			018K	024K	030K	036K	042K	048K	060K
Electrical Data	Volts-Cycles-Phase		208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	Total Amps		9.2	10.5	14.9	15.7	18.3	19.6	26.5
	Delay Fuse Max.		20	20	30	30	40	40	50
	Min. Circuit Ampacity		11.4	12.9	18.4	19.3	22.5	24.2	32.7
Component Data	Coil	Area	8.3	8.3	10.0	11.7	13.3	15.3	20.4
		Rows-FPI	1-16	1-18	1-20	1-20	1-22	1-18	1-22
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.67	0.67	1.25	1.25	1.25	1.4	1.5
		Watts-HP	145-1/10	145-1/10	210-1/8	210-1/8	210-1/8	245-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	18 in. - 3	18 in. - 3	18 in. - 3	18 in. - 3	24 in. - 2	24 in. - 3
		SCFM	2100	2100	2500	2500	2500	3300	4000
	Compress	FLA	8.6	9.8	13.7	14.4	17.0	18.2	25.0
		LRA	49	56	75	82	105	102	170
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)		15 ft.	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
		25 ft.	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8"
		40 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"
Refrigerant Charge		(Outdoor unit, Indoor Unit							
R-22 Ounces		15' Line Set)		62	72	76	90	102	130
Weight		Net	140	142	148	154	160	166	178
Approximate (lbs.)		Ship	152	154	160	166	172	178	190

10 SEER — High Efficiency — Three Phase

Model No. S3BA		036K	048K	060K	
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-3	208/230-60-3	208/230-60-3
	Total Amps		10.2	14	16.9
	Delay Fuse Max. (2)		20	30	35
	Min. Circuit Ampacity		12.5	17.2	20.8
Component Data	Coil	Area	11.7	15.3	20.4
		Rows-FPI	1-20	1-18	1-22
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC
		Amps	1.25	1.4	1.5
		Watts-HP	210-1/8	245-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	24 in. - 2	24 in. - 3
		SCFM	2500	3000	3600
	Compressor Data*	FLA	9.0	12.8	15.4
		LRA	70	91	124
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)		15 ft.	3/4"	7/8"	7/8"
		25 ft.	3/4"	7/8"	1-1/8" (5)
		40 ft.	7/8" (4)	7/8"	1-1/8" (5)
Refrigerant Charge		(Outdoor unit, Indoor Unit)			
R-22 Ounces		15' Line Set	90	105	130
Weight		Net	154	166	178
Approximate (lbs.)		Ship	166	178	190

COPPER WIRE SIZE — AWG				
(1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

- * Values shown are most severe and may vary slightly depending on the make of the compressor supplied.
- (1) Operating Voltage Range: 198v min. — 253v max.
- (2) HACR Type Circuit Breakers may be used.
- (3) Requires 3/4" to 5/8" reducer from unit to line.
- (4) Requires 7/8" to 3/4" reducer from line to unit.
- (5) Requires 7/8" to 1-1/8" reducer from line to unit.

SYSTEM HEATING & COOLING CAPACITIES

10 SEER — High Efficiency — Single Phase

With This Coil					
Outdoor Unit					
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Required Orifice Size
S3BA-018K	C3BL-018C/U-A	17,800	10.0	675	.051
S3BA-024K	C3BA-024C/U-B	23,600	10.0	800	.060
S3BA-024K	C3BL-023C/U-A	22,800	10.0	800	.060
S3BA-030K	C3BA-030C/U-B	29,800	10.0	1100	.067
S3BA-030K	C3BL-028C-A	28,200	10.0	1100	.067
S3BA-036K	C3BA-036C/U-B	34,600	10.0	1250	.073
S3BA-042K	C3BA-042C/U-C	40,000	10.0	1400	.077
S3BA-048K	C3BA-048C/U-C	45,500	10.0	1600	.082
S3BA-048K	C3BA-048C/U-B	45,000	10.0	1500	.082
S3BA-060K	C3BA-060C/U-C	56,500	10.0	1800	.096

With This Air Handler					
Outdoor Unit					
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Required Orifice Size
S3BA-018K	B2B(M,V)-018K-A	17,800	10.0	675	.051
S3BA-024K	B2B(M,V)-024K-A	22,800	10.0	800	.060
S3BA-030K	B2B(M,V)-030K-B	29,800	10.0	1100	.067
S3BA-036K	B2B(M,V)-036K-B	34,600	10.0	1250	.073
S3BA-042K	B2B(M,V)-042K-C	40,000	10.0	1400	.077
S3BA-048K	B2B(M,V)-048K-C	45,500	10.0	1600	.082
S3BA-060K	B2B(M,V)-060K-C	56,500	10.0	1800	.096

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Thermostat

Two thermostats are available.

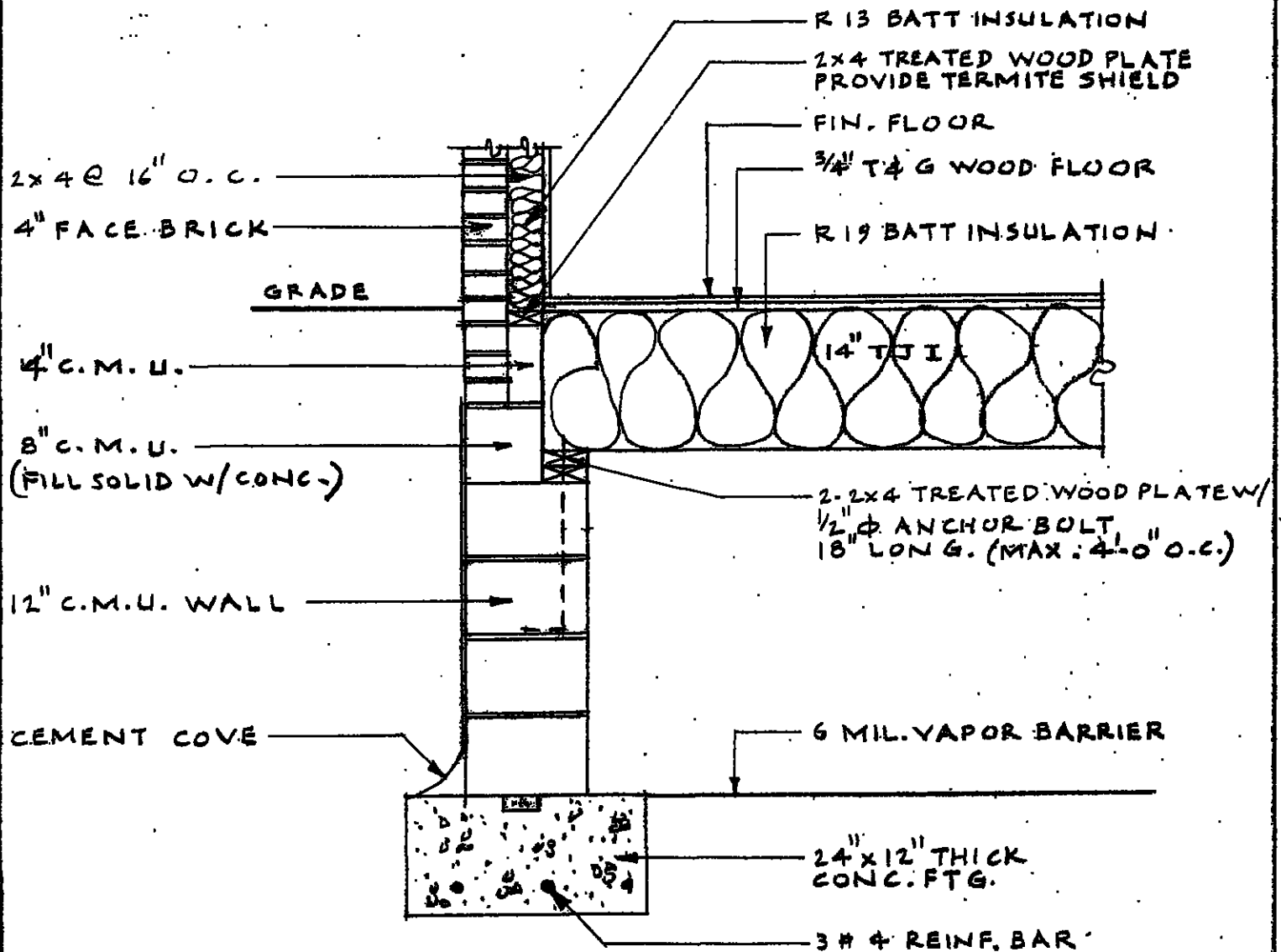
911096 - Single-Stage

911100 - Two-Stage Heat / One-Stage Cool

325A-0497 (Replaces 325A-1296)



Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring additional cost. Printed in U.S.A. (5/87)



TYP. SECTION

SCALE: 3/4" = 1' - 0"

ROUTE 88 PROFESSIONAL BUILDING
LOT 21 & 25 BLOCK 835
TOWNSHIP OF BRICK
OCEAN COUNTY, N. J.

P. I. Jain

PRVIN H. PATEL ASSOCIATES, INC.
ENGINEERS ARCHITECTS INTERIORS

246 WASHINGTON ST. P.O. 5174
TOMS RIVER, NEW JERSEY 08754-5174
(732) 244-1181 FAX (732) 244-8048

OWNERSHIP OF DOCUMENTS

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property and copyright of PRVIN H. PATEL ASSOCIATES, INC. and is not to be used or copied, in whole or in part, for this or any other project without the written authorization of PRVIN H. PATEL ASSOCIATES, INC.

DES.	DATE 8-2-04	SCALE:
DWG. P1J	PROJECT # 04535	SHEET 5K-1

National Electrical Code
Plan Review Record
Township of Brick

Date: 7-12-04

Site Address: 1683 RT. 88 WEST

Reviewed By: TOM

CORRECTION LIST
Description

No.

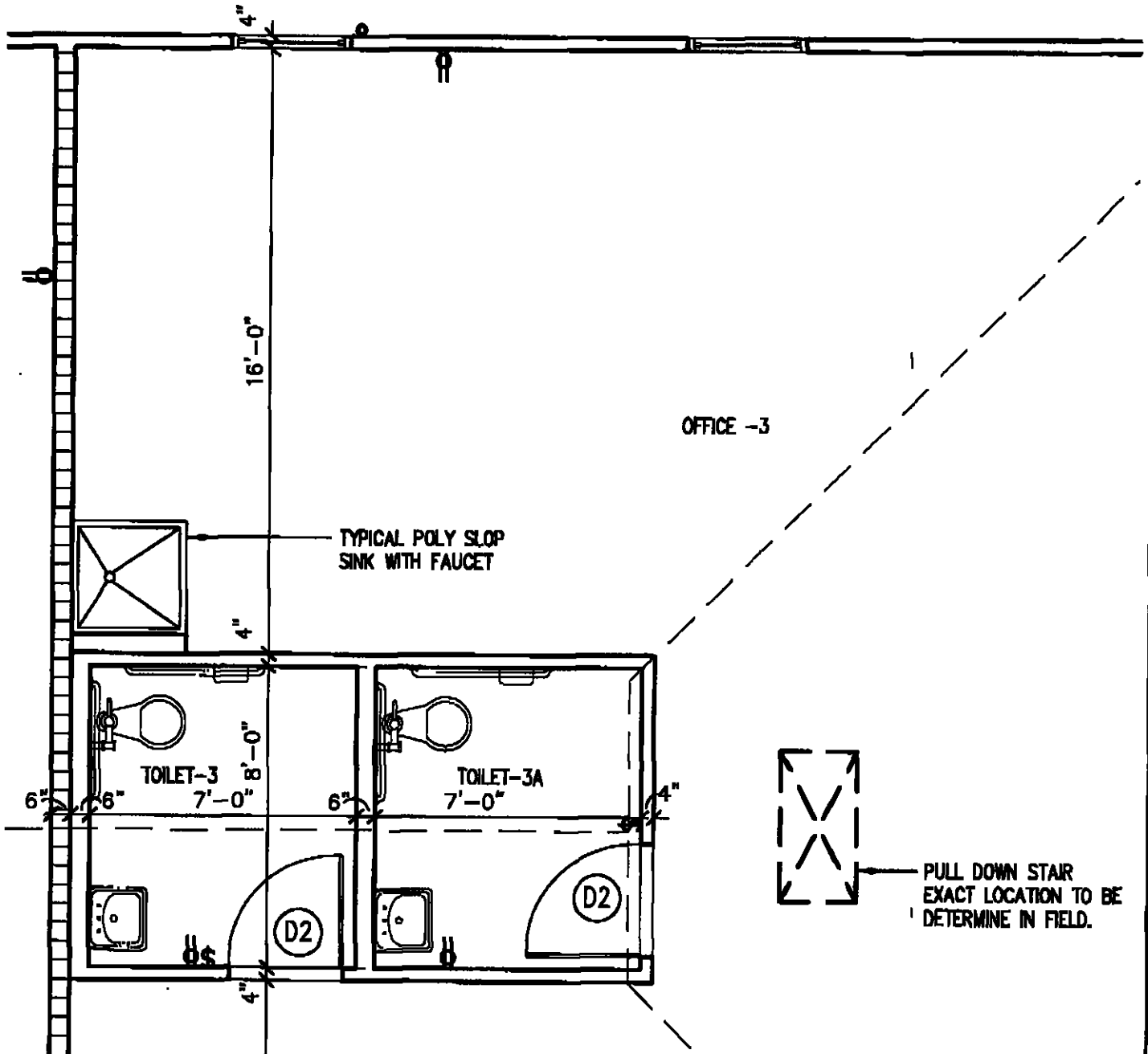
- 1) PAULT CURRENT NOTED
- 2) show MOTOR & PANEL LOCATION
- 3) show IN SIDE PANEL LOCATION
- 4) show WIRE SIZE TO MOTORS AND SUBPANELS
- 5) show LIGHTING & SWITCH REAR EXIT AREA
- 6) TAC SHOWS 400 AMP, 4 SUB PANELS.
PLAN SHOWS 600 AMP 4 SUB PANELS
- 7) show SINGLE OR THREE PHASE
- 8) show EXAM ROOM/OFFICE AREA.

CALLER CONTRACTOR MIKE
KRISTY SHAY 477-6465

Party Called and Phone #: _____

Resubmitted on: _____

By: _____



FLOOR PLAN- PART

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

PRAVIN H. PATEL ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS

246 WASHINGTON ST. P.O. 5174
 TOMS RIVER, NEW JERSEY 08754-5174
 TEL: (732) 244-1181 FAX: (732) 244-6048

OWNERSHIP OF DOCUMENTS

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property and copyright of PRAVIN H. PATEL ASSOCIATES, INC. and is not to be used or copied, in whole or in part, for this or any other project without the written authorization of PRAVIN H. PATEL ASSOCIATES, INC.

DES. PIJ	DATE 21 JULY 04	SCALE: 1/4"=1'-0"
DWG. B.K.N.	PROJECT # 04535	SHEET SK-1



Pravin H. Patel Associates, Inc.
Engineers • Architects • Planners

20th Anniversary
1988 - 2008

Pravin H. Patel, P.E., P.P.
Pankaj I. Jani, A.I.A.

Associates
Dharm Bhatt
Bhavesh Naik
Mark Ostojich

July 21, 2004

Brick Construction Code Official
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

REF: Route 88 Medical Building
Brick, NJ
phpa Project No. 04535

Dear Sir:

Attached herewith please find sketch of addition of slop sink in each unit of the office for your review.

If there are any questions, please do not hesitate to contact our office.

Very truly yours,

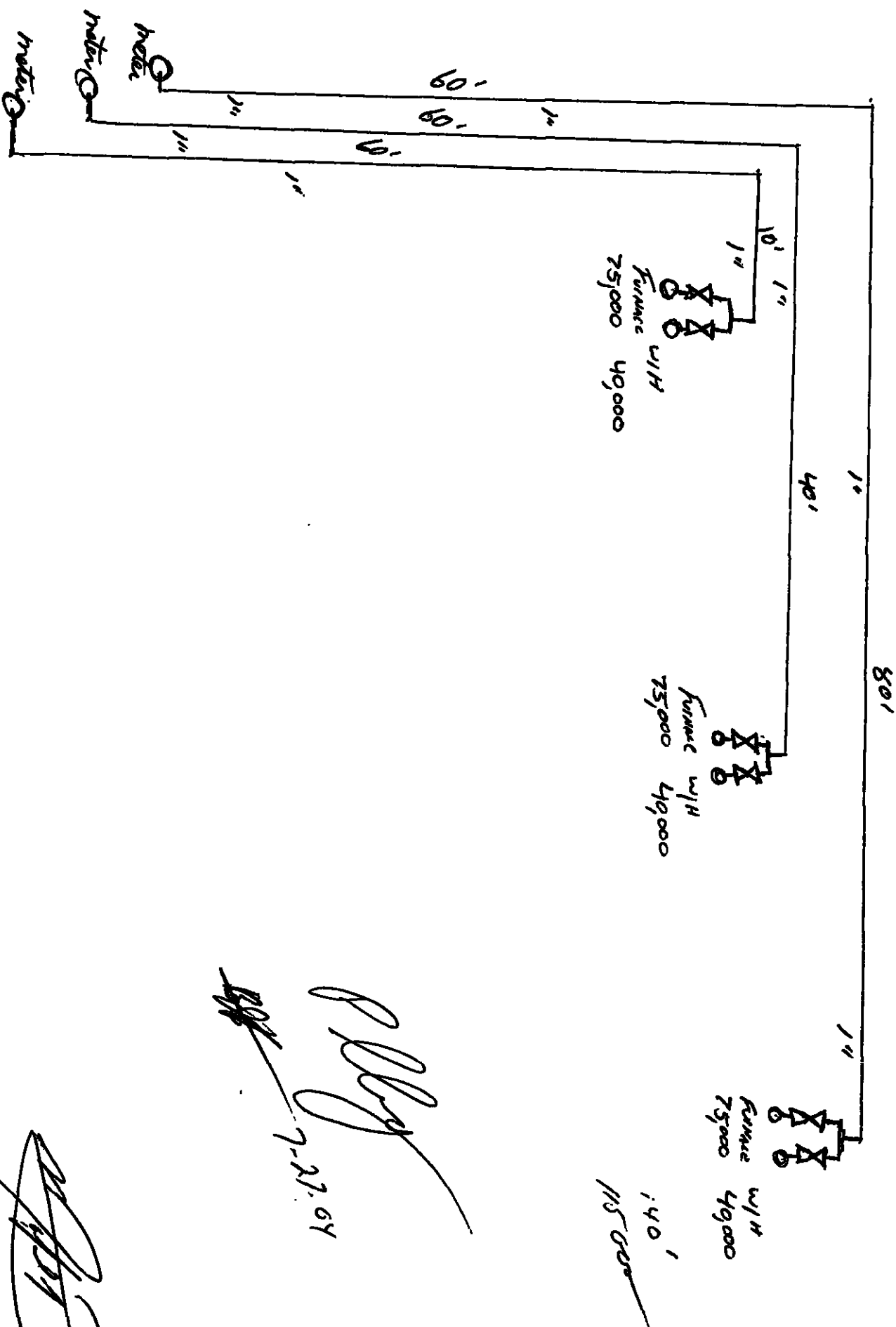
PRAVIN H. PATEL ASSOCIATES, INC.

P. I. Jani

Pankaj I. Jani, A.I.A.

PIJ/joc

16x3 115
 PUL 81-25
 105



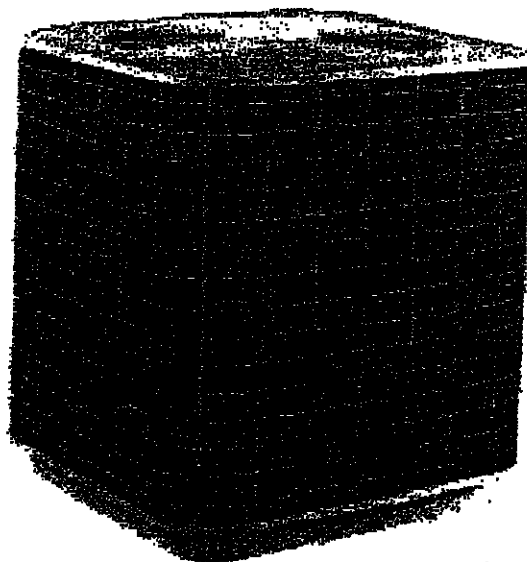
P. B. G.
 7-27-64

[Signature]

TECHNICAL SPECIFICATIONS

S3BA Series High Efficiency Air Conditioner 10 SEER 1-1/2 – 5 Ton Capacity

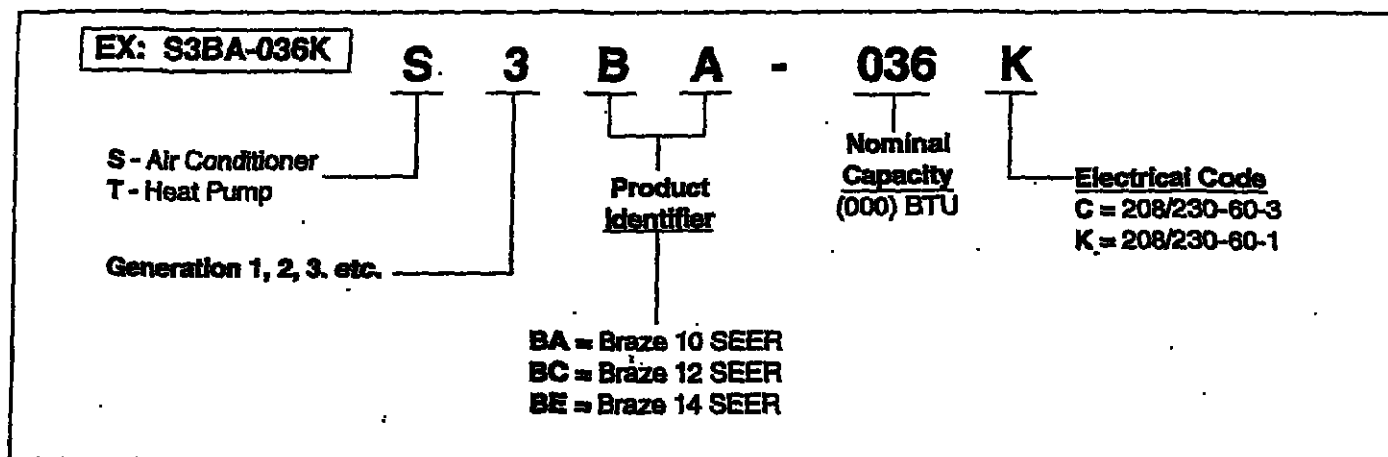
The S3BA Series of air conditioners offers exceptional performance from a small, compact package. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment. Units are ideally sized for slab or rooftop mounting in single, multifamily, and light commercial applications.



FEATURES and BENEFITS

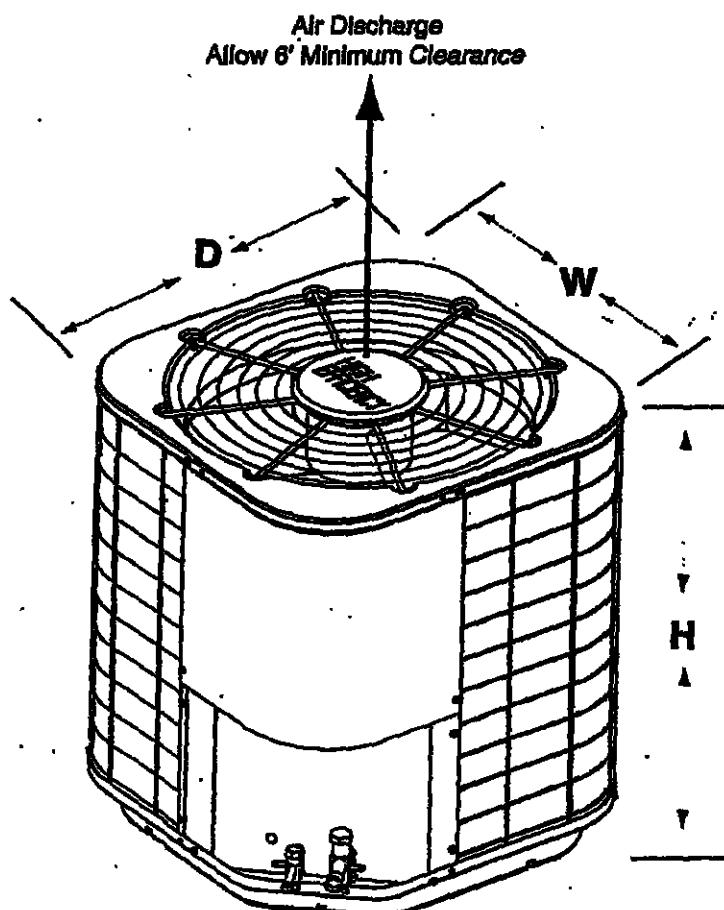
- **Durable, Attractive Cabinet**—Designed using galvanized steel with a high gloss polyester urethane powder coat finish. The 750 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils** — Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor** — A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Full Service Valves** — These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Plastic Coated Coil Guard** — A wire guard that will never rust and protects the units coil from being damaged by balls, lawnmowers, etc.
- **Removable Top Grille Assembly** — Allows ease of service from the top without disconnecting fan motor leads.
- **One Piece Top/Orifice** — Designed for maximum airflow and quiet operation.
- **2-1/2" Pedestal Base** — The sturdy base keeps the bottom of the coil out of harms way. Secondly, the base has weep holes along the edge to allow the water from rain to flow away from the unit.
- **Five Minute Restart Time Delay** — When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Easy Compressor and Control Access** — Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **6 Year Limited All Parts Warranty** — The best in the industry and has proven to be a major benefit to the consumer.

MODEL IDENTIFICATION CODES



DIMENSIONS OUTDOOR SECTION

S3BA	018	024	030	036	042	048	060
H	22-1/2	22-1/2	26-1/2	30-1/2	34-1/2	26-1/2	34-1/2
W	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2
D	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	30-1/2	30-1/2



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

10 SEER — High Efficiency — Single Phase

Model No. S3BA		018K	024K	030K	036K	042K	048K	060K
Electrical Data	Volts-Cycles-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	Total Amps	9.2	10.5	14.9	15.7	18.3	19.6	26.5
	Delay Fuse Max.	20	20	30	30	40	40	50
	Min. Circuit Ampacity	11.4	12.9	18.4	19.3	22.5	24.2	32.7
Component Data	Coil	Area	8.3	8.3	10.0	11.7	13.3	20.4
		Rows-FPI	1-18	1-18	1-20	1-20	1-22	1-22
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.67	0.67	1.25	1.25	1.4	1.5
		Watts-HP	145-1/10	145-1/10	210-1/8	210-1/8	245-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	18 in. - 3	18 in. - 3	18 in. - 3	24 in. - 2	24 in. - 3
		SCFM	2100	2100	2500	2500	3300	4000
	Compressor	RLA	8.6	9.8	13.7	14.4	17.0	25.0
		LRA	49	56	75	82	105	170
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)	15 ft.	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
	25 ft.	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8"
	40 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"
Refrigerant Charge (Outdoor unit, Indoor Unit R-22 Ounces 15' Line Set)								
			62	72	76	90	102	130
Weight Approximate (lbs.)	Net	140	142	148	154	160	166	178
	Ship	152	154	160	166	172	178	190

10 SEER — High Efficiency — Three Phase

Model No. S3BA		036C	048C	060C
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-3	208/230-60-3	208/230-60-3
	Total Amps	10.2	14	15.9
	Delay Fuse Max. (2)	20	30	35
	Min. Circuit Ampacity	12.5	17.2	20.8
Component Data	Coil	Area	11.7	15.3
		Rows-FPI	1-20	1-18
		Tube Dia.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC
		Amps	1.25	1.4
		Watts-HP	210-1/8	245-1/4
	Fan Blade	Dia.-#Blades	18 in. - 3	24 in. - 2
		SCFM	2500	3000
	Compressor Data*	RLA	9.0	12.6
		LRA	70	91
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)	15 ft.	3/4"	7/8"	7/8"
	25 ft.	3/4"	7/8"	1-1/8" (5)
	40 ft.	7/8" (4)	7/8"	1-1/8" (5)
Refrigerant Charge (Outdoor unit, Indoor Unit R-22 Ounces 15' Line Set)				
			90	105
Weight Approximate (lbs.)	Net	154	166	178
	Ship	166	178	190

COPPER WIRE SIZE — AWG (3% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

- * Values shown are most severe and may vary slightly depending on the make of the compressor supplied.
- (1) Operating Voltage Range: 198v min. — 253v max.
 - (2) HACR Type Circuit Breakers may be used.
 - (3) Requires 3/4" to 5/8" reducer from unit to line.
 - (4) Requires 7/8" to 3/4" reducer from line to unit.
 - (5) Requires 7/8" to 1-1/8" reducer from line to unit.

SYSTEM HEATING & COOLING CAPACITIES

10 SEER — High Efficiency — Single Phase

Outdoor Unit		With This Coil			Required
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Orifice Size
S3BA-018K	C3BL-018C/U-A	17,800	10.0	675	.051
S3BA-024K	C3BA-024C/U-B	23,600	10.0	800	.060
S3BA-024K	C3BL-023C/U-A	22,800	10.0	800	.060
S3BA-030K	C3BA-030C/U-B	29,600	10.0	1100	.067
S3BA-030K	C3BL-028C-A	28,200	10.0	1100	.067
S3BA-036K	C3BA-036C/U-B	34,600	10.0	1250	.073
S3BA-042K	C3BA-042C/U-C	40,000	10.0	1400	.077
S3BA-048K	C3BA-048C/U-C	45,500	10.0	1600	.082
S3BA-048K	C3BA-048C/U-B	45,000	10.0	1500	.082
S3BA-060K	C3BA-060C/U-C	58,500	10.0	1800	.096

Outdoor Unit		With This Air Handler			Required
Model Number	Model Number	Cooling Btu/h	SEER	Nominal cfm	Orifice Size
S3BA-018K	B2B(M,V)-018K-A	17,800	10.0	675	.051
S3BA-024K	B2B(M,V)-024K-A	22,800	10.0	800	.060
S3BA-030K	B2B(M,V)-030K-B	29,600	10.0	1100	.067
S3BA-036K	B2B(M,V)-036K-B	34,600	10.0	1250	.073
S3BA-042K	B2B(M,V)-042K-C	40,000	10.0	1400	.077
S3BA-048K	B2B(M,V)-048K-C	45,500	10.0	1600	.082
S3BA-060K	B2B(M,V)-060K-C	58,500	10.0	1800	.096

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933
Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Thermostat
Two thermostats are available.
911096 - Single-Stage
911100 - Two-Stage Heat / One-Stage Cool

325A-0487 (Replaces 325A-1286)



Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice. Printed in U.S.A. (10/97)

TECHNICAL SPECIFICATIONS

G6RA Series

High Efficiency Upflow/Horizontal Gas Furnace

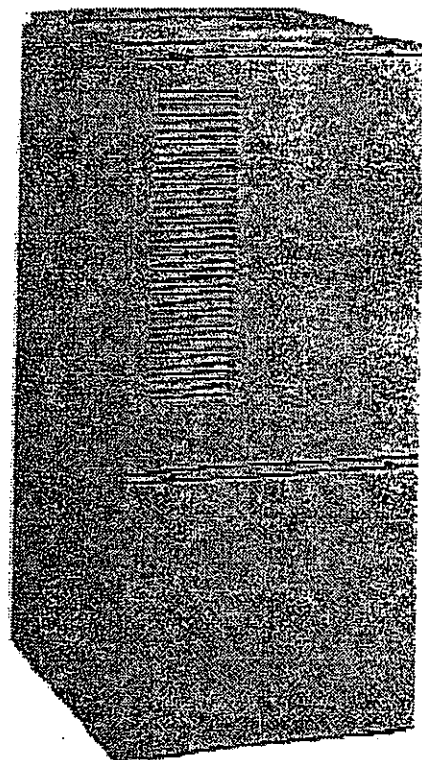
Induced Draft - 80+ AFUE

Input 45,000 - 144,000 Btuh

The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. The extended flush jacket provides a pleasing "appliance appearance." Design certified by the American Gas Association (AGA) Laboratories and the Canadian Gas Association (CGA) Laboratories. The product is truly designed with the contractor and the consumer in mind.

FEATURES and BENEFITS

- Best warranty in the business —
 - A full 20 years on the heat exchanger
 - 6 years on all parts
- 100% fired and tested — All units and each component (both mechanical and electrical) are tested on the manufacturing line.
- Best packaging in the industry — Unique design assures product will arrive to the homeowner dent free.
- Clean and quiet operation — Due to the unique design of in-shot burners, location of inducer, return air vents, and use of insulation.
- Fixed 30-second blower delay at burner start-up assures a warm duct temperature at furnace start-up. Adjustable blower off settings (60, 90, 120 and 180 seconds).
- Fixed 30-second post purge increases life of heat exchanger.
- Dependable, shock-mounted hot surface ignitor — Innovative application of an appliance type igniter with a 20-year history of reliability, assures no call-backs because of handling.
- Color coded wire harness — Designed to fit the components, all with quick-connect fittings for ease of service and replacement.
- Approved for categories I and III venting systems — May be common, dedicated, or through-the-wall vented for maximum flexibility in installation.
- Tubular primary heat exchanger — Heavy gauge aluminized steel heat exchanger assures a long life.
- 90-second fixed cooling cycle blower-off delay (TDR) increases cooling performance when matched with a NORDYNE coil.
- Variable speed blower kit is available to maximize air conditioner and heat pump efficiencies. On selected units, SEER ratings up to 14 and HSPF ratings up to 8.5 are ARI listed.
- Multi-speed direct drive blower — Designed to give a wide range of cooling capacities. 40VA transformer included.
- LP convertible — Simple burner orifice and regulator spring change for ease of convertibility.
- Diagnostic lights flash to identify limit failure, pressure switch failure, improper ground and polarization, and low flame signal — for easy troubleshooting.
- Incorporates new integrated control board with connections for electronic air cleaner, humidifier and twinning.
- New two piece door design enhances furnace appearance and uses screw fasteners for easier accessibility.
- 3 amp fuse protection against low voltage shorts; protects transformer and control board.
- Low voltage terminal board for easy field wiring.
- Components and Controls — Designing quality into our products means selecting manufacturers that have a reputation for delivering high quality, dependable products.



FEATURES

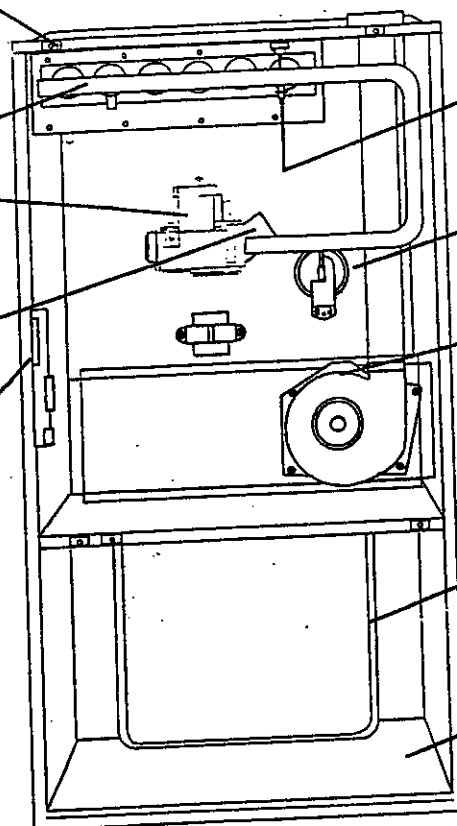
High Efficiency Upflow/Horizontal 80+ Gas Furnace

Aluminized steel in-shot burners, hot surface ignitor and redundant gas valve provide safe, reliable ignition and efficient combustion.

Supply air limit.

Solid state integrated control monitors the burner flame and limit circuit continuously. Blower timing has adjustable OFF settings. Provides humidifier and electronic air cleaner connections.

Front door screw fasteners ensure tight fit.



Vent switch protects against blocked flue. (Not Shown)

Remote flame sensor for proof of flame carry-over

Single pressure switch assures proper operation of the induced draft system up to 10,000 feet.

Isolation grommets on the induced draft blower provide quiet operation.

Multi-speed PSC motor/blower provides quiet airflow, reliable operation and is installed on a slide-out track.

Solid bottom base plate for sturdy construction — with easily removed full bottom knock-out for bottom return applications.

STANDARD EQUIPMENT

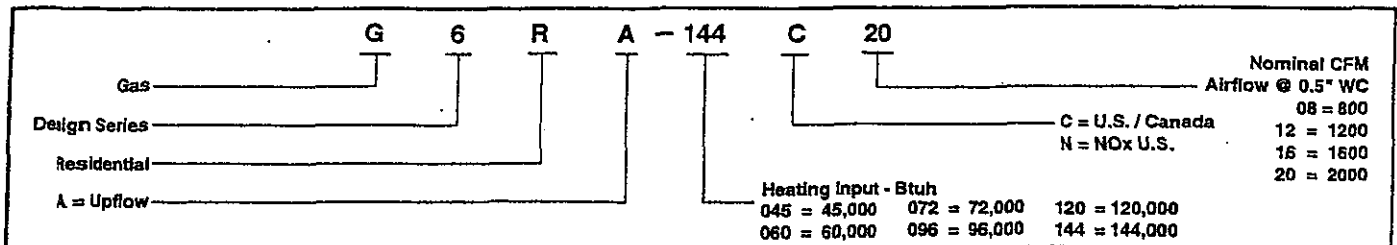
Draft inducer; pressure switch; redundant main gas control; hot-surface ignition; timed ON/OFF blower controls (TDR); 40VA transformer for air conditioner application; limit controls; solid base plate with knock-out for easy removal; direct drive motor; all models can be converted to use L.P. (propane) gas. Factory approved kits *only* must be used and are available as an optional accessory from your distributor.

SPECIFICATIONS

G66A MODEL NUMBERS	043(108)	060(112)	072(112)	072(115)	090(112)	090(115)	090(120)	120(115)	120(120)	144(120)
Input-Btuh (a)	45,000	60,000	72,000	72,000	96,000	96,000	96,000	120,000	120,000	144,000
Heating Capacity - Btuh	36,000	48,000	58,000	58,000	77,000	77,000	77,000	96,000	96,000	115,000
AFUE	80+	80+	80+	80+	80+	80+	80+	80+	80+	80+
Max. Htg. Ext. St. Press. in W.C.	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Blower Wheel D x W	10 x 8	10 x 8	10 x 8	10 x 10	10 x 9	10 x 10	11 x 10	10 x 10	11 x 10	11 x 10
Motor H.P. - Speed - Type	1/5 - 3 - PSC	1/3 - 3 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	1/3 - 3 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	1/2 - 4 - PSC	3/4 - 4 - PSC	3/4 - 4 - PSC
Motor FLA	2.8	6.0	6.0	7.9	6.0	7.9	11.1	7.9	11.1	11.1
Temperature Rise Range - °F	45 - 75	45 - 75	45 - 75	40 - 70	50 - 80	50 - 80	40 - 70	50 - 80	45 - 75	45 - 75
Approximate Shipping Wt. - lbs.	108	120	120	125	157	158	165	172	174	183

All models are 115 V, 60 HZ. Gas connections are 1/2" N.P.T.
AFUE= Annual Fuel Utilization Efficiency

IDENTIFICATION CODE



Through-the-Wall VENTING Venting Requirements

These furnaces are approved to use with 3" single wall AL29-4C stainless steel vent pipe in through-the-wall vent applications, and with the required through-the-wall vent kit listed below. The pipe is available from the following manufacturers:

Z-Flex Inc. - vent brand name (Z-VENT)

Heat-fab Inc. - vent brand name (Saf-T Vent)

Flex-L International - vent brand name (STAR-34 Vent)

When venting through-the-wall, this is a Category III furnace, the vent pressure is positive, and the venting system must be sealed in both horizontal and vertical runs.

Model Number G6RA	Min. Pipe Size	Reducer Needed	Flue Outlet (in.)	Max. # Elbows	Max. Ft. Vent Pipe
045()-08	3"	None	3	4	35
060()-12	3"	4" to 3"	4	4	35
072()-12	3"	4" to 3"	4	4	35
072()-16	3"	4" to 3"	4	4	35
096()-12	3"	4" to 3"	4	4	35
096()-16	3"	4" to 3"	4	4	35
096()-20	3"	4" to 3"	4	4	35
120()-16	3"	4" to 3"	4	4	35
120()-20	3"	4" to 3"	4	4	35
144()-20"	3"	4" to 3"	5	3	30

* NOTE: Special 5" to 4" Reducer Kit (#902249) required for model G6RA144C-120.

VENTING

All models, with the exception of the reduced NOx models, are approved for vertical and through-the-wall venting applications (see table above). All models may be common vented with a gas water heater. Type B gas vent materials may be used when connected to a vertical vent system. The installation must be in accordance with the venting instructions supplied with the furnace.

GENERAL TERMS OF LIMITED WARRANTY **

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated below, in accordance with the terms of the warranty.

G6RA Models Warranty

Gas Heat Exchanger 20-Year Limited Warranty
Any Other Part 6-Year Limited Warranty

** For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the factory for a copy.

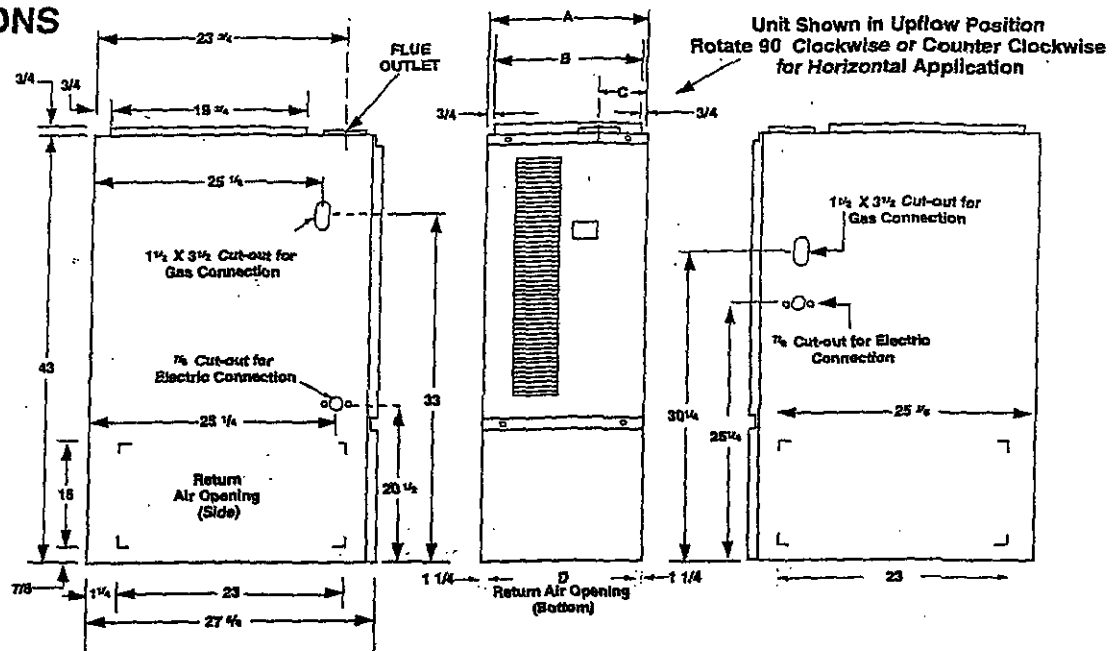
High Efficiency 80+ with Honeywell VR Gas Valve		
Kit		Order Number
U.S. High Altitude Natural Gas Conversion Kit (2,000 to 10,000 ft.)		903491
U.S. Propane Kit (0 to 2,000 ft.)		903492
U.S. High Altitude Propane Gas Conversion Kit (2,000 to 10,000 ft.)		903493
Canadian High Altitude Natural Gas Conversion Kit (2,000 to 4,500 ft.)		903494
Canadian Propane Gas Conversion Kit (0 to 4,500 ft.)		903495
Fossil Fuel Kit		914762
Side Return Filter Kit		541036
Bottom Return Filter Kit	A Cabinet	903088
	B Cabinet	903089
	C Cabinet	903090
Downflow Sub-Base	A Cabinet	902974
	B Cabinet	902677
Horizontal Vent Kit		903196
Internal Side Return Filter Wire		903152



403A-0898 (Replaces 403A-0698)

Specifications and illustrations subject to change without notice

DIMENSIONS



MODEL NUMBER GBRA	A (in.)	B (in.)	C (in.)	D (in.)	MODEL NUMBER GBRA	A (in.)	B (in.)	C (in.)	D (in.)
045(*)-08	14 1/4	12 3/4	3 1/4	11 3/4	096(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
060(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	096(*)-20	22 1/2	21	3 3/4	20
072(*)-12	14 1/4	12 3/4	3 3/4	11 3/4	120(*)-16	19 3/4	18 1/4	3 3/4	17 1/4
072(*)-16	19 3/4	18 1/4	3 3/4	17 1/4	120(*)-20	22 1/2	21	3 3/4	20
096(*)-12	19 3/4	18 1/4	3 3/4	17 1/4	144(*)-20	22 1/2	21	4 1/4	20

BLOWER PERFORMANCE

Upflow Furnace Airflow Data												
GBRA Furnace Model No.	Motor HP	Motor Speed	External Static Pressure (Inches Water Column)									
			0.1		0.2		0.3		0.4		0.5	
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
045C-08	1/5	High *	1000	-	970	-	950	-	920	-	870	-
		Medium	760	46	740	47	730	47	720	48	690	50
		Low **	630	55	620	56	610	57	600	58	570	61
060C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	-	1190	-	1160	-	1120	-	1070	-
		Low **	920	57	800	58	780	59	760	61	730	63
072C-12	1/3	High *	1380	-	1350	-	1310	-	1260	-	1210	-
		Medium	1220	46	1190	47	1160	48	1120	49	1070	52
		Low **	820	68	800	69	780	71	760	73	730	76
072C-16	1/2	High *	1980	-	1910	-	1830	-	1760	-	1680	-
		Med-High	1710	-	1660	-	1610	-	1540	-	1470	-
		Med-Low	1490	-	1470	-	1420	-	1380	-	1320	-
096C-12	1/3	High *	1530	-	1450	-	1390	-	1300	-	1220	-
		Medium**	1380	64	1320	67	1250	71	1190	75	1100	81
		Low	930	-	900	-	870	-	820	-	750	-
096C-16	1/2	High *	1980	-	1910	-	1840	-	1760	-	1680	-
		Med-High	1720	-	1670	-	1610	-	1560	-	1480	-
		Med-Low **	1470	50	1440	52	1410	53	1370	54	1320	56
096C-20	3/4	High *	2340	-	2290	-	2280	-	2180	-	2150	-
		Med-High	1910	-	1880	-	1860	-	1830	-	1810	-
		Med-Low	1520	49	1510	49	1490	50	1480	50	1460	51
120C-16	1/2	High *	1900	-	1830	-	1750	-	1630	-	1580	-
		Med-High **	1720	54	1670	56	1610	58	1560	59	1460	63
		Med-Low	1450	64	1420	65	1380	67	1340	68	1280	72
120C-20	3/4	High *	2300	-	2250	-	2190	-	2130	-	2090	-
		Med-High	1910	48	1860	49	1860	50	1830	51	1800	52
		Med-Low**	1540	60	1530	61	1520	61	1500	62	1480	63
144C-20	3/4	High *	2240	-	2190	-	2130	-	2070	-	2020	-
		Med-High**	1900	49	1860	50	1820	51	1780	52	1740	53
		Med-Low	1520	61	1510	61	1480	62	1460	63	1450	64

*Factory wired cooling speed tap.

**Factory wired heating speed tap.

- Not Recommended

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER KARTI-SHAU

DATE 9/23/04

PROPERTY ADDRESS 1683 RT-88

BLOCK 835 LOT 21

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

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:

48.5

1 1/2

9/23/04

State of New Jersey

DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CONSUMER AFFAIRS
BOARD OF EXAMINERS OF ELECTRICAL CONTRACTORS

TELECOMMUNICATIONS

WIRING EXEMPTION

Issued to Communication Technologies & Consulting
516 Riverside Ave., Toms River, NJ 08754

Address

[Signature]
Signature of Holder

Exemption No. 785



Pravin H. Patel Associates, Inc.
Engineers ♦ Architects ♦ Planners

835/21

Pravin H. Patel, P.E., P.P.
Pankaj I. Jani, A.I.A.

Associates
Dharm Bhatt
Bhavesh Naik
Mark Ostojich

December 9, 2004

Construction Code Official
Township of Brick
Brick, NJ 08723

Ref: Tenant Fit Up Plan
Route 88 Profession Medical Building
Brick, New Jersey
phpa Project No. 0400M.903

Dear Sir:

Please be advised that after observation at Route 88 Professional Medical Building, our office feels that fire caulking and fire safing insulation provided at pipe penetration is in to two hour rated partition is adequate.

If you have any questions, please feel free to call our office.

Thanking you,

Very truly yours,

PRAVIN H. PATEL ASSOCIATES, INC.

P. I. Jani
Pankaj I. Jani, A.I.A.

PJI/rkm

*File into in
pocket copy
with tick*

*Pen section 711.2
must be inspected*
FM
12-1306



MiTek Industries, Inc.

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

Re: 76307

KRISTI SHAY-MEDICAL BUILDING ROOF

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by 84 Components-Pennington, NJ.

Pages or sheets covered by this seal: I7739111 thru I7739113

My license renewal date for the state of New Jersey is April 30, 2006.

835/21
1683 RT 88
Received 1/19/05

A handwritten signature in black ink, appearing to read "Redwanly, Gaby", written over a horizontal line.

January 14, 2005

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-2002 Chapter 2.

Job 76307	Truss T1	Truss Type COMMON	Qty 8	Ply 1	KRISTI SHAY-MEDICAL BUILDING ROOF 17739111
84 Components, Pennington, NJ			Job Reference (optional) DWGS: 3, UNITS: 3.0, DJR		
8.000 s Jun 17 2004 MiTek Industries, Inc. Thu Jan 13 14:39:52 2005 Page 1					

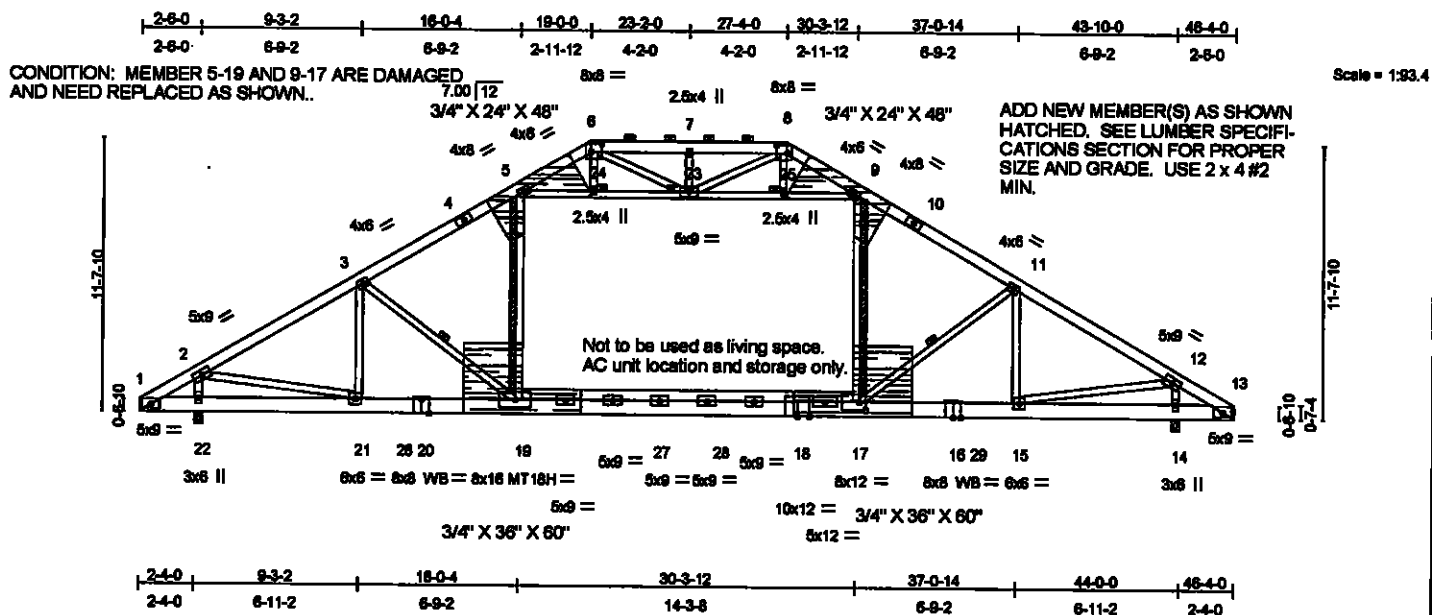


Plate Offsets (X,Y): [6:0-5-8,0-4-0], [8:0-5-8,0-4-0], [17:0-3-0,0-4-0], [20:0-4-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.53	Vert(LL)	-0.60 15-17	>827	240	MT20	197/144
TCDL 15.0	Plates Increase 1.15	BC 0.95	Vert(TL)	-0.68 17	>727	180	MT18H	197/144
BCLL 0.0	Lumber Increase 1.15	WB 0.78	Horz(TL)	0.06 14	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)						
	Code IBC2000/ANSI95						Weight: 360 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-10-9 oc purlins, except
BOT CHORD 2 X 8 SYP No.1 *Except*	2-0-0 oc purlins (6-0-0 max.): 6-8.
16-18 2 X 8 SYP SS, 18-20 2 X 8 SYP SS, 17-19 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 4-1-8 oc bracing.
WEBS 2 X 4 SPF Stud *Except*	WEBS 1 Row at midpt 3-19, 11-17
5-19 2 X 4 SPF No.2, 9-17 2 X 4 SPF No.2, 5-9 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 23, 24, 25
3-19 2 X 4 SPF No.2, 11-17 2 X 4 SPF No.2, 2-21 2 X 4 SPF No.2	
12-15 2 X 4 SPF No.2	ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1)
	TO EACH SIDE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND 16d (3.5" X 13")
	NAILS DRIVEN THRU BOTH SHEETS OF PLYWOOD AND CLINCHED PER THE FOLLOWING
	NAIL SCHEDULE:

REACTIONS	
(lb/size) 22=3005/0-4-4 (input: 0-4-0), 14=3005/0-4-4 (input: 0-4-0)	2 x 3's - 1 ROWS @ 6.0" O.C.
Max Horz 22=-418 (load case 6)	2 x 4's - 2 ROWS @ 6.0" O.C.
Max Uplift 22=243 (load case 8), 14=-243 (load case 9)	2 x 6's - 3 ROWS @ 6.0" O.C.
Max Grav 22=3610 (load case 2), 14=3610 (load case 3)	2 x 8's - 4 ROWS @ 6.0" O.C.
	2 x 10's - 4 ROWS @ 6.0" O.C.
	2 x 12's - 5 ROWS @ 6.0" O.C.
FORCES (lb) - Maximum Compression/Maximum Tension	
TOP CHORD 1-2=-501/35, 2-3=-420/4376, 3-4=-3779/369, 4-5=-3492/398, 5-6=-1850/357, 6-8=-1865/357, 9-10=-3495/398,	
10-11=-3781/389, 11-12=-4203/376, 12-13=-502/27, 6-7=-1858/457, 7-8=-1858/457	
BOT CHORD 1-22=-15/453, 21-22=-306/453, 21-26=-266/3450, 20-26=-288/3450, 19-20=-266/3450, 19-27=0/3023, 27-28=0/3025,	
18-28=0/3030, 17-18=0/2995, 16-17=-139/3450, 16-29=-139/3450, 15-29=-139/3450, 14-15=-8/453, 13-14=-8/453	
WEBS 5-19=0/851, 9-17=0/860, 5-24=-1867/167, 23-24=-1846/165, 23-25=-1837/165, 9-25=-1858/167, 3-21=-912/150,	
11-15=-919/156, 3-19=-546/782, 11-17=-548/783, 6-23=-338/756, 6-24=-181/85, 7-23=-476/181, 8-23=-339/745,	
8-25=-181/84, 2-22=-3231/437, 2-21=-211/3171, 12-14=-3228/437, 12-15=-211/3173	

NOTES
1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-98; P=30.0 psf (roof snow); Exp C; Fully Exp.
3) Unbalanced snow loads have been considered for this design.
4) 200.0lb AC unit load placed on the bottom chord, 23-2-0 from left end, supported at two points, 2-6-0 apart.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
9) WARNING: Required bearing size at joint(s) 22, 14 greater than input bearing size.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 243 lb uplift at joint 22 and 243 lb uplift at joint 14.

Continued on page 2

January 14, 2005

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MIT-T478 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. 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 ANS/ITPI Quality Criteria, D38-S7 and EC51 Building Component Safety Information available from Truss Plate Institute, 583 D'Oroffo Drive, Madison, WI 53719.

14515 N. Outer Forty,
Suite #300
Chesterfield, MO 63017



Job	Truss	Truss Type	Qty	Ply	KRISTI SHAY-MEDICAL BUILDING ROOF	17739111
76307	T1	COMMON	8	1	Job Reference (optional)	

84 Components, Pennington, NJ

6.000 s Jun 17 2004 Mitek Industries, Inc. Thu Jan 13 14:39:52 2005 Page 2

NOTES

- 11) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 12) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100.0lb down at 21-11-0, and 100.0lb down at 24-5-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

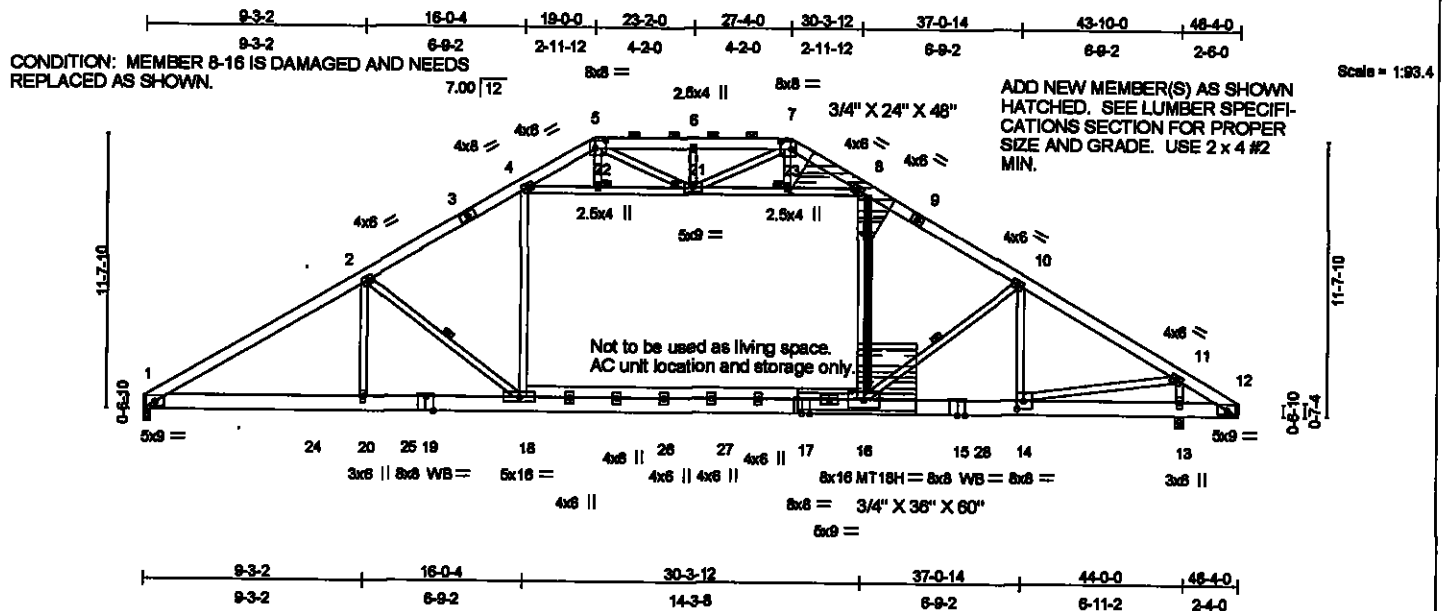


WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MD-T478 BEFORE USE.
 Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSIS/TPI1 Quality Criteria, D88-87 and SC371 Building Component Safety Information available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719.

14515 N. Outer Forty,
 Suite #300
 Chesterfield, MO 63017



Job 76307	Truss T1A	Truss Type COMMON	Qty 37	Ply 1	KRISTI SHAY-MEDICAL BUILDING ROOF	17739112
84 Components, Pennington, NJ			Job Reference (optional)			
			8.000 s Jun 17 2004 Mitek Industries, Inc. Thu Jan 13 14:39:53 2005 Page 1			



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.49	Vert(LL) -0.62	18-20	>846	240	MT20	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.90	Vert(TL) -0.76	18-20	>690	180	MT18H	197/144
BCLL 0.0	Rep Stress Incr YES	WB 0.92	Horz(TL) 0.06	13	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)						
							Weight: 352 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 4-1-3 oc purlins, except
BOT CHORD 2 X 8 SYP No.1 *Except*	2-0-0 oc purlins (6-0-0 max.): 5-7.
15-17 2 X 8 SYP SS, 16-18 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 4-0-13 oc bracing.
WEBS 2 X 4 SPF Stud *Except*	WEBS 1 Row at midpt 2-18, 10-16
4-18 2 X 4 SPF No.2, 8-16 2 X 4 SPF No.2, 4-8 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 21, 22, 23
2-18 2 X 4 SPF No.2, 10-16 2 X 4 SPF No.2	ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1)
	TO EACH SIDE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND 16d (3.5" X .131")
	NAILS DRIVEN THRU BOTH SHEETS OF PLYWOOD AND CLINCHED PER THE FOLLOWING
	NAIL SCHEDULE:
	2 x 3's - 1 ROWS @ 6.0" O.C.
	2 x 4's - 2 ROWS @ 6.0" O.C.
	2 x 6's - 3 ROWS @ 6.0" O.C.
	2 x 8's - 4 ROWS @ 6.0" O.C.
	2 x 10's - 4 ROWS @ 6.0" O.C.
	2 x 12's - 5 ROWS @ 6.0" O.C.
REACTIONS (lb/size) 1=1965/0-4-0, 13=2156/0-4-0	
Max Horz1=279(load case 7)	
Max Uplift1=-75(load case 8), 13=-128(load case 9)	
Max Grav1=2342(load case 2), 13=2536(load case 3)	
FORCES (lb) - Maximum Compression/Maximum Tension	
TOP CHORD 1-2=-4088/297, 2-3=-2984/201, 3-4=-2758/237, 4-5=-1387/243, 7-8=-1254/230, 8-9=-2680/228, 9-10=-2815/208,	
10-11=-2951/219, 11-12=-445/9, 5-6=-1298/305, 6-7=-1298/305	
BOT CHORD 1-24=-156/3355, 20-24=-156/3355, 20-25=-156/3355, 18-25=-156/3355, 18-19=-156/3355, 18-26=0/2383, 26-27=0/2386,	
17-27=0/2390, 16-17=0/2318, 15-18=-65/2423, 15-28=-65/2423, 14-28=-65/2423, 13-14=0/403, 12-13=0/403	
WEBS 4-18=0/789, 8-16=0/710, 4-22=-1401/70, 21-22=-1386/69, 21-23=-1610/90, 8-23=-1628/91, 2-20=-115/508, 10-14=-837/74,	
2-18=-1243/356, 10-16=-215/782, 5-21=-243/426, 5-22=-8/137, 6-21=-307/125, 7-21=-228/584, 7-23=-10/159,	
11-13=-2200/272, 11-14=-113/2148	

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) 200.0lb AC unit load placed on the bottom chord, 23-2-0 from left end, supported at two points, 2-6-0 apart.
- 5) Provide adequate drainage to prevent water ponding.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All plates are MT20 plates unless otherwise indicated.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 1 and 126 lb uplift at joint 13.
- 10) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

Continued on page 2

January 14, 2005

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITK REFERENCE PAGE M1-7478 BEFORE USE.
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANS/TP11 Quality Criteria, DSB-87 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719.

14515 N. Outer Forty,
Suite #300
Chesterfield, MO 63017



65b	Truss	Truss Type	Qty	Ply	KRISTI SHAY-MEDICAL BUILDING ROOF	17739112
78307	T1A	COMMON	37	1	Job Reference (optional)	

84 Components, Pennington, NJ

6,000 s Jun 17 2004 MiTek Industries, Inc. Thu Jan 13 14:39:53 2005 Page 2

NOTES

11) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100.0lb down at 21-11-0, and 100.0lb down at 24-5-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT-7475 BEFORE USE.
 Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component.
 Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D55-87 and DCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719.

14515 N. Outer Forty,
 Suite #300
 Chesterfield, MO 63017



INSPECTOR:

Ken Schaper

DATE:

1/21/05

JOB:

Kristy Shny
medich

SECTION:

TYPE OF WORK:

~~Temp~~ 4/15/05

WEATHER:

Sunny

LOCATION:

1683 Rt 88 W

TEMPERATURE:

20°

BLOCK:

835

LOT:

25

ENGINEERING RECOMMENDATIONS FOR CERTIFICATE OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	X	
2. Grading	X	
3. Sidewalk	X	
4. Road Pavement	X (No Fabc)	
5. Landscaping & Sodding	X	
6. Clean-up Procedures	X	
7. Note on going construction in immediate area	X	
8. Safety	X	*Letter from NJDOT HC → sidewalk price Pole Relocation Gravel Shoulder

COMMENTS REFERENCING ITEM NUMBER:

RECOMMENDATIONS:

☒ TEMP. C.O.

☐ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

 PLANNING BOARD ENGINEER

 MUNICIPAL ENGINEER

_____, 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.

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

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

CERTIFICATE OF COMPLIANCE

Date

1/18/05

NAME Kristi Shay Constr.

ADDRESS 63 Channel Dr Brick NJ 08724

PROPERTY LOCATION 1683 Route 88 Unit 2

Account No L579217 Block 835 Lot 21

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.

To Be paid @ closing

For the Authority

Carol Gurdal

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

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

CERTIFICATE OF COMPLIANCE

Date 1/18/05

NAME Kristi Shay Constr.

ADDRESS 63 Channel Dr Brick NJ 08723

PROPERTY LOCATION 1683 Route 88 Unit 1

Account No 1353603 Block 835 Lot 21

Sprinkler Acct# K294409

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.

To Be PAID @ Closing

For the Authority

Carol Hendel

KRISTI SHAY CONSTRUCTION, INC.

63 CHANNEL DRIVE
BRICK, NJ 08723
(732) 477-4665

THE PROVIDENT BANK

55-7230/2212

16367

1/14/2005

PAY
TO THE
ORDER OF

Township Of Brick

\$ **3,284.00

DOLLARS

Three Thousand Two Hundred Eighty-Four and 00/100

TOWNSHIP OF BRICK
401 Chambers Bridge Road
Brick, NJ 08723
USA

MEMO

Affordable housing / 1683 Rt. 88

[Signature]
AUTHORIZED SIGNATURE

⑈016367⑈ ⑆221272303⑆ 6012⑈0015⑈7⑈

From: Lisa Rose Tavalaccio, Office of Affordable Housing
Re: Affordable Housing Fees

Business/Development:

Medical Facility Bldg.

Owner/Applicant:

Kristi Shay Const.

Property Address:

1683 Rt. 88

Block:

835

Lot:

21 x 25

DEPOSIT RECEIVED

Mandatory Development Fee

Commercial
Residential

Inclusionary Development Fee

DATE:

1/18/05

Check Number

16367

Preliminary Fee Paid

Final Fee Paid

** 3284.00*

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

Collection of said fees as authorized by Township Ordinance
354-2C-93, is pursuant to N.J.S.A. 52:27D-301 et seq. And N.J.A.C. 5:92-18 et seq.

Received in Treasurer's Office by:

Signature

[Signature]

Date

1-18-05

OFFICE OF AFFORDABLE HOUSING

[Stamp]

OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE

BLOCK 835 LOT 21+25 SITE ADDRESS 1683 Rt. 88
TYPE OF SITE Residential / ~~Commercial~~ NAME OF BUSINESS Medical Facility Bldg.
APPLICANT Kristi Shay Construction PHONE NUMBER 232.477-4665
APPLICANT ADDRESS 63 Charrie Dr. CITY & STATE Brick, N.J. 08783

INCLUSIONARY DEVELOPMENT

Affordable	Fee Required _____	Date _____
	Down Payment _____	Date _____
	Balance _____	Date _____
	Paid In Full _____	Date _____
Market Rate	No Fee Required	

Michael
732-278-0350

MANDATORY DEVELOPER FEES

- ☐ Residential is .005 %
- ☒ Commercial is .01%
- ☒ The estimated equalized assessed value of the proposed construction is

\$ 400,000
Frederick R. Millman
Frederick R. Millman, CTA, Tax Assessor

6/14/04
Date

- ☐ The final equalized assessed value of the construction at the above referenced site is:

\$ 528,400
Frederick R. Millman
Frederick R. Millman, CTA, Tax Assessor

1/13/05
Date

Preliminary Fee \$2000.00
Check # 14482

Final Fee \$3284.00
Check# 16367

Total Fee Due/Paid \$4000.00
Balance Due \$5284.00
-0-

Date 6/15/04
Receipt # 327408

Date 1/14/04
Receipt # 327474

Fees Imposed To Date _____
Fees Reached \$15,000 _____ Date _____

I hereby certify that the above applicant has complied with all rules and regulations of the Office of Affordable Housing and has paid all required fees and charges.
1/10/04 - Ta prelem.
1/15/04 - called Michael + letter
1/5/05 - Ta final
1/14/05 - called Michael
Lisa Rose Savalacqua
Office of Affordable Housing

Job 1132714	Truss H3A	Truss Type HP END	Qty 2	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534					Job Reference (optional) 5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:49:00 2004 Page 1

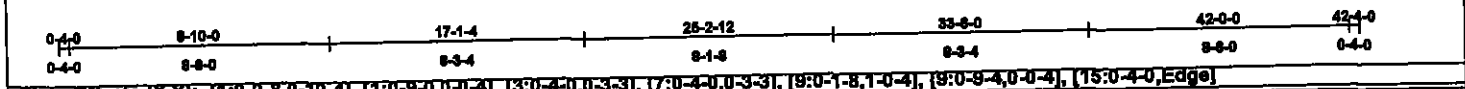
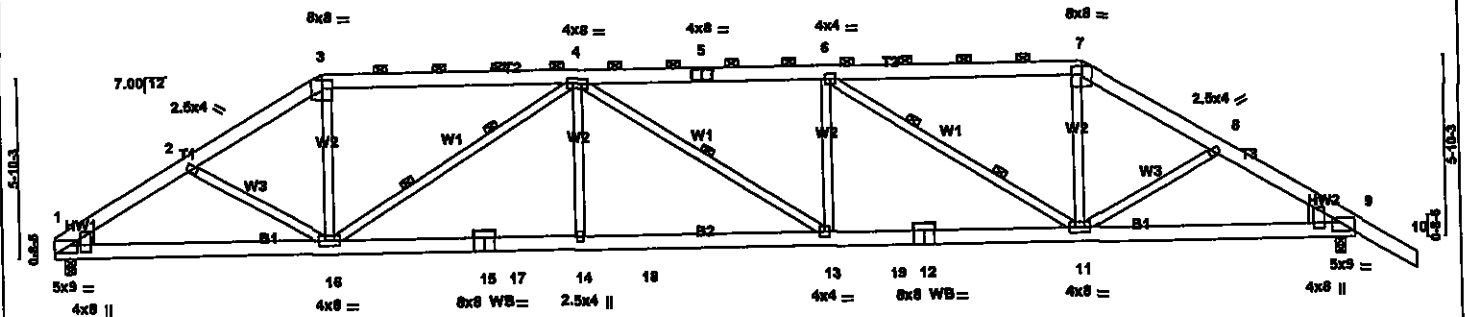
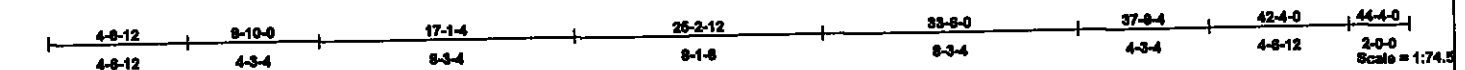


Plate Offsets (X,Y): [1:0-0-8,0-10-4], [1:0-9-0,0-0-4], [3:0-4-0,0-3-3], [7:0-4-0,0-3-3], [9:0-1-8,1-0-4], [9:0-9-4,0-0-4], [15:0-4-0,Edge]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)
TCLL 30.0	Plates Increase	1.15	TC 0.92	Vert(LL)	-0.37 13-14 >999
TCDL 15.0	Lumber Increase	1.15	BC 0.65	Vert(TL)	-0.57 13-14 >881
BCDL 0.0 *	Rep Stress Incr	YES	WB 0.85	Horz(TL)	0.18 9 n/a
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)		n/a
					PLATES M120
					GRIP 197/144
					Weight: 255 lb

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-7-2 oc purlins, except
BOT CHORD 2 X 6 SYP SS	2-0-0 oc purlins (3-3-3 max.): 3-7.
WEBS 2 X 4 SPF Stud *Except*	Rigid ceiling directly applied or 8-8-8 oc bracing.
W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2	1 Row at midpt 4-13
	2 Rows at 1/3 pts 4-16, 6-11
WEDGE	
Left: 2 X 6 SPF 1650F 1.5E, Right: 2 X 8 SYP No.1	

REACTIONS (lb/size)	9=2633/0-4-2 (Input: 0-4-0), 1=2440/0-4-0
Max Horz	1=-227(load case 6)
Max Uplift	9=-355(load case 6), 1=-339(load case 7)
Max Grav	9=3472(load case 3), 1=3194(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension	
TOP CHORD	1-2=-5340/735, 2-3=-4965/721, 3-4=-4281/683, 4-5=-6097/939, 5-6=-6097/939, 6-7=-4215/664, 7-8=-4884/696, 8-9=-5234/692, 9-10=0/132
BOT CHORD	1-16=-653/4332, 15-16=-935/6166, 15-17=-935/6166, 14-17=-935/6166, 14-18=-935/6166, 13-18=-935/6166, 13-19=-865/6097, 12-19=-865/6097, 11-12=-865/6097, 9-11=-438/4219
WEBS	2-16=-207/315, 3-16=-133/1521, 4-16=-2599/535, 4-14=0/314, 4-13=-209/94, 6-13=0/353, 6-11=-2590/535, 7-11=-114/1471, 8-11=-212/328

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; PF=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) WARNING: Required bearing size at joint(s) 9 greater than input bearing size.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 355 lb uplift at joint 9 and 339 lb uplift at joint 1.
 - 10) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

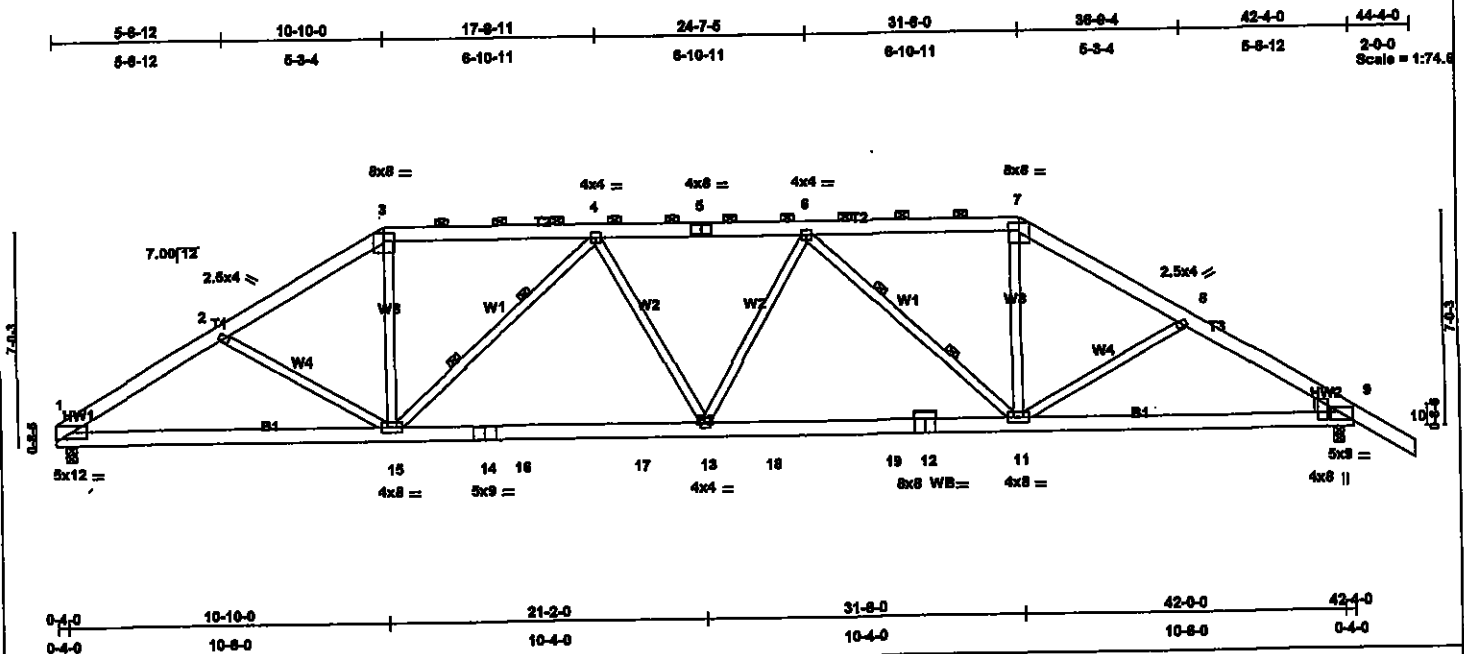


Plate Offsets (X,Y): [3:0-4-0,0-3-3], [7:0-4-0,0-3-3], [9:0-8-4,0-0-4], [9:0-0-8,0-10-4]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)
TCLL 30.0	Plates Increase	1.15	TC 1.00	Vert(LL)	-0.30 11-13
TCDL 15.0	Lumber Increase	1.15	BC 0.67	Vert(TL)	-0.46 11-13
BCLL 0.0	Rep Stress Incr	YES	WB 0.63	Horz(TL)	0.15 9
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)		n/a
					L/d
					240
					180
					n/a
					Weight: 252 lb

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 6 SYP SS
WEBS 2 X 4 SPF Stud *Except*
W1 2 X 4 SPF No.2, W2 2 X 4 SPF No.2, W2 2 X 4 SPF No.2
W1 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 3-7-14 oc purlins, except
2-0-0 oc purlins (3-9-4 max.): 3-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 Rows at 1/3 pts 4-15, 6-11

WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 6 SPF 1650F 1.5E

REACTIONS (lb/size) 9=2666/0-4-1 (input: 0-4-0), 1=2461/0-4-0
Max Horz 1=-271(load case 6)
Max Uplift 9=-281(load case 6), 1=-265(load case 7)
Max Grav 9=3459(load case 3), 1=3169(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5321/738, 2-3=-4759/695, 3-4=-4004/662, 4-5=-5015/796, 5-6=-5015/796, 6-7=-3969/648, 7-8=-4713/677,
8-9=-5253/708, 9-10=0/132
BOT CHORD 1-15=-598/4337, 14-15=-682/4977, 14-16=-682/4977, 16-17=-682/4977, 13-17=-682/4977, 13-18=-611/4953,
18-19=-611/4953, 12-19=-611/4953, 11-12=-611/4953, 9-11=-413/4261
WEBS 2-15=-426/258, 3-15=-135/1469, 4-15=-1779/442, 4-13=-9/369, 6-13=-10/379, 6-11=-1790/443, 7-11=-121/1468,
8-11=-377/235

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable and zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) WARNING: Required bearing size at joint(s) 9 greater than input bearing size.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 9 and 265 lb uplift at joint 1.
 - 10) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITAK Industries, Inc. Mon May 03 16:49:01 2004 Page 1

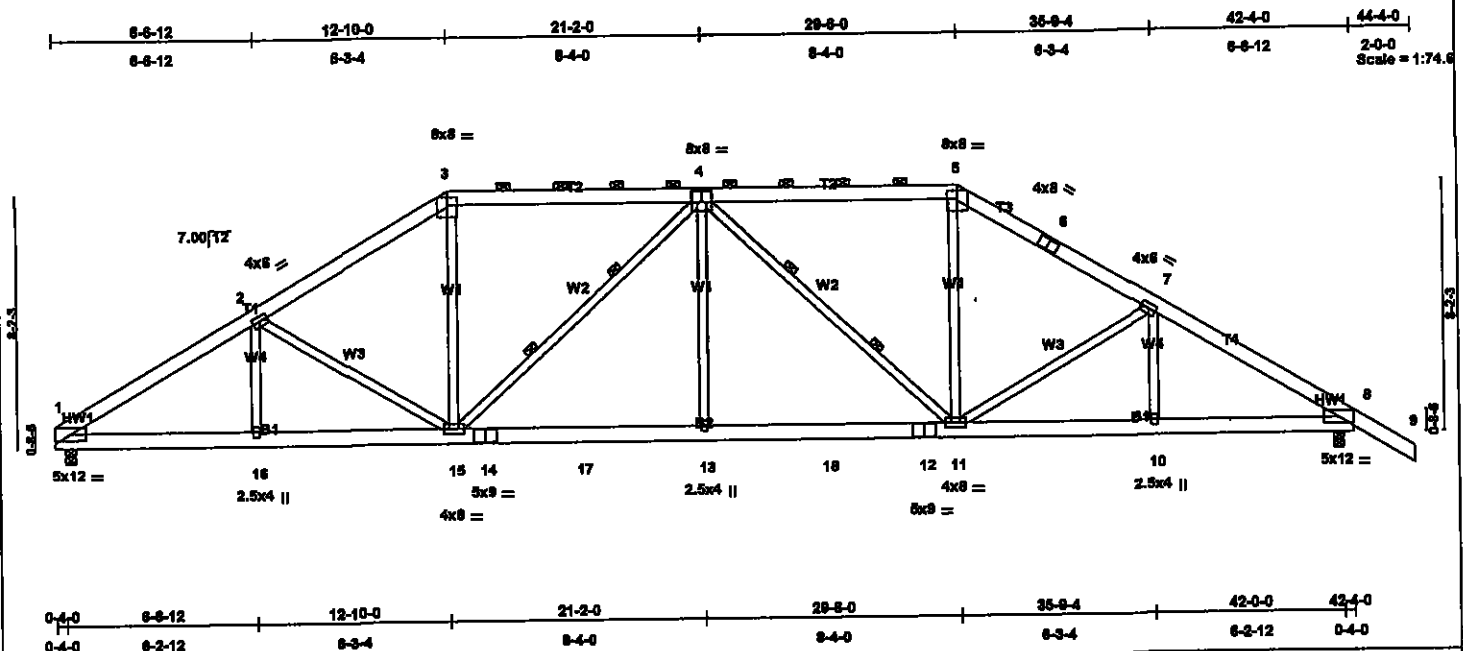


Plate Offsets (X,Y): [3:0-4-0,0-3-3], [4:0-4-0,0-4-8], [5:0-4-0,0-3-3], [10:0-2-0,0-0-8], [11:0-2-4,0-2-0], [12:0-4-8,0-0-4]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.93	Vert(LL)	-0.23 13-15	>999	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.75	Vert(TL)	-0.37 13-15	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.71	Horz(TL)	0.13 8	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 262 lb	

LUMBER
 TOP CHORD 2 X 6 SPF 1650F 1.5E
 BOT CHORD 2 X 6 SYP SS
 WEBS 2 X 4 SPF No.2 *Except*
 W4 2 X 4 SPF Stud, W4 2 X 4 SPF Stud
WEDGE
 Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

BRACING
 TOP CHORD Sheathed or 3-7-2 oc purlins, except
 2-0-0 oc purlins (4-3-8 max.): 3-5.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 2 Rows at 1/3 pts 4-15, 4-11

REACTIONS (lb/size) 8=2671/0-4-0, 1=2486/0-4-0
 Max Horz 1=-315(load case 6)
 Max Uplift 8=301(load case 9), 1=-186(load case 7)
 Max Grav 8=3409(load case 3), 1=3118(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5262/694, 2-3=-4418/691, 3-4=-3675/662, 4-5=-3654/656, 5-6=-4019/681, 6-7=-4390/652, 7-8=-5182/657,
 8-9=0/132
BOT CHORD 1-16=-490/4272, 15-16=-490/4272, 14-15=-461/4284, 14-17=-461/4284, 13-17=-461/4284, 13-18=-461/4284,
 12-18=-461/4284, 11-12=-461/4284, 10-11=-362/4195, 8-10=-362/4195
WEBS 2-16=0/256, 2-15=-733/266, 3-15=-104/1198, 4-15=-1409/349, 4-13=0/427, 4-11=-1421/349, 5-11=-96/1200,
 7-11=-666/234, 7-10=0/246

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=8.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 301 lb uplift at joint 8 and 186 lb uplift at joint 1.
 - 9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

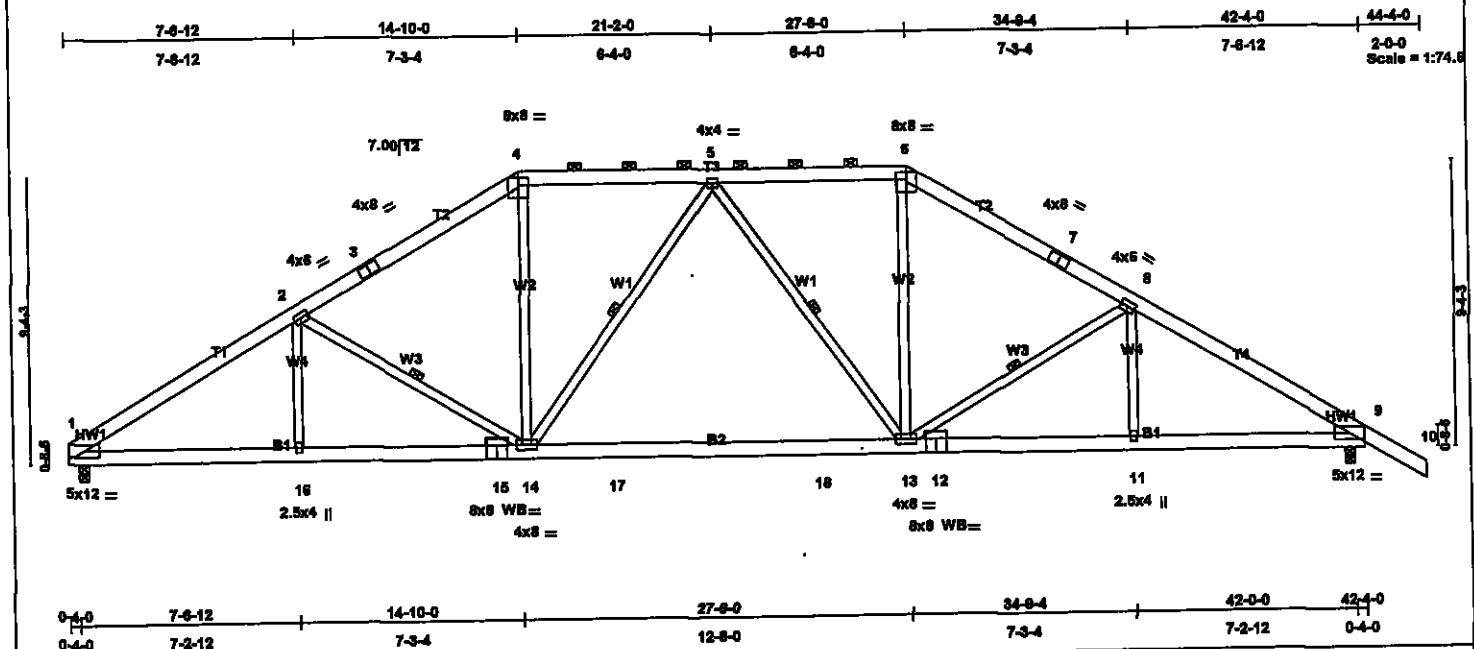


Plate Offsets (X,Y): [4:0-4-0,0-3-3], [6:0-4-0,0-3-3], [7:0-4-0,0-12], [11:0-2-0,0-0-8], [13:0-2-4,0-2-0], [15:0-4-0,Edge]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.93	Vert(LL)	-0.35 13-14	>999	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.69	Vert(TL)	-0.55 13-14	>909	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.66	Horz(TL)	0.12 9	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 261 lb	

LUMBER	BRACING
TOP CHORD 2 X 8 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-6-15 oc purlins, except
BOT CHORD 2 X 6 SYP SS	2-0-0 oc purlins (4-8-11 max.): 4-8.
WEBS 2 X 4 SPF No.2 *Except*	Rigid ceiling directly applied or 10-0-0 oc bracing.
W4 2 X 4 SPF Stud, W4 2 X 4 SPF Stud	1 Row at midpt 2-14, 5-14, 5-13, 8-13
WEDGE	
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud	

REACTIONS (lb/size) 1=2439/0-4-0, 9=2644/0-4-0
Max Horz 1=-359(load case 6)
Max Uplift 1=-208(load case 8), 9=-325(load case 9)
Max Grav 1=3026(load case 2), 9=3317(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5048/886, 2-3=-4051/599, 3-4=-3810/659, 4-5=-3303/639, 5-6=-3286/635, 6-7=-3790/653, 7-8=-4028/593,
8-9=-4980/655, 9-10=0/132
BOT CHORD 1-16=-401/4087, 15-16=-401/4087, 14-15=-401/4087, 14-17=-294/3389, 17-18=-294/3389, 13-18=-294/3389,
12-13=-346/4019, 11-12=-346/4019, 9-11=-346/4019
WEBS 2-16=0/268, 2-14=-945/322, 4-14=-95/1147, 5-14=-810/348, 5-13=-819/348, 6-13=-89/1150, 8-13=-884/293,
8-11=0/259

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-06.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 1 and 325 lb uplift at joint 9.
 - 9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

JOB 1132714	Truss J3	Truss Type MONO	Qty 4	Ply 1	KRISTI SHAY 4/22
84 Components, Pennington, NJ 08534 5:200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 18:49:03 2004 Page 1					

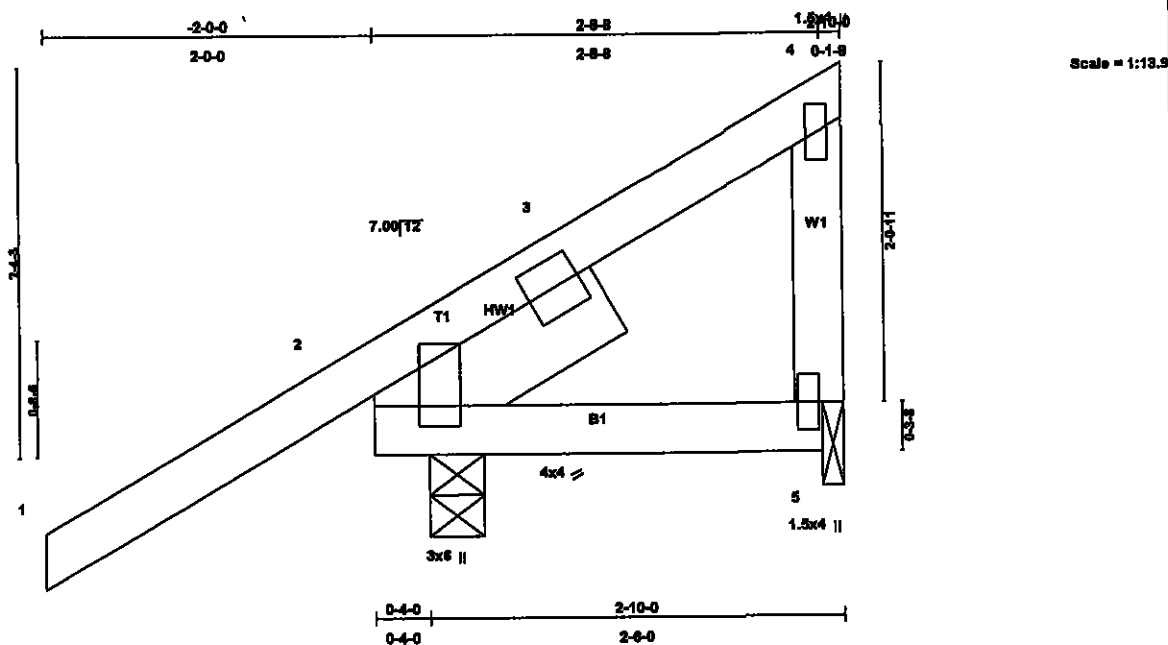


Plate Offsets (X,Y): [2-0-2-3,0-3-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.70	Vert(LL)	-0.00	2-6	>999	240	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.08	Vert(TL)	-0.10	1	>230	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
Weight: 14 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
SLIDER Left 2 X 6 SPF 1650F 1.5E 1-6-10

BRACING
TOP CHORD Sheathed or 2-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=81/0-1-8, 2=395/0-4-0
Max Horz 2=153(load case 6)
Max Uplift 5=-44(load case 8), 2=-142(load case 6)
Max Grav 5=81(load case 1), 2=479(load case 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-125/5, 3-4=-58/15, 4-5=-54/71
BOT CHORD 2-5=0/0

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 5 and 142 lb uplift at joint 2.

LOAD CASE(S) Standard

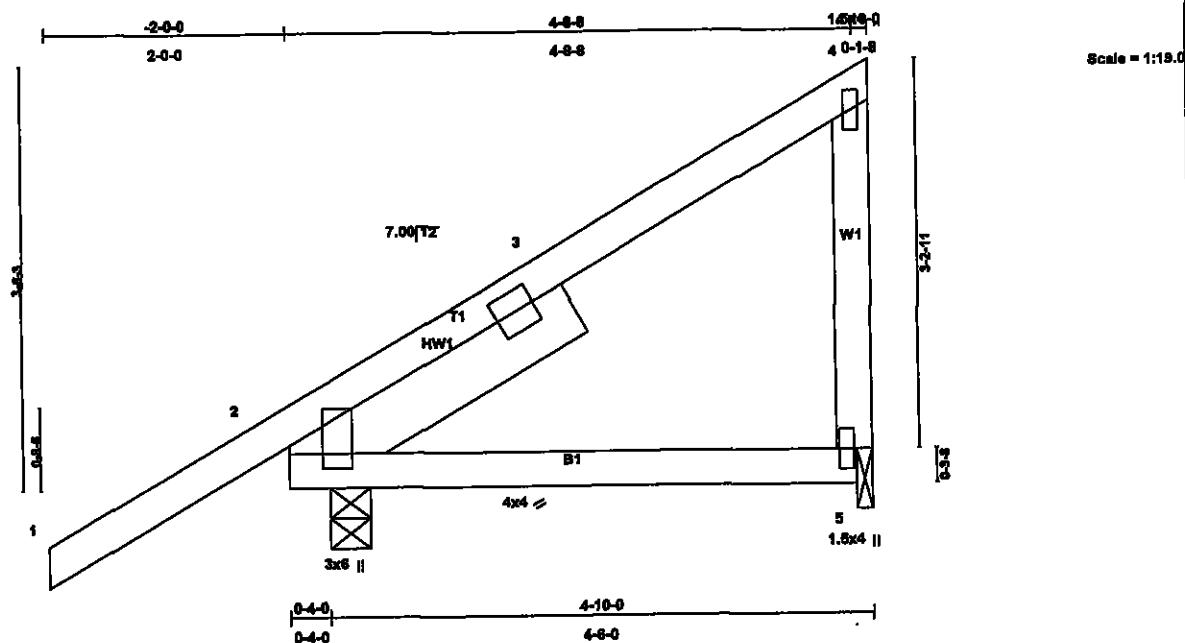


Plate Offsets (X,Y): [2:0-2:5,0-3:4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.70	Vert(LL)	-0.03	2-5	>999	240	MI20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.23	Vert(TL)	-0.10	1	>230	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 23 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
 SLIDER Left 2 X 6 SPF 1850F 1.5E 2-7-15

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

REACTIONS (lb/size) 5=219/0-1-8, 2=476/0-4-0
 Max Horz 2=211(load case 6)
 Max Uplift 5=72(load case 6), 2=-126(load case 6)
 Max Grav 5=219(load case 1), 2=481(load case 8)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/108, 2-3=-151/7, 3-4=-75/64, 4-5=-173/113
 BOT CHORD 2-5=0/0

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCCL: ASCE 7-98; P=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 5 and 126 lb uplift at joint 2.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	M31	MONO	12	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITR EK Industries, Inc. Mon May 03 16:49:04 2004 Page 1		

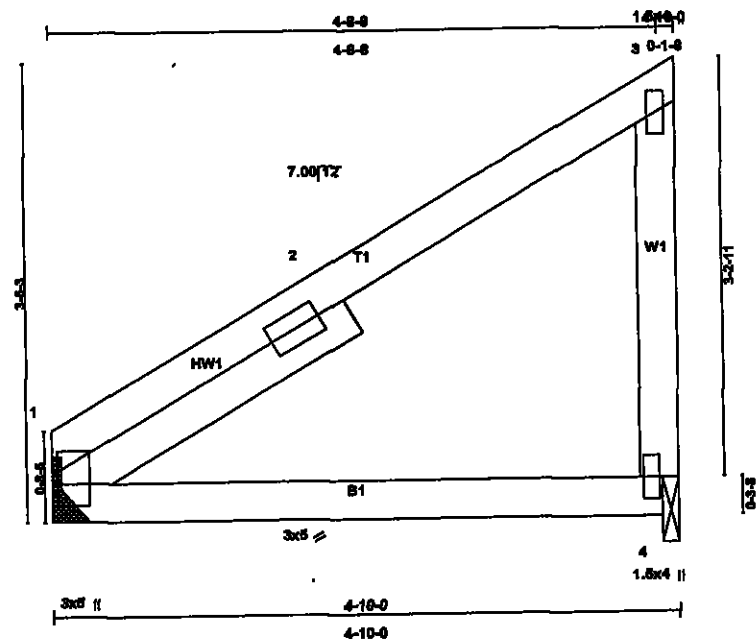


Plate Offsets (X,Y): [1:0-2-0,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.56	Vert(LL)	-0.03	1-4	>999	240	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.23	Vert(TL)	-0.06	1-4	>971	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 18 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
SLIDER Left 2 X 4 SPF Stud 2-7-15

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

REACTIONS (lb/size) 1=258/Mechanical, 4=258/0-1-8
Max Horz 1=156(load case 6)
Max Uplift 4=99(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-114/6, 2-3=-95/84, 3-4=-211/145
BOT CHORD 1-4=0/0

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 4.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	M3A	GIRDER	4	1	Job Reference (optional)
84 Components, Pennington, NJ 08534					
5.200 s Sep 15 2003 M10K Industries, Inc. Mon May 03 16:49:05 2004 Page 1					

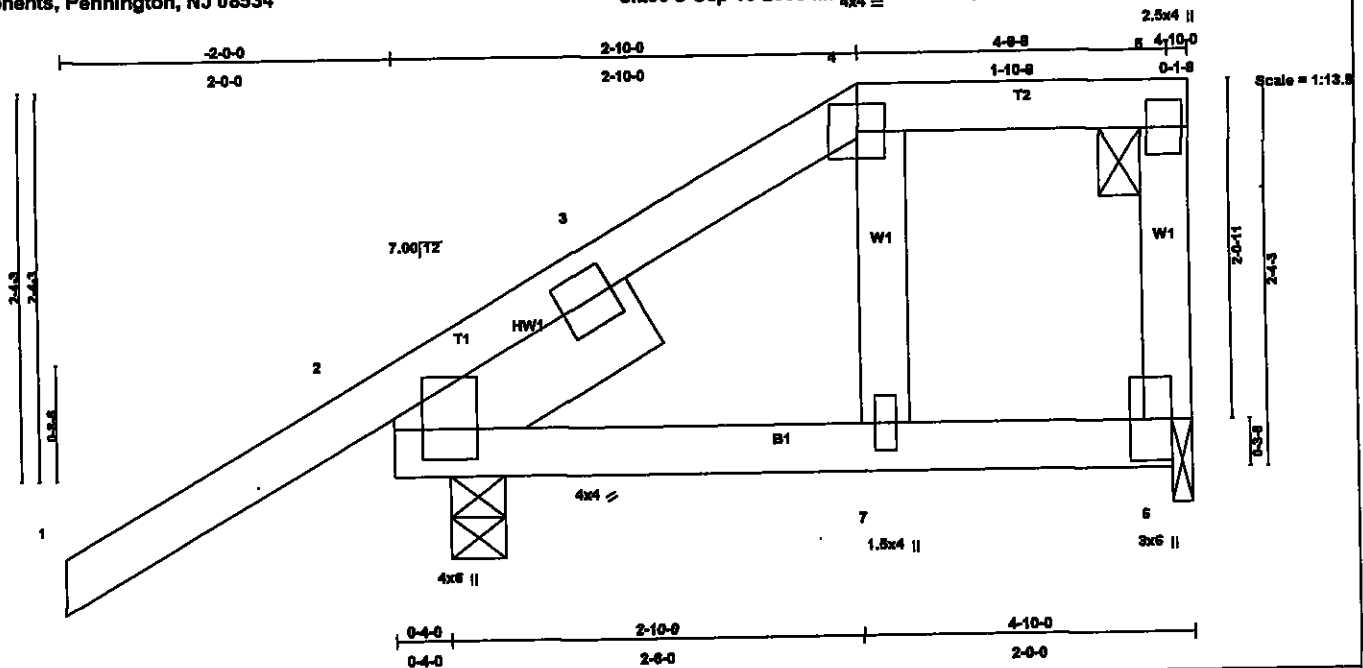


Plate Offsets (X,Y): [2-0-3-1,0-2-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.81	Vert(LL)	0.01	2-7	>999	M1120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.28	Vert(TL)	-0.09	1	>262		
BCLL 0.0	Rep Stress Incr	NO	WB 0.04	Horz(TL)	0.00	6	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
Weight: 21 lb									

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud
SLIDER Left 2 X 6 SPF 1650F 1.5E 1-8-2

BRACING
TOP CHORD Sheathed or 4-10-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 5

REACTIONS (lb/size) 6=265/0-1-8, 2=522/0-4-0
Max Horz 2=76(load case 7)
Max Uplift 6=-41(load case 6), 2=-186(load case 7)
Max Grav 6=299(load case 3), 2=676(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-221/19, 3-4=-121/27, 4-5=-84/10, 5-6=-158/16
BOT CHORD 2-7=-6/88, 6-7=-10/94
WEBS 4-7=-82/92

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TP1 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 at joint(s) 6.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 6 and 186 lb uplift at joint 2.
- 10) Girder carries hip end with 2-10-0 and setback
- 11) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
- 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-90, 2-4=-45(F=45), 4-5=-45(F=45), 2-6=-84(F=-64)

Job	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	PH3	GIRDER	2	3	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITTEK Industries, Inc. Mon May 03 16:49:06 2004 Page 1		

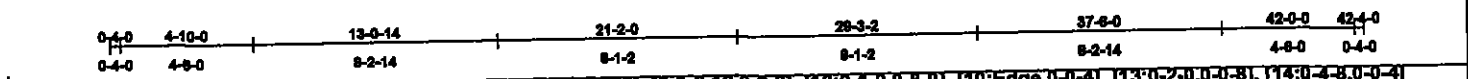
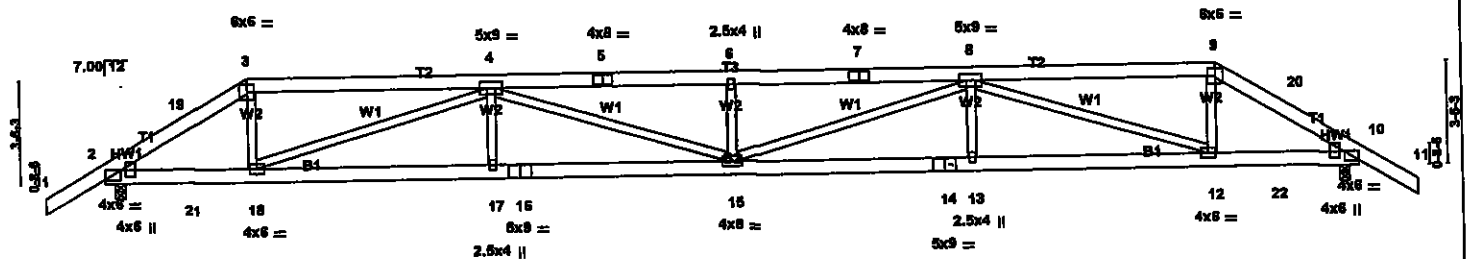
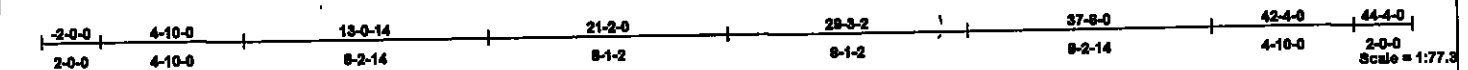


Plate Offsets (X,Y): [2:Edge,0-0-4], [2:0-1-0,0-8-0], [7:0-4-0,0-12], [8:0-2-12,0-2-8], [10:0-1-0,0-8-0], [10:Edge,0-0-4], [13:0-2-0,0-8-0], [14:0-4-8,0-0-4]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.50	Vert(LL)	-0.46 13-15	>999	240	MI20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.41	Vert(TL)	-0.74 13-15	>681	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.67	Horz(TL)	0.13 10	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 721 lb	

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 6 SYP SS
WEBS 2 X 4 SPF Stud *Except*
W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2, W1 2 X 4 SPF No.2
W1 2 X 4 SPF No.2

WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

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

REACTIONS (lb/size) 2=3939/0-4-0, 10=3939/0-4-0
Max Horz 2=-120(load case 5)
Max Uplift 2=-1127(load case 6), 10=-1127(load case 5)
Max Grav 2=4845(load case 2), 10=4845(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/132, 2-19=-7909/2013, 3-19=-7649/2037, 3-4=-6701/1760, 4-5=-15806/4194, 5-6=-15806/4194, 6-7=-15806/4194, 7-8=-15806/4194, 8-9=-6701/1760, 9-20=-7649/2037, 10-20=-7909/2013, 10-11=0/132
BOT CHORD 2-21=-1755/6529, 18-21=-1755/6529, 17-18=-3649/13563, 16-17=-3649/13563, 15-16=-3649/13563, 14-15=-3581/13563, 13-14=-3581/13563, 12-13=-3581/13563, 12-22=-1635/6529, 10-22=-1635/6529
WEBS 3-18=-1073/3619, 4-18=-7474/2070, 4-17=-406/1086, 4-15=-701/2508, 6-15=-671/81, 8-15=-703/2508, 8-13=-406/1086, 8-12=-7474/2069, 9-12=-1073/3619

- NOTES**
- 1) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.
 - 2) 3-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 - 2 rows at 0-8-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.
 - 3) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - 4) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 5) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
 - 6) Unbalanced snow loads have been considered for this design.
 - 7) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 8) Provide adequate drainage to prevent water ponding.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1127 lb uplift at joint 2 and 1127 lb uplift at joint 10.

Continued on page 2

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	PHS	GIRDER	2	3	Job Reference (optional)

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITAK Industries, Inc. Mon May 03 16:49:06 2004 Page 2

NOTES

- 12) Girder carries hip end with 4-10-0 end setback
 13) Special hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 173.1lb down and 77.0lb up at 39-6-0, and 173.1lb down and 77.0lb up at 2-10-0 on bottom chord. The design/selection of such special connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-19=-90, 3-19=-45(F=45), 3-9=-45(F=45), 9-20=-45(F=45), 11-20=-90, 2-21=-20, 21-22=-134(F=-114), 10-22=-20

Concentrated Loads (lb)

Vert: 21=-173(F) 22=-173(F)

Job	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	T3	COMMON	8	1	Job Reference (optional)
84 Components, Pennington, NJ 08534					
5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:07 2004 Page 1					

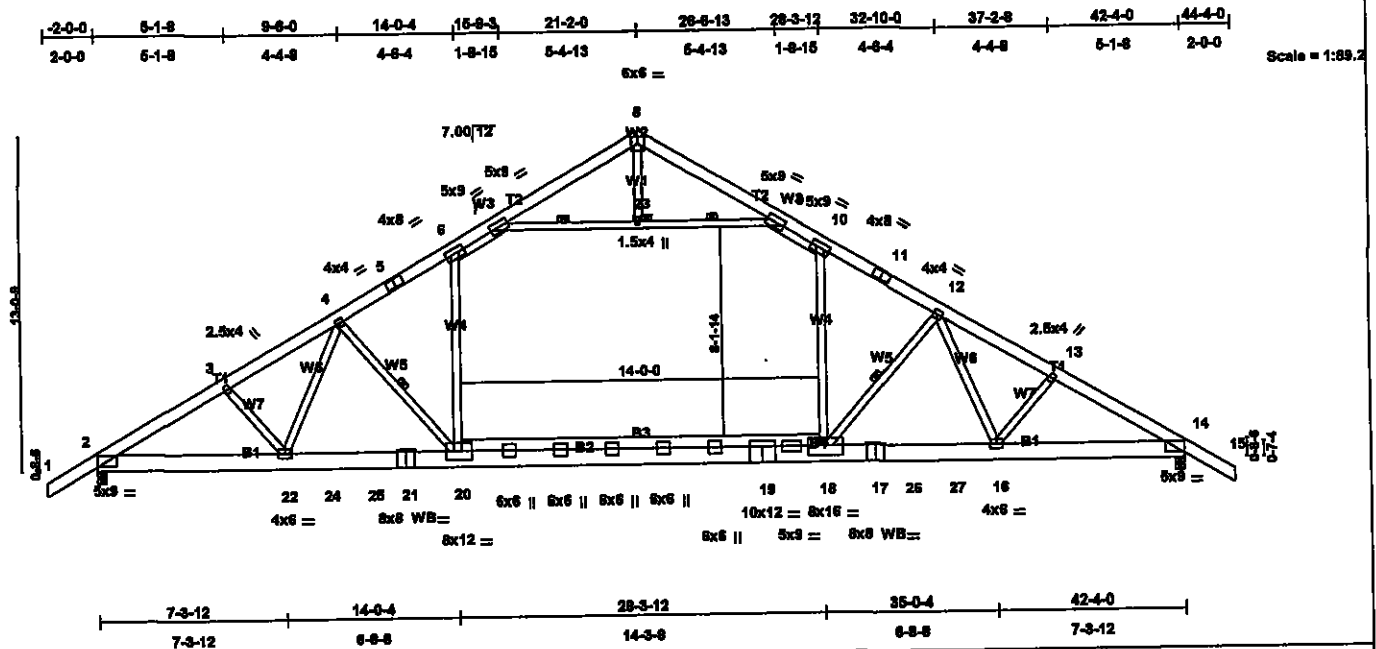


Plate Offsets (X,Y): [2:0-4-8,0-2-4], [14:0-4-8,0-2-4], [18:0-7-4,0-4-8], [20:0-3-12,0-4-0], [21:0-4-0,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.76			M1120	197/144
TCDL	15.0	Lumber Increase	1.15	BC	0.96				
BCLL	0.0	Rep Stress Incr	YES	WB	0.72				
BCDL	10.0	Code	IBC2000/ANSI95	(Matrix)					
								Weight: 340 lb	

LUMBER
TOP CHORD 2 X 6 SYP SS *Except*
 T1 2 X 6 SPF 1650F 1.5E, T1 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP No.1 *Except*
 B4 2 X 8 SYP SS, B2 2 X 8 SYP SS, B3 2 X 6 SPF 1650F 1.5E
WEBS 2 X 4 SPF Stud *Except*
 W1 2 X 4 SPF No.2, W4 2 X 4 SPF No.2, W4 2 X 4 SPF No.2
 W3 2 X 4 SPF No.2, W3 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-7-0 oc bracing.
WEBS 1 Row at midpt 7-23, 9-23, 4-20, 12-18
JOINTS 1 Brace at Jt(s): 23

REACTIONS (lb/size) 2=2856/0-4-1 (Input: 0-4-0), 14=2856/0-4-1 (Input: 0-4-0)
 Max Horz 2=476(load case 7)
 Max Uplift 2=382(load case 8), 14=382(load case 9)
 Max Grav 2=3466(load case 2), 14=3466(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/137, 2-3=-5348/602, 3-4=-4944/627, 4-5=-3991/593, 5-6=-3712/610, 6-7=-3105/604, 7-8=-507/189,
 8-9=-506/189, 9-10=-3102/603, 10-11=-3716/610, 11-12=-3995/593, 12-13=-4943/627, 13-14=-5346/602,
 14-15=0/137
BOT CHORD 2-22=-524/4346, 22-24=-372/3991, 24-25=-372/3991, 21-25=-372/3991, 20-21=-372/3991, 19-20=-145/3150,
 18-19=-142/3130, 17-18=-241/3994, 17-26=-241/3994, 26-27=-241/3994, 16-27=-241/3994, 14-16=-337/4344
WEBS 7-23=-2915/543, 9-23=-2915/543, 6-20=-46/1285, 10-18=-47/1309, 4-20=-1351/369, 4-22=-356/613,
 3-22=-219/148, 12-18=-1356/373, 12-16=-367/604, 13-16=-217/148, 8-23=-11/58

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) WARNING: Required bearing size at joint(s) 2, 14 greater than input bearing size.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 382 lb uplift at joint 2 and 382 lb uplift at joint 14.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V1	VALLEY SET	3x5 = 1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITTEK Industries, Inc. Mon May 03 16:49:10 2004 Page 1		

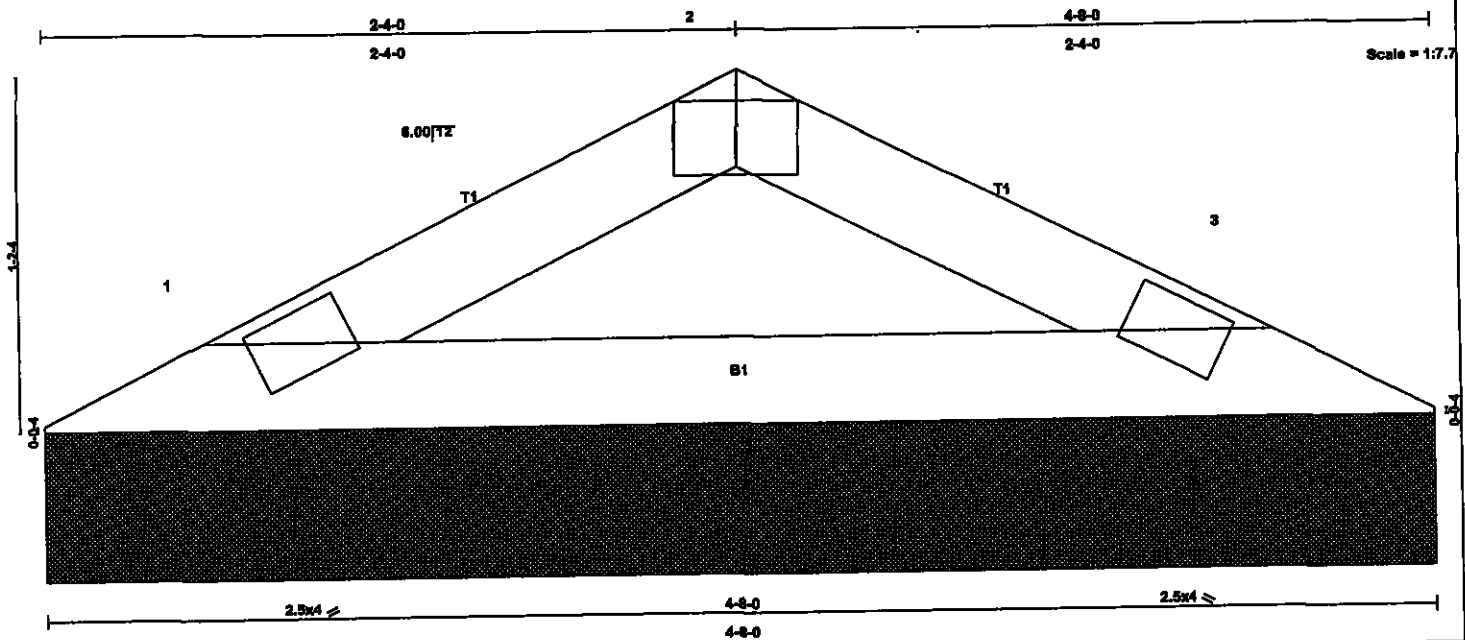


Plate Offsets (X,Y): [3:0-1-8,0-0-8]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.09	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.14	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00	3	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 10 lb	

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

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

REACTIONS (lb/size) 1=193/4-8-0, 3=193/4-8-0
Max Horz 1=19(load case 6)
Max Uplift 1=23(load case 6), 3=23(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-205/150, 2-3=-205/150
BOT CHORD 1-3=-89/158

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) Gable requires continuous bottom chord bearing.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 1 and 23 lb uplift at joint 3.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISH SHAY 4/22
1132714	V1A	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:10 2004 Page 1		

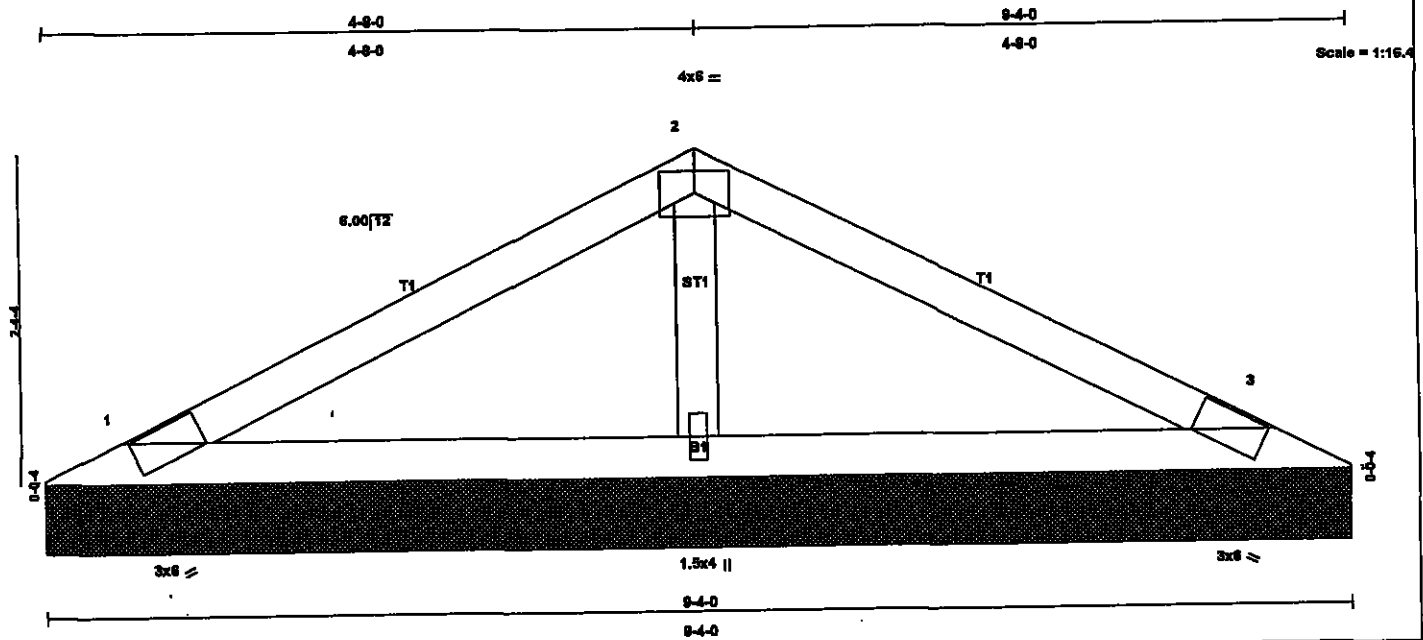


Plate Offsets (X,Y): [3:0-0-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.32	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.24	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.09	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 23 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=194/9-4-0, 3=194/9-4-0, 4=511/9-4-0
Max Horz 1=44(load case 8)
Max Uplift 1=35(load case 8), 3=43(load case 9), 4=39(load case 8)
Max Grav 1=279(load case 2), 3=279(load case 3), 4=511(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-165/80, 2-3=-165/80
BOT CHORD 1-4=-0/51, 3-4=-0/51
WEBS 2-4=-369/216

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 1, 43 lb uplift at joint 3 and 39 lb uplift at joint 4.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V1B	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534					
5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:11 2004 Page 1					

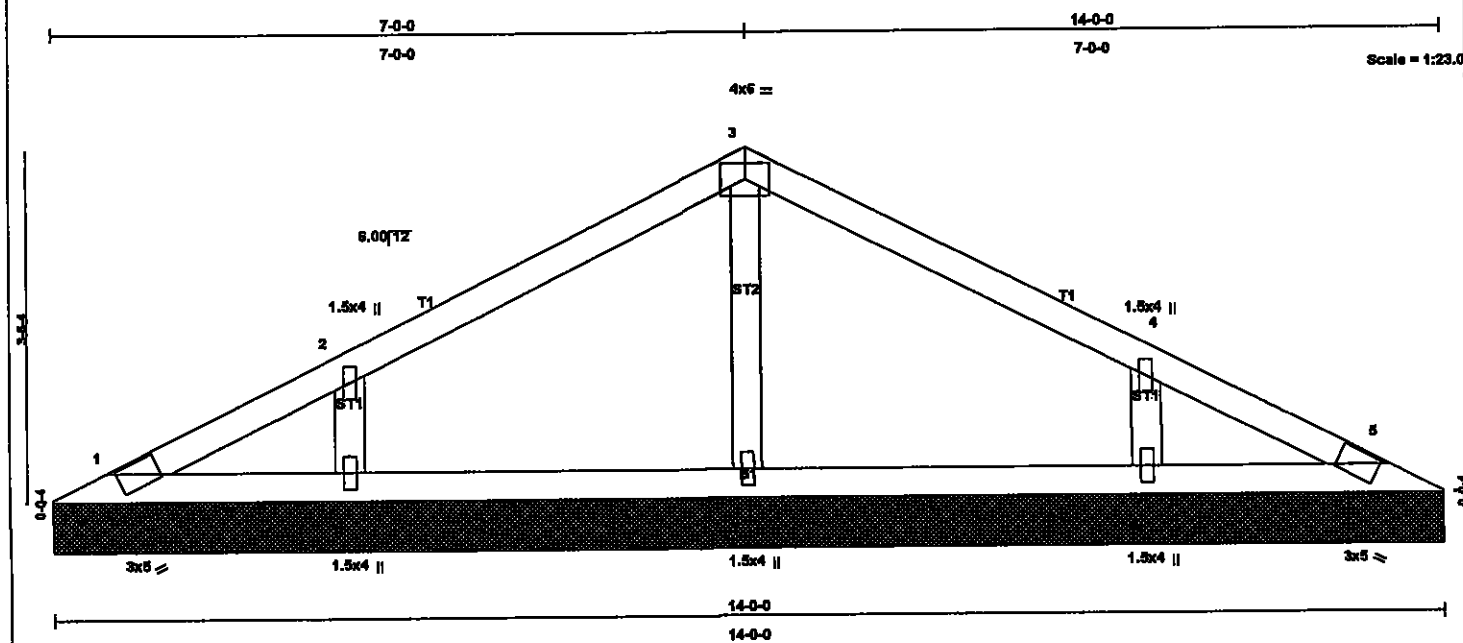


Plate Offsets (X,Y): [4:0-2-14,0-1-0], [5:0-1-0,0-0-4], [6:0-2-0,0-1-0]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.36	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.09	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(TL)	0.00	5	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 38 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2 X 4 SPF Stud	

REACTIONS (lb/size) 1=107/14-0-0, 5=107/14-0-0, 7=416/14-0-0, 8=391/14-0-0, 6=391/14-0-0
Max Horz 1=-69(load case 9)
Max Uplift 1=-15(load case 9), 5=-2(load case 8), 8=-124(load case 8), 6=-124(load case 9)
Max Grav 1=127(load case 2), 5=127(load case 3), 7=416(load case 1), 8=566(load case 2), 6=566(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-84/54, 2-3=-166/129, 3-4=-166/129, 4-5=-84/54
BOT CHORD 1-8=0/53, 7-8=0/53, 6-7=0/53, 5-6=0/53
WEBS 3-7=-334/113, 2-8=-490/233, 4-6=-490/233

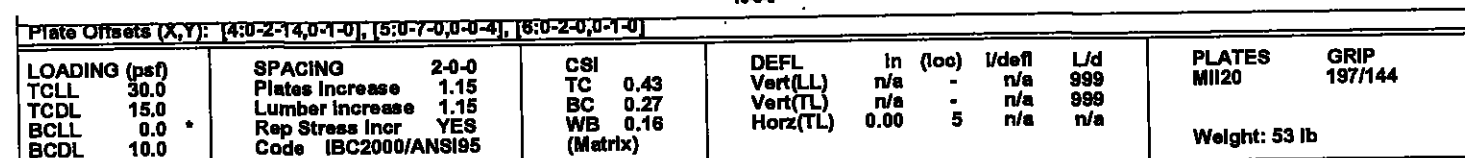
- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; P_r=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 1, 2 lb uplift at joint 5, 124 lb uplift at joint 8 and 124 lb uplift at joint 6.

LOAD CASE(S) Standard

94-0 188-0

94-0 188-0

Scale 1"=30'-0"



REACTIONS (lb/size) 1=227/18-8-0, 5=227/18-8-0, 7=330/18-8-0, 8=571/18-8-0, 6=571/18-8-0
 Max Horz 1=-95(load case 9)
 Max Uplift 1=-18(load case 9), 5=-21(load case 9), 8=-173(load case 8), 6=-173(load case 9)
 Max Grav 1=299(load case 2), 5=299(load case 3), 7=330(load case 1), 8=794(load case 2), 6=794(load case 3)

NOTES

- 1) Wind: ASCE 7-88; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-88; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 1, 21 lb uplift at joint 5, 173 lb uplift at joint 8 and 173 lb uplift at joint 6.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V1D	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:12 2004 Page 1		

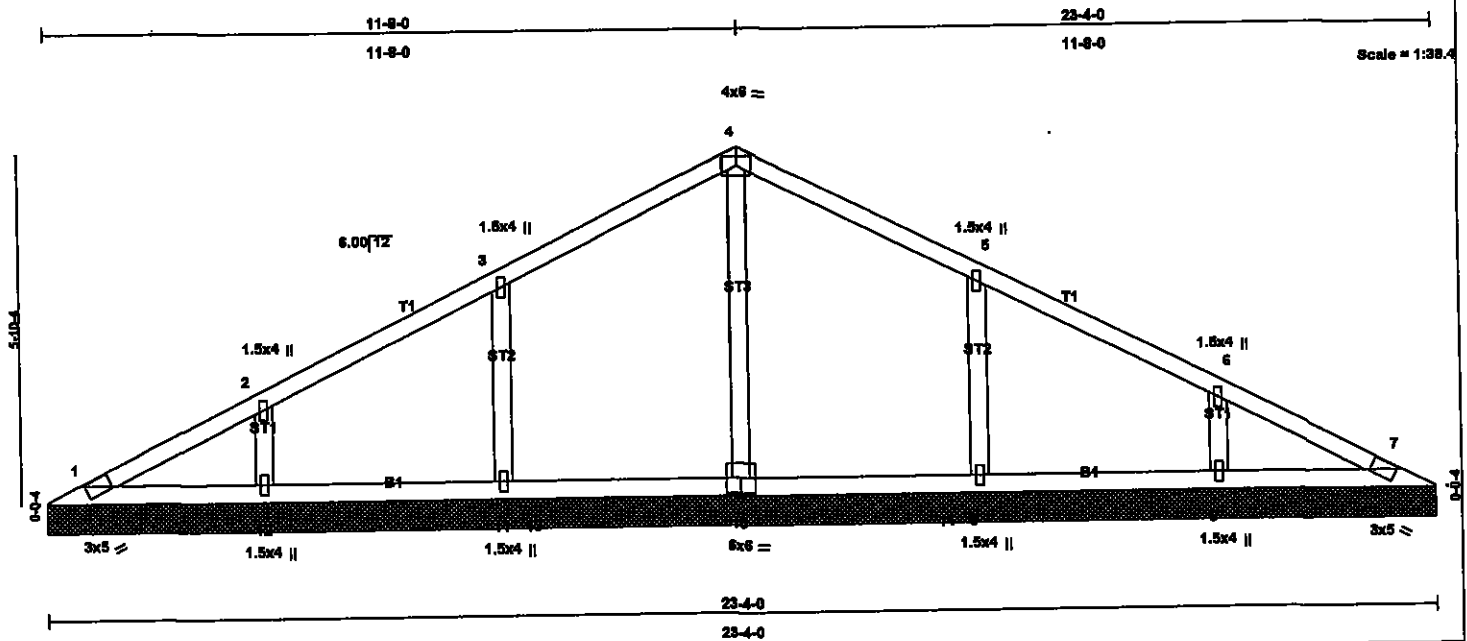


Plate Offsets (X,Y): [5:0-2-14,0-1-0], [6:0-2-14,0-1-0], [7:0-1-0,0-0-4], [8:0-2-0,0-1-0], [9:0-2-0,0-1-0]											
LOADING (psf)		SPACING 2-0-0		CSI	DEFL		in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase 1.15		TC 0.31	Vert(LL)	n/a	-	n/a	999	M1120	197/144
TCDL	15.0	Lumber Increase 1.15		BC 0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr YES		WB 0.21	Horz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code IBC2000/ANSI95		(Matrix)						Weight: 71 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=147/23-4-0, 7=147/23-4-0, 10=577/23-4-0, 11=500/23-4-0, 12=423/23-4-0, 9=500/23-4-0, 8=423/23-4-0
Max Horz 1=120 (load case 8)
Max Uplift 1=14 (load case 9), 11=137 (load case 8), 12=127 (load case 8), 9=137 (load case 9), 8=127 (load case 9)
Max Grav 1=192 (load case 2), 7=192 (load case 3), 10=577 (load case 1), 11=687 (load case 2), 12=574 (load case 2), 9=687 (load case 3),
8=574 (load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-140/66, 2-3=-152/115, 3-4=-167/224, 4-5=-167/224, 5-6=-152/81, 6-7=-114/66
BOT CHORD 1-12=0/104, 11-12=0/104, 11-13=0/104, 10-13=0/104, 10-14=0/104, 9-14=0/104, 8-9=0/104, 7-8=0/104
WEBS 4-10=-317/0, 3-11=-553/247, 2-12=-487/229, 5-8=-553/247, 6-8=-487/229

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint 1, 137 lb uplift at joint 11, 127 lb uplift at joint 12, 137 lb uplift at joint 9 and 127 lb uplift at joint 8.

LOAD CASE(S) Standard

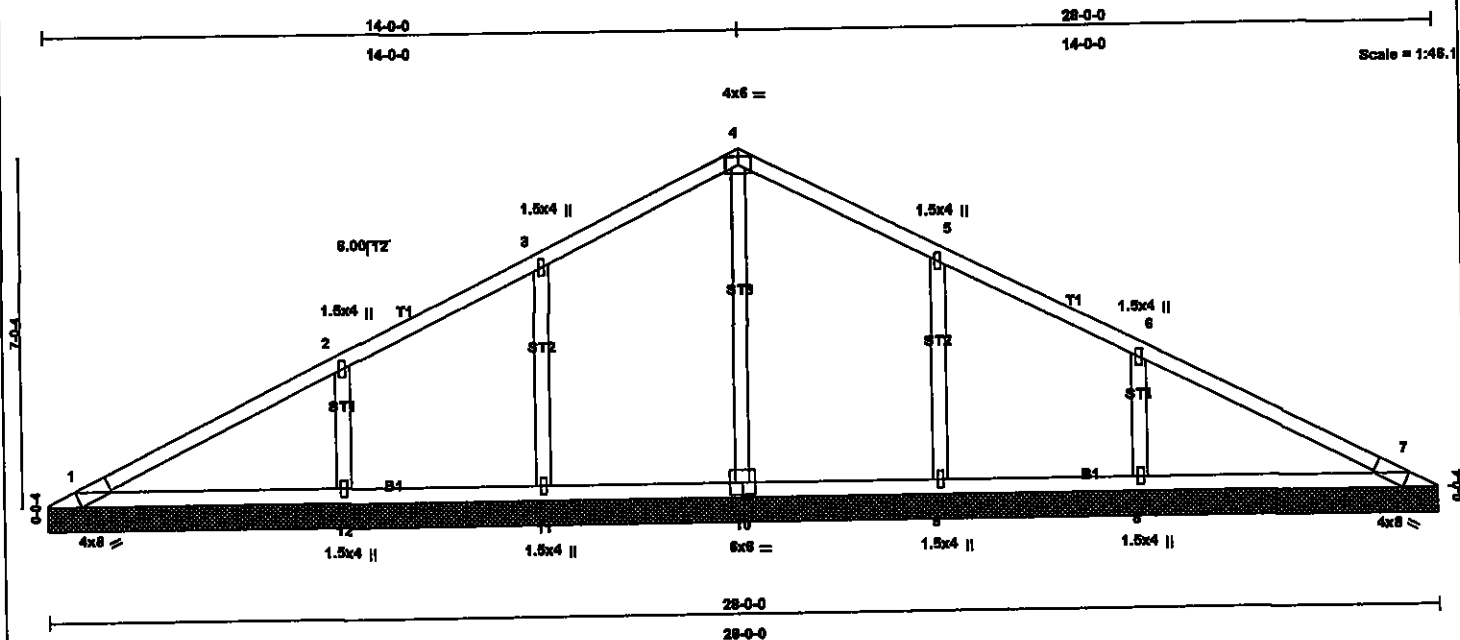


Plate Offsets (X,Y): [1:0-0-3,Edge], [5:0-2-14,0-1-0], [6:0-2-14,0-1-0], [7:0-0-3,Edge], [8:0-2-0,0-1-0], [9:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.69	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.38	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.32	Horz(TL)	0.01	7	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 89 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=263/28-0-0, 7=263/28-0-0, 10=431/28-0-0, 11=373/28-0-0, 12=625/28-0-0, 9=373/28-0-0, 8=625/28-0-0
 Max Horz 1=145(load case 8)
 Max Uplift 1=20(load case 9), 7=8(load case 9), 11=117(load case 8), 12=184(load case 8), 9=117(load case 9), 8=184(load case 9)
 Max Grav 1=350(load case 2), 7=350(load case 3), 10=431(load case 1), 11=539(load case 2), 12=845(load case 2), 9=539(load case 3),
 8=845(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-187/128, 2-3=-175/155, 3-4=-162/273, 4-5=-162/273, 5-6=-175/143, 6-7=-187/128
 BOT CHORD 1-12=0/128, 11-12=0/128, 10-11=0/128, 9-10=0/128, 8-9=0/128, 7-8=0/128
 WEBS 4-10=-338/0, 3-11=-491/218, 2-12=-677/313, 5-9=-491/218, 6-8=-677/313

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCDL: ASCE 7-98; P=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 1, 8 lb uplift at joint 7, 117 lb uplift at joint 11, 184 lb uplift at joint 12, 117 lb uplift at joint 9 and 184 lb uplift at joint 8.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V1F	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534					
5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:14 2004 Page 1					

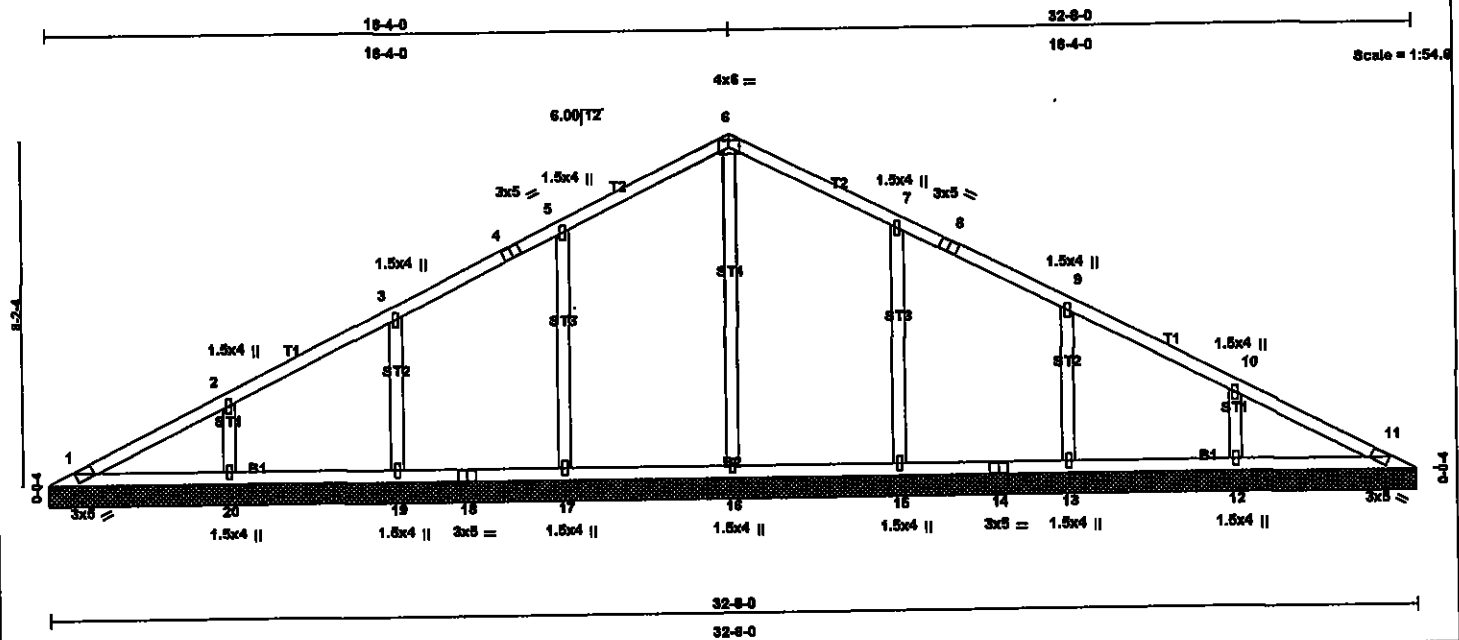


Plate Offsets (X,Y): [7:0-2-14,0-1-0], [8:0-2-8,0-0-4], [9:0-2-14,0-1-0], [10:0-2-14,0-1-0], [11:0-1-0,0-0-4], [12:0-2-0,0-1-0], [13:0-2-0,0-1-0], [14:0-2-8,0-0-4], [15:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.32	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.17	Vert(TL)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.40	Horz(TL)	0.00	11	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 111 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2 X 4 SPF Stud *Except*	
ST4 2 X 4 SPF No.2	

REACTIONS (lb/size) 1=184/32-8-0, 16=397/32-8-0, 17=429/32-8-0, 19=413/32-8-0, 20=483/32-8-0, 15=430/32-8-0, 13=413/32-8-0, 12=483/32-8-0, 11=184/32-8-0
Max Horz 1=232(load case 8)
Max Uplift 17=-142(load case 8), 19=-133(load case 8), 20=-141(load case 8), 15=-141(load case 9), 13=-133(load case 9), 12=-141(load case 9)
Max Grav 1=240(load case 2), 16=397(load case 1), 17=615(load case 2), 19=562(load case 2), 20=660(load case 2), 15=615(load case 3), 13=562(load case 3), 12=660(load case 3), 11=240(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-226/76, 2-3=-166/67, 3-4=-161/117, 4-5=-39/132, 5-6=-173/267, 6-7=-173/267, 7-8=-39/126, 8-9=-161/110, 9-10=-166/67, 10-11=-196/76
BOT CHORD 1-20=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/0, 15-16=0/0, 14-15=0/0, 13-14=0/210, 12-13=0/210, 11-12=0/210
WEBS 6-16=-312/0, 5-17=-547/242, 3-19=-509/245, 2-20=-540/248, 7-15=-547/242, 9-13=-509/245, 10-12=-540/248

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 17, 133 lb uplift at joint 19, 141 lb uplift at joint 20, 141 lb uplift at joint 15, 133 lb uplift at joint 13 and 141 lb uplift at joint 12.

LOAD CASE(S) Standard

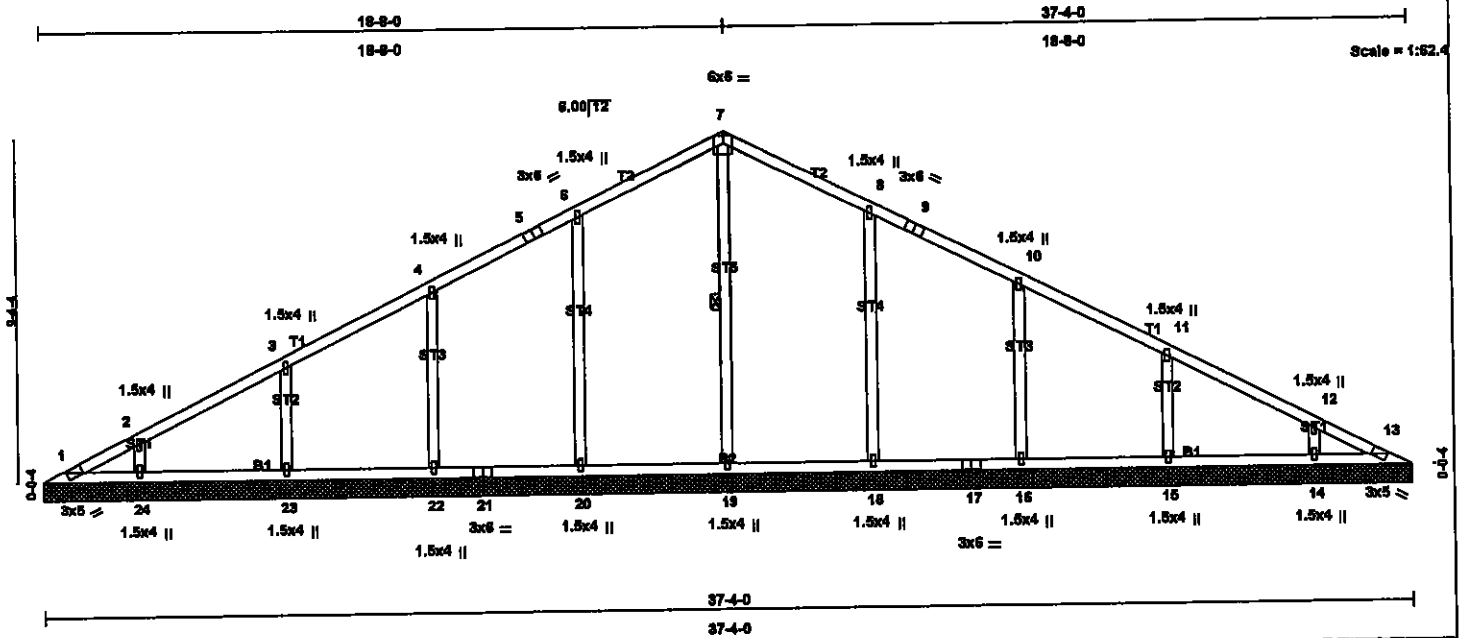


Plate Offsets (X,Y): [8:0-2-14,0-1-0], [9:0-3-0,0-0-4], [10:0-2-14,0-1-0], [11:0-2-14,0-1-0], [12:0-2-14,0-1-0], [13:0-1-0,0-0-4], [14:0-2-0,0-1-0], [15:0-2-0,0-1-0], [16:0-2-0,0-1-0], [17:0-3-0,0-0-4], [18:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.32	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.09	Vert(TL)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.57	Horz(TL)	0.00	13	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 133 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
ST5 2 X 4 SPF No.2

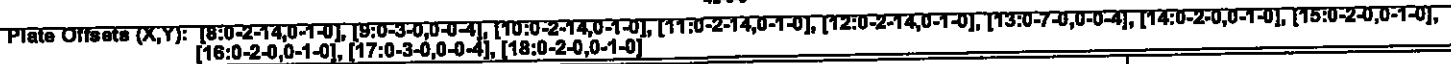
BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-19

REACTIONS (lb/size) 1=84/37-4-0, 19=396/37-4-0, 20=432/37-4-0, 22=421/37-4-0, 23=456/37-4-0, 24=379/37-4-0, 18=432/37-4-0, 16=421/37-4-0, 15=456/37-4-0, 14=379/37-4-0, 13=84/37-4-0
Max Horz 1=268(load case 8), 22=-138(load case 8), 23=-133(load case 8), 24=-113(load case 8), 18=-140(load case 9), 16=-138(load case 9), 15=-133(load case 9), 14=-113(load case 9)
Max Grav 1=118(load case 8), 19=396(load case 1), 20=618(load case 2), 22=573(load case 2), 23=622(load case 2), 24=516(load case 2), 18=618(load case 3), 16=573(load case 3), 15=622(load case 3), 14=516(load case 3), 13=104(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-288/41, 2-3=-203/74, 3-4=-166/99, 4-5=-161/156, 5-6=-39/172, 6-7=-173/312, 7-8=-173/312, 8-9=-39/172, 9-10=-161/156, 10-11=-166/99, 11-12=-168/74, 12-13=-255/41
BOT CHORD 1-24=0/0, 23-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/244, 15-16=0/244, 14-15=0/244, 13-14=0/244
WEBS 7-19=-313/0, 6-20=-546/241, 4-22=-510/244, 3-23=-537/251, 2-24=-446/209, 8-18=-546/241, 10-16=-510/244, 11-15=-537/251, 12-14=-446/209

NOTES
1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 20, 138 lb uplift at joint 22, 133 lb uplift at joint 23, 113 lb uplift at joint 24, 140 lb uplift at joint 18, 138 lb uplift at joint 16, 133 lb uplift at joint 15 and 113 lb uplift at joint 14.

LOAD CASE(S) Standard



LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
 ST5 2 X 4 SPF No.2, ST4 2 X 4 SPF No.2, ST4 2 X 4 SPF No.2

BRACING	Sheathed or 6-0-0 oc purlins.
TOP CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
BOT CHORD	1 Row at midpt 7-19, 8-20, 8-18
WEBS	

REACTIONS (lb/size) 1=218/42-0-0, 19=397/42-0-0, 20=434/42-0-0, 22=433/42-0-0, 23=415/42-0-0, 24=533/42-0-0, 18=434/42-0-0, 16=433/42-0-0, 15=415/42-0-0, 14=533/42-0-0, 13=218/42-0-0
Max Horz 1=305(load case 8)
Max Uplift 20=-138(load case 8), 22=-143(load case 8), 23=-121(load case 8), 24=-158(load case 8), 18=-138(load case 9), 16=-143(load case 9), 15=-121(load case 9), 14=-158(load case 9)
Max Grav 1=304(load case 2), 19=407(load case 2), 20=648(load case 2), 22=623(load case 2), 23=596(load case 2), 24=765(load case 2), 18=648(load case 3), 16=623(load case 3), 15=596(load case 3), 14=765(load case 3), 13=304(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-299/96, 2-3=-184/66, 3-4=-175/128, 4-5=-175/187, 5-6=-54/216, 6-7=-185/355, 7-8=-185/355, 8-9=-54/216
9-10=-175/187, 10-11=-175/87, 11-12=-184/62, 12-13=-258/96
BOT CHORD 1-2=0/0, 2-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/0, 18-19=0/0, 17-18=0/0, 16-17=0/278,
15-16=0/278, 14-15=0/278, 13-14=0/278
WEBS 7-19=-534/0, 6-20=-574/240, 4-22=-551/248, 3-23=-531/236, 2-24=-627/272, 8-18=-574/240, 10-16=-551/248,
11-15=-531/236, 12-14=-627/272

NOTES

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 138 lb uplift at joint 20, 143 lb uplift at joint 22, 121 lb uplift at joint 23, 158 lb uplift at joint 24, 138 lb uplift at joint 18, 143 lb uplift at joint 16, 121 lb uplift at joint 15 and 158 lb uplift at joint 14.

LOAD CASE(S) Standard

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:17 2004 Page 1

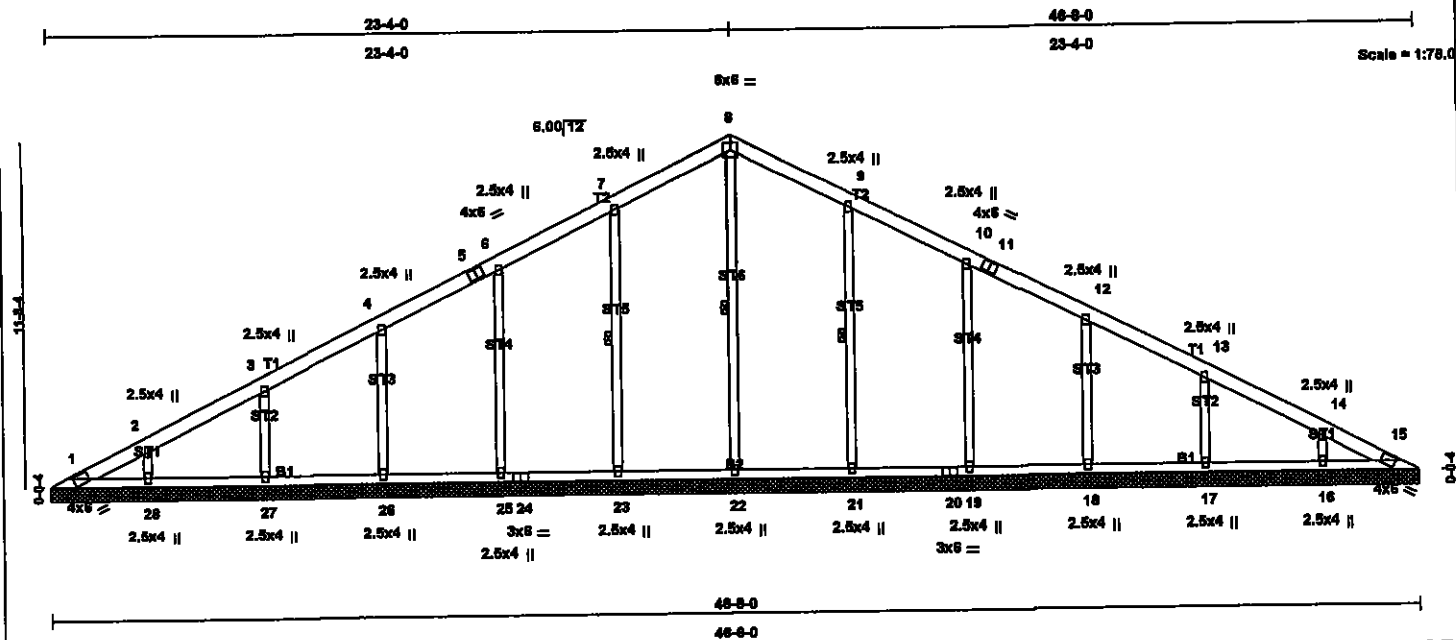


Plate Offsets (X,Y): [9:0-2-14,0-0-8], [10:0-2-14,0-0-8], [11:0-3-0,0-0-12], [12:0-2-14,0-0-8], [13:0-2-14,0-0-8], [14:0-2-14,0-0-8], [15:0-2-8,0-0-12], [16:0-2-0,0-0-8], [17:0-2-0,0-0-8], [18:0-2-0,0-0-8], [19:0-2-0,0-0-8], [20:0-3-0,0-0-4], [21:0-2-0,0-0-8]

LOADING (psf) TCLL 30.0 TCDL 15.0 BCLL 0.0 BCDL 10.0	SPACING 2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2000/ANSI95	CSI TC 0.12 BC 0.10 WB 0.58 (Matrix)	DEFL Vert(LL) n/a Vert(TL) n/a Horz(TL) 0.01	in (loc) l/defl L/d - n/a 999 - n/a 999 15 n/a n/a	PLATES MIL20 GRIP 197/144 Weight: 213 lb
--	---	--	---	---	--

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud *Except*
ST6 2 X 4 SPF No.2, ST5 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 8-22, 7-23, 9-21

REACTIONS (lb/size) 1=126/46-8-0, 22=378/46-8-0, 23=436/46-8-0, 25=421/46-8-0, 26=440/46-8-0, 27=448/46-8-0, 28=402/46-8-0, 21=436/46-8-0, 19=421/46-8-0, 18=440/46-8-0, 17=448/46-8-0, 16=402/46-8-0, 15=126/46-8-0
Max Horz 1=334(load case 8), 26=-128(load case 8), 27=-133(load case 8), 28=-119(load case 8), 21=-126(load case 9), 19=-145(load case 9), 18=-128(load case 9), 17=-133(load case 9), 16=-119(load case 9)
Max Grav 1=186(load case 2), 22=385(load case 3), 23=642(load case 2), 25=603(load case 2), 26=626(load case 2), 27=638(load case 2), 28=638(load case 3), 21=642(load case 3), 19=603(load case 3), 18=626(load case 3), 17=638(load case 3), 16=573(load case 3), 15=166(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-355/30, 2-3=-263/53, 3-4=-197/118, 4-5=-197/164, 5-6=-40/181, 6-7=-195/284, 7-8=-204/418, 8-9=-204/418, 9-10=-195/284, 10-11=-40/140, 11-12=-197/124, 12-13=-197/52, 13-14=-197/52, 14-15=-295/30
BOT CHORD 1-28=0/0, 27-28=0/0, 26-27=0/0, 25-26=0/0, 24-25=0/0, 23-24=0/0, 22-23=0/0, 21-22=0/0, 20-21=0/0, 19-20=0/286, 18-19=0/286, 17-18=0/286, 16-17=0/286, 15-16=0/286
WEBS 8-22=-303/0, 7-23=-568/227, 6-25=-542/251, 4-26=-545/242, 3-27=-557/250, 2-28=-496/219, 9-21=-568/227, 10-19=-542/251, 12-18=-545/242, 13-17=-557/250, 14-16=-496/219

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L=45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 23, 144 lb uplift at joint 25, 128 lb uplift at joint 26, 133 lb uplift at joint 27, 119 lb uplift at joint 28, 126 lb uplift at joint 21, 145 lb uplift at joint 19, 128 lb uplift at joint 18, 133 lb uplift at joint 17 and 119 lb uplift at joint 16.

LOAD CASE(S) Standard



LOADING (psf)	SPACING 2-0-0	CSI	DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.06	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase 1.15	BC 0.10	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95	(Matrix)						Weight: 9 lb	

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

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-161/61, 2-3=-161/61
BOT CHORD 1-3=-24/115

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDF=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCDL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 4) Gable requires continuous bottom chord bearing.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1 and 19 lb uplift at joint 3.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	KRISTIN SHAY 4/22
1132714	V2A	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITAK Industries, Inc. Mon May 03 16:49:19 2004 Page 1		

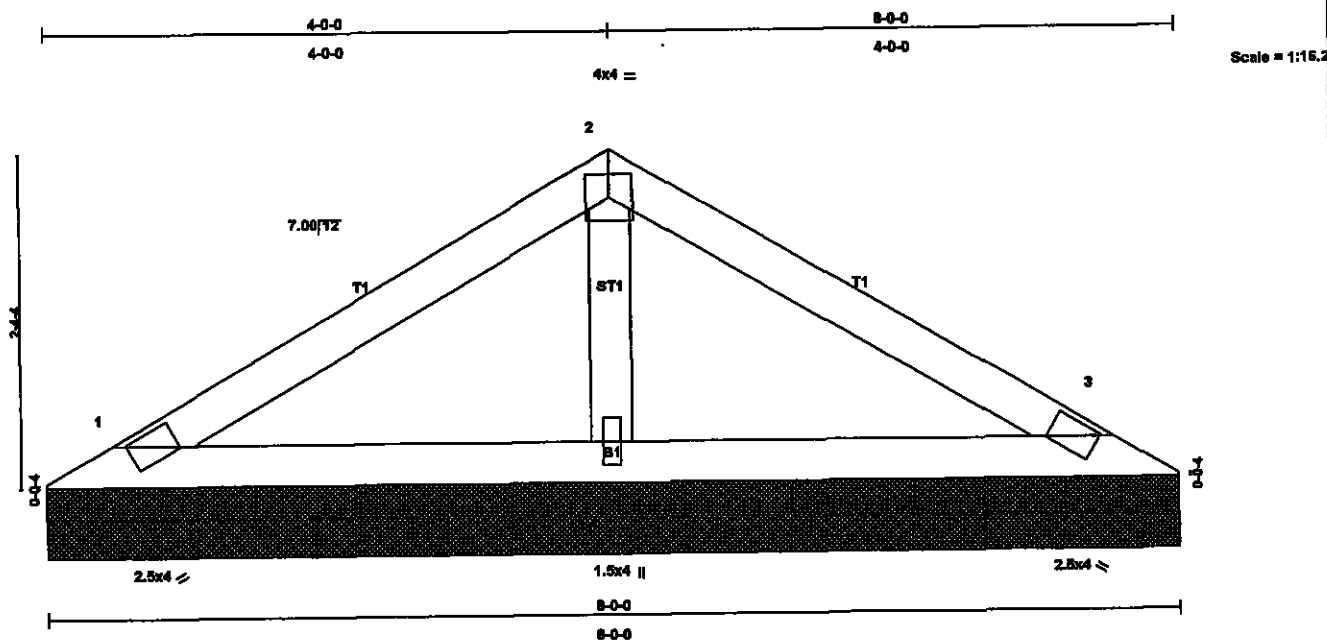


Plate Offsets (X,Y): [3:0-1:0,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.45	Vert(LL)	n/a	-	n/a	MII20	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.13	Vert(TL)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.06	Horz(TL)	0.00	3	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 20 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=208/8-0-0, 3=208/8-0-0, 4=354/8-0-0
Max Horz 1=77(load case 7)
Max Uplift 1=43(load case 8), 3=52(load case 9), 4=3(load case 8)
Max Grav 1=275(load case 2), 3=275(load case 3), 4=354(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-134/81, 2-3=-134/52
BOT CHORD 1-4=-14/41, 3-4=-14/41
WEBS 2-4=-266/82

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCCL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCCL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 43 lb uplift at joint 1, 52 lb uplift at joint 3 and 3 lb uplift at joint 4.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTI SHAY 4/22
1132714	V2B	VALLEY SET	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mittek Industries, Inc. Mon May 03 16:49:20 2004 Page 1		

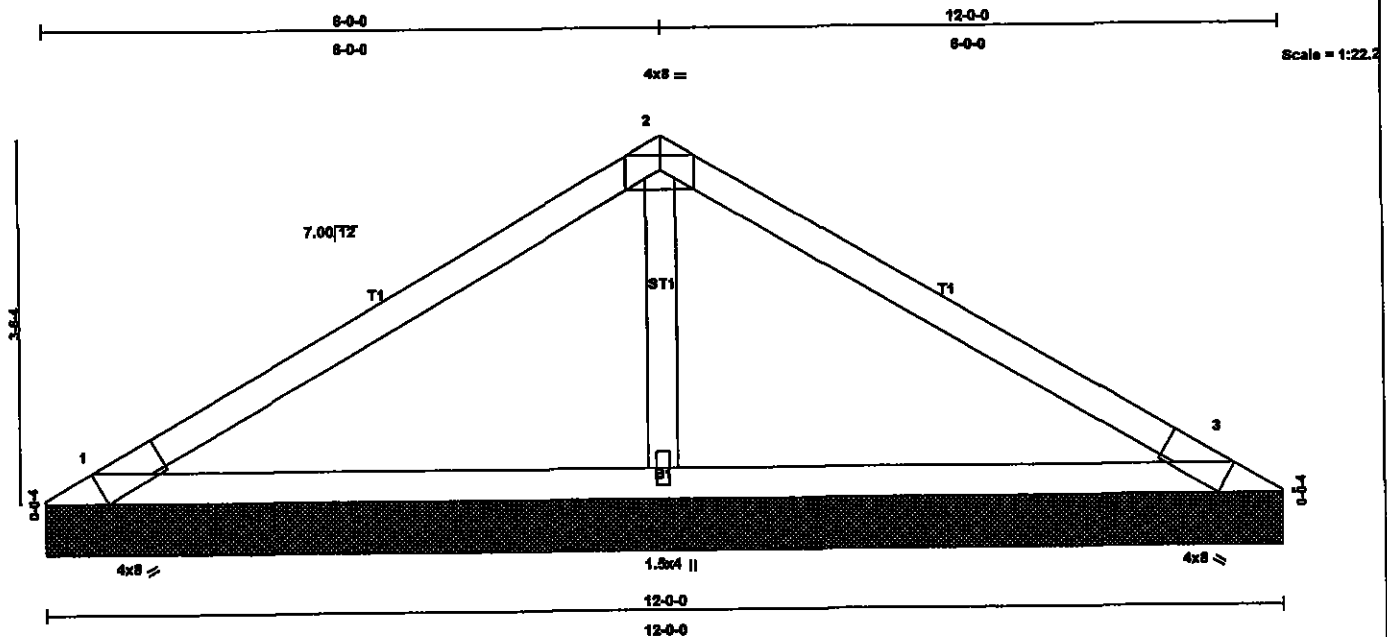


Plate Offsets (X,Y): [1:0-7'-15,Edge], [3:0-7'-15,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.58	Vert(LL)	n/a	-	n/a	999	M1120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.44	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.14	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 32 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

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

REACTIONS (lb/size) 1=275/12'-0'-0, 3=275/12'-0'-0, 4=660/12'-0'-0
Max Horz 1=-121(load case 6)
Max Uplift 1=-46(load case 8), 3=-59(load case 9), 4=-49(load case 8)
Max Grav 1=386(load case 2), 3=386(load case 3), 4=660(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-258/102, 2-3=-258/102
BOT CHORD 1-4=-21/82, 3-4=-21/82
WEBS 2-4=-468/134

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6'-0 tall by 1'-0'-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 1, 59 lb uplift at joint 3 and 49 lb uplift at joint 4.

LOAD CASE(S) Standard

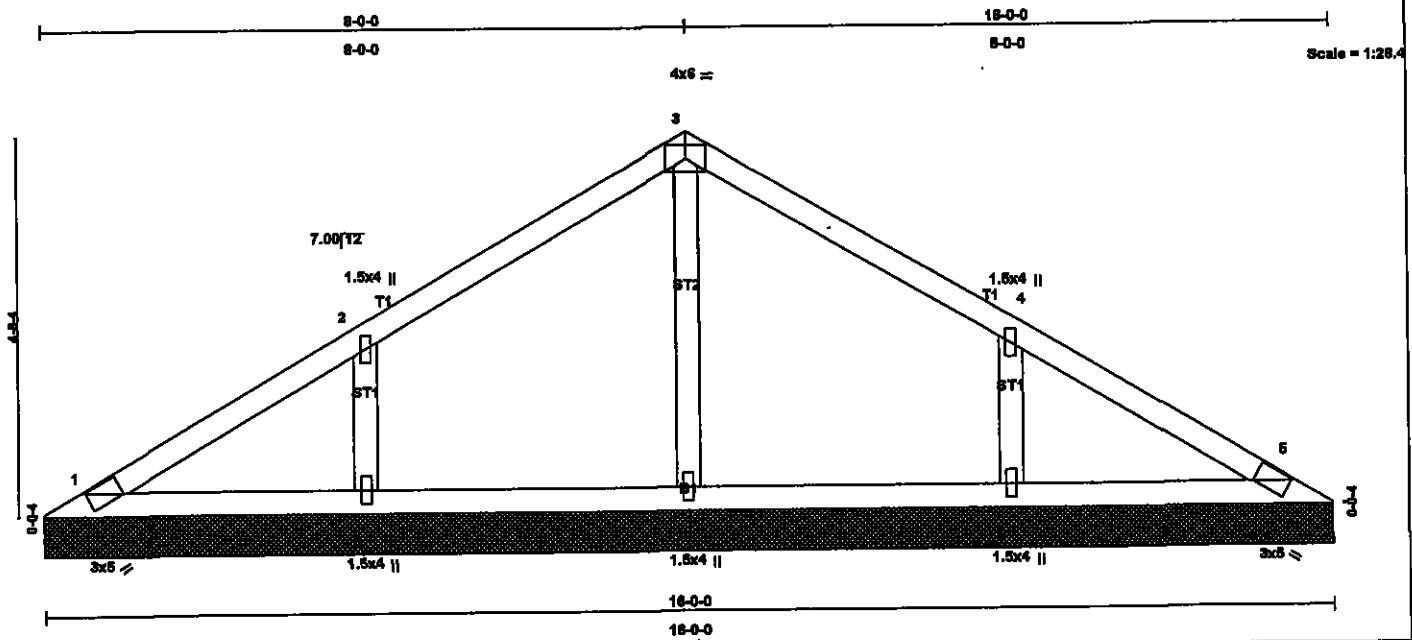


Plate Offsets (X,Y): (4'-0"-3'-0",0'-1'-0"), (5'-0"-0'-8",Edge), (6'-0"-2'-0",0'-1'-0")

LOADING (psf)	SPACING	2'-0"	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.31	Vert(LL)	n/a	-	n/a	999	M1120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.13	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.13	Horz(TL)	0.00	5	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						Weight: 47 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 OTHERS 2 X 4 SPF Stud

BRACING
 TOP CHORD Sheathed or 6'-0" oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS (lb/size) 1=176/16'-0"-0, 5=176/16'-0"-0, 7=373/16'-0"-0, 8=462/16'-0"-0, 6=462/16'-0"-0
 Max Horz 1=-165(load case 6)
 Max Uplift 1=-19(load case 9), 5=-1(load case 8), 8=-162(load case 8), 6=-162(load case 9)
 Max Grav 1=222(load case 2), 5=222(load case 3), 7=373(load case 1), 8=655(load case 2), 6=655(load case 3)

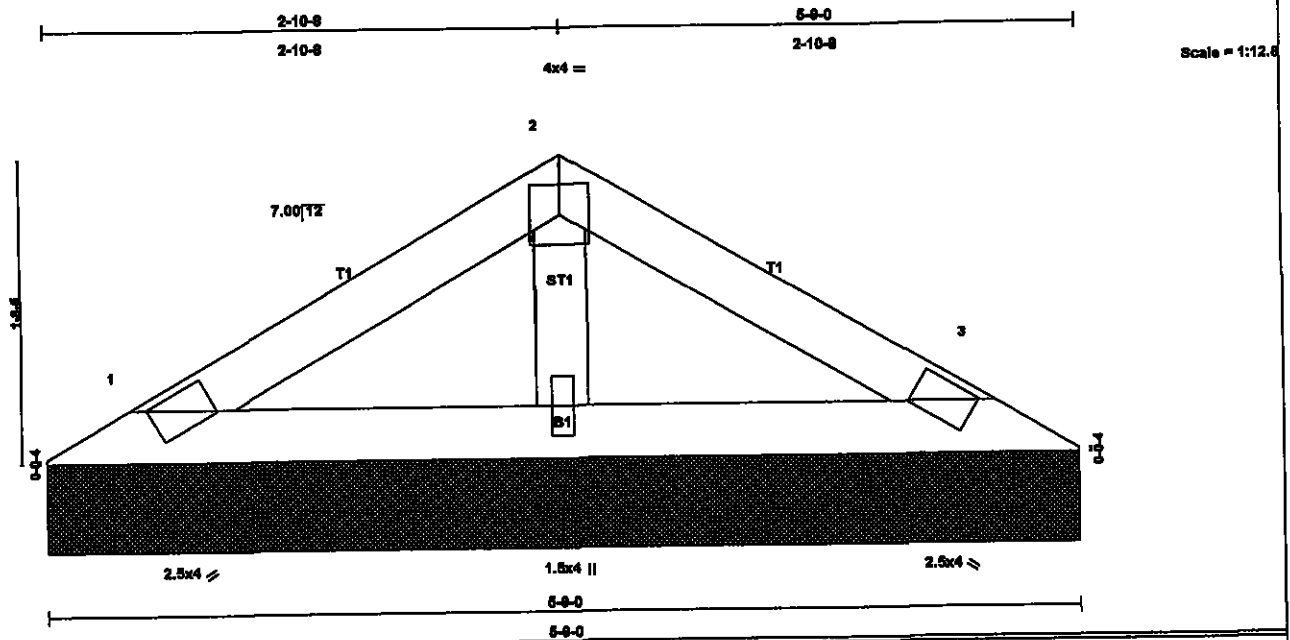
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-146/114, 2-3=-193/134, 3-4=-193/125, 4-5=-146/83
 BOT CHORD 1-8=-30/83, 7-8=-30/83, 6-7=-30/83, 5-6=-30/83
 WEBS 3-7=-302/19, 2-8=-548/200, 4-6=-548/199

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 5) Gable requires continuous bottom chord bearing.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 1'-0" wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1, 1 lb uplift at joint 5, 162 lb uplift at joint 8 and 162 lb uplift at joint 6.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTEN SHAY 4/22
1132714	V3	VALLEY SET	2	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5:20U s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:49:21 2004 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.21	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.06	Vert(TL)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.04	Horz(TL)	0.00	3	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 14 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud

BRACING
TOP CHORD Sheathed or 5-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=141/5-9-0, 3=141/5-9-0, 4=240/5-9-0
Max Horz 1=-52(load case 6)
Max Uplift 1=-29(load case 8), 3=-35(load case 9), 4=-2(load case 8)
Max Grav 1=186(load case 2), 3=186(load case 3), 4=240(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-91/41, 2-3=-91/36
BOT CHORD 1-4=-10/28, 3-4=-10/28
WEBS 2-4=-181/59

- NOTES**
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 5) Gable requires continuous bottom chord bearing.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 1, 35 lb uplift at joint 3 and 2 lb uplift at joint 4.

LOAD CASE(S) Standard

84 COMPONENTS

Telephone:
Fax:

Address:
Telephone:

Description: 1132714

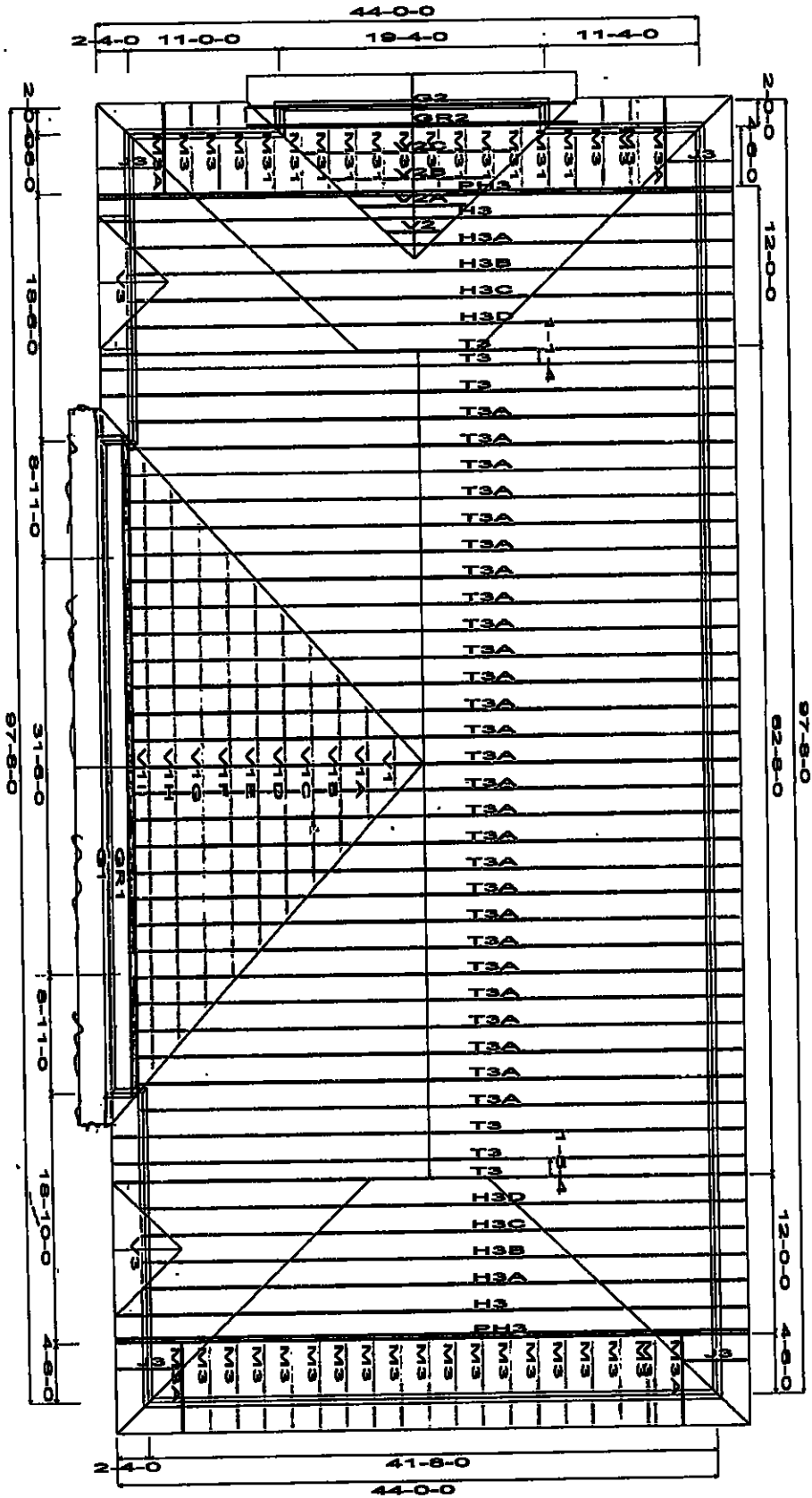
Job:

KRISTI SHAY MEDICAL BUILDING ROOF

See Notes: 1132714
Scale: 1/8"=1'-0"

Date: 5/3/04

Drawn by: TAYLOR



SHOP DRAWING REVIEW	
NO EXCEPTIONS TAKEN	
MAKE CORRECTIONS NOTED	✓
APPROVE & RE-SUBMIT	
REJECTED • RESUBMIT	
CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT REQUIREMENTS AND SPECIFICATIONS. THE REVIEW IS LIMITED TO GENERAL CONFORMITY WITH THE REQUIREMENTS OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: COORDINATING AND OBTAINING ALL QUANTITIES AND DIMENSIONS SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION: COORDINATING HIS WORK WITH THAT OF ALL TRADES AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.	
<i>pravin</i> PRAVIN H. PATEL ASSOCIATES, INC. P.O. BOX 5174, TOMS RIVER, N.J. 08754-5174	
SIGNATURE	
CHECKED BY <u>PJS</u>	DATE <u>8/29/04</u>

PROVIDE H-J-P.R.
SIGNED & SEALED
PLANS & CALCULATIONS

ATTN:
FRANK
BLDG DEPT.
B 835
lot 21

JOB 1132714	Truss G1	Truss Type GE 24	Qty 1	Ply 1	KRISTIAN HAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Milltek Industries, Inc. Mon May 03 16:48:50 2004 Page 1		

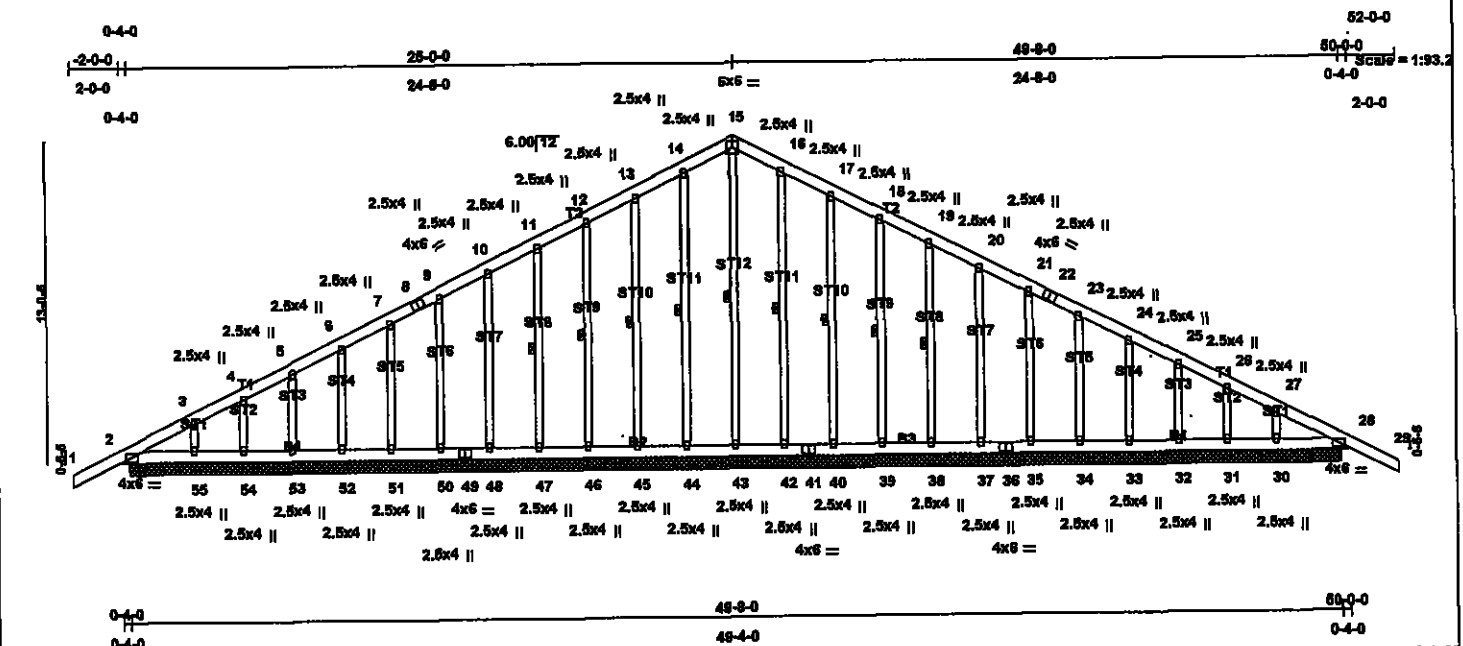


Plate Offsets (X,Y): [16:0-2-14,0-0-8], [17:0-2-14,0-0-8], [18:0-2-14,0-0-8], [19:0-2-14,0-0-8], [20:0-2-14,0-0-8], [21:0-2-14,0-0-8], [22:0-3-0,0-0-12], [23:0-2-14,0-0-8], [24:0-2-14,0-0-8], [25:0-2-14,0-0-8], [26:0-2-14,0-0-8], [27:0-2-14,0-0-8], [28:0-2-4,0-0-10], [30:0-2-0,0-0-8], [31:0-2-0,0-0-8], [32:0-2-0,0-0-8], [33:0-2-0,0-0-8], [34:0-2-0,0-0-8], [35:0-2-0,0-0-8], [36:0-3-0,0-0-12], [37:0-2-0,0-0-8], [38:0-2-0,0-0-8], [39:0-2-0,0-0-8], [40:0-2-0,0-0-8], [42:0-2-0,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.26	Vert(LL)	n/a	-	n/a	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.13	Vert(TL)	-0.03	29	>767		
BCLL 0.0	Rep Stress Incr	NO	WB 0.26	Horz(TL)	0.01	28	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)					Weight: 366 lb	

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 6 SPF 1650F 1.5E
OTHERS 2 X 4 SPF Stud *Except*
ST12 2 X 4 SPF No.2, ST11 2 X 4 SPF No.2
ST10 2 X 4 SPF No.2, ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2
ST7 2 X 4 SPF No.2, ST11 2 X 4 SPF No.2
ST10 2 X 4 SPF No.2, ST9 2 X 4 SPF No.2, ST8 2 X 4 SPF No.2
ST7 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 15-43, 14-44, 13-45, 12-46, 11-47, 16-42, 17-40, 18-39, 19-38

REACTIONS (lb/size) 2=413/49-4-0, 43=192/49-4-0, 44=214/49-4-0, 45=222/49-4-0, 46=220/49-4-0, 47=220/49-4-0, 48=217/49-4-0, 50=211/49-4-0, 51=222/49-4-0, 52=220/49-4-0, 53=219/49-4-0, 54=223/49-4-0, 55=224/49-4-0, 42=209/49-4-0, 40=216/49-4-0, 39=221/49-4-0, 38=220/49-4-0, 37=217/49-4-0, 35=211/49-4-0, 34=222/49-4-0, 33=220/49-4-0, 32=219/49-4-0, 31=223/49-4-0, 30=224/49-4-0, 28=413/49-4-0

Max Horz 2=455(load case 8)
Max Uplift 2=29(load case 6), 44=22(load case 8), 45=75(load case 8), 46=67(load case 8), 47=63(load case 8), 48=70(load case 8), 50=67(load case 8), 51=65(load case 8), 52=67(load case 8), 53=60(load case 8), 54=86(load case 8), 55=33(load case 10), 42=17(load case 9), 40=80(load case 9), 39=67(load case 9), 38=64(load case 9), 37=70(load case 9), 35=67(load case 9), 34=65(load case 9), 33=67(load case 9), 32=60(load case 9), 31=86(load case 9), 30=33(load case 10), 28=28(load case 9)

Max Grav 2=595(load case 2), 43=194(load case 3), 44=303(load case 2), 45=314(load case 2), 46=308(load case 2), 47=308(load case 2), 48=307(load case 2), 50=299(load case 2), 51=311(load case 2), 52=309(load case 2), 53=306(load case 2), 54=317(load case 2), 55=304(load case 2), 42=297(load case 3), 40=309(load case 3), 39=310(load case 3), 38=308(load case 3), 37=307(load case 3), 35=299(load case 3), 34=311(load case 3), 33=309(load case 3), 32=306(load case 3), 31=317(load case 3), 30=304(load case 3), 28=595(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/129, 2-3=393/31, 3-4=329/16, 4-5=271/31, 5-6=216/56, 6-7=160/88, 7-8=103/112, 8-9=94/120, 9-10=101/152, 10-11=103/184, 11-12=102/240, 12-13=102/312, 13-14=104/388, 14-15=102/426, 15-16=102/426, 16-17=104/388, 17-18=102/312, 18-19=102/240, 19-20=103/170, 20-21=101/101, 21-22=44/70, 22-23=103/62, 23-24=109/38, 24-25=165/19, 25-26=221/19, 26-27=279/16, 27-28=351/31, 28-29=0/129

BOT CHORD 2-55=0/0, 54-55=0/0, 53-54=0/0, 52-53=0/0, 51-52=0/0, 50-51=0/0, 49-50=0/0, 48-49=0/0, 47-48=0/0, 46-47=0/0, 45-46=0/0, 44-45=0/0, 43-44=0/0, 42-43=0/0, 41-42=0/0, 40-41=0/0, 39-40=0/0, 38-39=0/0, 37-38=0/0, 36-37=0/0, 35-36=0/449, 34-35=0/449, 33-34=0/449, 32-33=0/449, 31-32=0/449, 30-31=0/449, 28-30=0/449

WEBS 15-43=187/0, 14-44=263/46, 13-45=274/138, 12-46=269/125, 11-47=267/121, 10-48=273/124, 9-50=264/120, 7-51=270/123, 6-52=269/122, 5-53=269/121, 4-54=263/127, 3-55=298/119, 16-42=263/44, 17-40=274/138, 18-39=269/125, 19-38=267/121, 20-37=273/124, 21-35=264/120, 23-34=270/123, 24-33=269/122, 25-32=269/121, 26-31=263/127, 27-30=298/119

JOB	Truss	Truss Type	Qty	Ply	KRISTIN SHAY 4/22
1132714	G1	GE 24	1	1	Job Reference (optional)

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:48:51 2004 Page 2

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TCDL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 2, 22 lb uplift at joint 44, 75 lb uplift at joint 45, 67 lb uplift at joint 46, 63 lb uplift at joint 47, 70 lb uplift at joint 48, 67 lb uplift at joint 50, 65 lb uplift at joint 51, 67 lb uplift at joint 52, 60 lb uplift at joint 53, 86 lb uplift at joint 54, 33 lb uplift at joint 55, 17 lb uplift at joint 42, 80 lb uplift at joint 40, 67 lb uplift at joint 39, 64 lb uplift at joint 38, 70 lb uplift at joint 37, 67 lb uplift at joint 35, 65 lb uplift at joint 34, 67 lb uplift at joint 33, 80 lb uplift at joint 32, 86 lb uplift at joint 31, 33 lb uplift at joint 30 and 28 lb uplift at joint 28.
- 10) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTINSHAY 4/22
1132714	G2	GE 24	1	1	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:48:52 2004 Page 1		

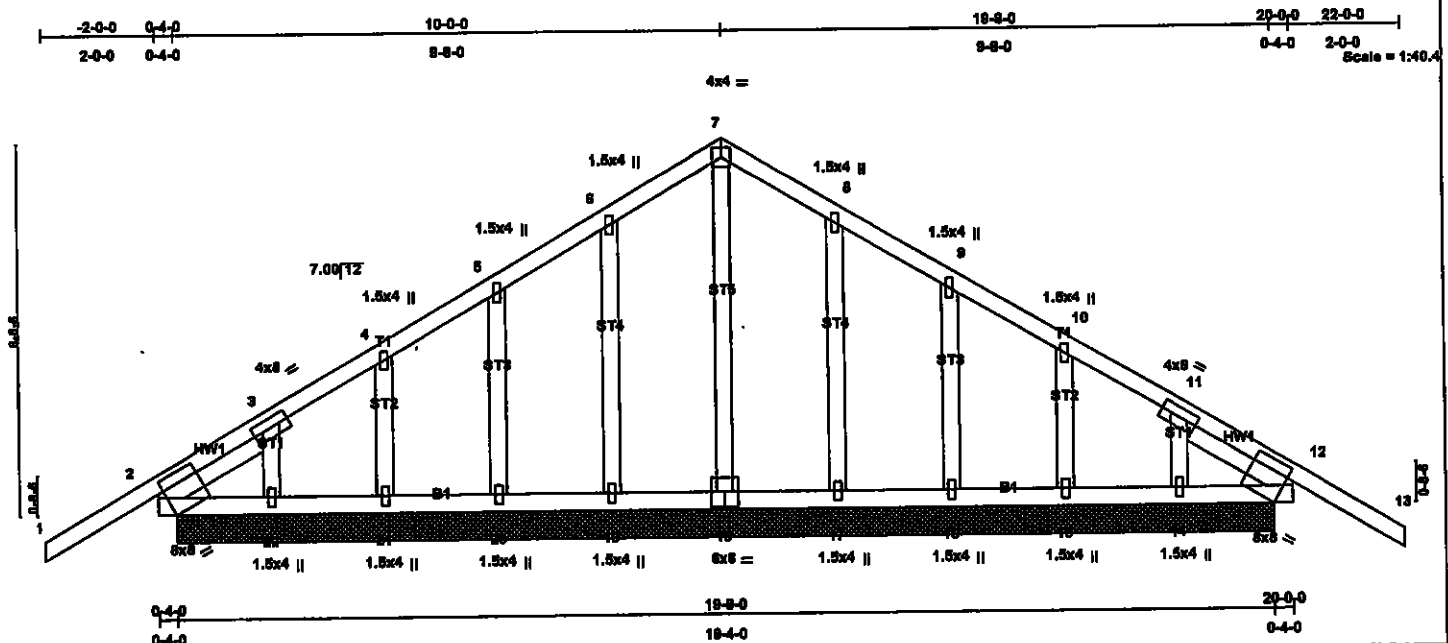


Plate Offsets (X,Y): [2:0-1-11,0-2-15], [8:0-3-0,0-1-0], [9:0-3-0,0-1-0], [10:0-3-0,0-1-0], [11:0-2-0,0-2-0], [12:0-1-11,0-2-15], [14:0-2-0,0-1-0], [15:0-2-0,0-1-0], [16:0-2-0,0-1-0], [17:0-2-0,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.81	Vert(LL)	n/a	-	n/a	999	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.20	Vert(TL)	-0.09	13	>260	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.15	Horz(TL)	0.01	12	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95		(Matrix)						Weight: 95 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
OTHERS 2 X 4 SPF Stud
SLIDER Left 2 X 4 SPF Stud 2-2-3, Right 2 X 4 SPF Stud 2-2-3

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

REACTIONS (lb/size) 2=391/19-4-0, 18=191/19-4-0, 19=220/19-4-0, 20=217/19-4-0, 21=235/19-4-0, 22=121/19-4-0, 17=220/19-4-0, 16=217/19-4-0, 15=235/19-4-0, 14=121/19-4-0, 12=391/19-4-0
Max Horz 2=-238(load case 8)
Max Uplift 2=-79(load case 8), 19=-70(load case 8), 20=-74(load case 8), 21=-85(load case 8), 22=-87(load case 10), 17=-66(load case 9), 16=-75(load case 9), 15=-85(load case 9), 14=-87(load case 10), 12=-125(load case 9)
Max Grav 2=547(load case 2), 18=191(load case 1), 19=312(load case 2), 20=293(load case 2), 21=323(load case 2), 22=158(load case 2), 17=312(load case 3), 16=293(load case 3), 15=323(load case 3), 14=158(load case 3), 12=547(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/109, 2-3=-215/170, 3-4=-148/143, 4-5=-102/137, 5-6=-91/172, 6-7=-96/205, 7-8=-96/203, 8-9=-91/145, 9-10=-93/80, 10-11=-87/48, 11-12=-162/86, 12-13=0/109
BOT CHORD 2-22=-28/176, 21-22=-28/176, 20-21=-28/176, 19-20=-28/176, 18-19=-28/176, 17-18=-28/176, 16-17=-28/176, 15-16=-28/176, 14-15=-28/176, 12-14=-28/176
WEBS 7-18=-151/0, 6-19=-271/84, 5-20=-256/99, 4-21=-272/104, 3-22=-157/80, 8-17=-271/90, 9-16=-256/101, 10-15=-272/103, 11-14=-157/72

NOTES

- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=8.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MITek "Standard Gable End Detail"
- 3) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 2, 70 lb uplift at joint 19, 74 lb uplift at joint 20, 85 lb uplift at joint 21, 87 lb uplift at joint 22, 66 lb uplift at joint 17, 75 lb uplift at joint 16, 85 lb uplift at joint 15, 87 lb uplift at joint 14 and 125 lb uplift at joint 12.
- 10) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

JOB	Truss	Truss Type	Qty	Ply	KRISTIN SHAY 4/22
1132714	GR1	GIRDER	1	4	Job Reference (optional)
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:48:57 2004 Page 1		

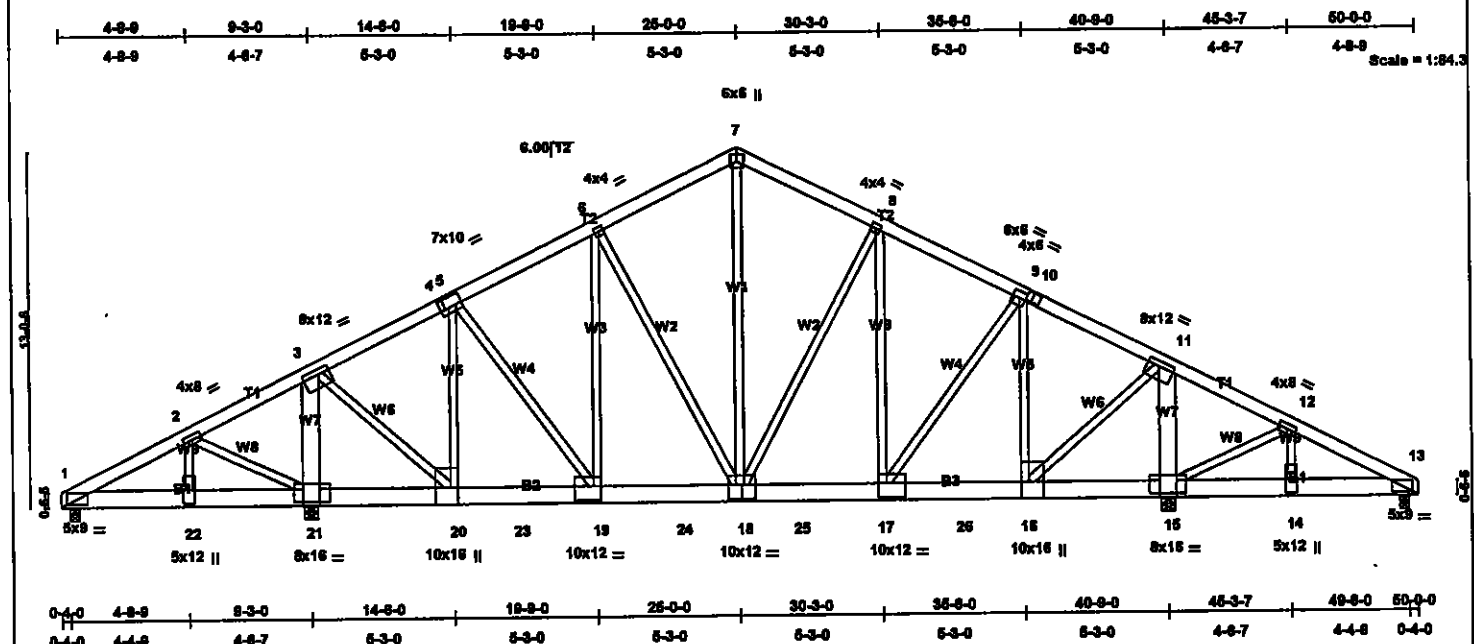


Plate Offsets (X,Y): [3:0-3-0,0-2-4], [4:0-2-8,0-4-8], [10:0-2-8,0-2-0], [11:0-5-0,0-2-4], [15:0-4-4,0-5-12], [16:0-7-4,Edge], [17:0-3-8,0-6-4], [18:0-8-0,0-8-4], [19:0-3-8,0-6-4], [20:0-7-4,Edge], [21:0-4-4,0-5-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.39	Vert(LL)	-0.21 18-19	>999	240	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.82	Vert(TL)	-0.28 18-19	>999	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.92	Horz(TL)	0.04 13	n/a	n/a		
BCDL 10.0	Code IBC2000/ANSI95		(Matrix)					Weight: 1613 lb	

LUMBER
TOP CHORD 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP No.1
WEBS 2 X 4 SPF Stud *Except*
W7 2 X 8 SYP No.1, W8 2 X 4 SPF 2100F 1.8E
W4 2 X 4 SPF No.2, W3 2 X 4 SPF No.2, W2 2 X 4 SPF No.2
W1 2 X 4 SPF 1650F 1.5E, W2 2 X 4 SPF No.2
W3 2 X 4 SPF No.2, W4 2 X 4 SPF No.2
W6 2 X 4 SPF 2100F 1.8E, W7 2 X 8 SYP No.1

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 20-21,15-18.

REACTIONS (lb/size) 1=3178/0-4-0, 13=3189/0-4-0, 21=32827/0-6-0, 15=32811/0-6-0
Max Horz 1=270(load case 7)
Max Uplift 1=408(load case 8), 13=412(load case 8), 21=4444(load case 7), 15=4395(load case 8)
Max Grav 1=4214(load case 2), 13=4228(load case 3), 21=42578(load case 2), 15=42556(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-871/130, 2-3=-967/8185, 3-4=-14707/1570, 4-5=-14411/1573, 5-6=-19442/2099, 6-7=-17652/2008, 7-8=-17752/1994, 8-9=-19427/2102, 9-10=-14430/1555, 10-11=-14726/1552, 11-12=-861/8159, 12-13=-901/46
BOT CHORD 1-22=-149/764, 21-22=-149/764, 14-15=0/790, 13-14=0/790, 20-21=-7138/970, 20-23=-1278/12944, 19-23=-1278/12944, 18-24=-1660/17259, 18-24=-1660/17259, 18-25=-1571/17246, 17-25=-1571/17246, 17-26=-1156/12962, 16-26=-1156/12962, 15-16=-7114/920
WEBS 2-22=-698/7340, 2-21=-8881/1004, 3-21=-28612/3036, 3-20=-2689/26695, 5-20=-8676/938, 5-19=-684/7424, 6-19=-311/3068, 6-18=-3147/468, 7-18=-1615/14838, 8-18=-2994/470, 8-17=-316/2899, 9-17=-706/7372, 9-16=-8619/903, 11-16=-2644/26687, 11-15=-28602/2988, 12-15=-8884/1006, 12-14=-699/7343

NOTES
1) 4-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 8 - 4 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc.
Attach chords with 1/2 inch diameter bolts (ASTM a-307) with washers at 2-0-0 on center.
2) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
4) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 21, 15 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 408 lb uplift at joint 1, 412 lb uplift at joint 13, 4444 lb uplift at joint 21 and 4395 lb uplift at joint 15.

LOAD CASE(S) Standard
Continued on page 2

Job 1132714	Truss GR1	Truss Type GIRDER	Qty 1	Ply 4	KRISTIN SHAY 4/22 Job Reference (optional)
----------------	--------------	----------------------	----------	----------	---

84 Components, Pennington, NJ 08534

5.200 s Sep 15 2003 MITek Industries, Inc. Mon May 03 16:48:57 2004 Page 2

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-7=-90, 7-13=-90, 1-20=-1351(F=-1331), 13-16=-1351(F=-1331), 20-23=-1391(F=-1331), 19-23=-1351(F=-1331), 19-24=-1391(F=-1331), 24-25=-1351(F=-1331), 17-25=-1391(F=-1331), 17-26=-1351(F=-1331), 16-26=-1391(F=-1331)

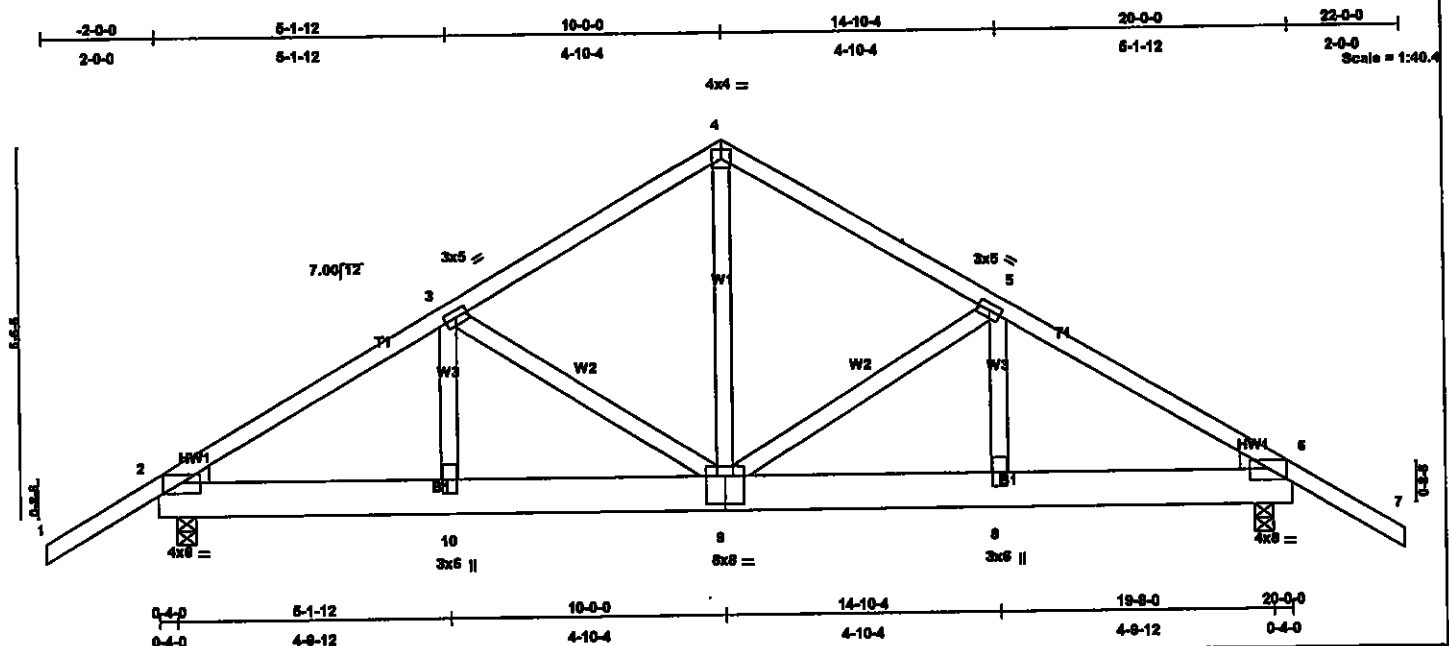


Plate Offsets (X,Y): [2:0-4-0,0-2-5], [6:0-4-0,0-2-5], [8:0-3-0,0-0-4], [9:0-4-0,0-6-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.47	Vert(LL)	-0.05	8-9	>999	240	M1120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.45	Vert(TL)	-0.09	8-9	>999	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.49	Horz(TL)	0.02	8	n/a	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)							
									Weight: 240 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 8 SYP No.1
 WEBS 2 X 4 SPF Stud
 WEDGE
 Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

BRACING
 TOP CHORD Sheathed or 5-11-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=2555/0-4-0, 6=2555/0-4-0
 Max Horz 2=-234(load case 5)
 Max Uplift 2=477(load case 7), 6=477(load case 8)
 Max Grav 2=3266(load case 2), 6=3266(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/129, 2-3=-4166/464, 3-4=-2807/415, 4-5=-2807/416, 5-6=-4166/466, 6-7=0/129
 BOT CHORD 2-10=-399/3351, 9-10=-399/3351, 8-9=-291/3351, 6-8=-291/3351
 WEBS 3-10=-59/932, 3-9=-1287/249, 4-9=-280/2255, 5-9=-1287/252, 5-8=-56/932

NOTES

- 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 8 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-98; 100mph; h=22ft; TCDL=9.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.
- This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 477 lb uplift at joint 2 and 477 lb uplift at joint 6.
- Load case(s) 9 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

- Snow: Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: 1-4=-90, 4-7=-90, 2-6=-150(F=-130)
- IBC Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: 1-2=-150, 2-4=-30, 4-6=-30, 6-7=-150, 2-6=-79(F=-59)

JOB 1132714	Truss H3	Truss Type HP END	Qty 2	Ply 1	KRISTIN SHAY 4/22
84 Components, Pennington, NJ 08534			5.200 s Sep 15 2003 Mitek Industries, Inc. Mon May 03 16:48:59 2004 Page 1		

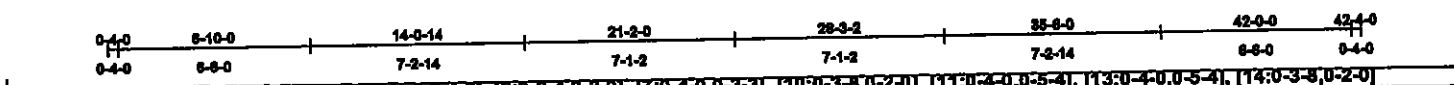
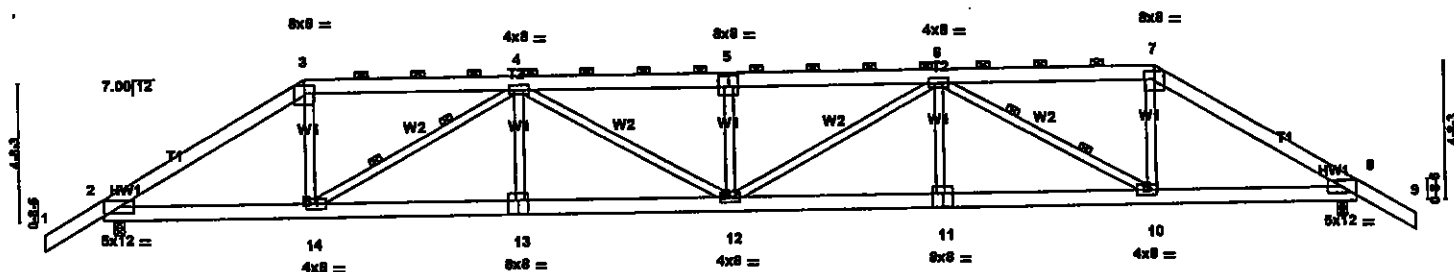
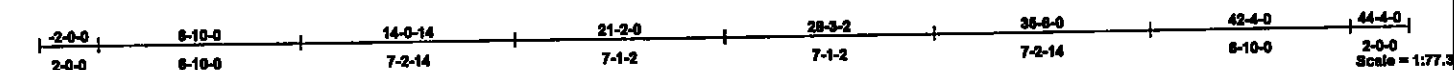


Plate Offsets (X,Y): [3:0-4-0,0-3-3], [5:0-4-0,0-4-8], [6:0-2-4,0-2-0], [7:0-4-0,0-3-3], [10:0-3-8,0-2-0], [11:0-4-0,0-5-4], [13:0-4-0,0-5-4], [14:0-3-8,0-2-0]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.94	Vert(LL)	-0.51	12	>980	M120	197/144
TCDL 15.0	Lumber Increase	1.15	BC 0.73	Vert(TL)	-0.79	12	>641		
BCLL 0.0	Rep Stress Incr	YES	WB 0.81	Horz(TL)	0.20	8	n/a		
BCDL 10.0	Code	IBC2000/ANSI95	(Matrix)						
								Weight: 246 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 1650F 1.5E	TOP CHORD Sheathed or 3-8-8 oc purlins, except
BOT CHORD 2 X 6 SYP SS	2-0-0 oc purlins (2-10-8 max.): 3-7.
WEBS 2 X 4 SPF Stud *Except*	BOT CHORD Rigid ceiling directly applied or 7-8-2 oc bracing.
W2 2 X 4 SPF No.2, W2 2 X 4 SPF No.2	WEBS 2 Rows at 1/3 pts 4-14, 6-10
W2 2 X 4 SPF No.2	

WEDGE
Left: 2 X 4 SPF Stud, Right: 2 X 4 SPF Stud

REACTIONS (lb/size) 2=2505/0-4-0, 8=2505/0-4-0
Max Horz 2=164(load case 7)
Max Uplift 2=425(load case 7), 8=425(load case 6)
Max Grav 2=3384(load case 2), 8=3384(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/132, 2-3=-5175/793, 3-4=-4256/726, 4-5=-7618/1317, 5-6=-7618/1317, 6-7=-4256/726, 7-8=-5175/793, 8-9=0/132
BOT CHORD 2-14=-717/4196, 13-14=-1199/6820, 12-13=-1200/6818, 11-12=-1116/6818, 10-11=-1115/6820, 8-10=-554/4196
WEBS 3-14=-253/1799, 4-14=-3246/710, 4-13=0/276, 4-12=-230/1102, 5-12=-900/276, 6-12=-232/1102, 6-11=0/276, 6-10=-3246/709, 7-10=-253/1799

- NOTES
- 1) Wind: ASCE 7-98; 100mph; h=22ft; TCDL=8.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) TCLL: ASCE 7-98; Pf=30.0 psf (roof snow); Exp C; Fully Exp.; L= 45-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table 1607.1 of IBC-00.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 425 lb uplift at joint 2 and 425 lb uplift at joint 8.
 - 9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Kristi Shay New Commercial Building

CERTIFICATE OF APPROVAL FOR TENNANT FIT UP AND COMMERCIAL

Location 1683 Rt 88 Block 835 Lot 21

Final Inspections needed if applicable as follows:

1. Final Building
2. Final Plumbing
3. Final Electric
4. Final Fire
5. Certificate of Compliance BTMUA
6. Final Engineering
7. Ocean County Soil
8. Affordable Housing

Report of Compliance from Ocean County Soils needed when; more than 5000 sq ft are disturbed. NEW COMMERCIAL Building that have been approved by PLANNING BD or BD OF ADJUSTMENT always need soil report.

FINALS	FINALS	FINALS
BUILDING.....	✓ APPROVED.....	1/19/05
PLUMBING.....	✓ APPROVED.....	1/14/05
FIRE.....	✓ APPROVED.....	1/12/05
ELECTRIC.....	✓ APPROVED.....	1/12/05
ENGINEERING.....	APPROVED.....	TCO until 4/15/05 ✓
O.C.SOIL.....	✓ APPROVED.....	1/12/05
COMMERCIAL OCCUPANCY CARD.....		n/a
C.C. FROM B.T.M.U.A.....	✓ 1/18/05 ✓	
CALL THE WATER CO. BTMUA 458-7000 EXT. 224 OR 225 ASK WHETHER A C.C. IS NEEDED.		

AFFORDABLE HOUSING ✓ 1/18/05
ALL COMMERCIAL APPLICATIONS MUST BE REVIEWED BY AFFORDABLE HOUSING BEFORE A C/A OR C/O IS ISSUED. SECOND HALF OF PAYMENT IS DUE AT THIS TIME.

INSPECTOR:

K Shaffer

DATE:

4-18-05

JOB:

Kristy Shaffer
Mech Bldg
@ R+88 Spc

SECTION:

Forge Bul

TYPE OF WORK:

Final/Re Imp Temp

WEATHER:

Sunny

LOCATION:

1683 R+88 W

TEMPERATURE:

70°

BLOCK:

835

LOT:

25

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:

*14 (A) FABC overlay & Parking lot not done (B) R+88 Shoulder for total road reconstruct @ Edge Overlay req. Spoke to Sam K. He is still awaiting JCP&L pole relocation. Will refer to EC/JP of Extension. Recommended contr secure Schedule letter from JCP&L

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: R. Capozzi

DATE: 11/11/05

JOB: Krute Shy SECTION: Forge Pond

TYPE OF WORK: Final ICO

WEATHER: Clear 60°

LOCATION: 1683 Rt 88 W

TEMPERATURE: 60°

BLOCK: 835

LOT: 25

**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:

RECOMMENDATIONS:

☐ TEMP. C.O.

☒ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

PLANNING BOARD ENGINEER

ECG

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.

Township of Brick

Counter Form
(PLEASE PRINT)

Update

Site Location: 1683 Rt 88
 Block: 835 Lot: 21
 Owner's Name: Kristi Shay Construction
 Owner's Mailing Address: 63 Channel Drive
Brick NJ
 Phone: (732) 477-4665

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
☐ Fireplace wd/gas

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: \$ _____

Cost of Site Work \$ _____

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: Dickson Electric
 Address: 2597 Old Hooper Ave
Brick NJ, 08723
 Phone#: 732-920-6441
 Lis #: 8392
 Federal Emp # or SSN 22-2707689

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 2 - 30A 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 4 - 125A AMP
 Motor Control Center _____ AMP
 Sign/Outline Light _____ KW
 Furnace _____
 Steam Boiler _____
 Other: _____

Estimated Cost of Electrical Work: \$500

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: James C. Dickson

Please Print Name James C. Dickson

CONTRACTOR'S SEAL

04-28267E

Township of Brick
Counter Form
(PLEASE PRINT)

Change of
Contractor

only
update

Site Location: 1683 Rt 88 BRICK NJ
Block: 835 Lot: 21 THRU 26
Owner's Name: KRISTI-SHAY CONSTRUCTION
Owner's Mailing Address: 63 CHANNEL DR - BRICK NJ 08723
Phone: (732) 477-4665

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
☐ Fireplace wd/gas

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: \$ _____

Cost of Site Work \$ _____

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: COMMUNICATIONS TECHNOLOGIES + CONSULTING
Address: 516 RIVERSIDE AVE
TOMS RIVER NJ 08754
Phone#: 732-300 9864
Lis #: 785
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
Sprinkler System _____
Service _____ AMP
Subpanel _____ AMP
Motor Control Center _____ AMP
Sign/Outline Light _____ KW
Furnace _____
Steam Boiler _____
Other: _____

Estimated Cost of Electrical Work: 2500.00

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: Peter J Marciniak

Please Print Name PETER J MARCINIAK

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 _____ No. of outlets _____	
Fuel Oil Piping _____	
Water Heater _____	
Steam Boiler _____	
Hot Water Boiler _____	
Sewer Pump _____	
Interceptor/Separator _____	
Backflow Preventer _____	
Greasetrap _____	
Air Conditioner (Condensate Drain) _____ Tons _____	
Septic Tank Closure _____	
Sewer Service Connection _____	
Water Service Connection _____	
Active Solar System _____	
Auxiliary Meter _____	
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: _____

Tank Removal	capacity	fuel
Flammable Storage Tanks _____		
Combustible Storage Tanks _____		
LPG Storage Tanks _____		

Item	Quantity
Wet Sprinkler Heads _____	
Dry Sprinkler Heads _____	
Total _____	

Smoke Detectors _____
CO Detectors _____
Heat Detectors _____
Total _____

Stand Pipes _____
Kitchen Hood Exhaust System Commercial _____

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)

update
64-2826+B

Site Location: 1683 Rt. 88 Brick NJ
Block: 835 Lot: 21-25
Owner's Name: Kristi Shay Construction, Inc.
Owner's Mailing Address: 63 Channel Dr. Brick NJ 08723
Phone: (732) 477-4665

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
☐ Fireplace wd/gas

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: \$ _____
Cost of Site Work \$ _____
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	_____
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	KW
Transformer/Generator	AMP
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: BODE Mechanical
Address: 312 Hayes Ave
Bayville, N.J. 08721
Phone #: 732-237-3300
Lis #: BTO-8957
Federal Emp # or SSN 22-3640638

Technical Data

Fixtures

Quantity

Water Closets (Toilet) _____
Urinals/Bidets _____
Bath Tub (w/or w/out shower head) _____
Lavatory (BR Sink) _____
Shower _____
Floor Drain _____
Sink 3-Step 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

\$1,500

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: Mark S BODE

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)

7C
update
04-28-26

Site Location 1683 Route 88
Block 835 Lot 21
Owner's Name Kristi Shay Construction
Owner's Mailing Address 63 Channel Dr
Brick NJ 08723
Phone (732) 477-4665

BUILDING

Contractor _____
Address _____
Phone# _____
Lic # _____
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
☐ Fireplace wd/gas

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 \$ _____
Cost of Site Work \$ _____
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 Dickson Electric
Address 2597 Old Hooper Ave
Brick NJ, 08723
Phone# 732 920-6441
Lic # 8392
Federal Emp # or SSN 22 2707689

Technical Data

Item	Quantity
Lighting Fixtures	
Receptacles	
Switches	
Detectors	
Light Poles	
Motors w/ Fract HP	
Emergency & Exit Lights	
Communication Points	<u>16</u>
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 _____

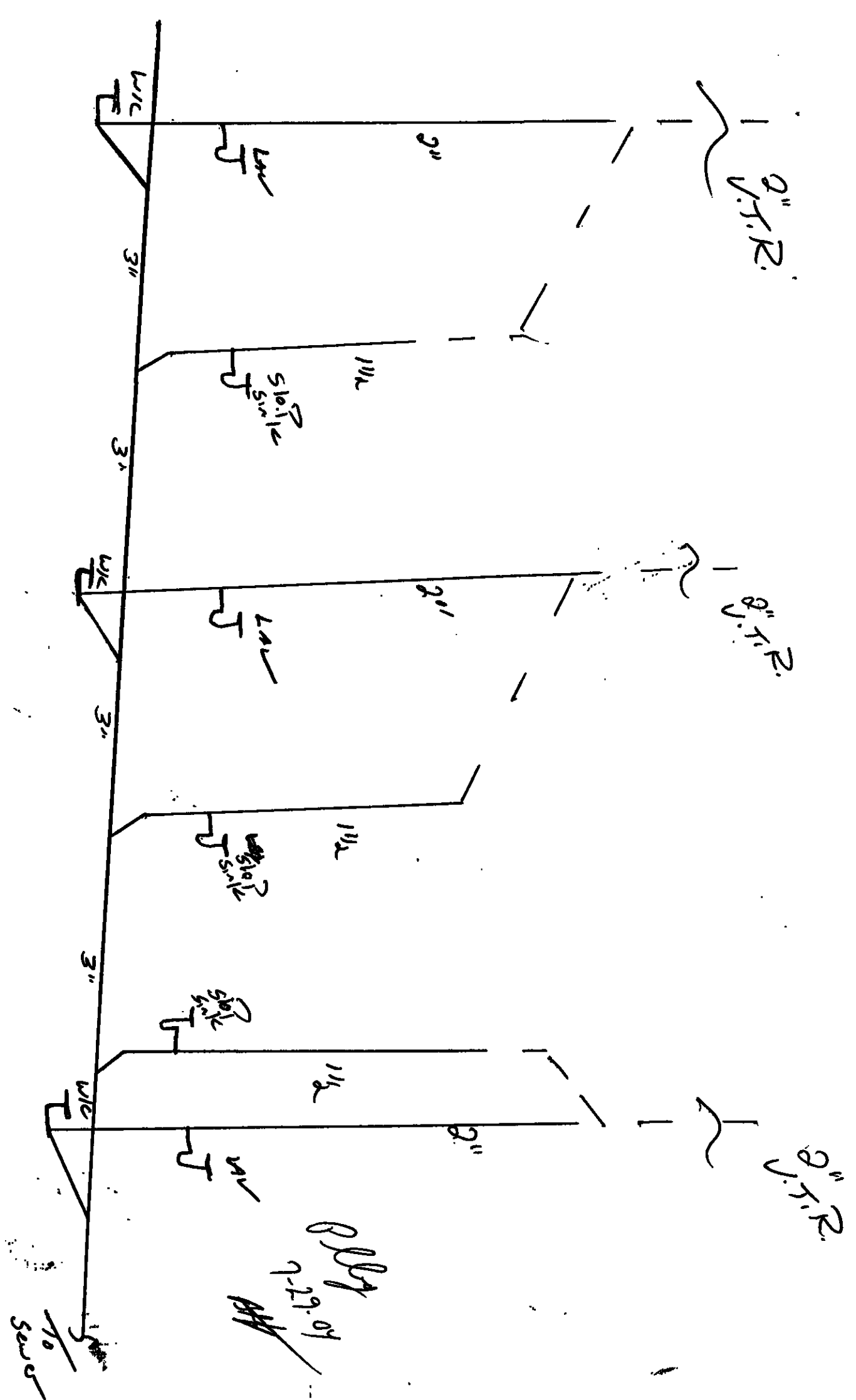
Estimated Cost of Electrical Work \$1,500

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 James C Dickson
Please Print Name James C Dickson

CONTRACTOR'S SEAL

~~Handwritten signature~~



Put in
7/27/00

UPDATE 022-00
DATE
INITIALED BY
FOR

Township of Brick
Counter Form
(PLEASE PRINT)

Site Location: 1683 Rt 88
Block: 835 Lot: 21-25
Owner's Name: Rusti Shay Construction
Owner's Mailing Address: 63 Channel Dr
Brick NJ 08723
Phone: (202) 977-9665

BUILDING

Contractor:
Address:
Phone#:
Lis #
Federal Emp # or SSN

ELECTRICAL

Contractor: Dickson Electric
Address: 2597 Old Hooper Ave
Brick NJ, 08723
Phone#: 732-920-6441
Lis #: 8392
Federal Emp # or SSN 22-2707689

Technical Data

Description of Work:

Technical Data

Item	Quantity
Lighting Fixtures	40
Receptacles	30
Switches	30
Detectors	
Light Poles	3
Motors w/ Fract. HP	
Emergency & Exit Lights	12
Communication Points	
Alarm Devices/FAC Panel	
Total	

Type of Work

New Building Siding
Addition Fence
Alteration Pool
Roofing Demolition
Asbestos Abatement Sign
Fireplace wd/gas 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: \$
Cost of Site Work \$
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

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 3- 5KW KW
Space Heater/Air Handler 3- 1KW KW
Baseboard Heating KW
Motors 1+ HP
Transformer/Generator KW
Light Stander AMP
Service 400A 10 AMP
Subpanel 4 150A 10 AMP
Motor Control Center AMP
Sign/Outline Light 3- 1KW KW
Furnace
Steam Boiler
Other:

Estimated Cost of Electrical Work: \$35,000

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:
Please Print Name James C. Dickson

CONTRACTOR'S SEAL

Township of Brick

Counter Form
(PLEASE PRINT)

UPDATE TO
PERMIT #
04-2826

h

Site Location: 1683 RT 88

Block: 835 Lot: 21-25

Owner's Name: KRISTI-SHAY CONSTRUCTION

Owner's Mailing Address: 63 CHANNEL DR

ANICK NT 08723

Phone: (732) 477-4665

BUILDING

Contractor: KRISTI-SHAY CONSTRUCTION

Address: 63 CHANNEL DR

ANICK NT 08723

Phone#: 732 477-4665

Lis # 26379

Federal Emp # or SSN 22-3528180

Technical Data

Description of Work:

INTERIOR FRAMING -

9 CONSULTATION ROOMS

2 BATHROOMS RECEPTION AREA

WAITING AREA - OFFICE

Type of Work

New Building ☐ Siding ☐
Addition ☐ Fence ☐
☒ Alteration ☐ Pool ☐
Roofing ☐ Demolition ☐
Asbestos Abatement ☐ Sign ☐ sq ft
Fireplace wd/gas ☐

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: \$ 5,000.00

Cost of New Building: \$

Cost of Site Work \$

Total Cost of New Building Work: \$ 5,000.00

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: 

Please Print Name MICHAEL STUENKEL

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
Sprinkler System
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: BODE Mech
Address: 36 Hayes Ave
Bayville, NJ 08721
Phone #: 732-237-3200
Lis #: 8957
Federal Emp # or SSN 22-3640638

Technical Data

Fixtures	Quantity
Water Closets (Toilet)	<u>2</u>
Urinals/Bidets	
Bath Tub (w/or w/out shower head)	
Lavatory (BR Sink)	<u>2</u>
Shower	
Floor Drain	
Sink	<u>3107 2</u>
Dishwasher	
Drinking Fountain	
Washing Machine	
Hose Bib	
Gas Piping <u>1</u> No. of outlets	<u>2</u>
Fuel Oil Piping	
Water Heater	<u>2</u>
Steam Boiler	
Hot Water Boiler	
Sewer Pump	
Interceptor/Separator	
Backflow Preventer	
Greasetrap	
Air Conditioner (Condensate Drain)	<u>1</u>
Septic Tank Closure	
Sewer Service Connection	<u>1</u>
Water Service Connection	<u>Two (2) 1" line</u>
Active Solar System	
Auxiliary Meter	
Sump Pump	
Pool Heater	
Other:	

Estimated Cost of Plumbing Work 1500.00

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: [Signature]
Please Print Name: MARK S BODE

CONTRACTOR'S SEAL

FIRE

Contractor: KILIST-SHAG CONSTRUCTION
Address: 63 CHANNEL DR
BAICK NJ 08723
Phone #: 732 477-4665
Lis #: 26379
Federal Emp # or SSN 22-3528180

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: _____

Tank Removal _____
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 _____
CO Detectors _____
Heat Detectors _____
Total _____

Stand Pipes _____
Kitchen Hood Exhaust System Commercial _____

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: M/W HEATER

Estimated Cost of Fire 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: [Signature]
Print Name: MICHAEL STACHIO

TOWNSHIP OF BRICK
PLOT PLAN REVIEW
CHECK LIST

BLOCK 835 LOT 21+25 DATE RECEIVED _____

PROPERTY ADDRESS 1683 RT 88

APPLICANT Kristi Shay Construction Inc PHONE 732 477-4665

ADDRESS 63 Channel Dr Brick Nj 08723

CONTRACTOR Kristi Shay Construction PHONE 732 477-4665

ADDRESS 63 Channel Dr Brick Nj 08723

TYPE OF WORK PROPOSED BLDG ZONING APPROVAL _____

FLOOD ZONE NO FLOOD ELEVATION _____

PANEL # _____ MAP # _____ DATE _____

PLANNING BOARD/BOARD OF ADJUSTMENT APPROVAL YES _____ NO _____

		YES	NO	N/A
1.	PLAN SIGNED & SEALED			
2.	SCALE OF NOT LESS THAN 1"-50"			
3.	EXISTING ELEVATIONS (NGVD IN FLOOD ZONES)			
4.	PROPERTY LINES, CORNERS, BEARINGS & DISTANCES			
5.	STREET GUTTER, CURB & CENTER LINE ELEVATIONS			
6.	CONTOURS 1' INCREMENTS			
7.	ADJACENT DWELLING CORNERS & CORNER ELEVATIONS			
8.	PROPOSED GRADING/ELEVATIONS			
9.	GARAGE/ST FLOOR/CRAWL SPACE/BASEMENT ELEVATIONS			
10.	PROPOSED DWELLING, DIMENSIONS & CORNER ELEVATIONS			
11.	METHOD OF DRAINAGE			
12.	NORTH ARROW			
13.	DRIVEWAY WIDTH/TYOE			
14.	DIMENSIONS/ACREAGE OF PARCEL/SETBACK LINES			
15.	PROPERTY ADDRESS/LOT AND BLOCK NUMBER			
16.	SIDEWALK, CURB AND APRONS			
17.	PARKING AREAS			
18.	UTILITY AND CONNECTIONS; WATER/SEWER/GAS/ELECTRIC			
19.	PLANTINGS, SEEDLINGS, SCREENINGS, FENCES, SIGNS			
20.	STREET WIDTH, STREET NAME, RIGHT-OF-WAY WIDTH			
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			

PLOT PLAN REVIEW:

APPROVED X REJECTED _____ SIGNED [Signature] DATE 4/23/04

REVISION:

APPROVED _____ REJECTED _____ SIGNED _____ DATE _____

COMMENTS: _____

COMMERCIAL

Township of Brick
Counter Form
(PLEASE PRINT)

JA

Site Location: 1683 RT 88
 Block: 835 Lot: 21-25
 Owner's Name: KHISTI-SHAH. CONSTRUCTION
 Owner's Mailing Address: 63 CHANNON BL
BRICK NJ 08723
 Phone: (732) 477-4665

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
☐ Fireplace wd/gas	

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: \$ _____

Cost of Site Work \$ _____

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	_____
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: BODE Mark
Address: 312 Hayes Ave
Bayville N.J. 08721
Phone #: 732-237-3300
Lic #: BTD-8957
Federal Emp # or SSN 22-3640638

Technical Data

Fixtures	Quantity
Water Closets (Toilet)	<u>6</u>
Urinals/Bidets	
Bath Tub (w/or w/out shower head)	
Lavatory (BR Sink)	<u>6</u>
Shower	
Floor Drain	
Sink	
Dishwasher	
Drinking Fountain	
Washing Machine	
Hose Bib	<u>2</u>
Gas Piping	<u>1</u>
Fuel Oil Piping	
Water Heater	<u>1</u>
Steam Boiler	
Hot Water Boiler	
Sewer Pump	
Interceptor/Separator	
Backflow Preventer	
Greasetrap	
Air Conditioner (Condensate Drain)	<u>1</u>
Septic Tank Closure	
Sewer Service Connection	<u>1</u>
Water Service Connection	<u>1</u>
Active Solar System	
Auxiliary Meter	
Sprinkler Heads	
Sump Pump	
Pool Heater	
Other:	

Estimated Cost of Plumbing Work \$8,000⁰⁰

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: Mark S Bode

CONTRACTOR'S SEAL

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lic #: _____
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: 1683 RT 86
 Block: F35 Lot: 21.25
 Owner's Name: KRIST-SHAY CONSTRUCTION
 Owner's Mailing Address: 63 CHANNA DR
BRICK NJ 08723
 Phone: (732) 477-4665

BUILDING

Contractor: KRIST-SHAY CONSTRUCTION
 Address: 63 CHANNA DR
BRICK NJ 08723
 Phone#: 732-477-4665
 Lis # 26379
 Federal Emp # or SSN 22-3528180

Technical Data

Description of Work:

NEW PROFESSIONAL MEDICAL BLDG
3 BATHS
CRAWLSPACE

Type of Work

☒ New Building ☐ Siding
☐ Addition ☐ Fence
☐ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign sq ft
☐ Fireplace wd/gas

Building Characteristics

Use Group Present: B Proposed:
 No of Stories: 1
 Height of Structure: 23'
 Area of the largest floor: 1271
 Area of New Structure: 3996
 Volume of New Structure:
 Total Land Disturbed: 3400.00 sq ft

Cost of Alteration: \$

Cost of New Building: \$ 120,000

Cost of Site Work \$

Total Cost of New Building Work: \$ 120,000.00

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: [Signature]

Please Print Name MICHAEL STURCHIO

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>

☒ (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

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Contractor: KRISTI-SHAY CONSTRUCTION
Address: 63 CHANNON PL
ANNICK NY 08723
Phone #: 732 477-4665
Lis #: 26378
Federal Emp # or SSN 22-3528180

Technical Data

Quantity

Fixtures

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

Technical Data

Description of Work:

Heating Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
Heating System is ☒ New ☐ Existing
Location of Furnace/Boiler: 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 _____
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) 3
Gas Fireplace _____
Gas Logs _____
Total Appliances 4

Wood Burning Stove _____
Wood Fireplace _____
Other: _____

H/W HEATER

Estimated Cost of Fire Work \$,000.00

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: [Signature]

Print Name: MICHAEL STUCHINO

BRICK TOWNSHIP PLANNING BOARD
PRELIMINARY AND FINAL SITE PLAN APPROVAL
WITH VARIANCES AND DESIGN WAIVERS

RESOLUTION R-7-02

PAGE 1

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

WHEREAS, PANDURANG R. MISKIN, having a mailing address of D 442 Commons Way, Toms River, New Jersey 08755, has applied to the Brick Township Planning Board for preliminary and final site plan approval pursuant to N.J.S.A. 40:55D-46, 50, 51, 60 and 70; and

WHEREAS, proof of service as required by law upon appropriate property owners and governmental bodies has been furnished and determined to be in proper order; and

WHEREAS, public hearings were held on September 26, 2001 and December 12, 2001 in the Municipal Building, at which time testimony and exhibits were presented on behalf of the applicant, and all interested parties having been heard; and

WHEREAS, the Board makes the following factual findings and findings of law:

1. This property is known and designated as Block 835, Lots 21 and 25, on the Municipal Tax Map.
2. The property is located in the B-1 Business Zone.
3. The applicant proposes the construction of a 3,996 square foot medical facility building which will serve three (3) tenants. The proposed preliminary and final site plan is shown on plans entitled, "Preliminary and Final Major Site Plan, Route 88 Professional Medical Building, Lots 21 & 25, Block 835, Township of Brick, Ocean County, New Jersey," dated 12/05/00, and last revised 10/12/01, consisting of five (5) sheets, as prepared by J.V. Morgan Engineering and Surveying. The property is located

RESOLUTION R-7-02

PAGE 2

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

on the northwesterly corner of New Jersey State Highway Route 88 and Laurelton Street. It is square having 150 feet frontage on New Jersey State Highway Route 88 and Laurelton Street making a total area of 22,500. The applicant had previously submitted a site plan that had the building being basically perpendicular to Route 88 and having its access on Laurelton Street. The Board having heard that testimony suggested that a better layout would have the building being parallel to Route 88 with its access from that road. The applicant did thereafter submit revised plans upon which the second hearing was conducted.

As a corner lot there are significant frontage requirements that impact this property so as to make the resulting permissible building envelope so small as to be commercially unfeasible. The applicant has reduced the proposed size of the building and has sought to bring it into as much conformance with the ordinance as is possible. He has also made significant beneficial changes with respect to landscaping, buffering, parking, circulation and site improvements. There were no objectors to the application.

4. Lynch, Giuliano and Associates prepared a report to the Board dated December 10, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

5. Michael P. Fowler, Municipal Planner, prepared a report to the Board dated December 11, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

6. The Bureau of Fire Safety prepared a report to the Board dated April 24, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

RESOLUTION R-7-02

PAGE 3

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

7. The Traffic Safety Officer prepared a report to the Board dated April 12, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

8. The Shade Tree Commission prepared a report to the Board dated May 14, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

9. The applicant seeks variances from the requirement that no driveway shall be located closer than 100 feet (90 feet is proposed) to an intersection of two public streets; that the minimum front yard setback for parking facilities is 20 feet (10 feet from Route 88 and 11 feet from Laurelton Street are proposed); that parking spaces shall be 10 x 20 (9 x 18 is proposed); that berming be provided to a minimum height of three feet; and that a screened refuse area/trash enclosure be installed (only indoor storage is proposed).

The driveway is set as far from the intersection as is possible and would therefore be an undue hardship to deny the variance for it would in effect deny the ability to build on this site. The 9 x 18 parking spaces are appropriate and will allow the site to have the 23 parking stalls that are required. To meet the minimum front yard setback and the berming requirement absolutely would interfere with the number of parking stalls. The applicant will install a one and one-half to two-foot berm on Route 88 plus a three-foot berm on appropriate portions of Laurelton Street as well as add landscaping wherever possible. The reduction in parking stall depth will also allow for provision of a six-foot sidewalk adjacent to the building. The Board is satisfied based upon the testimony that indoor storage is appropriate. Each of these variances is of a limited nature. The denial of them would render the site inutile and therefore create an undue hardship. They are

RESOLUTION R-7-02

PAGE 4

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

sufficiently nominal in nature, particularly given the applicant's concessions and improvements as well as the change in the plan that they do not do substantial detriment to the public good, zone plan or zoning ordinance. With these circumstances the variances may be granted.

10. The applicant seeks waivers from the requirement that there be a landscaped island for each row of ten or more parking stalls. This waiver is granted for if it were not a parking stall would be lost. The thirteen parking stalls are not so great that they need to be interrupted by a landscaped island. The applicant also seeks a waiver in that a thirty-foot buffer is required when adjacent to or across the street from a residential use. This requirement is operative because there is a residential use across the street. The applicant is however providing appropriate landscaping and berming and therefore this waiver may be granted. The applicant also seeks a waiver from the requirement that buffers of thirty feet or greater must have a triple row of evergreen plantings. The applicant will have a triple row of evergreens along a portion of the buffer but then utilize the existing vegetation along with a double row of planting. The existing wooded area is sufficient to allow this blending and therefore this waiver may be granted.

11. With the exception of the variances and the waivers which are granted hereinabove, the applicant has complied with the requirements of the site plan ordinance. The plan is consistent with the intent and purpose of the Master Plan and the Municipal Development Ordinance. Accordingly the Board finds that the benefits of the proposed development outweigh any detriments, and the relief requested can be granted without substantial detriment to the public good and will not substantially impair the intent and purpose of the Township Zoning Ordinance or Master Plan.

NOW, THEREFORE, BE IT RESOLVED by the Township Planning Board on this 9th day of January, 2002, that this application be approved subject to the following conditions:

1. The applicant shall comply with all standard Planning Board conditions for site plan approval as set forth on Attachment "A".

2. The applicant shall comply with all representations and agreements made by the applicant or its attorney during the presentation of this case.

3. The applicant shall comply with the following paragraphs contained in the report of Lynch, Giuliano and Associates dated December 10, 2001: 4, 5, 6 (paragraphs a, b and d), 7 (all paragraphs), 8 (all paragraphs), 9, 10, 11, 12 and 13.

4. The applicant shall comply with the following paragraphs contained in the report of Michael P. Fowler, Municipal Planner, dated December 11, 2001: V. Comments: A, B, C, D, I, K and L. The sign will not be illuminated and therefore will be consistent with the ordinance as noted in Comment F. The hours of operation will be 8:00 AM to 6:00 PM which responds to Comment G. The three condensers will be on the ground outside the structure, one on one side and two on the other side of the building (and none in the rear) and will be screened, which responds to Comment H.

5. The applicant shall comply with the comments contained in the report from the Bureau of Fire Safety dated April 24, 2001.

6. The applicant shall comply with the comments contained in the report from the Traffic Safety Officer dated April 12, 2001.

7. The applicant shall comply with the comments contained in the report from the Shade Tree Commission dated May 14, 2001.

RESOLUTION R-7-02

PAGE-6

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

8. The three sides of the building shall be covered with vinyl and the front of the building shall be covered with brick.

9. The existing trees including, but not limited to, the large evergreen tree along the Laurelton Street side of the site, shall be saved. If the northeast corner of the property begins to become bare, the applicant shall fill in any gaps with appropriate plantings to the satisfaction of the Planning Board Engineer or Planner.

10. The applicant shall provide proof of application for Title 39.

11. The applicant shall install hairpin striping for all parking stalls.

ATTACHMENT "A"

BRICK TOWNSHIP PLANNING BOARD

STANDARD CONDITIONS FOR SITE PLAN APPROVAL

RESOLUTION R-7-02

PAGE 7

CASE NO. 2356-PSP/FSP-2/01

1. Applicant shall obtain certification by the Local Soil Conservation District of a plan for soil erosion and sediment control in accordance with N.J.S.A. 4:24-39 et seq., commonly known as the "Soil Erosion and Sediment Control Act."

2. All materials, methods of construction and details shall be in conformance with the current "Engineering Specifications and Construction Details" of the Township of Brick, which are on file in the office of the Township Engineer.

3. Applicant shall obtain all approvals required by any Federal, State, County or Municipal agency having regulatory jurisdiction of this development. Upon receipt of such approval(s), the applicant shall supply a copy of the permit(s) to the Board. In the event that any other agency requires a change in the plans approved by this Board, the applicant must reapply to the Brick Township Planning Board for approval of that change.

4. Applicant shall resubmit this entire proposal for re-approval should there be any deviation from the terms and conditions of this Resolution or the documents submitted as part of this application, all of which are made a part hereof and shall be binding on the applicant.

5. Applicant shall provide a statement from the Brick Township Tax Collector that all taxes are paid in full as of the date of this Resolution and as of the date of the fulfillment of any condition(s) of this Resolution.

6. Prior to the issuance of a construction permit, the applicant shall furnish the Township Clerk with a cash bond and performance guarantee in an amount to be determined by the Township Engineer.

7. Applicant shall post an inspection fund with the Township Clerk in an amount to be determined by the Township Engineer.

RESOLUTION R-7-02

PAGE 7

CASE NO. PB-2356-PSP/FSP-2/01

January 9, 2002

MOVED BY: Mr. Scherer

SECONDED
BY: Mrs. LaDuke

VOTING IN THE
AFFIRMATIVE: Mr. Kelly, Mrs. LaDuke, Mr. Nerlick, Mr. Dockery,
Mr. Petoia, Mr. Reilly, Mr. Vespi, Mr. Higgins, Mr. Scherer

VOTING IN THE
NEGATIVE:

INELIGIBLE TO
VOTE: Mr. Fredo, Councilman Underwood

ABSTAINING:

ABSENT:

CERTIFICATION

I, JUDITH FOX NELSON, Clerk of the Planning Board of the Township of
Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing
resolution was duly ADOPTED by the said Planning Board of the Township of Brick at
a regular meeting held on the 9th day of January, 2002.

IN WITNESS WHEREOF, I have set my hand this 14th day of
January, 2002.


JUDITH FOX NELSON
Clerk of the Planning Board

8. No soil shall be removed from the site without the written approval of the Township Council.

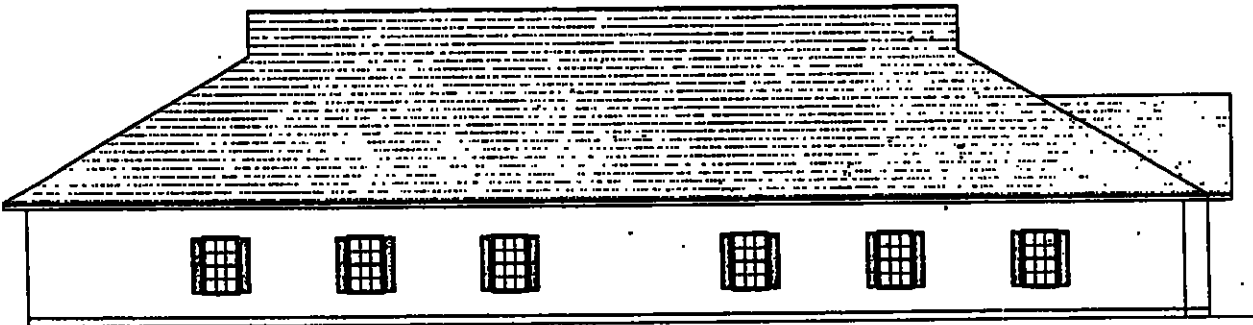
9. The applicant shall comply with all provisions and pay all fees established under Article VB (Mandatory Development Fees) of Chapter 190 of the Code of the Township of Brick.

10. For all residential uses the subdivider or site plan applicant shall provide for a trash receptacle.

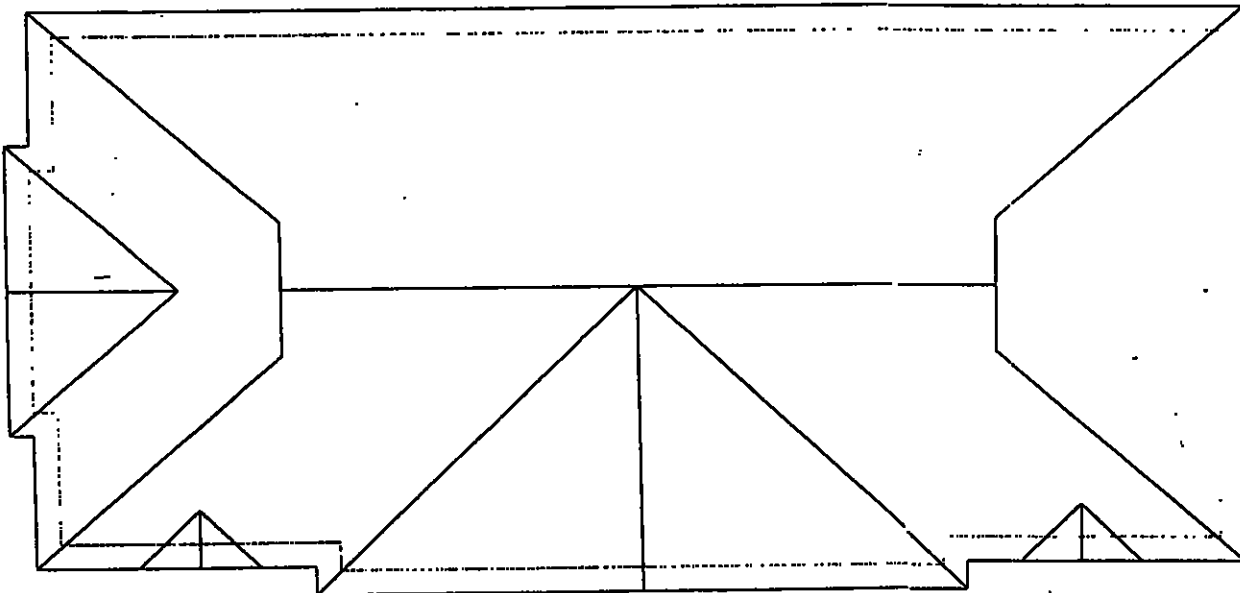
11. In order to insure uniformity of trash receptacles and compatibility with the automatic trash collection system, all trash can receptacles required herein shall be obtained from the Township of Brick.



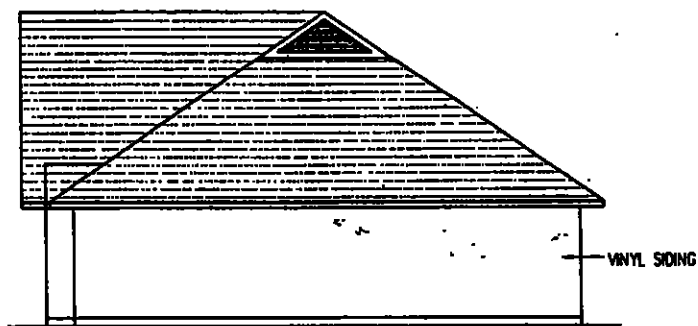
LEFT SIDE ELEVATION (SOUTH ELEVATION)
SCALE: 1/8" = 1'-0"



REAR ELEVATION (WEST ELEVATION)
SCALE: 1/8" = 1'-0"



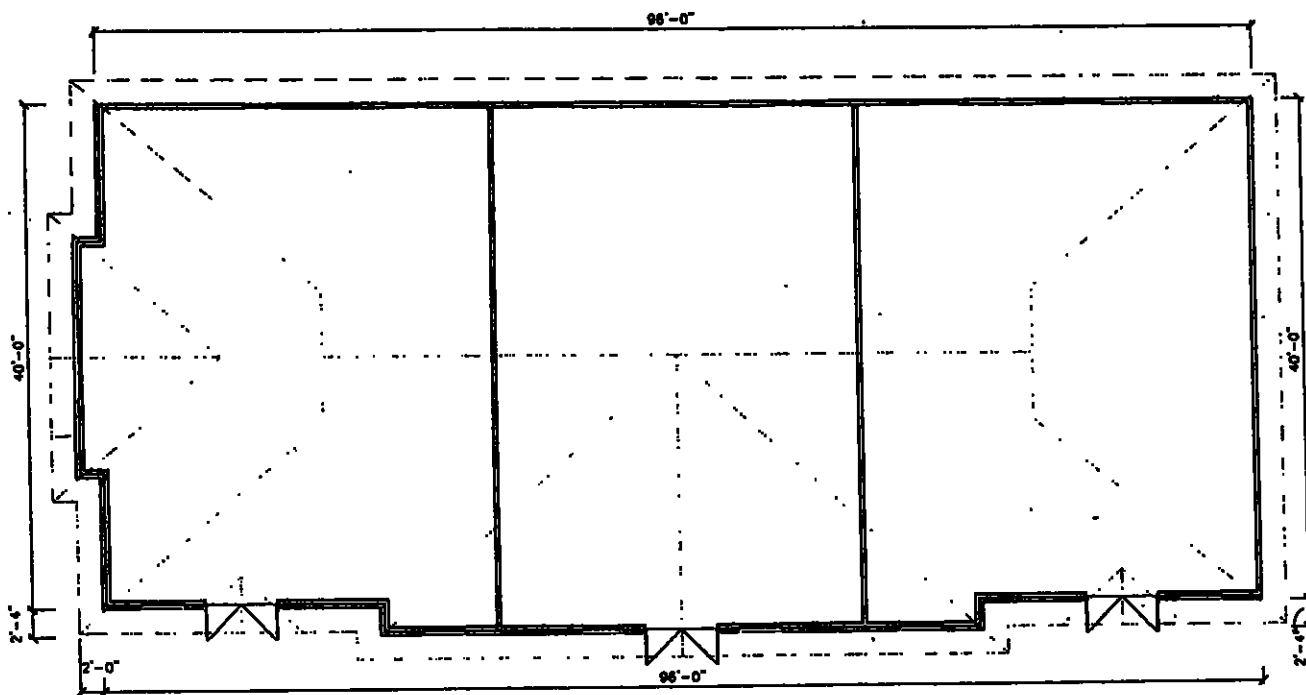
ROOF PLAN
SCALE: 1/8" = 1'-0"



RIGHT SIDE ELEVATION (NORTH ELEVATION)
SCALE: 1/8" = 1'-0"



FRONT ELEVATION (EAST ELEVATION)
SCALE: 1/8" = 1'-0"



FLOOR PLAN
SCALE: 1/8" = 1'-0"

RESOLUTION

PLANNING BOARD OF THE TOWNSHIP OF BRICK

Resolution R-6-04

Page 1 of 3

Case No. PB-2356-PSP/FSP-2/01-EXT-12/03

January 14, 2004

WHEREAS, the Brick Township Planning Board granted preliminary and final site plan approval with variances and waivers to PANDERANG MISKIN/PANGERSAN, LLC, Block 835, Lots 21 & 25, as designated on the official Tax Map of the Township of Brick, by Resolution R-7-02 adopted on January 9, 2002; and

WHEREAS, the applicant requested that the Planning Board grant a one-year extension of this approval; and

WHEREAS, the Planning Board has reviewed the efforts made by the developer to obtain all necessary other legal permits so as to effectuate the preliminary and final site plan approval with variances and waivers granted by Resolution R-7-02 and has determined from that history that the statutory provisions of N.J.S.A. 40:55D-49(c) are met and that therefore a one-year extension granted herein is appropriate.

NOW, THEREFORE, be it resolved by the Planning Board of the Township of Brick, on this 14th day of January, 2004, that the application of PANDERANG MISKIN/PANGERSAN, LLC for an extension of preliminary and final site plan approval with variances and waivers be granted, subject to the following conditions:

1. The applicants shall comply with all terms and conditions of Resolution R-7-02, which is incorporated and made part of this resolution.
2. Michael P. Fowler, AICP/PP, Planning Board Planner, prepared a report of December 17, 2003. The Board hereby adopts the

FILE
APP.
APP ATT
APP ENG
PB ATT
PB ENG
ZONING
TAX A
COMA
ENG

Resolution R-6-04

Page 2 of 3

Case PB-2356-PSP/FSP-2/01-EXT-12/03

January 14, 2004

findings in that report and incorporates that document into this resolution by reference.

3. The one-year extension granted by this resolution shall expire on January 9, 2005.
4. The applicant shall pay all real estate property taxes, through and including the calendar quarter of this resolution. If the applicant fails to pay these real property taxes within 30 days of the date of this resolution, then this Resolution shall be null and void.

Resolution R-6-04
Case PB-2356-PSP/FSP-2/01-EXT-12/03

Page 3 of 3
January 14, 2004

MOVED BY: Mr. Aiello

SECONDED
BY: Mr. Fredo

VOTING IN THE
AFFIRMATIVE: Mr. Vespi, Mr. Petoia, Mrs. LaDuke, Mr. Dockery,
Mr. Aiello, Mr. Reilly, Mr. Fredo, Mr. Gross

VOTING IN THE
NEGATIVE:

INELIGIBLE TO
VOTE: Mr. Brando

ABSTAINING: Councilwoman Seatunro

ABSENT:

CERTIFICATION

I, JUDITH FOX NELSON, Clerk of the Planning Board of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing resolution was duly **ADOPTED** by the said Planning Board of the Township of Brick at a regular meeting held on the 14th day of January, 2004.

IN WITNESS WHEREOF, I have set my hand this 16th day of

January, 2004.

Judith Fox Nelson
JUDITH FOX NELSON, Clerk
Planning Board of the Township of Brick