DATE 08/08/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027252

APPLICANT CHRIS NYE PHONE 904 497-3341

ADDRESS 679 BLACKSHEAR RD THOMASVILLE GA 31792

OWNER BRUCE PROVIN, JR PHONE 814 777-6343

ADDRESS 208 NW CANTON LANE LAKE CITY FL 32055

CONTRACTOR PENNYWORTH HOMES PHONE 229 225-1730

LOCATION OF PROPERTY 41N, TL ON MOORE RD, TR ON CIMARRON WAY, TR ON CANTON LANE, 2ND PLACE ON RIGHT, ADDRESS ON SIGN

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 124450.00

HEATED FLOOR AREA 1782.00 TOTAL AREA 2489.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 30

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. ____

PARCEL ID 14-3S-16-02117-207 SUBDIVISION MOORE HAVEN

LOT 7 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 5.64

		CRC058477		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	008-552	BK	WR	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: MFE @ 160.5' PER PLAT, ELEVATION CONFIRMATION LETTER REQUIRED AT SLAB, NOC ON FILE

Check # or Cash 1103

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by | Foundation ____ date/app. by | Monolithic ____ date/app. by

Under slab rough-in plumbing ____ date/app. by | Slab ____ date/app. by | Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by | Rough-in plumbing above slab and below wood floor ____ date/app. by

Electrical rough-in ____ date/app. by | Heat & Air Duct ____ date/app. by | Peri. beam (Lintel) ____ date/app. by

Permanent power ____ date/app. by | C.O. Final ____ date/app. by | Culvert ____ date/app. by

M/H tie downs, blocking, electricity and plumbing ____ date/app. by | Pool ____ date/app. by

Reconnection ____ date/app. by | Pump pole ____ date/app. by | Utility Pole ____ date/app. by

M/H Pole ____ date/app. by | Travel Trailer ____ date/app. by | Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 625.00 CERTIFICATION FEE $ 12.45 SURCHARGE FEE $ 12.45

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ ____

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** 724.90

INSPECTORS OFFICE ____ CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

1103

Columbia County Building Permit Application

For Office Use Only Application # 0807-52 Date Received 7/22 By JW Permit # 27252

Zoning Official BLK Date 05.08.08 Flood Zone X per plat FEMA Map # N/A Zoning A-3

Land Use A-3 Elevation N/A MFE 160.5' per plat River N/A Plans Examiner WR Date 8/5/8

Comments Elevation Conformation Letter Required at slab

☑ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☑ Letter of Authorization from Contractor on file

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. Fax 229-227-6191

Name Authorized Person Signing Permit CHRIS NYE Phone 229-225-1730 ext 202

(Chris' cell 504 497 3341)

Address Pennyworth Homes Inc 679 Blackshear Rd Thomasville GA 31792

Owners Name Bruce Provin, Jr. Phone 814-777-6343

911 Address 208 N.W. Canton Lane, Lake City, FL, 32055

Contractors Name Pennyworth Homes Inc - E.B. WALTON Phone 229-225-1730

Address 679 Blackshear Rd. Thomasville GA 31792

Fee Simple Owner Name & Address Same as owner

Bonding Co. Name & Address Fidelity Bonding Co. Baltimore, MD

Architect/Engineer Name & Address Sound Structures Engineering 2467 Centerville Rd. Tallahassee FL

Mortgage Lenders Name & Address Flagstar Bank,

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 14-3S-16-02117-207 Estimated Cost of Construction 202,000

Subdivision Name Moore Haven Lot 7 Block Unit Phase

Driving Directions 41-N NW Moore Rd, Right on Cimarron way Right on Canton Lane Oilmi and at 208 NW Canton Ln. on the R. - See Sign 2nd drive on right

Number of Existing Dwellings on Property 0

Construction of single family dwelling Total Acreage 5.640 Lot Size

Do you need a (Culvert Permit) or Culvert Waiver or (Have an Existing Drive) Total Building Height 30'

Actual Distance of Structure from Property Lines - Front 582' Side 35' Side 210' +/- Rear 75 +/-

Number of Stories 1 Heated Floor Area 1782 Total Floor Area 2489 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

JW CERT MESSAGE FOR CHRIS 8.5.08

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

_____
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

_____
Contractor's Signature (Permitee)

Contractor's License Number CRC058477
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20___.

Personally known_____ or Produced Identification_____

_____ **SEAL:**

State of Florida Notary Signature (For the Contractor)

0807-52

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Bruce Irvin Sammy Irvin
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee)

Contractor's License Number CRC058477
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 22 **day of** July **20**08.

Personally known ✓ **or Produced Identification** _____

Jason Bishop
State of Florida Notary Signature (For the Contractor)

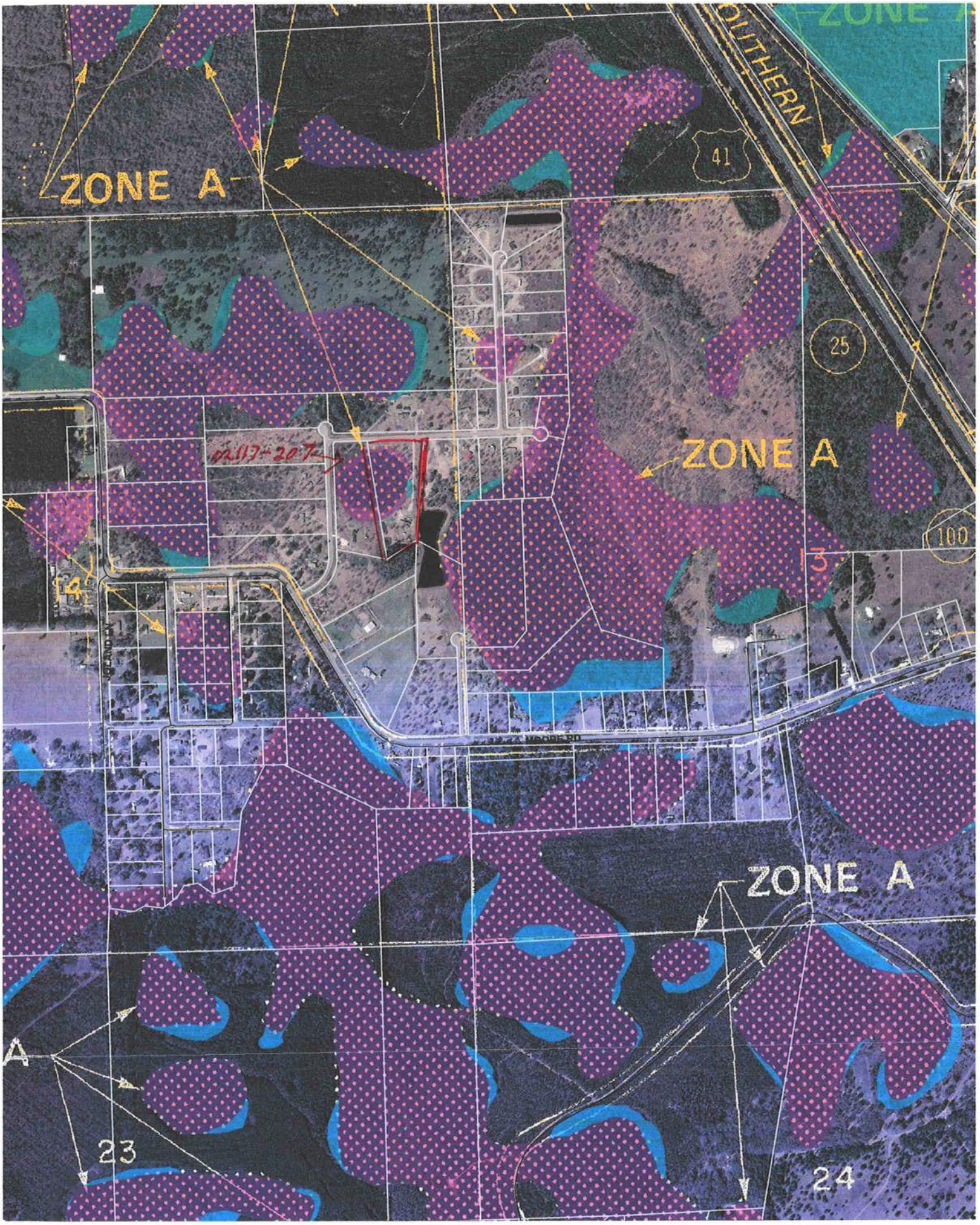
GEORGIA

SEAL:

JASON BISHOP NOTARY PUBLIC My Comm. Expires April 23, 2011 THOMAS COUNTY, GA.

Page 2 of 2 (Both Pages must be submitted together.)

Revised 1-10-08


ZONE A
SOUTHERN
41
25
ZONE A
02117-207
100
3
4
ISLAND DR
MOORE RD
ZONE A
A
23
24

This Instrument Prepared by & return to:
Name: ***KIM WATSON, an employee of TITLE OFFICES, LLC***
Address: ***343 NW COLE TERRACE, SUITE 101 LAKE CITY, FLORIDA 32055***
File No. 08Y-05042KW

Parcel I.D. #: ***02117-207***

SPACE ABOVE THIS LINE FOR PROCESSING DATA

Inst:200812012482 Date:7/1/2008 Time:2:11 PM
Doc Stamp-Deed:329.00
DC,P DeWitt Cason,Columbia County Page 1 of 1 B:1153 P:2086

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED *Made the* ***30th*** *day of* ***June****, A.D.* ***2008****, by* ***SISTERS II INVESTMENTS, LLC****, A FLORIDA LIMITED LIABILITY COMPANY, having its principal place of business at* ***2041 NW LAKE JEFFREY ROAD, LAKE CITY, FLORIDA 32055****, hereinafter called the grantor, to* ***BRUCE L. PROVIN, JR.*** *and* ***TAMMY L. PROVIN****, HIS WIFE, whose post office address is* 2511 Sandusky Ave E, Jacksonville, Florida 32216 *hereinafter called the grantees:*

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***Columbia County, State of Florida****, viz:*

Lot 7, MOORE HAVEN, according to the map or plat thereof as recorded in Plat Book 6, Page 198-199, of the Public Records of Columbia County, Florida.

Subject to: declaration of covenants, conditions and restrictions as recited on Special Warranty Deed recorded in Official Records Book 819 Page 553 and in Official Records Book 857 Page 655.

Together *with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.*

To Have and to Hold *the same in fee simple forever.*

And *the grantor hereby covenants with said grantees that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2008.*

In Witness Whereof, *the said grantor has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its proper officers thereunto duly authorized, the day and year first above written.*

Signed, sealed and delivered in the presence of:

Witness Signature
MARTHA BRYAN
Printed Name

Witness Signature
Kim Watson
Printed Name

SISTERS II INVESTMENTS, LLC
By: _____ *L.S.*
Name: ***LAURA R. NORRIS***
Title: Managing Member

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this ***30th*** *day of* ***June, 2008****, by* ***LAURA R. NORRIS*** *as* MGRM *of* ***SISTERS II INVESTMENTS, LLC****, A FLORIDA LIMITED LIABILITY CO. He (she) is personally known to me or has produced* _____ *as identification.*

Notary Public
My commission expires _____

MARTHA BRYAN
Commission DD 675924
Expires August 10, 2011
Bonded Thru Troy Fain Insurance 800-385-7019

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
343 NW COLE TERRACE
SUITE 101
LAKE CITY, FLORIDA 32055

Parcel I.D. #: ***02117-207***

Inst.200812012485 Date.7/1/2008 Time 2:11 PM
DC P DeWitt Cason Columbia County Page 1 of 2 B:1153 P:2099

087-0043

SPACE ABOVE THIS LINE FOR PROCESSING DATA — SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

   208 NW CANTON LANE, LAKE CITY, FLORIDA 32025
   Lot 7, MOORE HAVEN, according to the map or plat thereof as recorded in Plat Book 6, Page 198-199, of the Public Records of Columbia County, Florida.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:
   a. Name and address:
      BRUCE L. PROVIN, JR. and TAMMY L. PROVIN
      2511 SANDUSKY AVENUE, JACKSONVILLE, FLORIDA 32216
   b. Interest in property: **Fee Simple**
   c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)
   PENNYWORTH HOMES, INC.

5. Surety (if any):
   a. Name and Address:
      Telephone Number: ____________________
   b. Amount of Bond $____________________

6. Lender: (Name and Address)
   WALTER CAPITAL CORPORATION
   679 BLACKSHEAR ROAD, THOMASVILLE, GA 31792

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: (Name and Address)
   N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
   PREMIER BANK, P.O. BOX 3606, TALLAHASSEE, FLORIDA 32315-3606

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) ____________________.

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature of Owner(s) or Owner's Authorized Officer/Director/Partner/Manager:

____________________ {SEAL}
BRUCE L. PROVIN, JR.

____________________ {SEAL}
TAMMY L. PROVIN

The foregoing instrument was acknowledged before me this **30th** day of **June, 2008**, by **BRUCE L. PROVIN, JR.** and **TAMMY L. PROVIN**, who are personally known to me or who have produced drivers license as identification.

Notary Public
My Commission Expires: _____

MARTHA BRYAN
Commission DD 675924
Expires August 10, 2011
Bonded Thru Troy Fain Insurance 800-385-7019

Columbia County Property Appraiser

DB Last Updated: 4/15/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 14-3S-16-02117-207

Search Result: 1 of 1

Owner & Property Info

Owner's Name	SISTERS II INVESTMENTS LLC		
Site Address	CANTON		
Mailing Address	2041 NW LAKE JEFFREY RD LAKE CITY, FL 32055		
Use Desc. (code)	VACANT (000000)		
Neighborhood	14316.04	**Tax District**	3
UD Codes	MKTA03	**Market Area**	03
Total Land Area	5.640 ACRES		
Description	LOT 7 MOORE HAVEN S/D. ORB 819-553, 966-799, CT 1126- 2262.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (2)	$27,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$27,000.00

Just Value	$27,000.00
Class Value	$0.00
Assessed Value	$63,275.00
Exempt Value	$0.00
Total Taxable Value	$63,275.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
7/18/2007	1126/2262	CT	I	U	01	$37,500.00
10/22/2002	966/799	WD	V	Q		$27,907.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.640AC)	1.00/1.00/1.00/1.00	$25,000.00	$25,000.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser

DB Last Updated: 4/15/2008

CURVE TABLE

NO	RADIUS	DELTA	ARC	TANGENT	CHORD	CHORD BEARING
1	25.00'	85°10'56"	37.17'	22.98'	33.84'	N.71°18'25"W.
2	240.00'	64°18'55"	269.40'	150.89'	255.48'	S.30°15'20"W.
3	25.00'	62°02'05"	27.07'	15.03'	25.76'	S.33°09'48"E.
4	50.00'	76°14'10"	66.53'	39.23'	61.73'	N.25°58'38"W.
5	50.00'	99°26'34"	86.78'	59.00'	76.29'	N.61°51'44"E.
6	50.00'	66°30'52"	58.04'	32.79'	54.84'	S.35°09'33"E.
7	25.00'	89°56'30"	39.24'	24.97'	35.34'	S.46°57'07"E.
8	25.00'	89°58'10"	39.26'	24.99'	35.35'	N.43°09'07"E.
9	300.00'	64°18'55"	336.75'	188.61'	319.35'	S.30°15'20"W.
10	25.00'	80°08'53"	34.97'	21.03'	32.19'	N.10°04'26"E.
11	270.00'	64°18'55"	303.08'	169.75'	287.41'	S.30°15'20"W.
12	25.00'	62°10'55"	27.13'	15.08'	25.82'	S.32°35'39"E.
13	50.00'	242°51'44"	211.94'	-81.81'	85.33'	N.57°44'45"E.
14	414.02'	29°17'22"	211.65'	108.19'	209.35'	N.76°14'15"W.
15	414.02'	01°23'02"	10.00'	5.00'	10.00'	N.60°54'03"W.
16	693.49'	23°32'54"	285.02'	144.55'	283.02'	N.41°21'14"W.
17	283.52'	56°44'36"	280.79'	153.12'	269.45'	S.60°51'13"E.

UNPLATTED LANDS

NOTICE:

EASEMENTS OF (20') TWENTY FEET IN WIDTH ALONG THE ROAD FRONT OF EACH LOT AND (7.5') SEVEN AND ONE-HALF FEET IN WIDTH ALONG EACH SIDE LOT LINES ARE HEREBY CREATED AND PROVIDED FOR THE PURPOSE OF ACCOMMODATING OVERHEAD, SURFACE, AND UNDERGROUND UTILITIES AND DRAINAGE. WHERE AN AREA GREATER THAN ONE LOT IS USED AS A BUILDING SITE, ONLY THE OUTSIDE BOUNDARY OF SAID SITE SHALL BE SUBJECT TO THE LOT LINE EASEMENT. (SEE NOTE # 6)

100 YEAR FLOOD NOTICE:

THE 100 YEAR FLOOD PLAIN AS ESTABLISHED BY DALE C. JOHNS P.E. #45263 IS AS FOLLOWS FOR THE EFFECTED LOTS. THE ELEVATIONS ARE THE 100 YEAR FLOOD PLAIN PER EFFECTED LOT AND THE RECOMENDED MINIMUM FINISHED FLOOR ELEVATION ON SAID LOT.

LOT #	100 YEAR FLOOD ELEVATION	FINISHED FLOOR ELEVATION
1	NONE	156.50'
2	156.52'	157.52'
3	NONE	NONE
4	NONE	NONE
5	159.50'	160.50'
6	159.50'	160.50'
7	159.50'	160.50'
8	156.52'	157.52'
9	159.30'	160.30'
10	159.30'	160.30'
11	NONE	NONE
12	NONE	NONE
13	159.30'	160.30'
14	159.30'	160.30'

NORTHSIDE ACRES
PLAT BOOK 6 PAGE 149

BRITT SURVEYING
LAND SURVEYORS AND MAPPERS
1426 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055
TELEPHONE: (904) 752-7163 FAX: (904) 752-5573 WORK ORDER # [illegible]

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 208 NW. Lanton Lane. Lake City FL.

Project Name: Provin

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Manufacturer	Category	Product Description	App#		Limits of use
Owens Corning	Roofing	Asphalt Shingles	FL85		Products must be install in accordance with Florida Building Code Non High Velocity Hurricane Zone Areas. All sections of the Florida Building Code that apply to a the counties except Dade and Broward must be followed.
Owens Corning	Panel Walls	Siding	FL920		1. Vinyl siding is limited to Type VI construction, as defined below. SECTION 608 - TYPE VI CONSTRUCTION Type VI is construction in which the exterior bearing and nonbearing walls and partitions, beams, girders, trusses, arches, floors, and roofs and their supports are wholly or partly of woo or other approved materials. Type V construction may be either protecte or unprotected. Fire resistance requirements for structural element of Type VI construction shall be as specified in Table 600. 2. Owens Corning vinyl siding systems shall n be installed within the High Velocity Hurricane Zones of the Florida Building Code or on Educational Facilities within the State of Florida. Compliance is valid only if the subje profile trade name is current on the VSI Vinyl Siding Certification Program, Certified Products List. Th current list can be found at www.vinylsiding.org . 4. Limitations relating to wind load performance a provided in Appendix 1. A. Unless otherwise noted, fasteners for vinyl siding are limited to min. 1½" long x 0.125" shank diameter x minimum 3/8" head diameter galvanized roofi nails. B. Unless otherwise noted na shall engage the stud framing members. C. Use of the wind load performance worksheets is limited t wall height less than or equal to 30 feet. For elevations exceeding this limitation, design pressures shall be determined in accordance with ASC 7-98 on a project-specific basis for comparison to wind load resistance data in accordance with ASTM D 5206 and Annex A1 of D 3679 . All

					calculations and analysis shall be completed by a Florida Registered Architect or Professional Engineer. Use of the wind load performance worksheets is limited to wall assemblies having either internal or external sheathing. For applications where siding is installed over open studding, the required test pressure shall be determined in accordance with ASCE 7-98 and Section A1.2.3 of ASTM D 3679. All calculations ar analysis shall be completed by a Florida Registered Architect or Professional Engineer.
Owens Corning	Panel Walls	Sofit	FL2633		N / A
Owens Corning	Roofing	Cements-Adhesives	FL2276		Tested and approved for use on metal roofs, SBS modified bitumen membranes, built-up roofing and sp polyurethane foam. Not yet submitt to, nor approved by, Dade County f High Velocity Hurricane Zones (HVHZ).
Owens Corning	Roofing	Underlayment	FL1000		N / A
Atrium Window and Doors, NC	Windows	Single Hung	FL1030		(100 SH H-R25 35 X 72), (100 SH R25 44 X 60), (200 SH H-R30 48 X 78),(200 SH H-R35 36 X 74), (200 SHHP/OS H-R50 36 X 74), (200 SHHP/OS H-R35 48 X 84)
Silverline Windows	Windows	Single Hung	FL4065		, All Windows are to be Installed pe Manufacturers Installation Drawings Anchor Size, Type and Spacing are determined by the type of construction per Manufacturers Installation Drawings.
Therma-Tru Doors	Ext. Doors	Swinging	FL5268		All use of product is restricted to, a assembly and installation of produc must conform to documentation published by Therma-Tru.
Hy-Lite Products.	Windows	Fixed	FL2025		600/800 98x98 F-C30/ 74x74 F-HC40 / 50x50 F-HC80/ 26x82 F-C8 625/825 74x74 F-C35/ 50x50 F-C8 26x82 F-C80 Low Profile Builders Series 77x77 F-HC40/ 52x52 F-HC70/ 31x87 F-C80 Glass Block Series Alum. 57x57 F-LC50/ Vinyl 57x57 F-LC80 Prestige Fixed Wind 79x79 F-C35/ 55x55 F-C80/ 31x87 C80
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (LU26)	FL474		N / A
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (PHD2)	FL503		N / A
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (H10)	FL474		N / A
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (ABU66)	FL474		N / A

Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (SP1)	FL474		N / A
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (SP2)	FL474		N / A
Simpson Strong-Tie Co.	Structural Components	Wood Connector Anchors (24" Flat Strap)	FL474		N / A
Trus Joist	Structural Components	Engineered Wood	FL1630		N / A
MiTeck Industries Inc.	Structural Components	Truss Plates	FL2197		N / A
James Hardi Siding	Envelope Products	Cement Fiber Siding	FL889		N / A
Atlas Roofing Corp	Roofing	Roofing Felt	FL1996		N / A
Tyvek		House Wrap	FL2145		N / A
Overhead Door Corp.	Ext. Doors	Garage Door	FL674		N / A
Royal Siding	Panel Walls	Siding	FL976		All siding shall be installed in accordance with the manufacturer"s published installation instructions ar ASTM D4756 Practice for the installation of Rigid Poly(Vinyl Chloride)(PVC) Siding and Soffit. Siding shall be used only on buildin where combustable exterior walls a permitted.
Royal Siding	Panel Walls	Sofit	FL976		All siding shall be installed in accordance with the manufacturer"s published installation instructions ar ASTM D4756 Practice for the installation of Rigid Poly(Vinyl Chloride)(PVC) Siding and Soffit. Siding shall be used only on buildin where combustable exterior walls a permitted.
Clopay	Ext. Doors	Garage Door	FL542		N / A

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.
I understand these products may have to be removed if approval cannot be demonstrated during inspectio

Pennyworth Homes, Inc.

Contractor or Contractor's Authorized Agent Signature | Print Name Laura Anderson | Date 7-14-08

Location 208 NW. Canton Ln. Lake City, FL | Permit # **(FOR STAFF USE ONLY)**

OWNER IMPACT FEE OCCUPANCY AFFIDAVIT

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME, the undersigned authority, personally appeared Laura Niles (~~Owner~~), who, after being duly sworn, deposes and says:

1. Except as otherwise stated herein, Affiant has personal knowledge of the facts and matters set forth in this affidavit.

2. Affiant is the owner of the following described real property located in Columbia County, Florida. (herein "the property"):

(a) Parcel No.: 14-3S-16-02117-207
(b) Legal description (may be attached): see attached.

3. Affiant has or will apply to the Columbia County Building Department for a building permit for the replacement of a building or dwelling unit on the property where no additional square footage or dwelling units will be created and will be located on the same property.

4. Either based upon Affiant's personal knowledge or the attached signed written statement of another person, a certificate of occupancy has been issued for the replacement building or dwelling on the property within seven (7) years of the date the previous building or dwelling unit was previously occupied. The building or dwelling unit was last occupied on Dec 2006.

5. This affidavit is given for the purpose of obtaining an exemption pursuant to Article VIII, Section 8.01, Columbia County Comprehensive Impact Fee Ordinance No. 2007-40, adopted October 18, 2007, as may be amended.

Further Affiant sayeth naught.

Laura L. Niles

Print: Laura L. Niles

Address: 209 N.W Cimarron Way
Lake City, FL. 32055

SWORN TO AND SUBSCRIBED before me this 13th day of August, 2008, by Laura Lynn Niles who is ~~personally known~~ to me or who has produced FL. Driver Liscense as identification.

Christopher D. Nye
Notary Public, State of Florida

My Commission Expires: 01-02-11

(NOTARIES SEAL)

CHRISTOPHER D NYE
MY COMMISSION # DD626224
EXPIRES January 02, 2011
(407)398-0153 FloridaNotaryService.com

Pennyworth Homes
Got Land? Let's Build!™

Corporate Office
679 Blackshear Road
Thomasville, GA 31792
(229) 225-1730

To whom it may concern,

I knew Jeffery Reed, who lived on NW Canton Rd. (208 NW Canton Rd) Lake City, FL. 32055 from February 2003 to Dec. of 2006 ~~xx~~.

Thank you

Laura L. Niles
Laura L. Niles
209 NW. Cimarron Way
Lake City, FL 32055
386-755-2029
08-13-08

NOTARY PUBLIC STATE OF FLORIDA
CHRISTOPHER D NYE
MY COMMISSION # DD626224
EXPIRES January 02, 2011
(407)398-0153 FloridaNotaryService.com

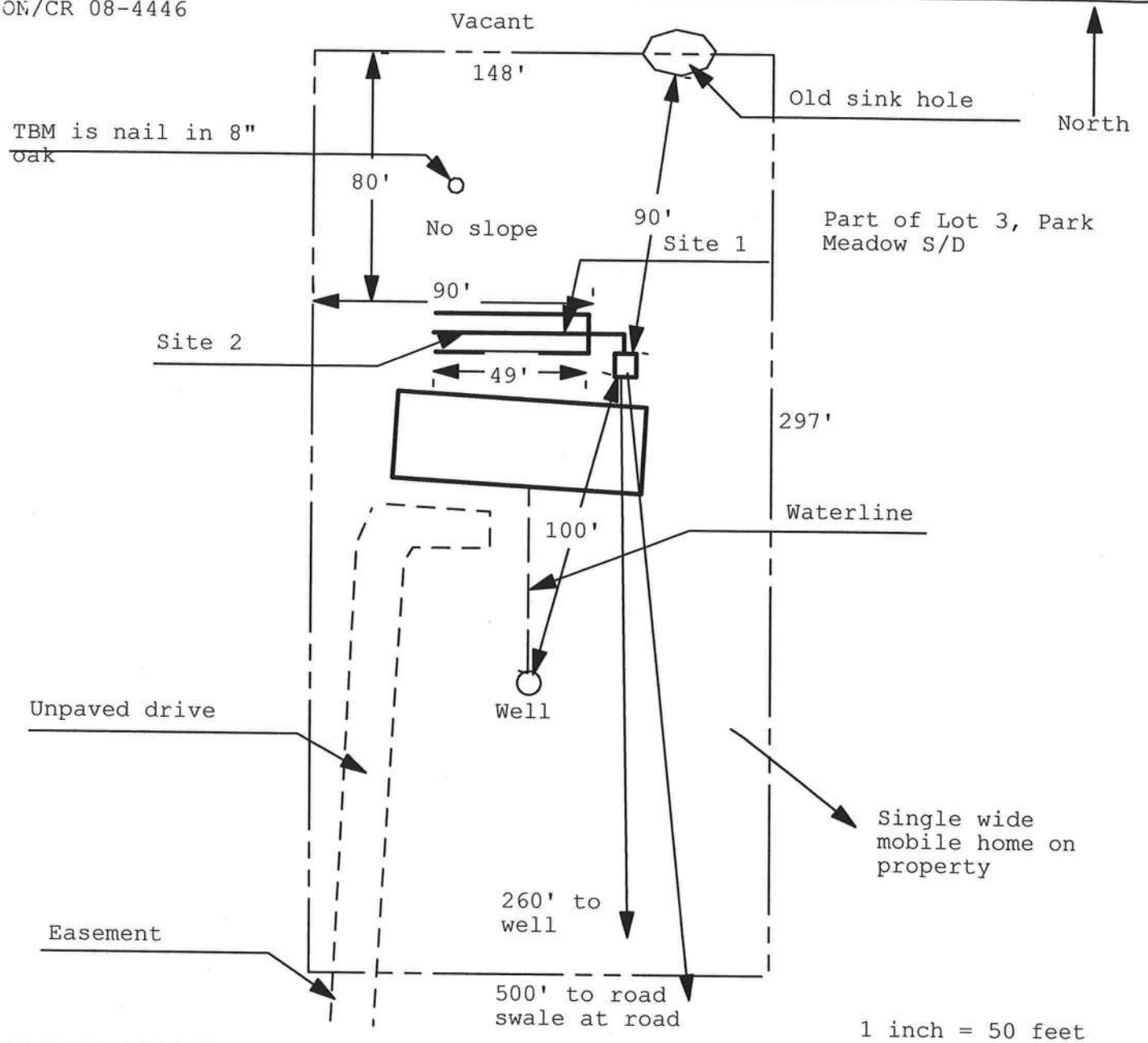
Christopher D. Nye
Christopher D. Nye

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 08-0552

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIBSON/CR 08-4446



Site Plan Submitted By Paul Lloyd **Date** 7/31/08

Plan Approved ✓ **Not Approved** ____ **Date** 8-5-08

By Mark S Zander Columbia **CPHU**

Notes: ____

FORM 600A-2004R EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Pennyworth Homes Provin Residence Tomlinson Middle**		**Pennyworth**
Address:	**NW Canton Lane**	Permitting Office:	**Columbia**
City, State:	**Lake City, FL**	Permit Number:	27252
Owner:	**Bruce Provin**	Jurisdiction Number:	**221200**
Climate Zone:	**North**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1782 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 251.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 251.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Face Brick, Wood, Exterior	R=13.0, 1175.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 267.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1782.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 125.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit/Split	Cap: 40.3 kBtu/hr	
		SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump/Split	Cap: 40.3 kBtu/hr	
		HSPF: 7.80	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 80.0 gallons	
		EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.14

Total as-built points: 22810
Total base points: 24415

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Anne Kellner

DATE: 7-6-08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: 7-14-08

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

```
**********************************************************************
**********************************************************************
**                                                                  **
**                  T R A C E   6 0 0   A N A L Y S I S             **
**                                                                  **
**                  by  BLUE HERON CONSULTING                       **
**                                                                  **
**********************************************************************
**********************************************************************
```

PENNYWORTH HOMES PROVIN RESIDENCE
LAKE CITY, FL

TOMLINSON MODEL

Weather File Code:	GAINSVIL	
Location:		
Latitude:	29.0	(deg)
Longitude:	82.0	(deg)
Time Zone:	5	
Elevation:	155	(ft)
Barometric Pressure:	29.7	(in. Hg)
Summer Clearness Number:	0.95	
Winter Clearness Number:	0.95	
Summer Design Dry Bulb:	93	(F)
Summer Design Wet Bulb:	77	(F)
Winter Design Dry Bulb:	31	(F)
Summer Ground Reflectance:	0.20	
Winter Ground Reflectance:	0.20	
Air Density:	0.0756	(Lbm/cuft)
Air Specific Heat:	0.2444	(Btu/lbm/F)
Density-Specific Heat Prod:	1.1087	(Btu-min./hr/cuft/F)
Latent Heat Factor:	4,880.3	(Btu-min./hr/cuft)
Enthalpy Factor:	4.5356	(Lb-min./hr/cuft)

Design Simulation Period: June To November
System Simulation Period: January To December
Cooling Load Methodology: TETD/Time Averaging

Time/Date Program was Run: 21: 0:10 7/ 6/ 8
Dataset Name: PWHPRO .TM

AIRFLOW - ALTERNATIVE 1

S Y S T E M S U M M A R Y
(Design Airflow Quantities)

System Number	System Type	Main Outside Airflow (Cfm)	Main Cooling Airflow (Cfm)	Main Heating Airflow (Cfm)	Main Return Airflow (Cfm)	Main Exhaust Airflow (Cfm)	Auxil. Supply Airflow (Cfm)	Room Exhaust Airflow (Cfm)
1	SZ	100	1,603	1,603	1,603	100	0	0
Totals		100	1,603	1,603	1,603	100	0	0

CAPACITY - ALTERNATIVE 1

S Y S T E M S U M M A R Y
(Design Capacity Quantities)

System Number	System Type	Cooling Main Sys. Capacity (Tons)	Cooling Aux. Sys. Capacity (Tons)	Cooling Opt. Vent Capacity (Tons)	Cooling Totals (Tons)	Heating Main Sys. Capacity (Btuh)	Heating Aux. Sys. Capacity (Btuh)	Heating Preheat Capacity (Btuh)	Heating Reheat Capacity (Btuh)	Heating Humidif. Capacity (Btuh)	Heating Opt. Vent Capacity (Btuh)	Heating Totals (Btuh)
1	SZ	3.4	0.0	0.0	3.4	-25,348	0	0	0	0	0	-25,348
Totals		3.4	0.0	0.0	3.4	-25,348	0	0	0	0	0	-25,348

The building peaked at hour 16 month 8 with a capacity of 3.4 tons

ENGINEERING CHECKS - ALTERNATIVE 1

E N G I N E E R I N G C H E C K S

System Number	Main/ Auxiliary	System Type	Percent Outside Air	Cooling Cfm/ Sq Ft	Cooling Cfm/ Ton	Cooling Sq Ft /Ton	Heating Btuh/ Sq Ft	Heating Cfm/ Sq Ft	Heating Btuh/ Sq Ft	Floor Area Sq Ft
1	Main	SZ	6.24	0.90	477.0	530.2	22.63	0.90	-14.22	1,782

SYSTEM CHECKSUMS System 1 Peak SZ - SINGLE ZONE SYSTEM

	COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK		
Peaked at Time ==>	Mo/Hr: 8/16					Mo/Hr: 9/16		Mo/Hr: 13/ 1		
Outside Air ==>	OADB/WB/HR: 96/ 77/112.0					OADB: 92		OADB: 31		
	Space Sens.+Lat. (Btuh)	Ret. Air Sensible (Btuh)	Ret. Air Latent (Btuh)	Net Total (Btuh)	Percnt Of Tot (%)	Space Sensible (Btuh)	Percnt Of Tot (%)	Space Peak Space Sens (Btuh)	Coil Peak Tot Sens (Btuh)	Percnt Of Tot (%)
Envelope Loads										
Skylite Solr	0	0		0	0.00	0	0.00	0	0	0.00
Skylite Cond	0	0		0	0.00	0	0.00	0	0	0.00
Roof Cond	7,894	0		7,894	19.57	7,083	20.44	-3,653	-3,653	14.41
Glass Solar	17,250	0		17,250	42.77	19,000	54.81	0	0	0.00
Glass Cond	3,412	0		3,412	8.46	2,827	8.16	-7,199	-7,199	28.40
Wall Cond	5,148	0		5,148	12.76	5,259	15.17	-4,568	-4,568	18.02
Partition	492			492	1.22	492	1.42	-700	-700	2.76
Exposed Floor	0			0	0.00	0	0.00	-4,683	-4,683	18.47
Infiltration	0			0	0.00	0	0.00	0	0	0.00
Sub Total==>	34,197	0		34,197	84.79	34,662	100.00	-20,803	-20,803	82.07
Internal Loads										
Lights	0	0		0	0.00	0	0.00	0	0	0.00
People	0			0	0.00	0	0.00	0	0	0.00
Misc	0	0	0	0	0.00	0	0.00	0	0	0.00
Sub Total==>	0	0	0	0	0.00	0	0.00	0	0	0.00
Ceiling Load	0	0		0	0.00	0	0.00	0	0	0.00
Outside Air	0	0	0	5,566	13.80	0	0.00	0	-4,546	17.93
Sup. Fan Heat				570	1.41		0.00		0	0.00
Ret. Fan Heat		0		0	0.00		0.00		0	0.00
Duct Heat Pkup		0		0	0.00		0.00		0	0.00
OV/UNDR Sizing	0			0	0.00	0	0.00	0	0	0.00
Exhaust Heat		0	0	0	0.00		0.00		0	0.00
Terminal Bypass		0	0	0	0.00		0.00		0	0.00
Grand Total==>	34,197	0	0	40,333	100.00	34,662	100.00	-20,803	-25,348	100.00

COOLING COIL SELECTION

	Total Capacity (Tons)	(Mbh)	Sens Cap. (Mbh)	Coil Airfl (cfm)	Entering DB/WB/HR Deg F	Deg F	Grains	Leaving DB/WB/HR Deg F	Deg F	Grains
Main Clg	3.4	40.3	37.1	1,603	76.3	63.5	67.9	55.2	54.4	62.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Totals	3.4	40.3								

AREAS

	Gross Total	Glass (sf)	(%)
Floor	1,782		
Part	288		
ExFlr	243		
Roof	1,782	0	0
Wall	1,488	250	17

HEATING COIL SELECTION

	Capacity (Mbh)	Coil Airfl (cfm)	Ent Deg F	Lvg Deg F
Main Htg	-25.3	1,603	69.4	83.7
Aux Htg	0.0	0	0.0	0.0
Preheat	-0.0	1,603	69.4	55.2
Reheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-25.3			

AIRFLOWS (cfm)

Type	Cooling	Heating
Vent	100	100
Infil	0	0
Supply	1,603	1,603
Mincfm	0	0
Return	1,603	1,603
Exhaust	100	100
Rm Exh	0	0
Auxil	0	0

ENGINEERING CHECKS

Clg % OA	6.2
Clg Cfm/Sqft	0.90
Clg Cfm/Ton	477.03
Clg Sqft/Ton	530.19
Clg Btuh/Sqft	22.63
No. People	0
Htg % OA	6.2
Htg Cfm/SqFt	0.90
Htg Btuh/SqFt	-14.22

TEMPERATURES (F)

Type	Clg	Htg
SADB	55.5	83.7
Plenum	75.0	72.0
Return	75.0	72.0
Ret/OA	76.3	69.4
Runarnd	75.0	72.0
Fn MtrTD	0.1	0.0
Fn BldTD	0.1	0.0
Fn Frict	0.2	0.0

MAIN SYSTEM COOLING - ALTERNATIVE 1

PEAK COOLING LOADS
(Main System)

Room Number	Description	Space: Peak Time Mo/Hr	Space: OA Cond. DB/WB (F)	Space: Rm Dry Blb (F)	Space: Supp. Dry Bulb (F)	Space: Air Flow (Cfm)	Space: Sens. Load (Btuh)	Space: Lat. Load (Btuh)	Coil: Peak Time Mo/Hr	Coil: OA Cond. DB/WB (F)	Coil: Rm Dry Blb (F)	Coil: Supp. Dry Bulb (F)	Coil: Air Flow (Cfm)	Coil: Sens. Load (Btuh)	Coil: Lat. Load (Btuh)
100	FLOOR AREA	9/16	92 75	75	55.5	1,603	34,662	0	8/16	96 77	75	55.8	1,603	37,051	3,282
Zone 1	Total/Ave.		92 75	75	55.5	1,603	34,662	0		96 77	75	55.8	1,603	37,051	3,282
Zone 1	Block	9/16	92 75	75	55.5	1,603	34,662	0	8/16	96 77	75	55.8	1,603	37,051	3,282
System 1	Total/Ave.		92 75	75	55.5	1,603	34,662	0		96 77	75	55.8	1,603	37,051	3,282
System 1	Block	9/16	92 75	75	55.5	1,603	34,662	0	8/16	96 77	75	55.8	1,603	37,051	3,282

MAIN SYSTEM HEATING - ALTERNATIVE 1

PEAK HEATING LOADS
(Main System)

Room Number	Description	Floor Area (Sq Ft)	Space: Peak Time Mo/Hr	Space: OA Cond. DB/WB (F)	Space: Rm Dry Blb (F)	Space: Supp. Dry Bulb (F)	Space: Air Flow (Cfm)	Space: Sens. Load (Btuh)	Coil: Peak Time Mo/Hr	Coil: OA Cond. DB/WB (F)	Coil: Rm Dry Blb (F)	Coil: Supp. Dry Bulb (F)	Coil: Air Flow (Cfm)	Coil: Sens. Load (Btuh)
100	FLOOR AREA	1,782	13/ 1	31 27	72	83.7	1,603	-20,803	13/ 1	31 27	72	83.7	1,603	-25,348
Zone 1	Total/Ave.	1,782		31 27	72	83.7	1,603	-20,803		31 27	72	83.7	1,603	-25,348
Zone 1	Block	1,782	13/ 1	31 27	72	83.7	1,603	-20,803	13/ 1	31 27	72	83.7	1,603	-25,348
System 1	Total/Ave.	1,782		31 27	72	83.7	1,603	-20,803		31 27	72	83.7	1,603	-25,348
System 1	Block	1,782	13/ 1	31 27	72	83.7	1,603	-20,803	13/ 1	31 27	72	83.7	1,603	-25,348

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	NW Canton Lane, Lake City, FL,	PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1782.0	18.59	5963.0	1.Double, Clear	N	0.0	0.0	56.0	19.20	1.00	1075.0	
				2.Double, Clear	E	0.0	0.0	47.0	42.06	1.00	1977.0	
				3.Double, Clear	E	8.3	3.7	9.0	42.06	0.38	143.0	
				4.Double, Clear	S	0.0	0.0	54.0	35.87	1.00	1936.0	
				5.Double, Clear	W	0.0	0.0	85.0	38.52	1.00	3274.0	
				As-Built Total:				**251.0**			**8405.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	267.0	0.70	186.9	1. Face Brick, Wood, Exterior			13.0	1175.0	0.35		411.3	
Exterior	1175.0	1.70	1997.5	2. Frame, Wood, Adjacent			13.0	267.0	0.60		160.2	
Base Total:	**1442.0**		**2184.4**	**As-Built Total:**				**1442.0**			**571.5**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	21.0	2.40	50.4	1.Exterior Insulated				63.0	4.10		258.3	
Exterior	63.0	6.10	384.3	2.Adjacent Wood				21.0	2.40		50.4	
Base Total:	**84.0**		**434.7**	**As-Built Total:**				**84.0**			**308.7**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1782.0	1.73	3082.9	1. Under Attic			30.0	1782.0	1.73 X 1.00		3082.9	
Base Total:	**1782.0**		**3082.9**	**As-Built Total:**				**1782.0**			**3082.9**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	243.0(p)	-37.0	-8991.0	1. Slab-On-Grade Edge Insulation			0.0	243.0(p	-41.20		-10011.6	
Raised	0.0	0.00	0.0									
Base Total:			**-8991.0**	**As-Built Total:**				**243.0**			**-10011.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1782.0	10.21	18194.2					1782.0	10.21		18194.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	**NW Canton Lane, Lake City, FL,**	PERMIT #:

BASE			**AS-BUILT**					
Summer Base Points: 20868.2			**Summer As-Built Points:**					**20550.6**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 40300btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			20551	1.00	(1.09 x 1.147 x 0.91)	0.260	1.000	6079.0
20868.2	**0.3250**	**6782.2**	**20550.6**	**1.00**	**1.138**	**0.260**	**1.000**	**6079.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	NW Canton Lane, Lake City, FL,	PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1782.0	20.17	6470.0	1.Double, Clear	N	0.0	0.0	56.0	24.58	1.00	1376.0	
				2.Double, Clear	E	0.0	0.0	47.0	18.79	1.00	883.0	
				3.Double, Clear	E	8.3	3.7	9.0	18.79	1.47	248.0	
				4.Double, Clear	S	0.0	0.0	54.0	13.30	1.00	717.0	
				5.Double, Clear	W	0.0	0.0	85.0	20.73	1.00	1761.0	
				As-Built Total:				**251.0**			**4985.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Adjacent	267.0	3.60	961.2	1. Face Brick, Wood, Exterior			13.0	1175.0	3.17	3730.6		
Exterior	1175.0	3.70	4347.5	2. Frame, Wood, Adjacent			13.0	267.0	3.30	881.1		
Base Total:	**1442.0**		**5308.7**	**As-Built Total:**				**1442.0**		**4611.7**		
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =	Points		
Adjacent	21.0	11.50	241.5	1.Exterior Insulated				63.0	8.40	529.2		
Exterior	63.0	12.30	774.9	2.Adjacent Wood				21.0	11.50	241.5		
Base Total:	**84.0**		**1016.4**	**As-Built Total:**				**84.0**		**770.7**		
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =	Points		
Under Attic	1782.0	2.05	3653.1	1. Under Attic			30.0	1782.0	2.05 X 1.00	3653.1		
Base Total:	**1782.0**		**3653.1**	**As-Built Total:**				**1782.0**		**3653.1**		
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Slab	243.0(p)	8.9	2162.7	1. Slab-On-Grade Edge Insulation			0.0	243.0(p	18.80	4568.4		
Raised	0.0	0.00	0.0									
Base Total:			**2162.7**	**As-Built Total:**				**243.0**		**4568.4**		
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =	Points		
	1782.0	-0.59	-1051.4					1782.0	-0.59	-1051.4		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	NW Canton Lane, Lake City, FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**17559.5**	**Winter As-Built Points:**					**17537.5**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 40300 btuh ,EFF(7.8) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			17537.5	1.000	(1.069 x 1.169 x 0.93) 0.437		1.000	8910.5
17559.5	**0.5540**	**9728.0**	**17537.5**	**1.00**	**1.162**	**0.437**	**1.000**	**8910.5**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS:	NW Canton Lane, Lake City, FL,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	80.0	0.93	3	1.00	2606.67	1.00	7820.0	
				As-Built Total:						**7820.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
6782	**9728**	**7905**	**24415**	**6079**	**8911**	**7820**	**22810**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:	NW Canton Lane, Lake City, FL,	PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.6

The higher the score, the more efficient the home.

Bruce Provin, NW Canton Lane, Lake City, FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family		a.	Central Unit/Split	Cap: 40.3 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3		b.	N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	1782 ft²		c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 251.0 ft²		a.	Electric Heat Pump/Split	Cap: 40.3 kBtu/hr
b.	SHGC:					HSPF: 7.80
	(or Clear or Tint DEFAULT)	7b. (Clear) 251.0 ft²		b.	N/A	
8.	Floor types					
a.	Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 80.0 gallons
a.	Face Brick, Wood, Exterior	R=13.0, 1175.0 ft²				EF: 0.93
b.	Frame, Wood, Adjacent	R=13.0, 267.0 ft²		b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1782.0 ft²		15.	HVAC credits	
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 125.0 ft			MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: 7-14-08

Address of New Home: 206 NW Canton La City/FL Zip: Lake City FL

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar ™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

Quincy • (850) 442-3495
Fax • (850) 442-4008

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254
2230 Greensboro Hwy., Quincy, FL 32351

JOB NO.: 08-00422
DATE TESTED: 8-18-08

REPORT OF IN-PLACE DENSITY TEST

27252

ASTM METHOD: _____(D-2922) Nuclear _____(D-2937) Drive Cylinder _____Other

PROJECT: Provin Residence

CLIENT: Pennyworth Homes

GENERAL CONTRACTOR: SAC EARTHWORK CONTRACTOR: _____

SOIL USE (SEE NOTE): 1 SPECIFICATION REQUIREMENTS: 95

TECHNICIAN: R. Kramer

MODIFIED (ASTM D-1557): _____ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	6' W of NE corner x 6' S of NE corner	12"		106.8	101.1	5.6	96
2	8' E of NW corner x 10' S of NW corner	12"		104.8	101.4	3.4	97
3	12' E of SW corner x 8' N of SW corner	12"		110.4	105.2	4.9	100
4	8' N of SE corner x 10' W of SE corner	12"		108.6	104.8	3.7	100

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
	Tan Sand	105.0	11.0

NOTE: (1) Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test location and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

HOMETEAM
PEST DEFENSE

CONTRACTOR: PENNYWORTH HOMES
OWNER: BRUCE & TAMMY PROVIN

PERMIT # 27252

ADDRESS: 208 N.W. CANYON LANE
LAKE CITY, FL 32055

Notice of Intent For Preventative Treatments for Termites
(as required by Florida Building Code (FBC) 104.2.6)

(Address of Treatment or Lot/Block of Treatment)

8-15-08
Date

BORA-CARE Termiticide (Wood Treatment)
Product Used

Disodium Octaborate Tetrahydrate
Chemical used (active ingredient)

23% Active Ingredient
Percent Concentration

Application will be performed onto structural wood at dried-in stage of construction
Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

BORA-CARE Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1816.1.8.

(INFORMATION TO BE PROVIDED TO LOCAL BUILDING CODE OFFICES PRIOR TO CONCRETE FOUNDATION INSTALLATION)

6694 Columbia Park Drive, Suite 3 • Jacksonville, Florida 32258 • 904.730.2522 Fax 904.730.3244
6694 Columbia Park Drive, Suite 3 • Jacksonville, Florida 32258 • 904.730.2522 Fax 904.730.3244
6694 Columbia Park Drive, Suite 3 • Jacksonville, Florida 32258 • 904.730.2522 Fax 904.730.3244

BRITT SURVEYING
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors
and Mappers

Permit # 21252
Pennyworth Homes
208 N.W. Canton Lane
Provin, Bruce & Tammy

08/18/08

L-19488

To Whom It May Concern:

C/o: Pennyworth Homes

Re: Lot 7 of Moore Haven

The elevation of the monolithic forms is found to be 161.00 feet. The minimum floor elevation is 160.50 feet per the plat of record. The highest adjacent grade is 157.77 feet. The lowest adjacent grade is 157.07 feet. The elevations shown hereon are based on NGVD 29 Datum.

L. Scott Britt
PLS #5757

Sound Structures Engineering, Inc.

2467 Centerville Road Tallahassee, Florida 32308
(850) 385-5288 Fax (850) 386-7586 ~ dectom@nettally.com

Pennyworth Homes
September 11, 2008

RE: Roof Sheathing Clarification
Sound Structures Engineering, Inc. Activity #08S-003 (Provin)

To Whom It May Concern:

As per your request, I have reviewed the roof sheathing requirements for the above referenced project to clarify the type of sheathing to be used.

Following the recommendations provided by AFPA, the 7/16" OSB sheathing can be used with an identical nail specification to that of the 15/32" OSB with identical strength. Therefore, the use of 7/16" OSB is acceptable for the roof sheathing in this project.

If I can be of any further assistance, please let me know.

Sincerely,

Permit #27252
Pennyworth Homes
Provin, Tammy & Brian
208 N. Canton Lane
Lake City, Fl.

THOMAS EARL BEITELMAN
CERTIFICATE
NO. 51870
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

O.K. (W)

William E. Douglas, PE, President
Thomas E. Beitelman, MS, PE, SI, Vice President

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 14-3S-16-02117-207 **Building permit No.** 000027252

Use Classification SFD,UTILITY **Fire:** 64.20

Permit Holder PENNYWORTH HOMES/CHRIS NYE **Waste:** 167.50

Owner of Building BRUCE PROVIN, JR **Total:** 231.70

Location: 208 NW CANTON LANE, LAKE CITY, FL

Date: 12/10/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

MiTek®
POWER TO PERFORM.™

RE: 1365 - PENNYWORTH HOMES

MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO 63017-5746

Site Information:
Project Customer: Pennyworth Homes Project Name: Provin
Lot/Block: Subdivision:
Address: 208 NW Canton Lane
City: Lake City State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 7.0
Wind Code: ASCE 7-02 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 55 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	I14229397	CJ6	7/17/08	18	I14229414	H9	7/17/08
2	I14229398	CJ7	7/17/08	19	I14229415	J	7/17/08
3	I14229399	CJ9	7/17/08	20	I14229416	J2	7/17/08
4	I14229400	CJ9A	7/17/08	21	I14229417	J2A	7/17/08
5	I14229401	H1	7/17/08	22	I14229418	J2B	7/17/08
6	I14229402	H11	7/17/08	23	I14229419	J4	7/17/08
7	I14229403	H13	7/17/08	24	I14229420	J4A	7/17/08
8	I14229404	H14	7/17/08	25	I14229421	J4D	7/17/08
9	I14229405	H15	7/17/08	26	I14229422	J5	7/17/08
10	I14229406	H16	7/17/08	27	I14229423	J6	7/17/08
11	I14229407	H2	7/17/08	28	I14229424	J6A	7/17/08
12	I14229408	H3	7/17/08	29	I14229425	JA	7/17/08
13	I14229409	H4	7/17/08	30	I14229426	JB	7/17/08
14	I14229410	H5	7/17/08	31	I14229427	M1	7/17/08
15	I14229411	H6	7/17/08	32	I14229428	M2	7/17/08
16	I14229412	H7	7/17/08	33	I14229429	M3	7/17/08
17	I14229413	H8	7/17/08	34	I14229430	M4	7/17/08

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Reese Building Components, Inc.

Truss Design Engineer's Name: Miller, Scott
My license renewal date for the state of Florida is February 28, 2009.

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

NOTE: 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-1 Chapter 2.

July 17,2008
Miller, Scott

RE: 1365 - PENNYWORTH HOMES

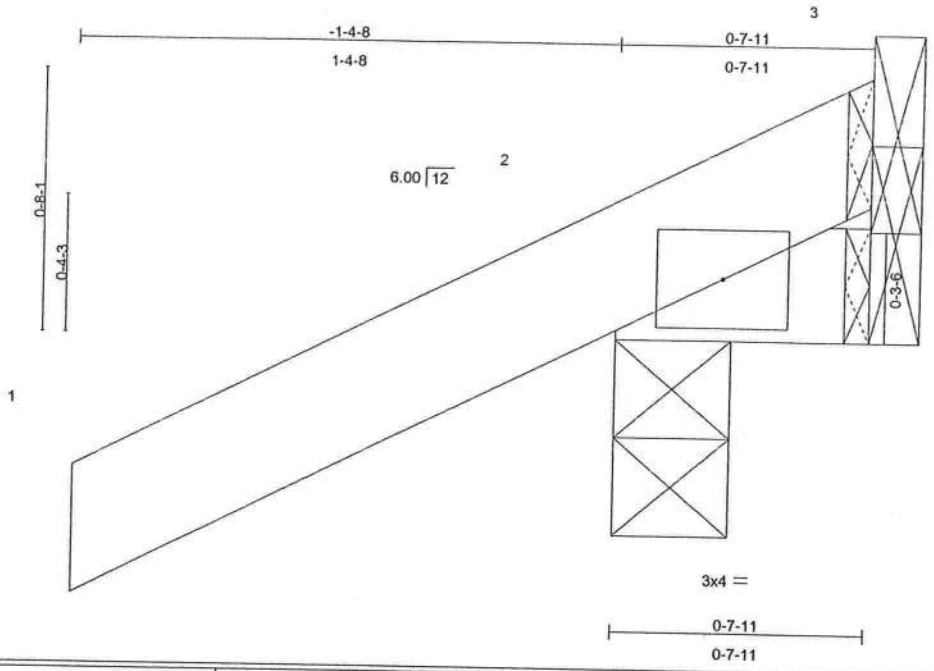
Site Information:

Project Customer: Pennyworth Homes Project Name: Provin
Lot/Block: Subdivision:
Address: 208 NW Canton Lane
City: Lake City State: FL

No.	Seal#	Truss Name	Date
35	I14229431	S1	7/17/08
36	I14229432	S2	7/17/08
37	I14229433	S3	7/17/08
38	I14229434	S4	7/17/08
39	I14229435	S5	7/17/08
40	I14229436	T1	7/17/08
41	I14229437	T2	7/17/08
42	I14229438	T3	7/17/08
43	I14229439	T4	7/17/08
44	I14229440	T5	7/17/08
45	I14229441	T6	7/17/08
46	I14229442	T7	7/17/08
47	I14229443	V1	7/17/08
48	I14229444	V2	7/17/08
49	I14229445	V3	7/17/08
50	I14229446	V4	7/17/08
51	I14229447	V5	7/17/08
52	I14229448	V6	7/17/08
53	I14229449	V7	7/17/08
54	I14229450	V8	7/17/08
55	I14229451	V9	7/17/08

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	JA	JACK	2	1	Job Reference (optional)	I142294

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:45 2008 Pa



Scale = 1:5

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.00	2	n/r	120	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.00	Vert(TL)	-0.00	2	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 5 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 0-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=121/0-3-8, 2=121/0-3-8, 2=121/0-3-8
Max Horz 2=94(LC 4)
Max Uplift2=-167(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

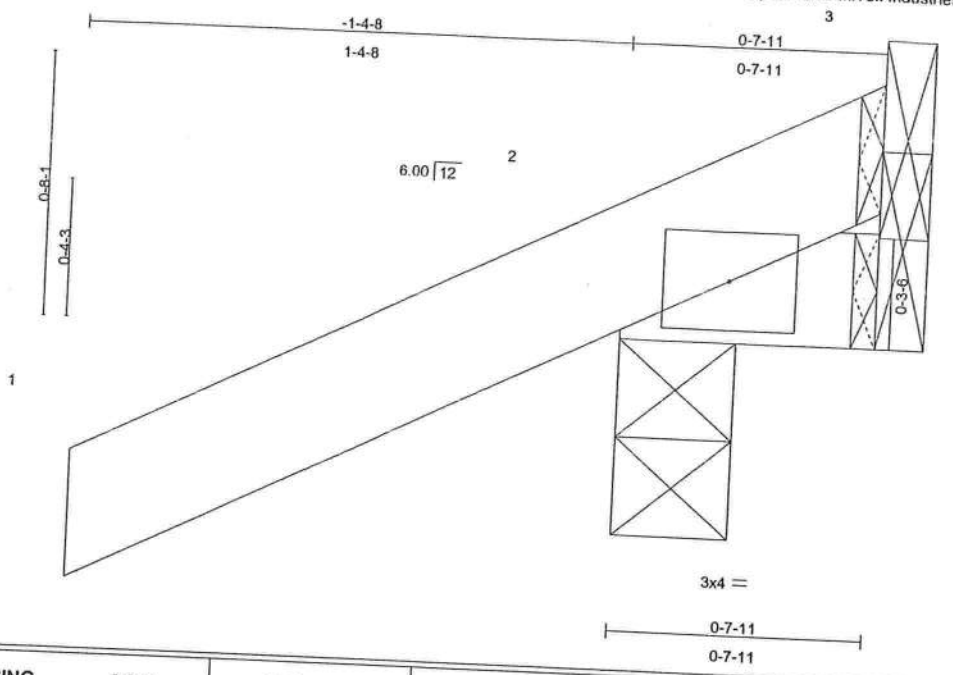
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	JB	JACK	2	1		I1422

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:45 2008 F



Scale = 1

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.00	2	n/r	120	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.00	Vert(TL)	-0.00	2	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 5 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 0-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=121/0-3-8, 2=121/0-3-8, 2=121/0-3-8
Max Horz 2=94(LC 4)
Max Uplift2=-167(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER
LICENSE
No 58316
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

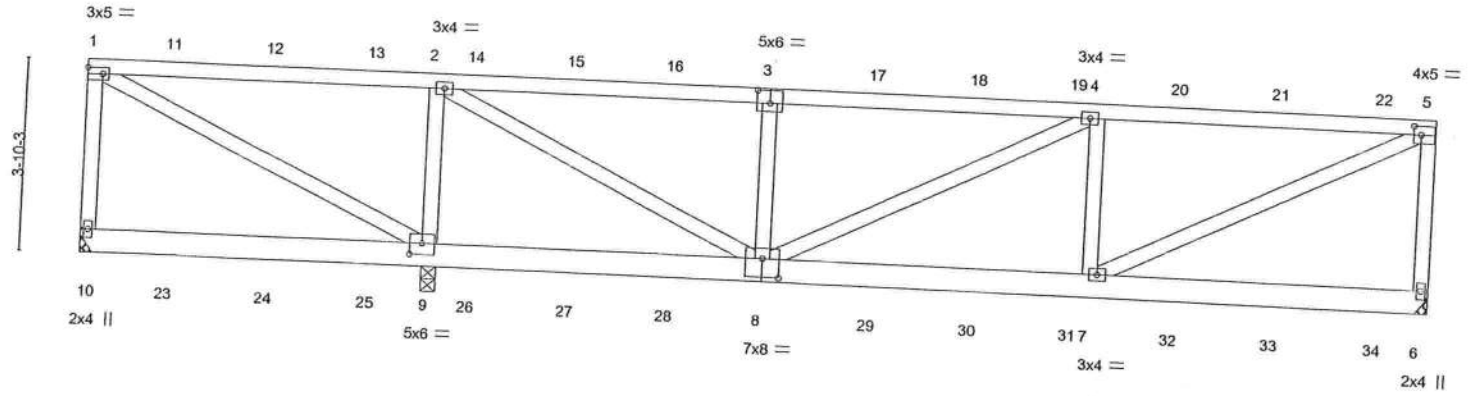
July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142
1365	M1	SPECIAL	1	2	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:46 2008

Scale = 1:



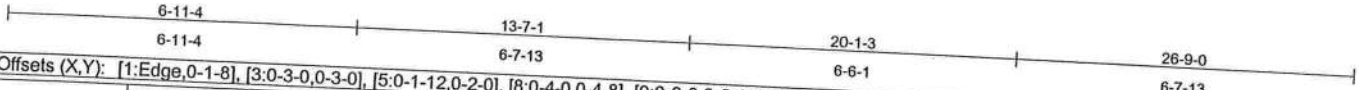


Plate Offsets (X,Y): [1:Edge,0-1-8], [3:0-3-0,0-3-0], [5:0-1-12,0-2-0], [8:0-4-0,0-4-8], [9:0-3-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	0.08	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.10	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.46	Horz(TL)	-0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 334 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 8-9.

REACTIONS (lb/size) 10=35/Mechanical, 6=1514/Mechanical, 9=2927/0-3-8
Max Horz 10=216(LC 3)
Max Uplift10=-48(LC 2), 6=-1215(LC 3), 9=-2342(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-574/726, 11-12=-574/726, 12-13=-574/726, 2-13=-574/726, 2-14=-1621/1337, 14-15=-1621/1337, 15-16=-1621/1337, 3-16=-1621/1337, 3-17=-1621/1337, 17-18=-1621/1337, 18-19=-1621/1337, 4-19=-1621/1337, 4-20=-1946/1595, 20-21=-1946/1595, 21-22=-1946/1595, 5-22=-1946/1595, 5-6=-1353/1201
BOT CHORD 10-23=-274/125, 23-24=-274/125, 24-25=-274/125, 9-25=-274/125, 9-26=-726/696, 26-27=-726/696, 27-28=-726/696, 8-28=-726/696, 8-29=-1607/1946, 29-30=-1607/1946, 30-31=-1607/1946, 7-31=-1607/1946
WEBS 1-9=-955/842, 2-9=-2138/2039, 2-8=-2135/2647, 3-8=-802/925, 4-8=-368/304, 4-7=-683/871, 5-7=-1600/2035

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) 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.
3) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
4) Provide adequate drainage to prevent water ponding.
5) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 10, 1215 lb uplift at joint 6 and 2342 lb uplift at joint 9.

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

ontinued on page 2

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	M1	SPECIAL	1	2	Job Reference (optional)	I1422

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:46 2008 P

NOTES

8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 134 lb down and 216 lb up at 1-8-4, 134 lb down and 216 lb up at 3-8-4, 134 down and 216 lb up at 5-8-4, 134 lb down and 216 lb up at 7-8-4, 134 lb down and 216 lb up at 9-8-4, 134 lb down and 216 lb up at 11-8-4, 134 lb down and 216 lb up at 13-8-4 134 lb down and 216 lb up at 15-8-4, 134 lb down and 216 lb up at 17-8-4, 134 lb down and 216 lb up at 19-8-4, 134 lb down and 216 lb up at 21-8-4, and 134 lb down and 216 up at 23-8-4, and 134 lb down and 216 lb up at 25-8-4 on top chord, and 48 lb down at 1-8-4, 48 lb down at 3-8-4, 48 lb down at 5-8-4, 48 lb down at 7-8-4, 48 lb down at 9-8-4 48 lb down at 11-8-4, 48 lb down at 13-8-4, 48 lb down at 15-8-4, 48 lb down at 17-8-4, 48 lb down at 19-8-4, 48 lb down at 21-8-4, and 48 lb down at 23-8-4, and 48 lb down a 25-8-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-5=-60, 6-10=-20
   Concentrated Loads (lb)
      Vert: 8=-48(B) 3=-134(B) 11=-134(B) 12=-134(B) 13=-134(B) 14=-134(B) 15=-134(B) 16=-134(B) 17=-134(B) 18=-134(B) 19=-134(B) 20=-134(B) 21=-134(B) 22=-134(B) 23=-48(B) 24=-48(B) 25=-48(B) 26=-48(B) 27=-48(B) 28=-48(B) 29=-48(B) 30=-48(B) 31=-48(B) 32=-48(B) 33=-48(B) 34=-48(B)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	M2	HIP	1	1		I14229

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:47 2008 Pa

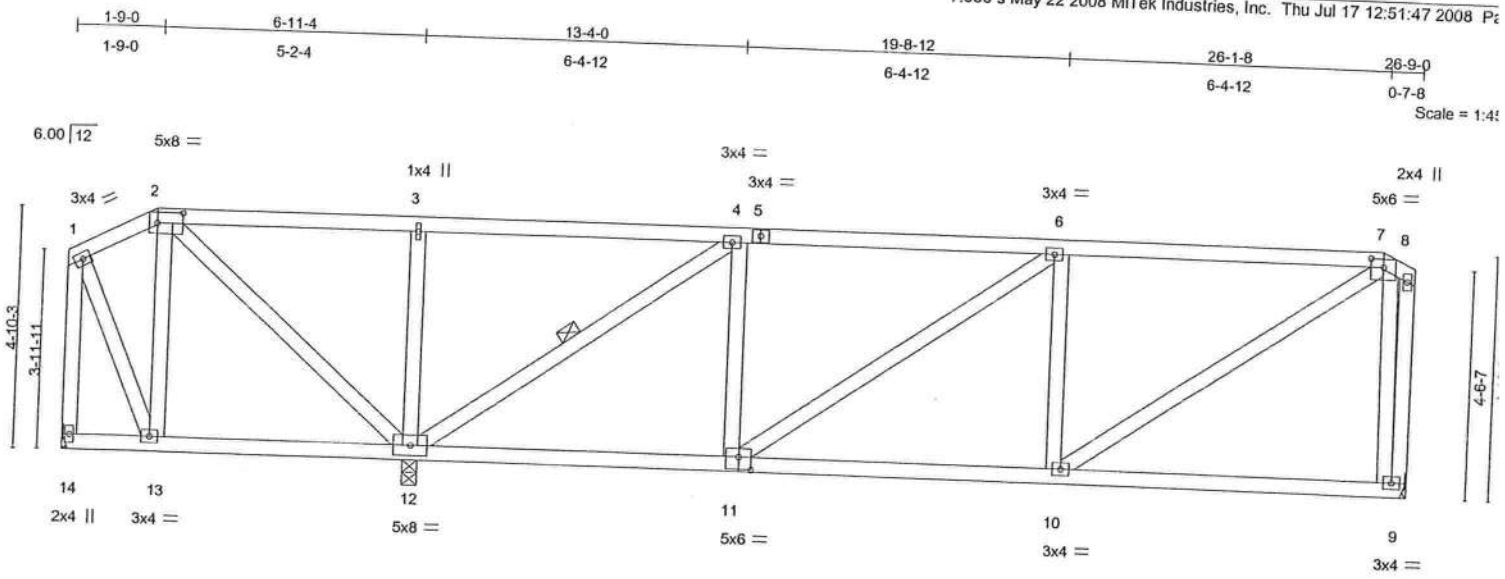


Plate Offsets (X,Y): [2:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.04	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.08	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 172 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-12

REACTIONS (lb/size) 14=22/Mechanical, 12=1394/0-3-8, 9=701/Mechanical
Max Horz 14=276(LC 3)
Max Uplift14=-31(LC 9), 12=-860(LC 3), 9=-394(LC 3)
Max Grav 14=88(LC 3), 12=1394(LC 1), 9=702(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-194/314, 3-4=-194/314, 4-5=-555/353, 5-6=-555/353, 6-7=-706/464, 8-9=-340/171
BOT CHORD 11-12=-408/555, 10-11=-480/706
WEBS 2-12=-429/338, 3-12=-369/346, 4-12=-1062/646, 6-10=-286/322, 7-10=-420/726, 7-9=-799/764

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 14, 860 lb uplift at joint 12 and 394 lb uplift at joint 9.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

July 17,2008

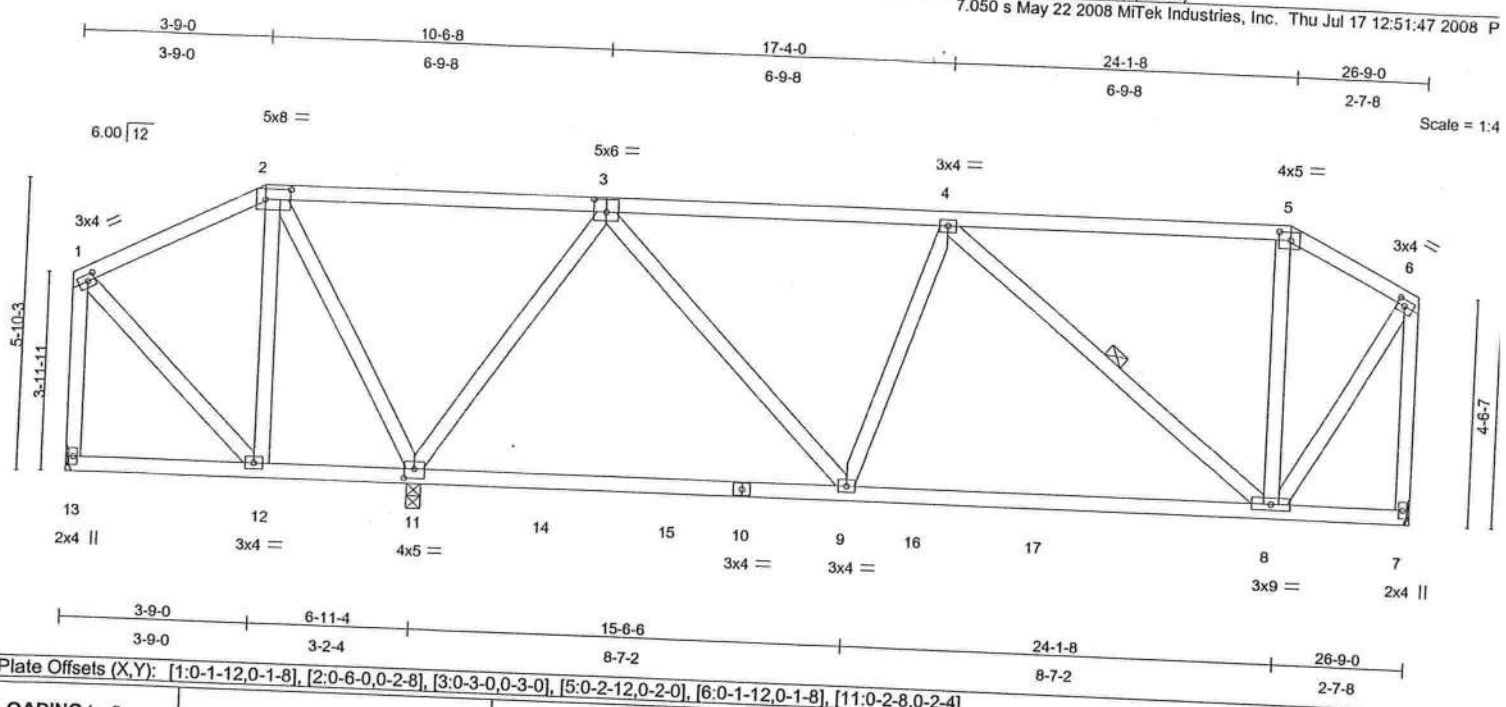
POWER TO PERFORM
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	M3	HIP	1	1		I1422

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:47 2008 P



Scale = 1:4

Plate Offsets (X,Y): [1:0-1-12,0-1-8], [2:0-6-0,0-2-8], [3:0-3-0,0-3-0], [5:0-2-12,0-2-0], [6:0-1-12,0-1-8], [11:0-2-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.04	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.17	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(TL)	-0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 172 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 13=35/Mechanical, 11=1438/0-3-8, 7=742/Mechanical
Max Horz 13=297(LC 3)
Max Uplift 13=-64(LC 9), 11=-793(LC 3), 7=-347(LC 2)
Max Grav 13=93(LC 3), 11=1438(LC 1), 7=744(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-149/289, 3-4=-607/379, 4-5=-348/271, 5-6=-394/262, 6-7=-761/359
BOT CHORD 11-14=-277/250, 14-15=-277/250, 10-15=-277/250, 9-10=-277/250, 9-16=-453/657, 16-17=-453/657, 8-17=-453/657
WEBS 2-11=-497/399, 3-11=-978/647, 3-9=-196/538, 4-9=-167/251, 4-8=-414/283, 6-8=-359/684

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 13, 793 lb uplift at joint 11 and 347 lb uplift at joint 7.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

July 17,2008

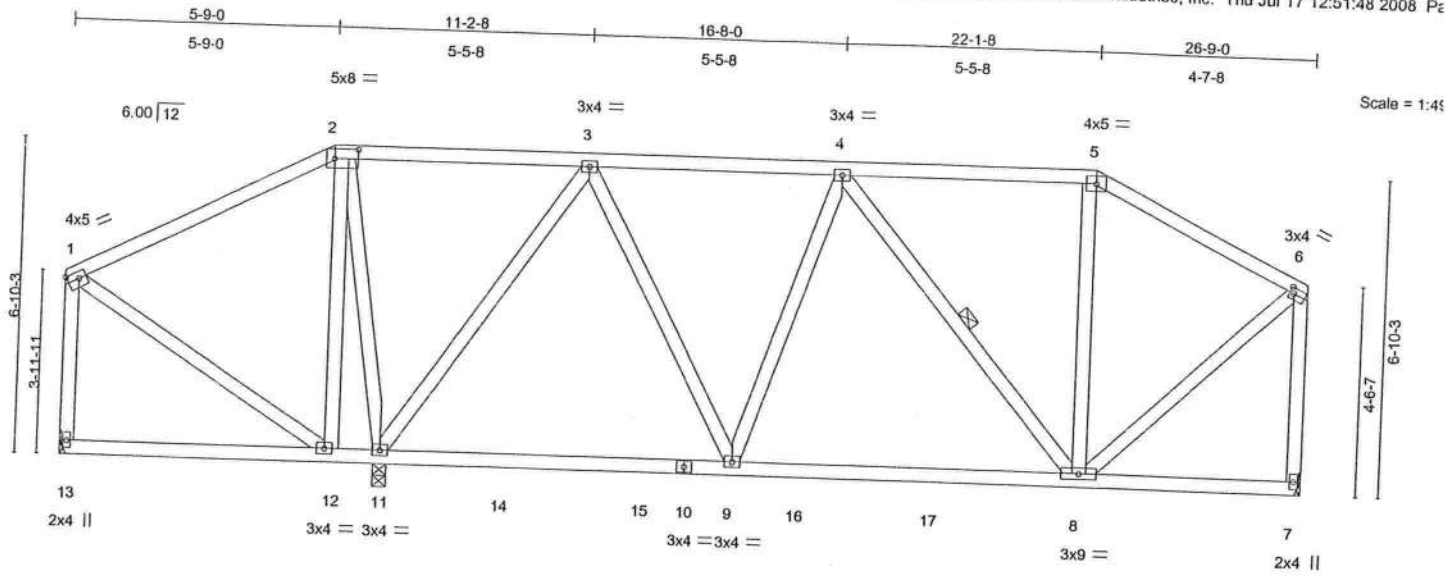
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	M4	HIP	1	1		I14229

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:48 2008 Pa



Scale = 1:4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.04	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.12	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(TL)	-0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 183 lb	

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

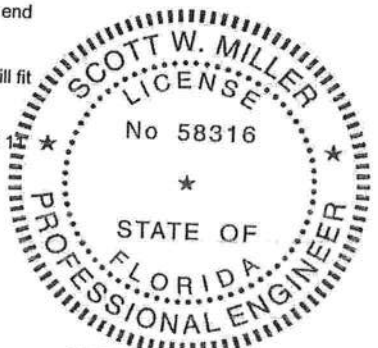
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 13=109/Mechanical, 11=1352/0-3-8, 7=773/Mechanical
Max Horz 13=318(LC 3)
Max Uplift 13=-94(LC 4), 11=-664(LC 3), 7=-316(LC 5)
Max Grav 13=117(LC 8), 11=1352(LC 1), 7=774(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-527/338, 4-5=-447/328, 5-6=-554/313, 6-7=-742/335
BOT CHORD 12-13=-264/239, 11-14=-309/328, 14-15=-309/328, 10-15=-309/328, 9-10=-309/328, 9-16=-399/580, 16-17=-399/580, 8-17=-399/580
WEBS 2-11=-420/324, 3-11=-876/531, 3-9=-142/447, 4-8=-252/210, 6-8=-289/590

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 13, 664 lb uplift at joint 11 and 316 lb uplift at joint 7.

LOAD CASE(S) Standard



Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	S1	SPECIAL	1	1		I14229

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:49 2008 P

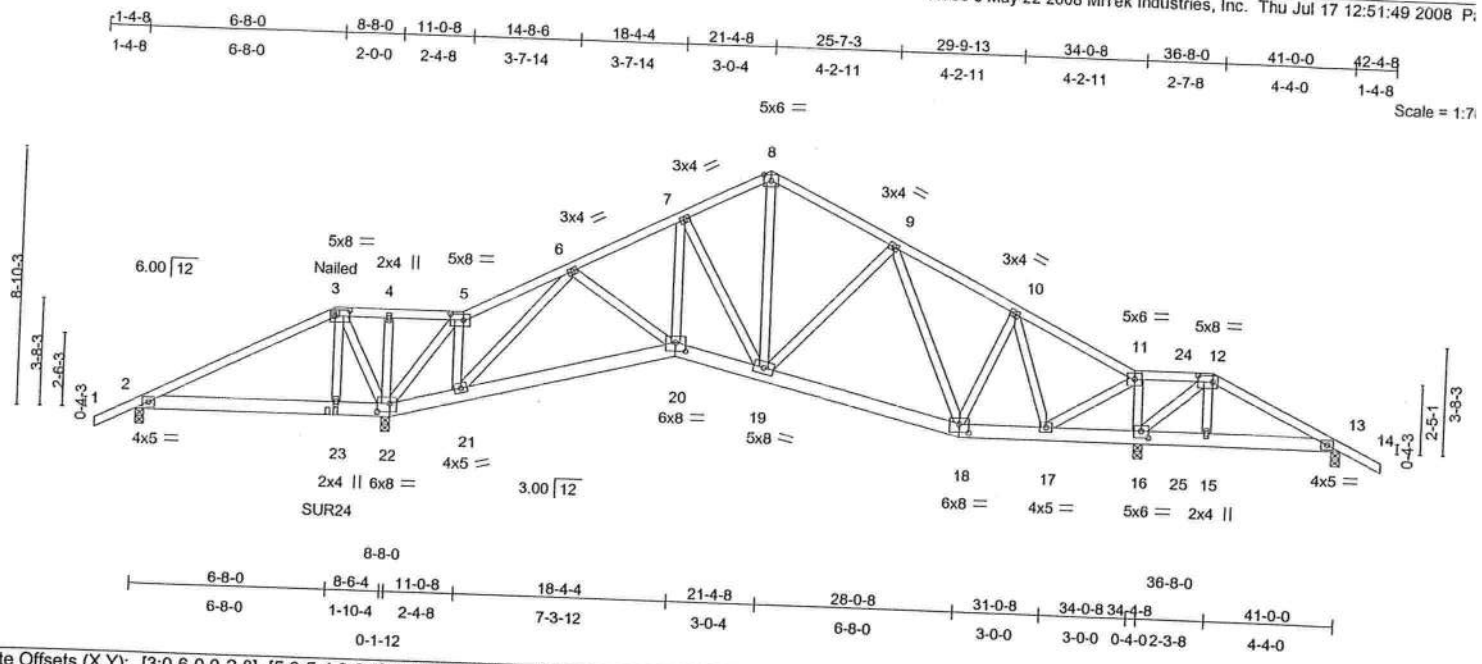


Plate Offsets (X,Y): [3:0-6-0,0-2-8], [5:0-5-4,0-2-8], [12:0-6-0,0-2-8], [16:0-3-0,0-2-12], [18:0-4-0,0-3-8], [20:0-4-0,0-3-8], [22:0-5-4,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.05	20	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.10	20-21	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.68	Horz(TL)	0.04	16	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 276 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 2=-212(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-248(LC 4), 22=-1462(LC 4), 13=-283(LC 5), 16=-979(LC 5)
Max Grav All reactions 250 lb or less at joint(s) except 2=287(LC 8), 22=2319(LC 1), 13=292(LC 9), 16=1698(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-56/266, 3-4=-342/724, 4-5=-342/725, 6-7=-1081/509, 7-8=-813/500, 8-9=-835/482, 9-10=-733/518, 10-11=-426/287, 11-24=-251/585, 12-24=-251/585
BOT CHORD 21-22=-55/325, 20-21=-240/728, 19-20=-196/954, 18-19=-133/752, 17-18=-65/509, 16-17=-515/373
WEBS 3-23=-85/417, 3-22=-1190/847, 4-22=-190/298, 5-22=-1198/528, 5-21=-201/764, 6-21=-1134/518, 6-20=0/287, 7-20=-69/322, 7-19=-452/273, 8-19=-258/467, 9-19=-105/283, 9-18=-301/124, 10-17=-644/308, 11-17=-421/1037, 11-16=-1030/644, 12-16=-753/460

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 248 lb uplift at joint 2, 1462 lb uplift at joint 22, 283 lb uplift at joint 13 and 979 lb uplift at joint 16.
6) Use Simpson Strong-Tie SUR24 (4-10d Girder, 4-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 6-8-0 from the left end to connect truss(es) CJ9A (1 ply 2 X 4 SYP) to back face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
7) Fill all nail holes where hanger is in contact with lumber.
8) "Nailed" indicates 3-10d or 2-12d common wire toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 174 lb down and 221 lb up at 8-3-12, and 102 lb down and 134 lb up at 34-7-4, and 220 lb down and 274 lb up at 36-8-0 on top chord, and 45 lb down at 8-6-4, and 21 lb down at 34-7-4, and 80 lb down at 36-8-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) 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

Continued on page 2

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	S1	SPECIAL	1	1		I14229
Reese Building Components, INC., Sylvester Ga.					Job Reference (optional)	

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:49 2008 P

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-60, 3-5=-60, 5-8=-60, 8-11=-60, 11-12=-60, 12-14=-60, 2-22=-20, 20-22=-20, 18-20=-20, 13-18=-20

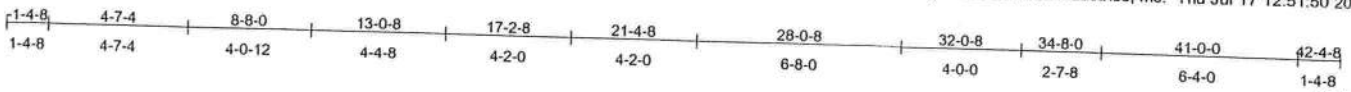
Concentrated Loads (lb)

Vert: 3=-210(B) 12=-180(B) 22=-45(B) 23=-343(B) 4=-134(B) 15=-80(B) 24=-62(B) 25=-21(B)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I14229
1365	S2	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:50 2008 Pa



Scale = 1:7

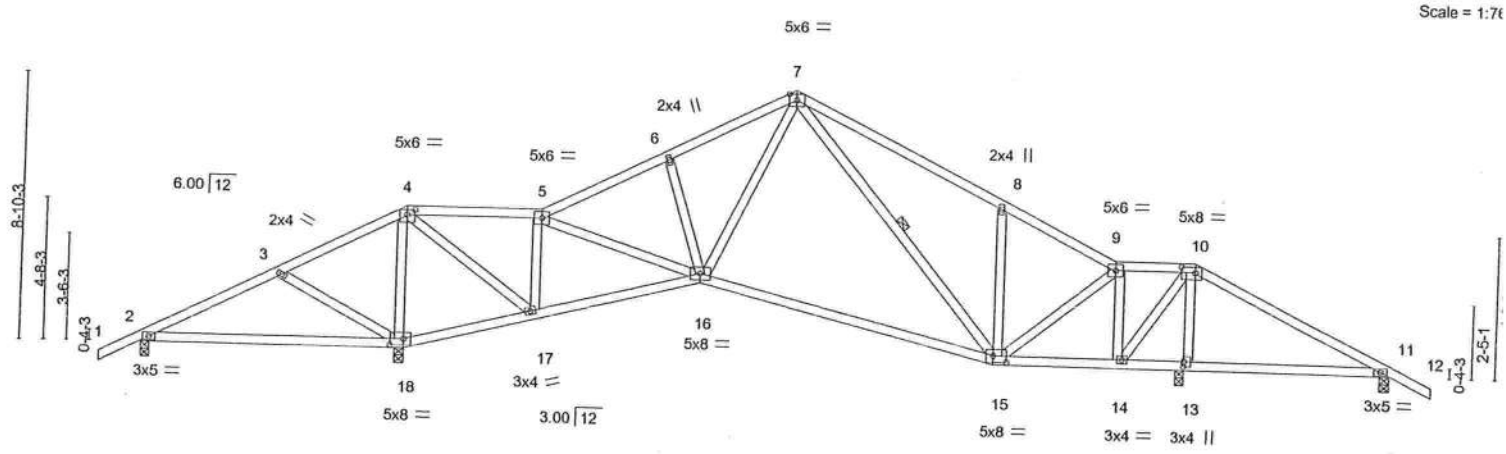


Plate Offsets (X,Y): [4:0-3-0,0-2-0], [10:0-5-8,0-2-4], [13:0-2-0,0-0-4], [15:0-5-4,0-2-8], [18:0-5-4,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.05	16	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.33	15-16	>954	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.03	13	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 227 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-15

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 2=-209(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-121(LC 4), 18=-950(LC 4), 11=-161(LC 5), 13=-779(LC 5)
Max Grav All reactions 250 lb or less at joint(s) 2, 11 except 18=1816(LC 1), 13=1474(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-215/537, 3-4=-384/838, 4-5=-213/303, 5-6=-1019/469, 6-7=-941/533, 7-8=-795/702, 8-9=-720/466, 10-11=-217/539
BOT CHORD 2-18=-410/272, 17-18=-741/483, 16-17=-68/281, 15-16=-73/673, 13-14=-456/384, 11-13=-398/348
WEBS 3-18=-331/333, 4-18=-1319/764, 4-17=-568/1162, 5-17=-918/495, 5-16=-147/644, 6-16=-223/257, 7-16=-153/430, 7-15=-324/127, 8-15=-382/459, 9-15=-224/635, 9-14=-781/396, 10-14=-479/921, 10-13=-1294/802

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 2, 950 lb uplift at joint 18, 161 lb uplift at joint 11 and 779 lb uplift at joint 13.

LOAD CASE(S) Standard

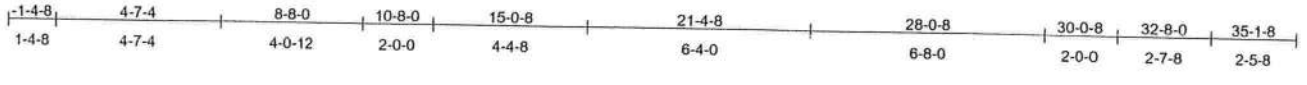
SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	S3	SPECIAL	1	1		I142294
Reese Building Components, INC., Sylvester Ga.					Job Reference (optional)	

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:51 2008 Pa



Scale = 1:65

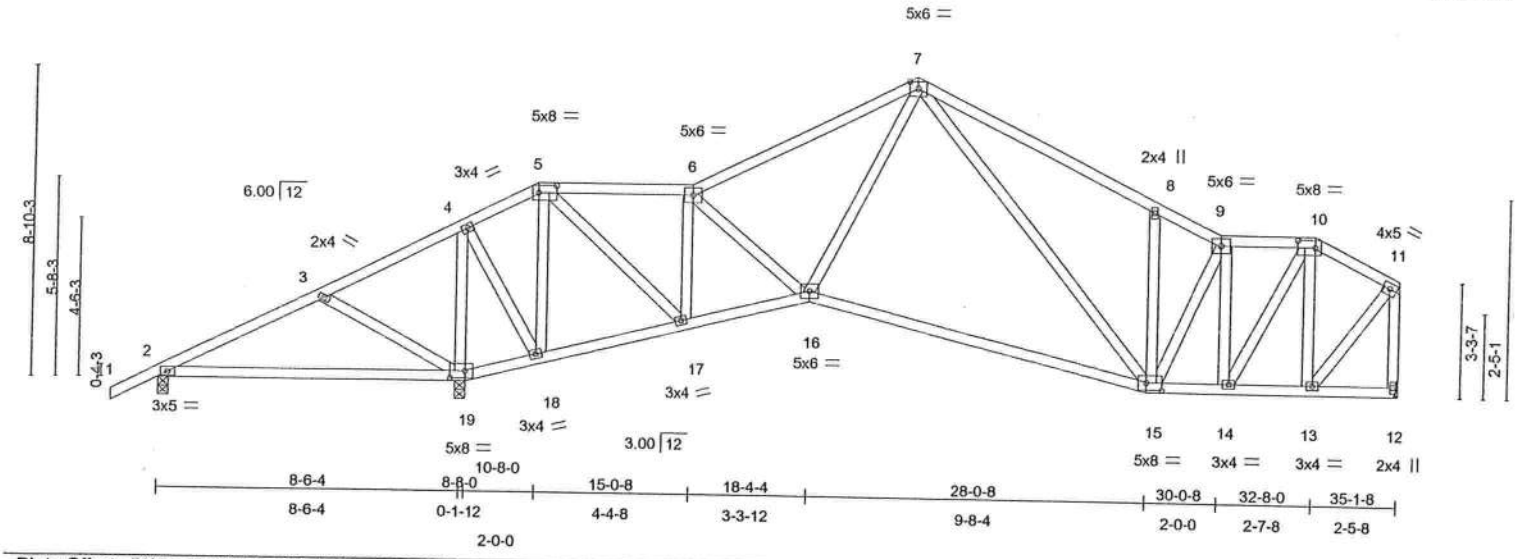


Plate Offsets (X,Y): [5:0-6-0,0-2-8], [10:0-6-0,0-2-8], [15:0-5-4,0-2-8], [19:0-5-4,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	0.07	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.35	15-16	>912	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.05	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 225 lb	

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

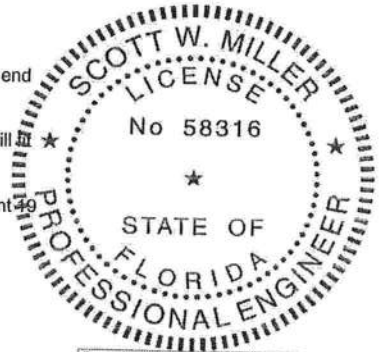
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-7-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=51/0-3-8, 19=1900/0-3-8, 12=926/Mechanical
Max Horz 2=342(LC 3)
Max Uplift2=-102(LC 4), 19=-1008(LC 4), 12=-486(LC 5)
Max Grav 2=120(LC 8), 19=1900(LC 1), 12=926(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-255/541, 3-4=-425/842, 5-6=-678/428, 6-7=-1138/575, 7-8=-1125/815, 8-9=-1014/582, 9-10=-820/524, 10-11=-578/363, 11-12=-901/499
BOT CHORD 2-19=-414/225, 18-19=-800/452, 17-18=-233/267, 16-17=-311/756, 15-16=-215/830, 14-15=-353/843, 13-14=-170/475
WEBS 3-19=-336/334, 4-19=-1379/819, 4-18=-521/1097, 5-18=-1067/524, 5-17=-586/1207, 6-17=-1009/527, 6-16=0/340, 7-16=-105/389, 7-15=-378/346, 8-15=-391/455, 9-14=-657/266, 10-14=-343/681, 10-13=-525/306, 11-13=-355/764

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 102 lb uplift at joint 2, 1008 lb uplift at joint 19 and 486 lb uplift at joint 12.

LOAD CASE(S) Standard



Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	S4	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:52 2008 Pa

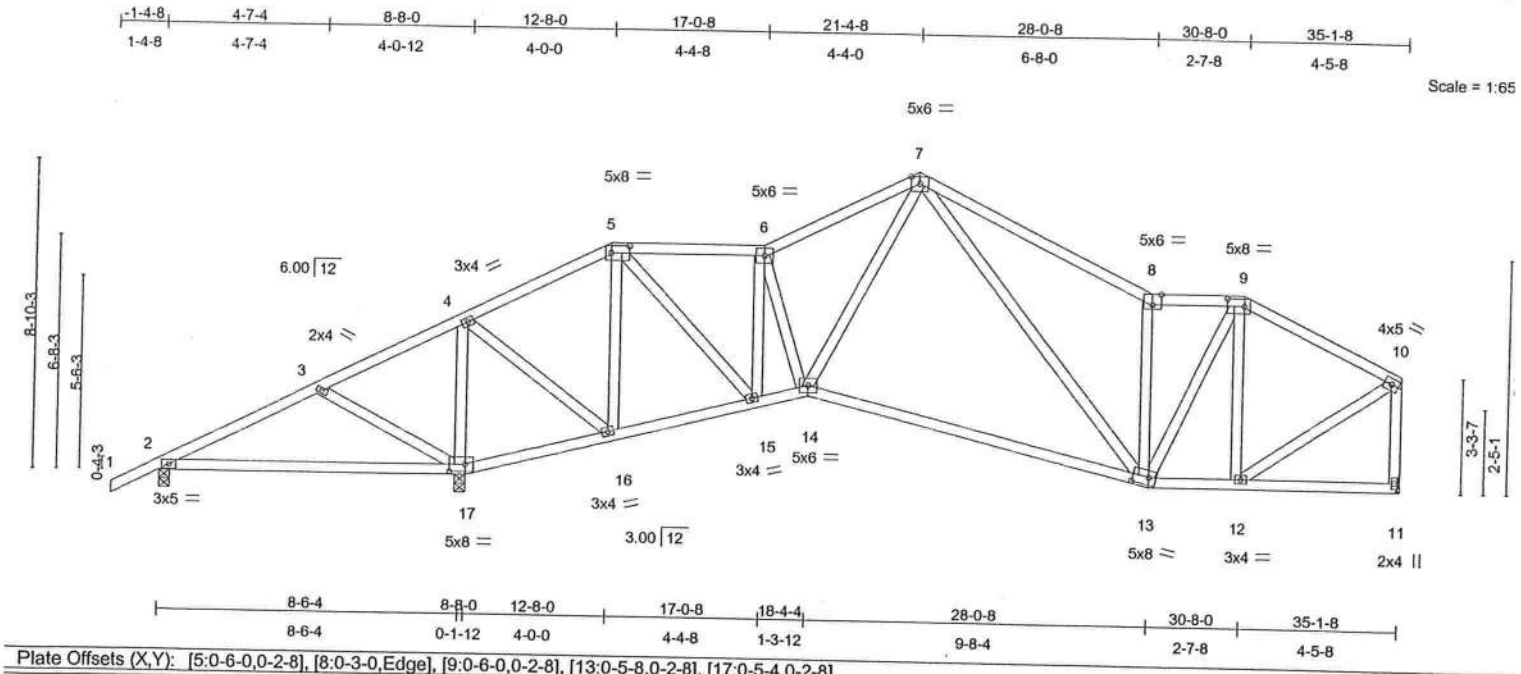


Plate Offsets (X,Y): [5:0-6-0,0-2-8], [8:0-3-0,Edge], [9:0-6-0,0-2-8], [13:0-5-8,0-2-8], [17:0-5-4,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.07	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.32	13-14	>985	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.05	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 221 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-17,16-17.

REACTIONS (lb/size) 2=87/0-3-8, 17=1853/0-3-8, 11=938/Mechanical
Max Horz 2=342(LC 3)
Max Uplift2=-115(LC 4), 17=-990(LC 4), 11=-489(LC 5)
Max Grav 2=150(LC 8), 17=1853(LC 1), 11=938(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-230/469, 3-4=-393/765, 4-5=-316/242, 5-6=-908/529, 6-7=-1169/631, 7-8=-1129/806, 8-9=-955/618, 9-10=-793/473, 10-11=-882/512
BOT CHORD 2-17=-350/204, 16-17=-724/429, 14-15=-329/993, 13-14=-212/848, 12-13=-231/645
WEBS 3-17=-329/322, 4-17=-1368/816, 4-16=-521/1157, 5-16=-868/448, 5-15=-414/996, 6-15=-925/356, 6-14=0/295, 7-14=-194/496, 7-13=-366/317, 8-13=-777/668, 9-13=-297/658, 9-12=-416/189, 10-12=-312/741

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 2, 990 lb uplift at joint 17 and 489 lb uplift at joint 11.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	S5	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:53 2008 Pag

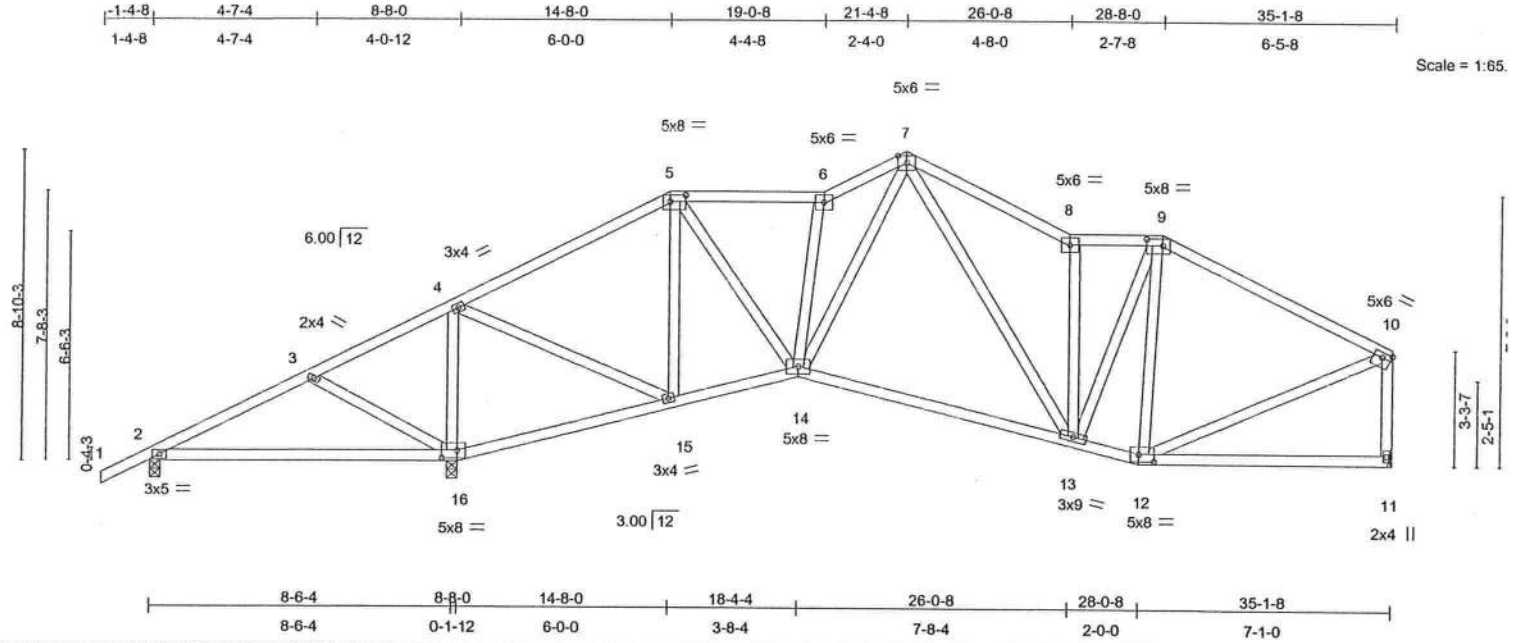


Plate Offsets (X,Y): [5:0-5-8,0-2-4], [9:0-5-8,0-2-4], [10:Edge,0-1-12], [12:0-5-4,0-2-8], [16:0-5-4,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	0.07	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.22	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.04	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 223 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=122/0-3-8, 16=1807/0-3-8, 11=949/Mechanical
Max Horz 2=342(LC 3)
Max Uplift2=-127(LC 4), 16=-975(LC 4), 11=-493(LC 5)
Max Grav 2=178(LC 8), 16=1807(LC 1), 11=949(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-229/400, 3-4=-358/677, 4-5=-667/368, 5-6=-959/540, 6-7=-1167/698, 7-8=-1115/788, 8-9=-934/613, 9-10=-944/539, 10-11=-874/523
BOT CHORD 2-16=-292/207, 15-16=-635/396, 14-15=-186/535, 13-14=-218/855, 12-13=-249/757
WEBS 3-16=-295/287, 4-16=-1346/836, 4-15=-519/1225, 5-15=-707/359, 5-14=-255/757, 6-14=-628/423, 7-14=-290/558, 7-13=-369/351, 8-13=-622/481, 9-13=-188/523, 9-12=-416/216, 10-12=-277/746

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 2, 975 lb uplift at joint 16 and 493 lb uplift at joint 11.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	T1	HOWE	1	2	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:54 2008 Pa

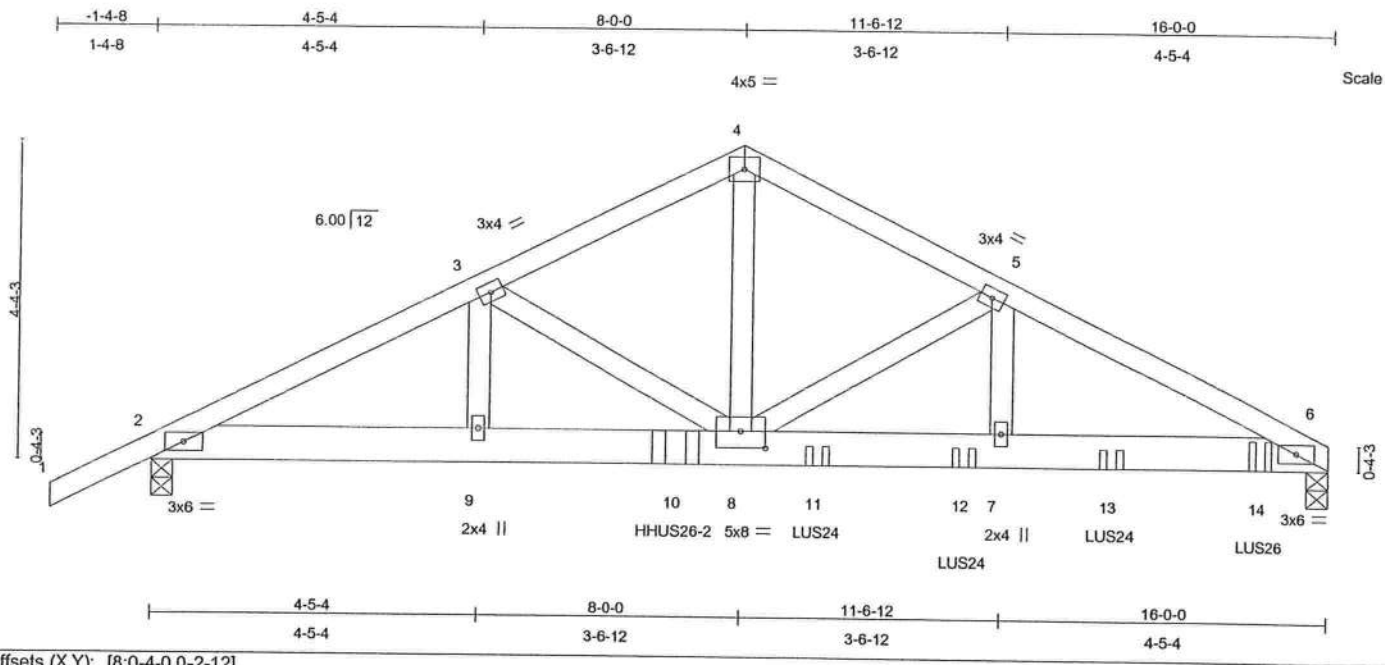


Plate Offsets (X,Y): [8:0-4-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	0.10	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.14	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.52	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 177 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-9-0 oc bracing.

REACTIONS (lb/size) 2=2256/0-3-8, 6=3780/0-3-8
Max Horz 2=148(LC 4)
Max Uplift2=-1495(LC 4), 6=-2035(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4431/2776, 3-4=-3942/2550, 4-5=-3955/2542, 5-6=-5775/3300
BOT CHORD 2-9=-2468/3893, 9-10=-2468/3893, 8-10=-2468/3893, 8-11=-2868/5124, 11-12=-2868/5124, 7-12=-2868/5124, 7-13=-2868/5124, 13-14=-2868/5124, 6-14=-2868/5124
WEBS 3-9=-152/275, 4-8=-2088/3251, 5-7=-619/1584, 3-8=-475/396, 5-8=-1918/948

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
5) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 1495 lb uplift at joint 2 and 2035 lb uplift at joint 6.
7) Use Simpson Strong-Tie HHUS26-2 (14-10d Girder, 6-10d Truss, Single Ply Girder) or equivalent at 7-1-8 from the left end to connect truss(es) M1 (2 ply 2 X 6 SYP) to front face of bottom chord.
8) Use Simpson Strong-Tie LUS24 (4-10d Girder, 2-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 13-0-12 to connect truss(es) M2 (1 ply 2 X 4 SYP) to front face of bottom chord.
9) Use Simpson Strong-Tie LUS26 (4-10d Girder, 4-10d Truss, Single Ply Girder) or equivalent at 15-0-12 from the left end to connect truss(es) H13 (1 ply 2 X 4 SYP) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

Continued on page 2

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	T1	HOWE	1	2	I142294

Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 2-6=-20, 1-4=-60, 4-6=-60
   Concentrated Loads (lb)
      Vert: 10=-1494(F) 11=-682(F) 12=-724(F) 13=-754(F) 14=-1034(F)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	T2	COMMON	3	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:55 2008 Pag

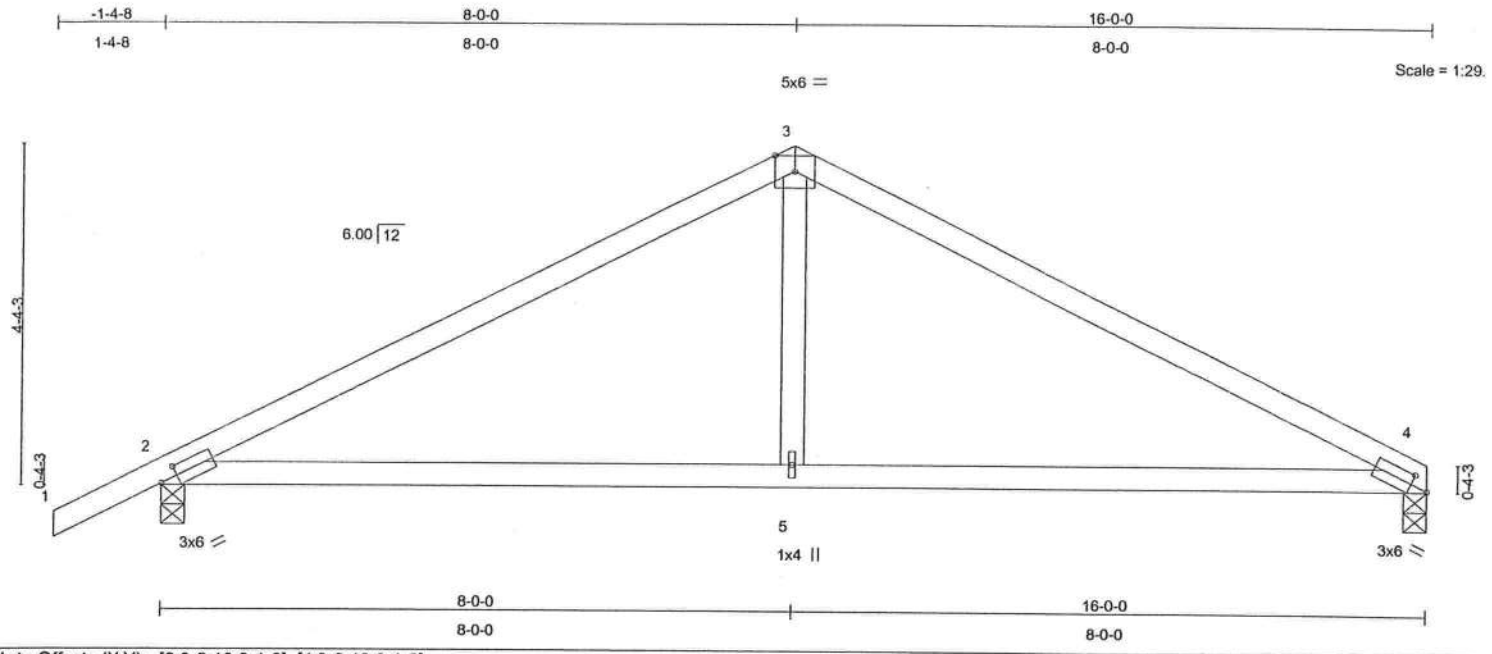


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.15	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.24	4-5	>770	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.02	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 59 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=624/0-3-8, 2=724/0-3-8
Max Horz 2=142(LC 4)
Max Uplift4=-313(LC 5), 2=-449(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-933/441, 3-4=-931/424
BOT CHORD 2-5=-280/747, 4-5=-280/747

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 313 lb uplift at joint 4 and 449 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	T3	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:56 2008 Pag

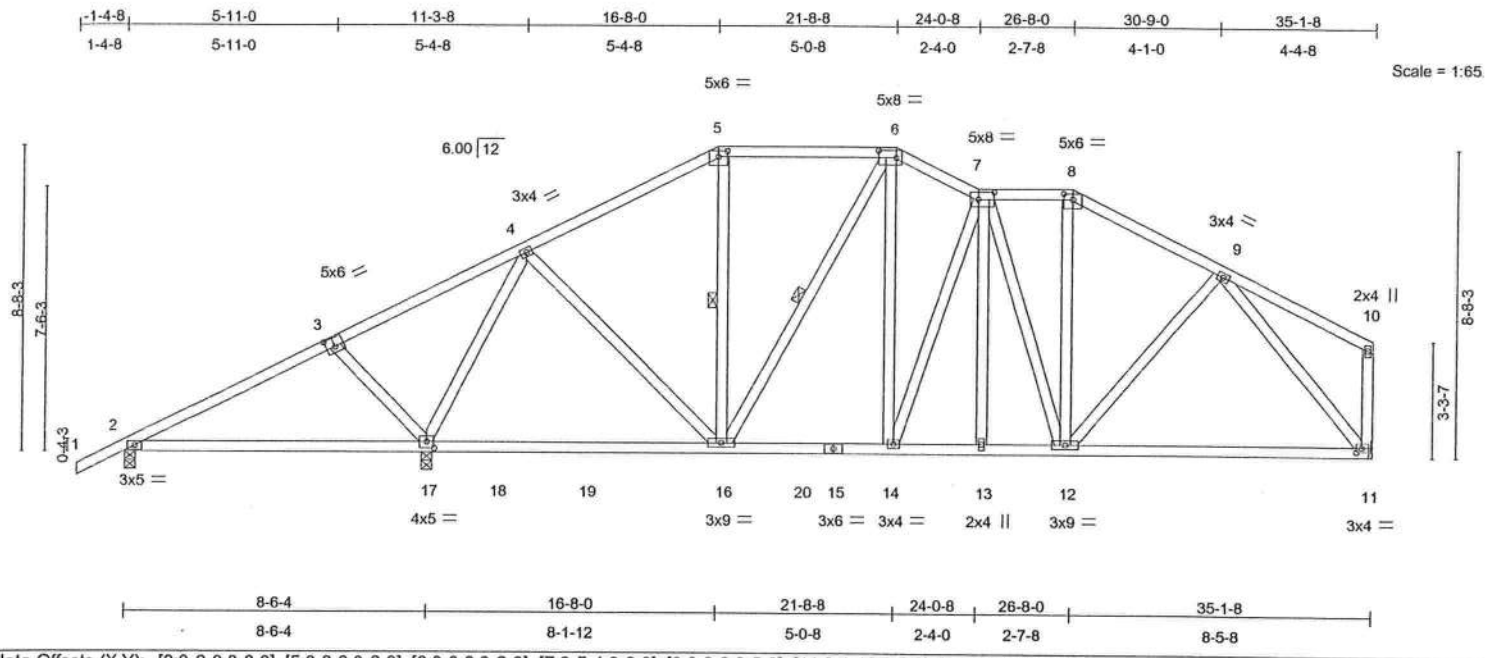


Plate Offsets (X,Y): [3:0-3-0,0-3-0], [5:0-3-0,0-2-0], [6:0-6-0,0-2-8], [7:0-5-4,0-2-8], [8:0-3-0,0-2-0], [11:0-1-12,0-1-8], [17:0-2-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.05	16-17	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.16	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.03	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 241 lb	

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

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

REACTIONS (lb/size) 2=295/0-3-8, 17=1640/0-3-8, 11=1043/Mechanical
Max Horz 2=339(LC 3)
Max Uplift2=-216(LC 4), 17=-795(LC 4), 11=-514(LC 5)
Max Grav 2=317(LC 8), 17=1640(LC 1), 11=1043(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-192/339, 4-5=-846/494, 5-6=-692/492, 6-7=-919/606, 7-8=-849/592, 8-9=-1002/596
BOT CHORD 17-18=-197/323, 18-19=-197/323, 16-19=-197/323, 16-20=-301/827, 15-20=-301/827, 14-15=-301/827, 13-14=-317/911, 12-13=-317/911, 11-12=-268/710
WEBS 3-17=-342/384, 4-17=-1291/658, 4-16=-117/529, 6-16=-327/197, 6-14=-267/377, 7-14=-283/316, 9-11=-1030/496

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 2, 795 lb uplift at joint 17 and 514 lb uplift at joint 11.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	T4	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:57 2008 Pa

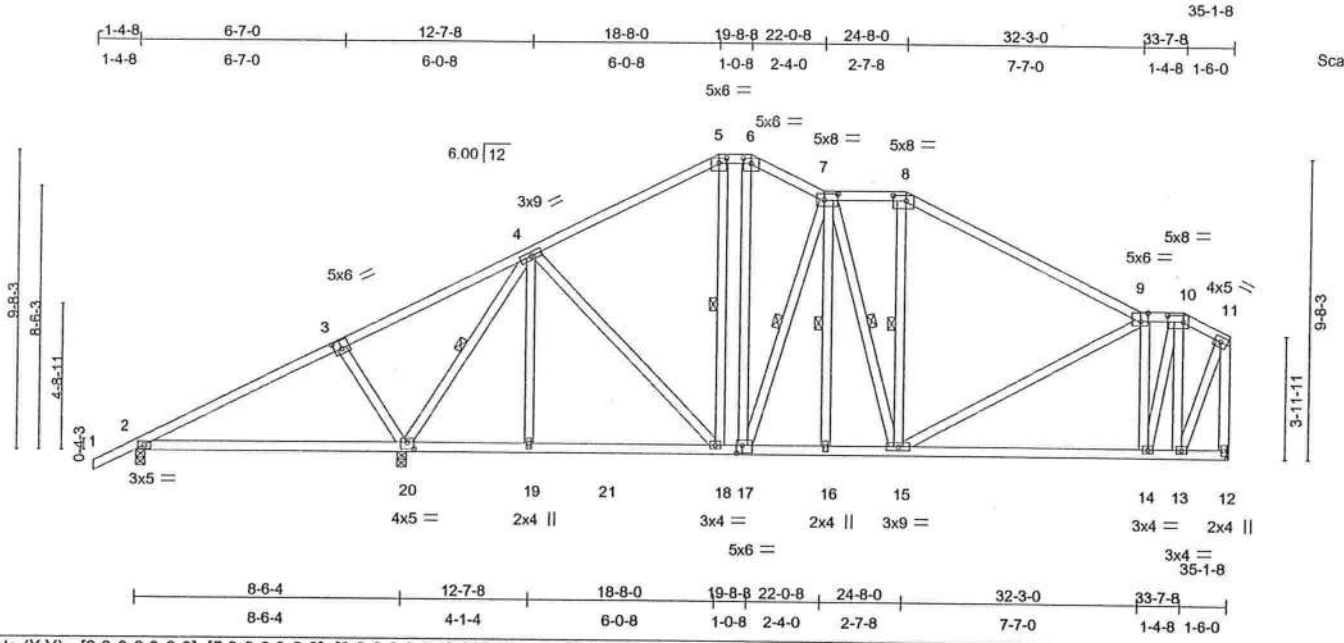


Plate Offsets (X,Y): [3:0-3-0,0-3-0], [5:0-3-0,0-2-0], [6:0-3-0,0-2-0], [7:0-5-4,0-2-8], [8:0-5-0,0-2-0], [9:0-2-12,0-3-4], [10:0-6-0,0-2-8], [17:0-2-4,0-3-0], [20:0-2-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	0.05	14-15	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.20	2-20	>498	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 268 lb	

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

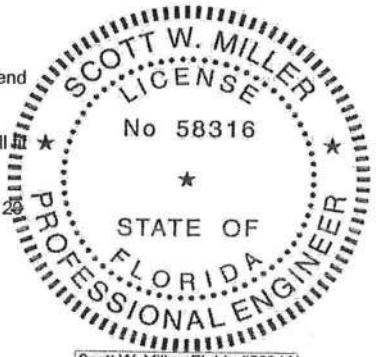
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-20.
WEBS 1 Row at midpt 4-20, 5-18, 7-17, 7-16, 7-15, 8-15

REACTIONS (lb/size) 2=305/0-3-8, 20=1601/0-3-8, 12=1021/Mechanical
Max Horz 2=392(LC 3)
Max Uplift2=-199(LC 4), 20=-839(LC 4), 12=-526(LC 5)
Max Grav 2=320(LC 8), 20=1601(LC 1), 12=1021(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-185/342, 4-5=-833/562, 5-6=-671/560, 6-7=-752/571, 7-8=-806/633, 8-9=-1003/588, 9-10=-601/415, 10-11=-398/295, 11-12=-995/565
BOT CHORD 19-20=-221/471, 19-21=-221/471, 18-21=-221/471, 17-18=-227/671, 16-17=-253/787, 15-16=-253/787, 14-15=-269/633, 13-14=-119/292
WEBS 3-20=-371/420, 4-20=-1326/636, 4-18=-70/302, 6-17=-254/295, 7-17=-468/407, 9-14=-975/747, 10-14=-637/1155, 10-13=-777/230, 11-13=-359/798

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 199 lb uplift at joint 2, 839 lb uplift at joint 20 and 526 lb uplift at joint 12.

LOAD CASE(S) Standard



Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	T5	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:58 2008 Pag

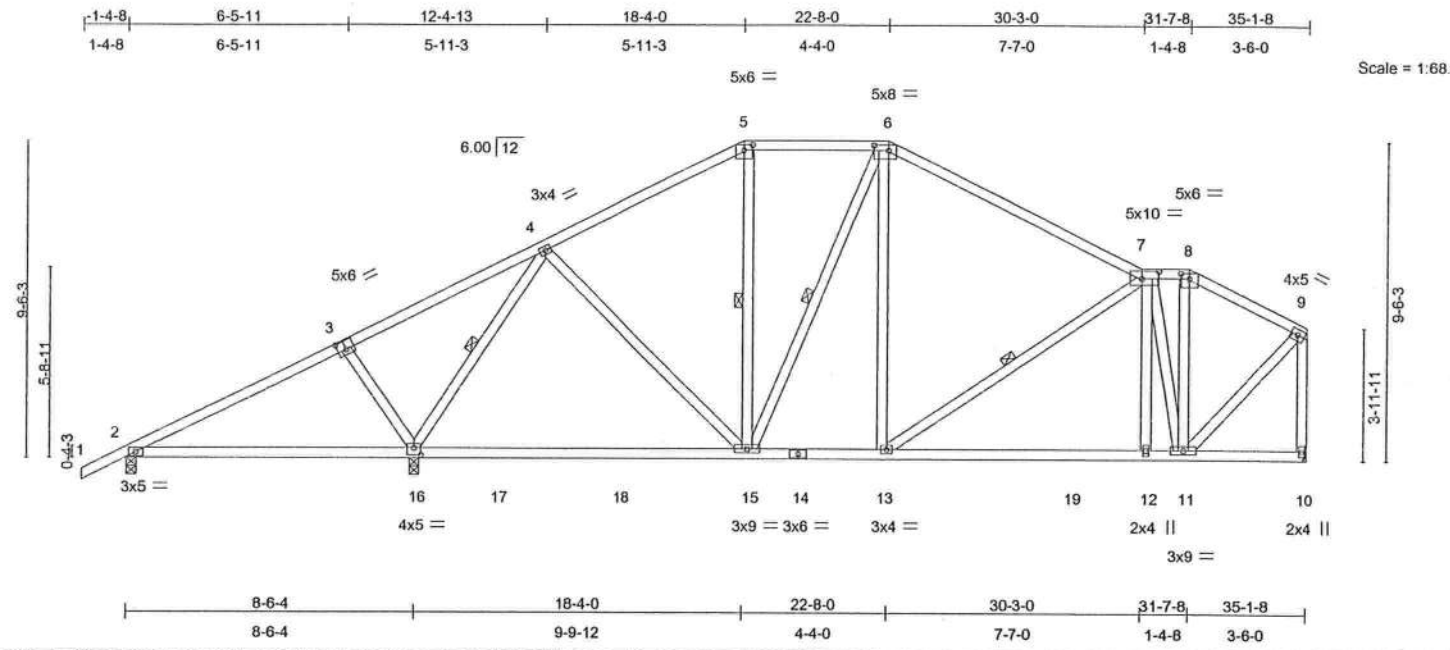


Plate Offsets (X,Y): [3:0-3-0,0-3-0], [5:0-3-0,0-2-0], [6:0-5-4,0-2-0], [7:0-5-12,0-2-12], [8:0-3-0,0-2-0], [16:0-2-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.63	Vert(LL)	-0.12	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.36	15-16	>870	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.03	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 231 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-16.
WEBS 1 Row at midpt 4-16, 5-15, 6-15, 7-13

REACTIONS (lb/size) 2=307/0-3-8, 16=1650/0-3-8, 10=1089/Mechanical
Max Horz 2=388(LC 3)
Max Uplift2=-215(LC 4), 16=-812(LC 4), 10=-502(LC 5)
Max Grav 2=325(LC 8), 16=1650(LC 1), 10=1089(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-169/303, 4-5=-901/514, 5-6=-731/512, 6-7=-993/543, 7-8=-626/419, 8-9=-737/412, 9-10=-1051/526
BOT CHORD 16-17=-262/476, 17-18=-262/476, 15-18=-262/476, 14-15=-253/798, 13-14=-253/798, 13-19=-293/850, 12-19=-293/850, 11-12=-290/856
WEBS 3-16=-356/413, 4-16=-1283/654, 4-15=-46/386, 6-15=-250/199, 7-11=-1040/488, 8-11=-285/328, 9-11=-326/875

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 215 lb uplift at joint 2, 812 lb uplift at joint 16 and 502 lb uplift at joint 10.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	T6	SPECIAL	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:58 2008 Pag

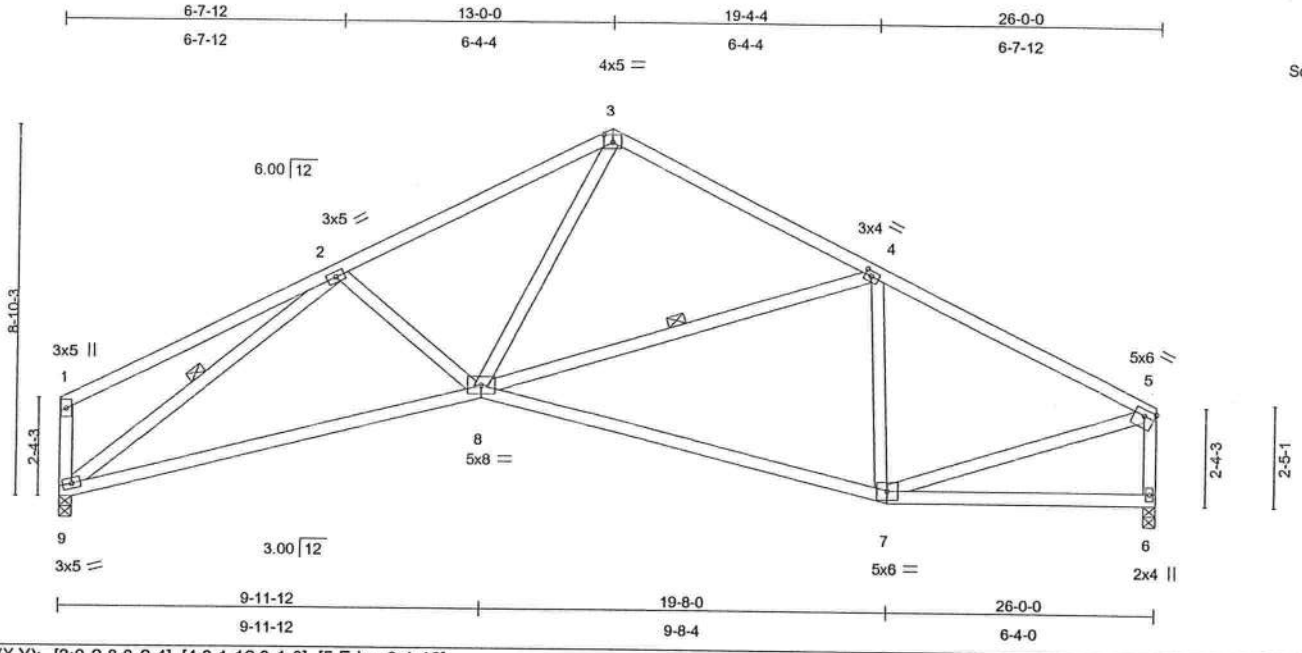


Plate Offsets (X,Y): [3:0-2-8,0-2-4], [4:0-1-12,0-1-8], [5:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	0.10	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.33	7-8	>945	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.10	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 148 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-0 oc bracing.
WEBS 1 Row at midpt 4-8, 2-9

REACTIONS (lb/size) 6=1028/0-3-8, 9=1028/0-3-8
Max Horz 9=267(LC 3)
Max Uplift6=-506(LC 5), 9=-506(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-270/240, 2-3=-1614/838, 3-4=-1179/667, 4-5=-1179/587, 1-9=-274/270, 5-6=-975/523
BOT CHORD 8-9=-738/1419, 7-8=-376/1057
WEBS 2-8=-70/304, 3-8=-406/875, 4-8=-156/296, 4-7=-384/272, 2-9=-1550/710, 5-7=-308/916

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 506 lb uplift at joint 6 and 506 lb uplift at joint 9.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	T7	COMMON	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:59 2008 Pag

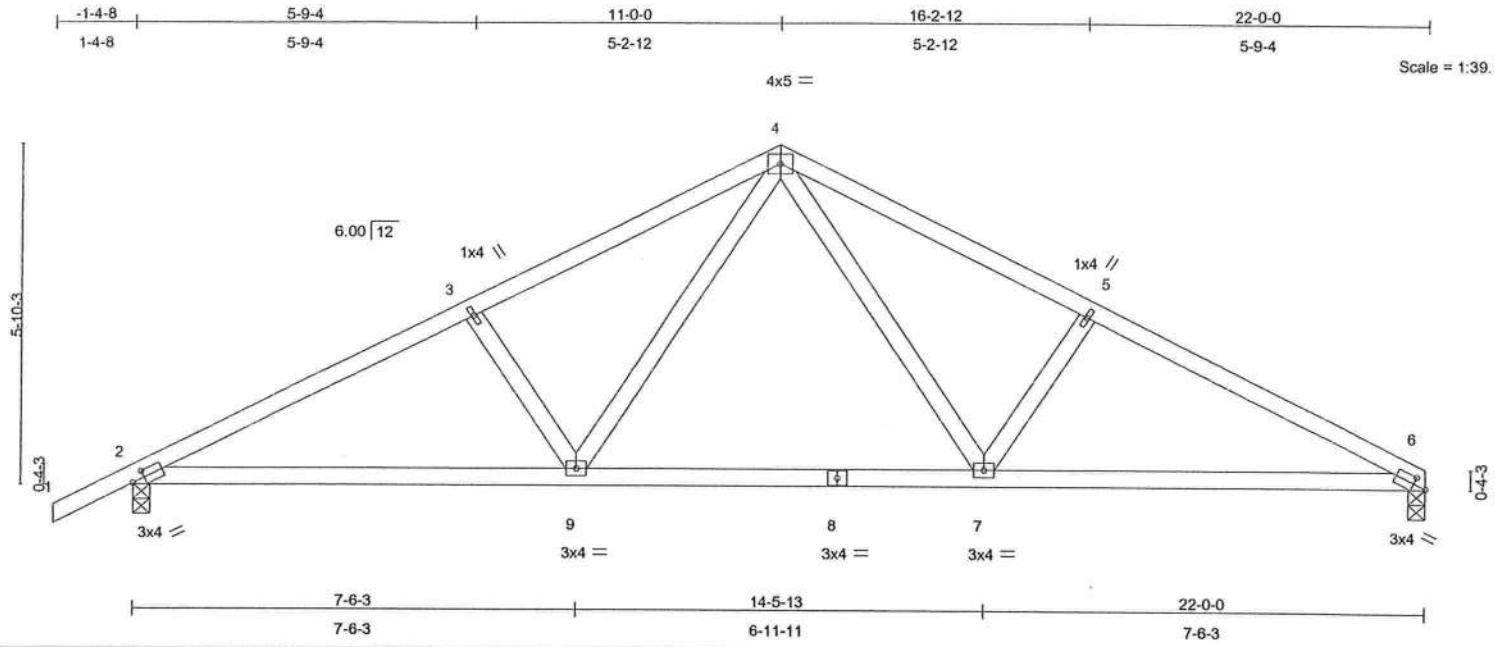


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.09	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.19	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 100 lb	

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

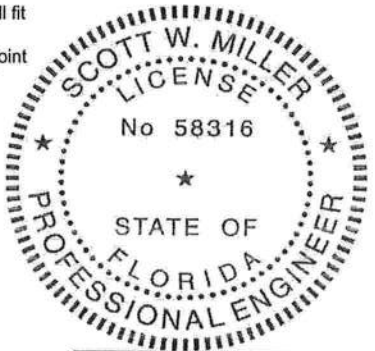
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-4 oc bracing.

REACTIONS (lb/size) 6=865/0-3-8, 2=963/0-3-8
Max Horz 2=172(LC 4)
Max Uplift6=-434(LC 5), 2=-567(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1499/715, 3-4=-1319/706, 4-5=-1331/734, 5-6=-1497/745
BOT CHORD 2-9=-640/1269, 8-9=-305/864, 7-8=-305/864, 6-7=-560/1284
WEBS 3-9=-306/356, 4-9=-271/488, 4-7=-302/506, 5-7=-316/371

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 434 lb uplift at joint 6 and 567 lb uplift at joint 2.

LOAD CASE(S) Standard



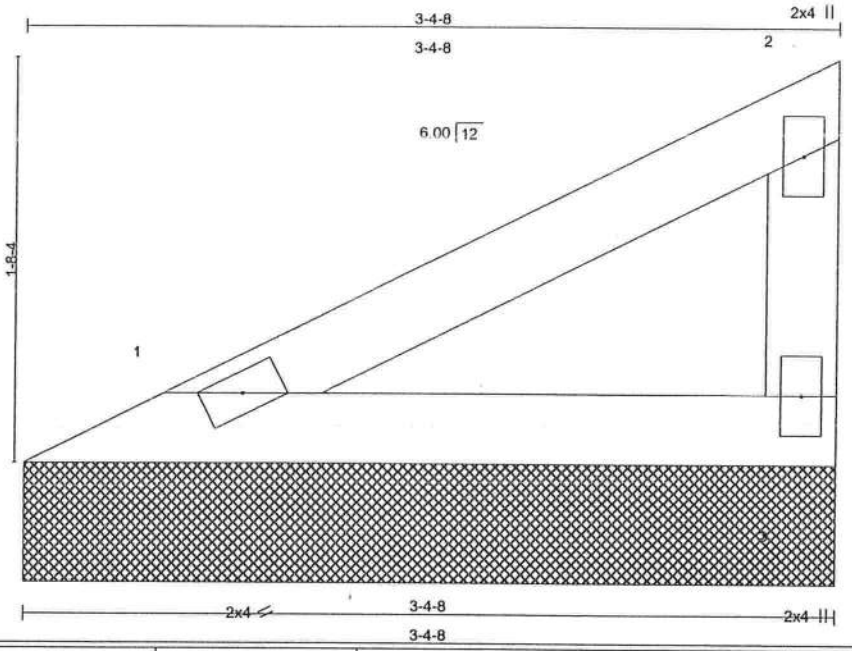
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	V1	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:59 2008 Page



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	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 FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=104/3-4-8, 3=104/3-4-8
Max Horz 1=89(LC 3)
Max Uplift1=-50(LC 4), 3=-71(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 1 and 71 lb uplift at joint 3.

LOAD CASE(S) Standard

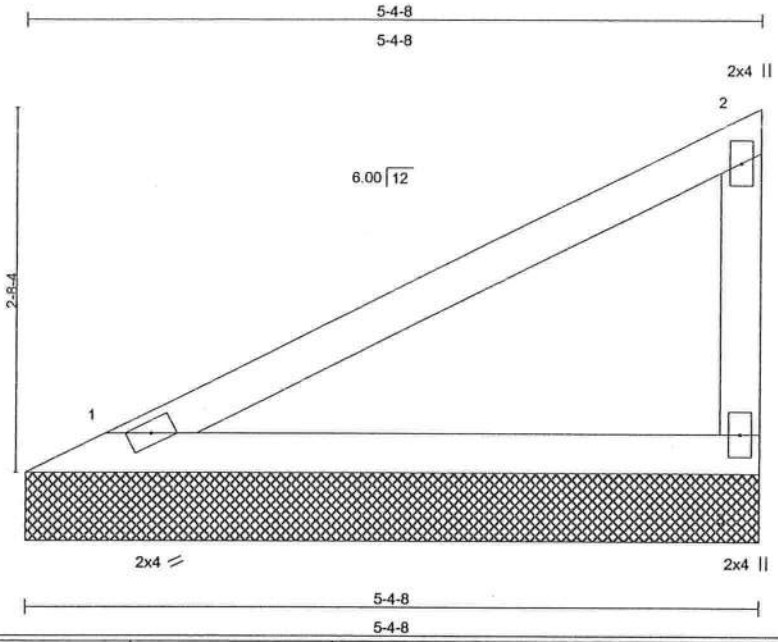
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO. 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	V2	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:00 2008 Pag



Scale = 1:17.

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	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 FBC2004/TPI2002		(Matrix)							Weight: 19 lb	

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

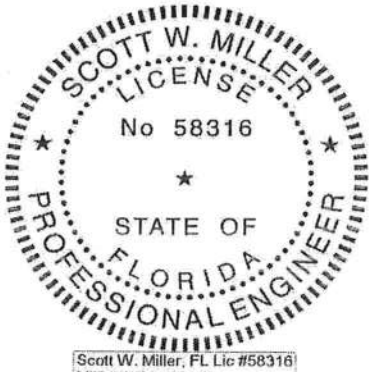
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=184/5-4-8, 3=184/5-4-8
Max Horz 1=156(LC 3)
Max Uplift1=-88(LC 4), 3=-126(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 88 lb uplift at joint 1 and 126 lb uplift at joint 3.

LOAD CASE(S) Standard

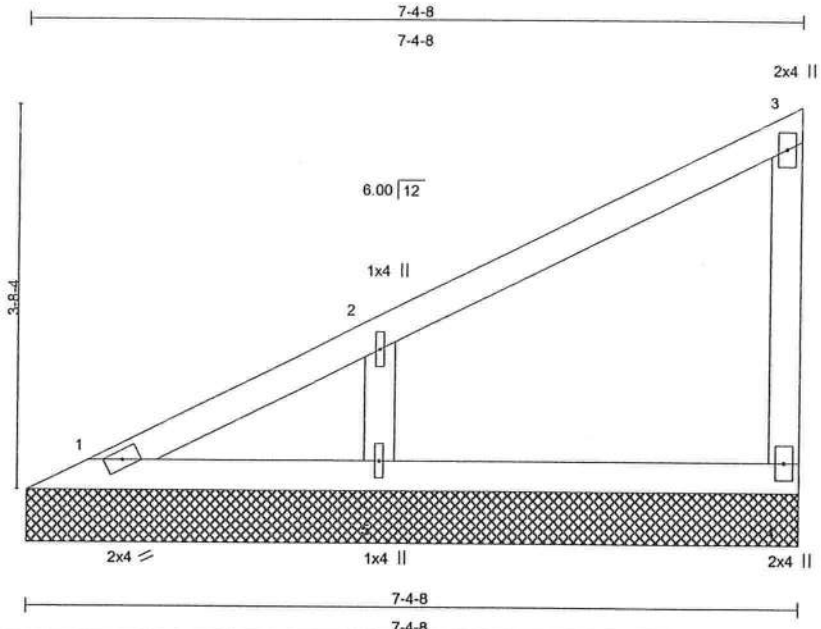


Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO. 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	V3	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:00 2008 Pag



Scale = 1:22.

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

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

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

REACTIONS (lb/size) 1=68/7-4-8, 4=124/7-4-8, 5=338/7-4-8
Max Horz 1=224(LC 3)
Max Uplift4=-70(LC 3), 5=-266(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-253/308

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 4 and 266 lb uplift at joint 5.

LOAD CASE(S) Standard

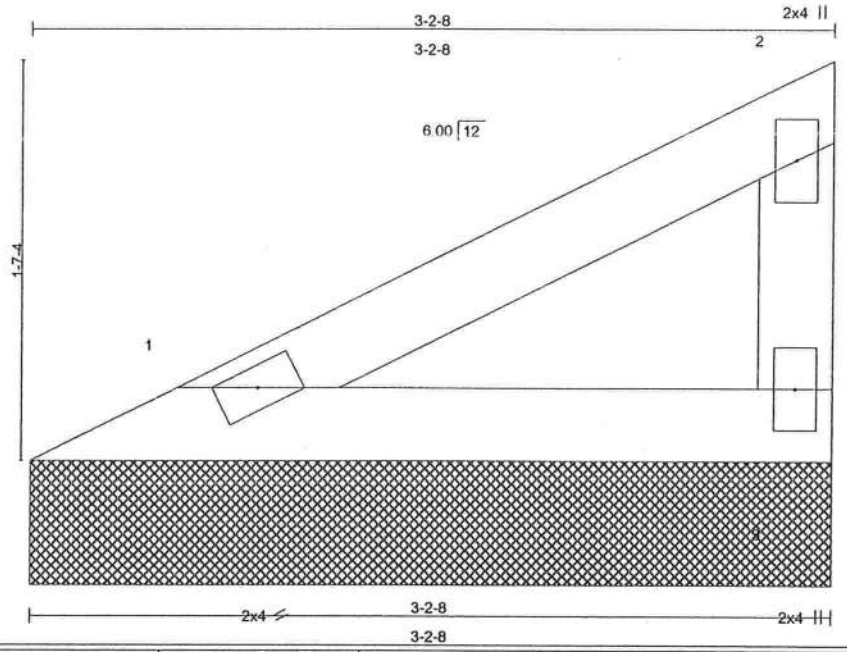
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	V4	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:01 2008 Page



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	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 FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

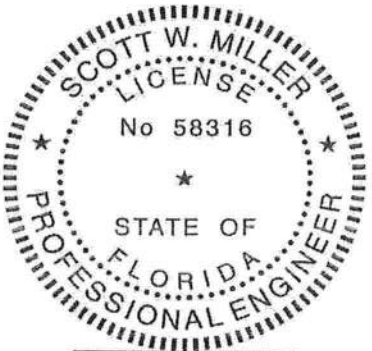
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=98/3-2-8, 3=98/3-2-8
Max Horz 1=83(LC 3)
Max Uplift1=-47(LC 4), 3=-67(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 1 and 67 lb uplift at joint 3.

LOAD CASE(S) Standard



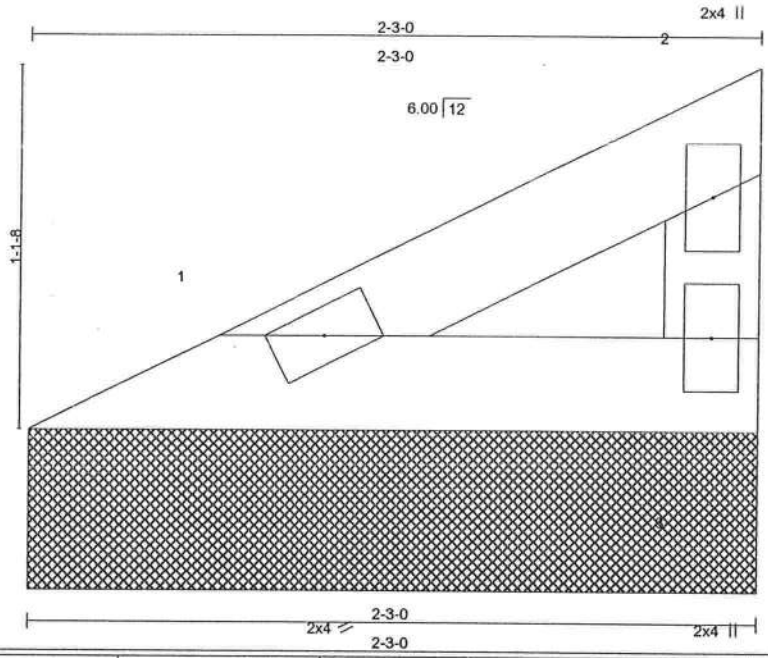
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	V5	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:01 2008 Pag



Scale = 1:7.

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0		Plates Increase	1.25	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0		Lumber Increase	1.25	BC	0.01	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 FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=59/2-3-0, 3=59/2-3-0
Max Horz 1=50(LC 3)
Max Uplift1=-28(LC 4), 3=-41(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 1 and 41 lb uplift at joint 3.

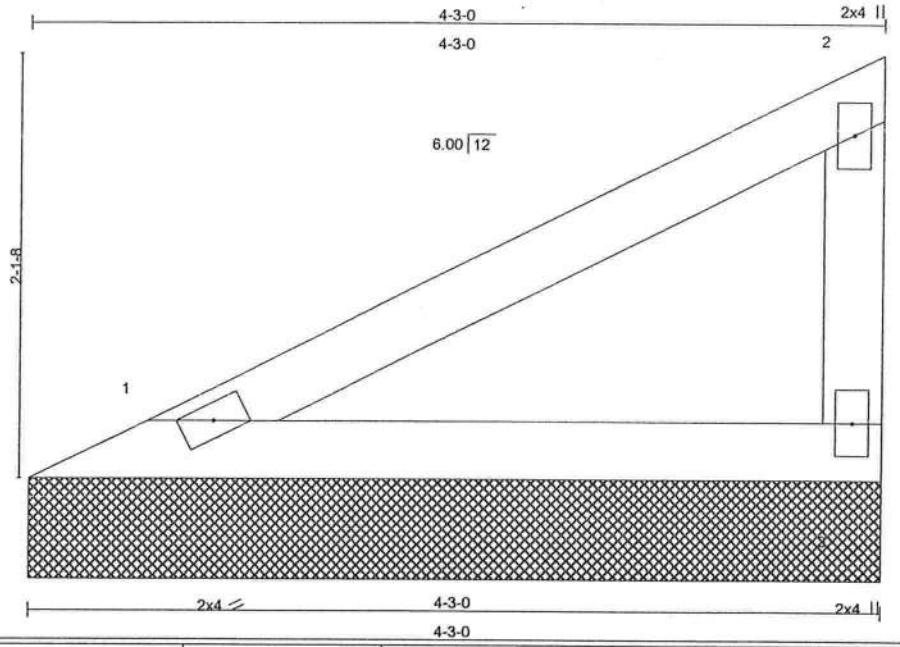
LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422944
1365	V6	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:01 2008 Page



Scale = 1:11.5

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.06	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 FBC2004/TPI2002		(Matrix)							Weight: 15 lb	

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

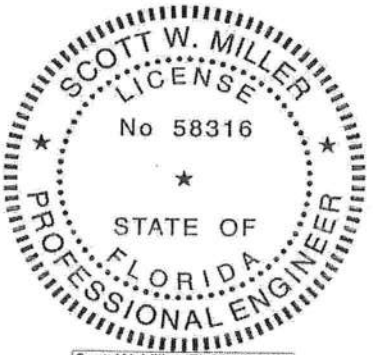
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=139/4-3-0, 3=139/4-3-0
Max Horz 1=118(LC 3)
Max Uplift1=-67(LC 4), 3=-95(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 1 and 95 lb uplift at joint 3.

LOAD CASE(S) Standard



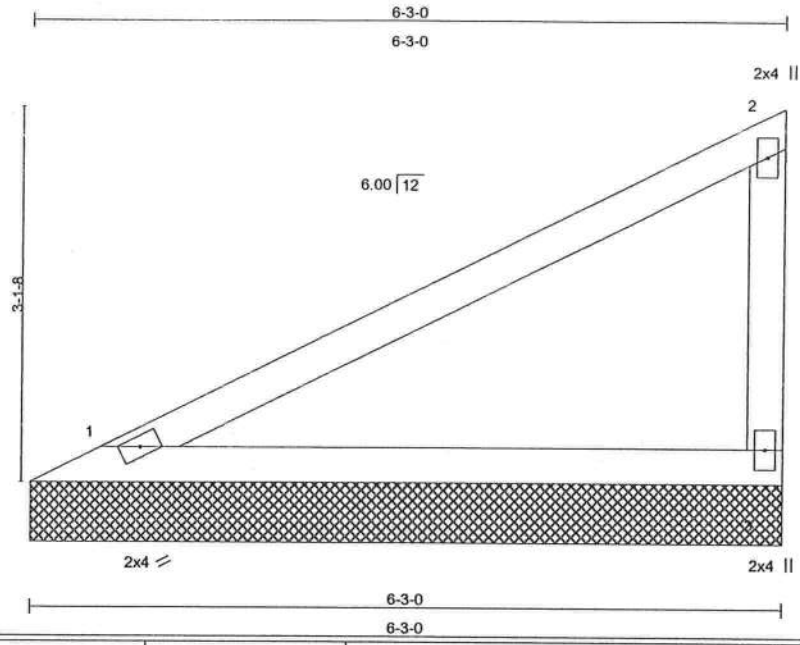
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	V7	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:02 2008 Pag



Scale = 1:19.

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.14	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 FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

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

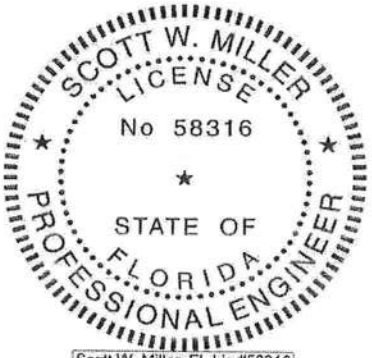
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=219/6-3-0, 3=219/6-3-0
Max Horz 1=186(LC 3)
Max Uplift1=-105(LC 4), 3=-150(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) Gable requires continuous bottom chord bearing.
3) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 1 and 150 lb uplift at joint 3.

LOAD CASE(S) Standard



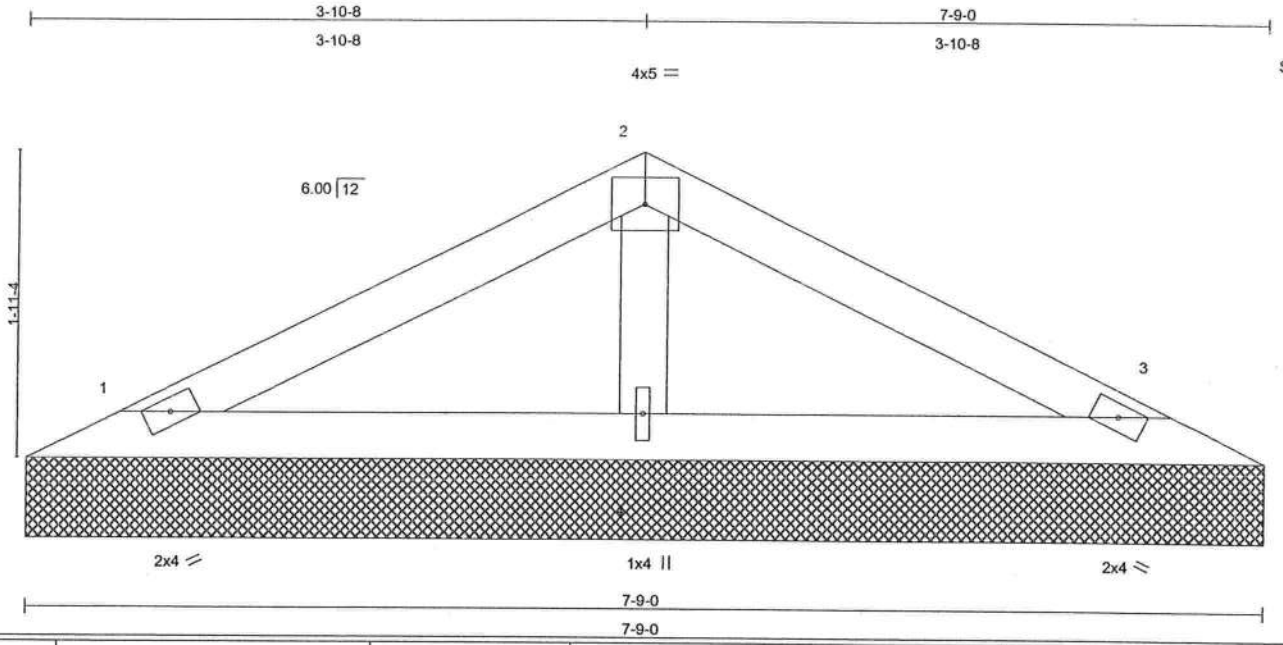
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422945
1365	V8	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:02 2008 Pag



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.05	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 FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

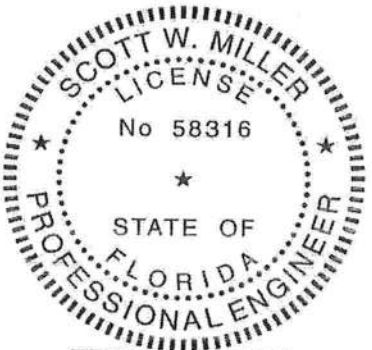
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=133/7-9-0, 3=133/7-9-0, 4=256/7-9-0
Max Horz 1=-34(LC 2)
Max Uplift1=-89(LC 4), 3=-95(LC 5), 4=-83(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint 1, 95 lb uplift at joint 3 and 83 lb uplift at joint 4.

LOAD CASE(S) Standard



Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422945
1365	V9	VALLEY	1	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:52:03 2008 Page

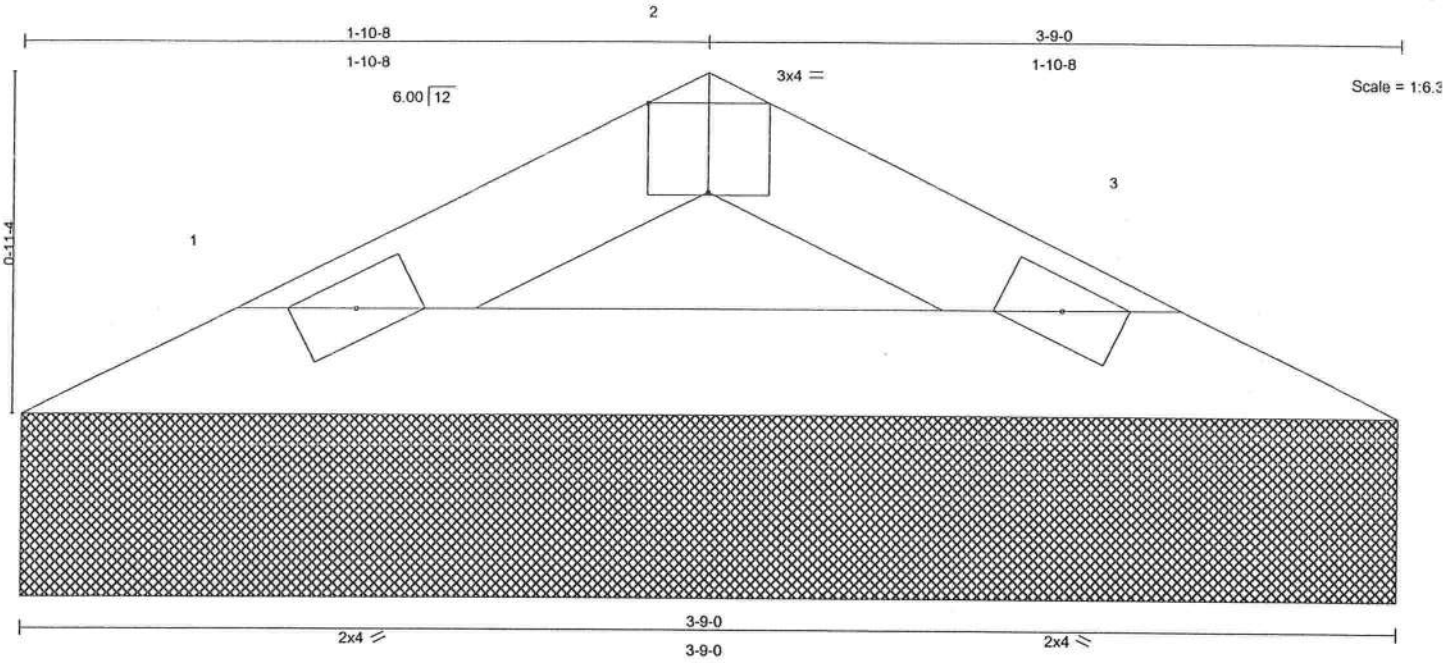


Plate Offsets (X,Y): [2:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.04	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 FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=101/3-9-0, 3=101/3-9-0
Max Horz 1=13(LC 3)
Max Uplift1=-51(LC 4), 3=-51(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at joint 1 and 51 lb uplift at joint 3.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

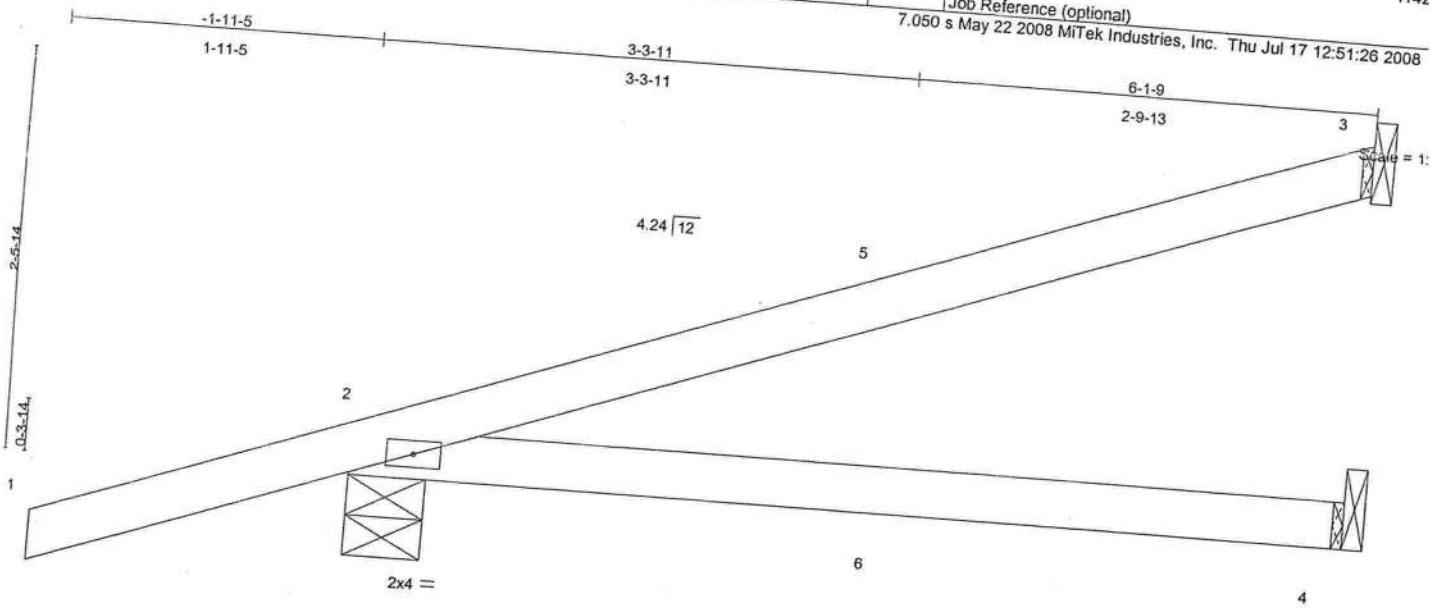
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	CJ6	JACK	1	1	I142

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:26 2008



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.09	2-4	>750	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

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

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

REACTIONS (lb/size) 3=240/Mechanical, 2=361/0-5-11, 4=100/Mechanical
Max Horz 2=206(LC 2)
Max Uplift3=-284(LC 2), 2=-307(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 284 lb uplift at joint 3 and 307 lb uplift at joint 2.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 22 lb down and 30 lb up at 3-3-15, and 22 lb down and 30 lb up at 3-3-15, and 122 lb down and 153 lb up at 6-0-13 on top chord, and 1 lb down at 3-3-15, and 1 lb down at 3-3-15, and 41 lb down at 6-0-13 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
6) 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) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 2-4=-20
Concentrated Loads (lb)
Vert: 3=-122(F) 4=-41(F) 5=60(F=30, B=30) 6=-2(F=-1, B=-1)

SCOTT W. MILLER
LICENSE
No 58316
STATE OF FLORIDA
PROFESSIONAL ENGINEER

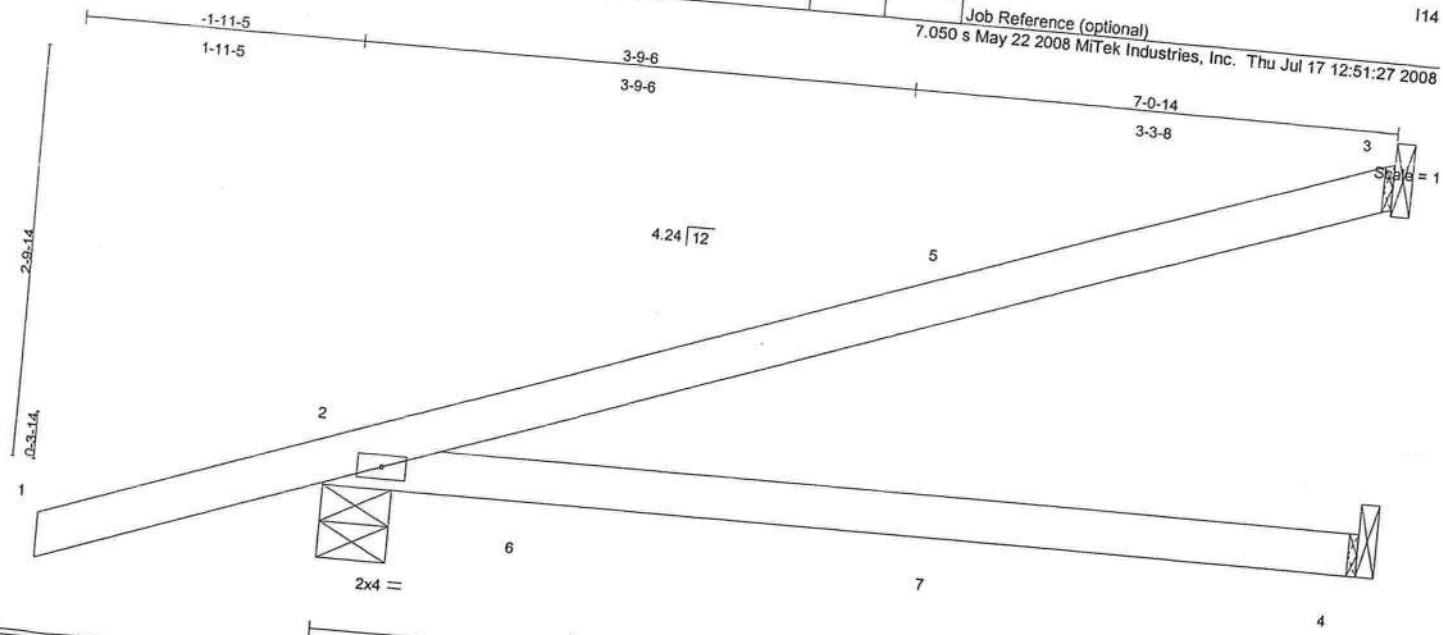
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	CJ7	JACK	2	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional) 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:27 2008 I14



LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.59	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.17	2-4	>470	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 25 lb	

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

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

REACTIONS (lb/size) 3=180/Mechanical, 2=410/0-5-11, 4=73/Mechanical
Max Horz 2=228(LC 2)
Max Uplift3=-198(LC 2), 2=-346(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 198 lb uplift at joint 3 and 346 lb uplift at joint 2.
Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 44 lb up at 4-3-3, and 44 lb up at 4-3-3 on top chord, and 11 lb up at 1-5-4, 11 lb up at 1-5-4, and 8 lb down at 4-3-3, and 8 lb down at 4-3-3 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
n the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

AD CASE(S) Standard
egular: Lumber Increase=1.25, Plate Increase=1.25
niform Loads (plf)
Vert: 1-3=-60, 2-4=-20
oncentrated Loads (lb)
Vert: 5=4(F=2, B=2) 6=21(F=11, B=11) 7=-15(F=-8, B=-8)

SCOTT W. MILLER
LICENSE
No 58316
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	CJ9	JACK	5	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:27 2008

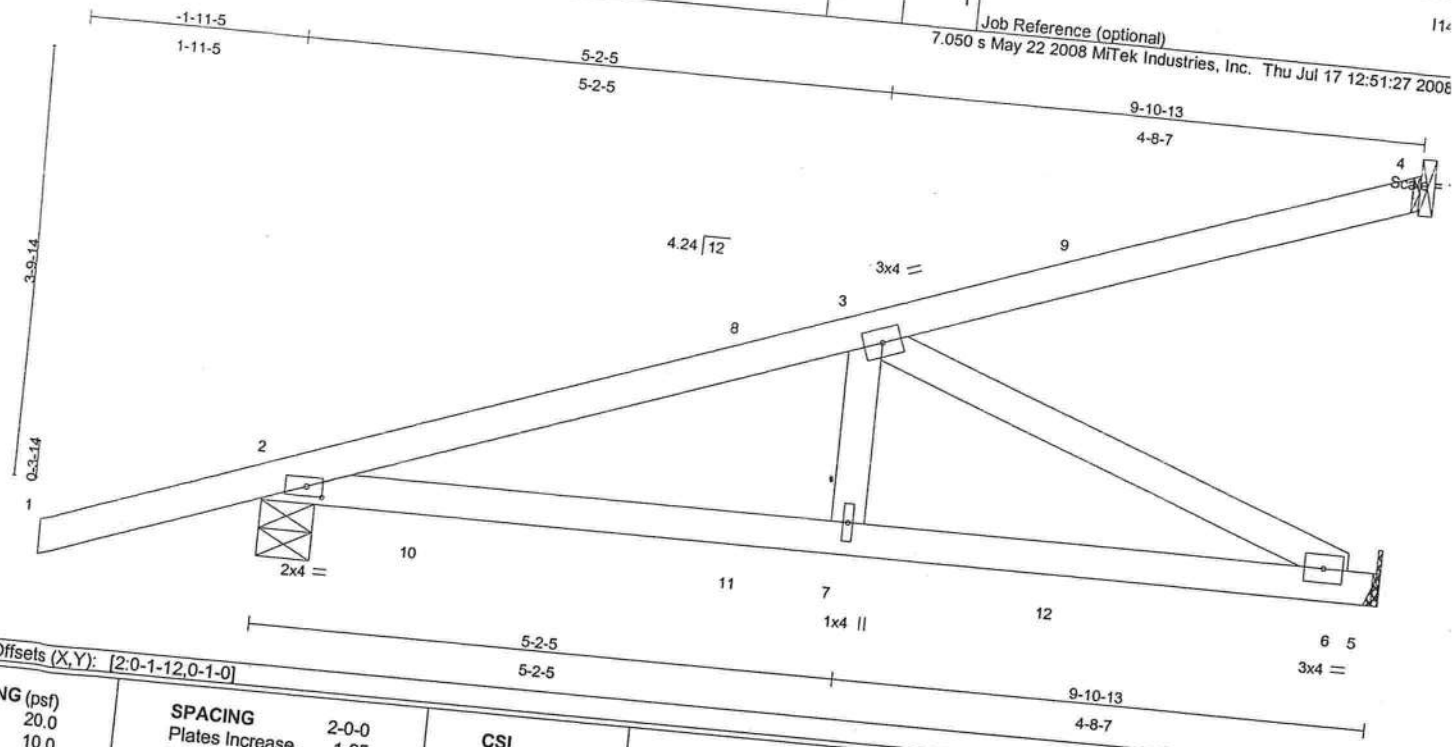


Plate Offsets (X,Y): [2:0-1-12,0-1-0]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.51	Vert(LL)	0.04	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.09	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 43 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-13 oc bracing.

REACTIONS (lb/size) 4=156/Mechanical, 2=572/0-5-11, 5=352/Mechanical
Max Horz 2=295(LC 2)
Max Uplift4=-182(LC 2), 2=-448(LC 2), 5=-205(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-839/423, 3-8=-747/408
BOT CHORD 2-10=-546/742, 10-11=-546/742, 7-11=-546/742, 7-12=-546/742, 6-12=-546/742
WEBS 3-6=-805/593

NOTES
Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
* This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
Refer to girder(s) for truss to truss connections.
Refer to girder(s) for truss to truss connections.
Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 182 lb uplift at joint 4, 448 lb uplift at joint 2 and 205 lb uplift at joint 5.
Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 44 lb up at 4-3-4, 44 lb up at 4-3-4, and 68 lb down and 134 lb up at 7-1-3, and 68 lb down and 134 lb up at 7-1-3 on top chord, and 11 lb up at 1-5-4, 11 lb up at 1-5-4, and 28 lb down at 4-3-4, 8 lb down at 4-3-4, and 28 lb down at 7-1-3, and 28 lb down at 7-1-3 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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
Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 8=4(F=2, B=2) 9=-137(F=-68, B=-68) 10=21(F=11, B=11) 11=-15(F=-8, B=-8) 12=-55(F=-28, B=-28)

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	CJ9A	JACK	1	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:28 200

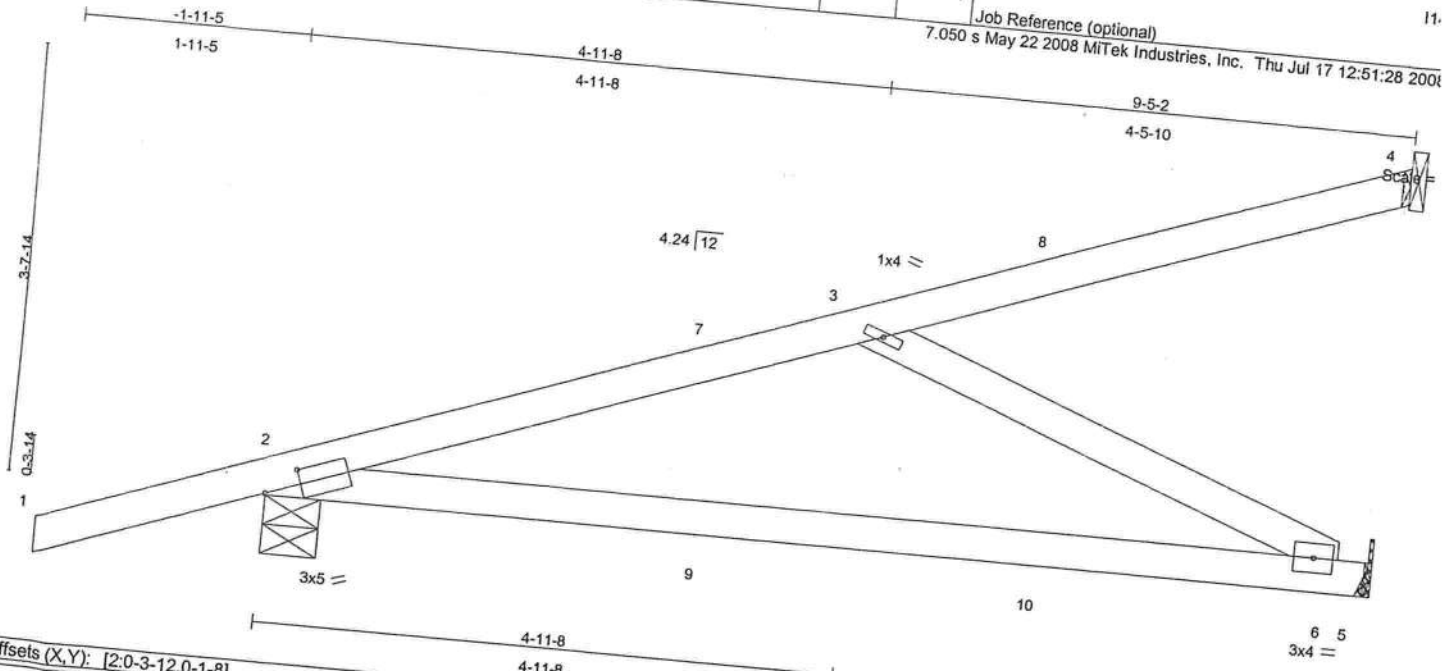


Plate Offsets (X,Y): [2:0-3-12,0-1-8]

4-11-8 4-11-8 9-5-2 4-5-10

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.37	Vert(LL)	0.03	2-6	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.45	2-6	>242	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.22	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.1
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-5 oc bracing.

REACTIONS (lb/size) 4=136/Mechanical, 2=547/0-5-11, 5=319/Mechanical
Max Horz 2=284(LC 2)
Max Uplift4=-172(LC 2), 2=-413(LC 2), 5=-164(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-584/388, 3-7=-517/399
BOT CHORD 2-9=-519/531, 9-10=-519/531, 6-10=-519/531
WEBS 3-6=-575/562

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
* This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
Refer to girder(s) for truss to truss connections.
Refer to girder(s) for truss to truss connections.
Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 172 lb uplift at joint 4, 413 lb uplift at joint 2 and 164 lb uplift at joint 5.
Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 11 lb down and 26 lb up at 3-9-9, 11 lb down and 26 lb up at 3-9-9, and 57 lb down and 120 lb up at 6-7-8, and 57 lb down and 120 lb up at 6-7-8 on top chord, and 4 lb down at 3-9-9, 4 lb down at 3-9-9, and 24 lb down at 6-7-8, and 24 lb down at 6-7-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 7=31(F=16, B=16) 8=-115(F=-57, B=-57) 9=-9(F=-4, B=-4) 10=-49(F=-24, B=-24)

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO. 63017
FL Cert.#6634

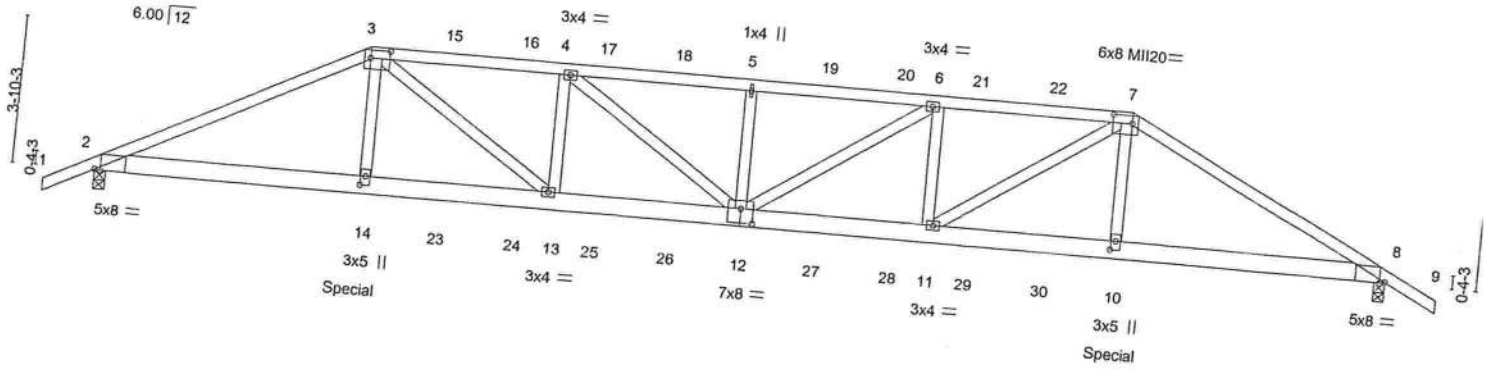
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	H1	HIP	1	2	Job Reference (optional)	I14

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:29 2008

-1-4-8 | 1-4-8 | 7-0-0 | 7-0-0 | 12-0-14 | 5-0-14 | 17-0-0 | 4-11-2 | 21-11-2 | 4-11-2 | 27-0-0 | 5-0-14 | 34-0-0 | 7-0-0 | 35-4-8 | 1-4-8

Scale = 1



7-1-12 | 7-1-12 | 12-0-14 | 4-11-2 | 17-0-0 | 4-11-2 | 21-11-2 | 4-11-2 | 26-10-4 | 4-11-2 | 34-0-0 | 7-1-12

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

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.95	Vert(LL)	0.60	12	>680	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.82	Vert(TL)	-0.79	12	>513	240	MII20	249/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.38	Horz(TL)	0.17	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 387 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-1 oc bracing.

REACTIONS (lb/size) 2=4619/0-3-8, 8=4619/0-3-8
Max Horz 2=111(LC 4)
Max Uplift2=-3458(LC 4), 8=-3458(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-9528/7033, 3-15=-10391/7901, 15-16=-10391/7901, 4-16=-10390/7900, 4-17=-10945/8301, 17-18=-10945/8301, 5-18=-10945/8301, 5-19=-10945/8301, 19-20=-10945/8301, 6-20=-10945/8301, 6-21=-10390/7901, 21-22=-10391/7901, 7-22=-10391/7901, 7-8=-9528/7033
OT CHORD 2-14=-6232/8425, 14-23=-6298/8524, 23-24=-6298/8524, 13-24=-6298/8524, 13-25=-7798/10391, 25-26=-7798/10391, 12-26=-7798/10391, 12-27=-7751/10391, 27-28=-7751/10391, 11-28=-7751/10391, 11-29=-6237/8524, 29-30=-6237/8524, 10-30=-6237/8524, 8-10=-6171/8425
EBS 3-14=-1585/2365, 7-10=-1586/2365, 4-13=-1058/1076, 5-12=-621/701, 6-11=-1058/1076, 3-13=-1925/2362, 4-12=-547/710, 6-12=-547/710, 7-11=-1926/2362

TES
2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
/ebs connected as follows: 2 X 4 - 1 row at 0-6-0 oc, Except member 13-4 2 X 4 - 1 row at 0-9-0 oc, member 12-5 2 X 4 - 1 row at 0-9-0
:, member 11-6 2 X 4 - 1 row at 0-9-0 oc, member 13-3 2 X 4 - 1 row at 0-9-0 oc, member 12-4 2 X 4 - 1 row at 0-9-0 oc, member 6-11 2
4 - 1 row at 0-9-0 oc, member 7-11 2 X 4 - 1 row at 0-9-0 oc.
l 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
nnections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
balanced roof live loads have been considered for this design.
nd: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end
ıe; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
vide adequate drainage to prevent water ponding.
lates are MT20 plates unless otherwise indicated.
is truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit
/een the bottom chord and any other members.
ide mechanical connection (by others) of truss to bearing plate capable of withstanding 3458 lb uplift at joint 2 and 3458 lb uplift at
8.

id on page 2

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H1	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:29 2008 I14:

NOTES

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 134 lb down and 216 lb up at 7-0-0, 134 lb down and 216 lb up at 9-0-12, 1 lb down and 216 lb up at 11-0-12, 134 lb down and 216 lb up at 13-0-12, 134 lb down and 216 lb up at 15-0-12, 134 lb down and 216 lb up at 17-0-0, 134 lb down and 216 lb up at 18-11-4, 134 lb down and 216 lb up at 20-11-4, 134 lb down and 216 lb up at 22-11-4, and 134 lb down and 216 lb up at 24-11-4, and 134 lb down and 216 lb up at 27-0-0 top chord, and 2229 lb down and 1672 lb up at 7-0-0, 48 lb down and 216 lb up at 9-0-12, 48 lb down at 11-0-12, 48 lb down at 13-0-12, 48 lb down at 15-0-12, 48 lb down at 17-0-0, 48 lb down at 18-11-4, 48 lb down at 20-11-4, 48 lb down at 22-11-4, and 48 lb down at 24-11-4, and 2229 lb down and 1672 lb up at 26-11-4 on bottom chord. The design/selectio of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

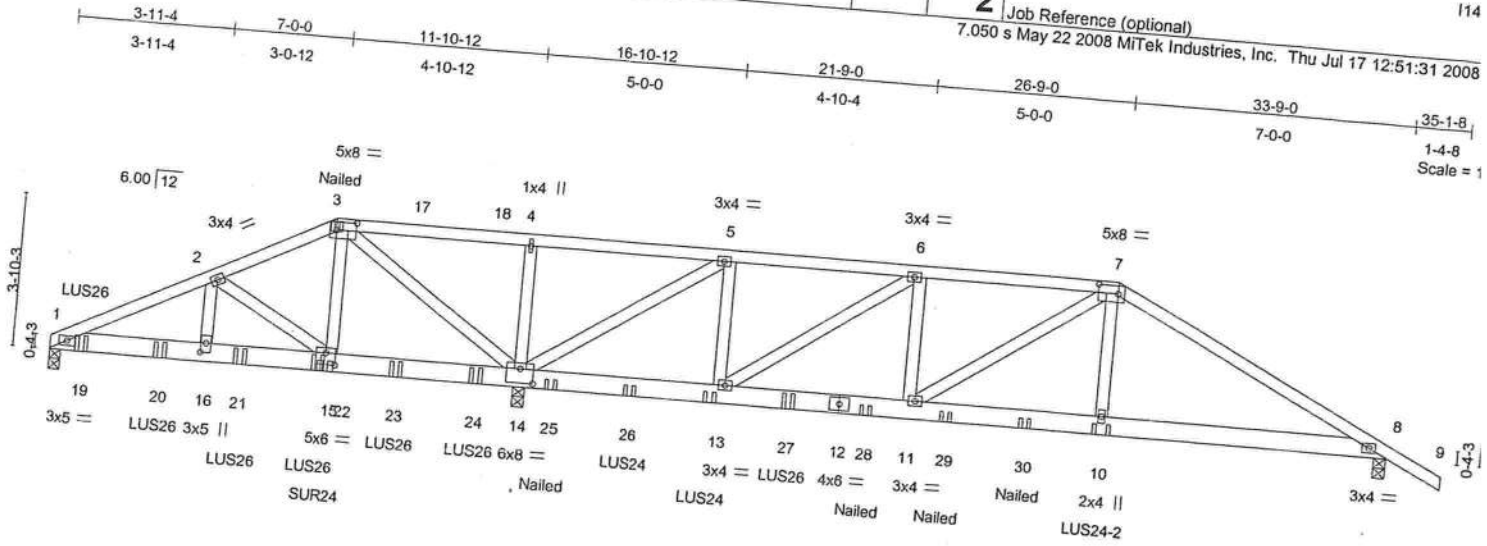
Vert: 1-3=-60, 3-7=-60, 7-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 3=-134(B) 7=-134(B) 14=-2229(B) 10=-2229(B) 12=-48(B) 5=-134(B) 15=-134(B) 16=-134(B) 17=-134(B) 18=-134(B) 19=-134(B) 20=-134(B) 21=-134(B) 22=-134(B) 23=-48(B) 24=-48(B) 25=-48(B) 26=-48(B) 27=-48(B) 28=-48(B) 29=-48(B) 30=-48(B)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H11	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:31 2008



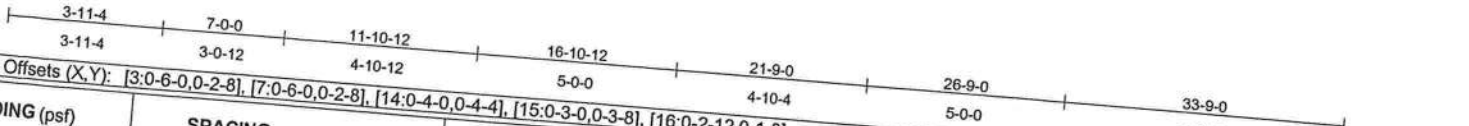


Plate Offsets (X,Y): [3:0-6-0,0-2-8], [7:0-6-0,0-2-8], [14:0-4-0,0-4-4], [15:0-3-0,0-3-8], [16:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.07	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.11	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.76	Horz(TL)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 395 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=2963/0-3-8, 14=7510/0-4-7 (input: 0-3-8), 8=1033/0-3-8
Max Horz 1=-138(LC 5)
Max Uplift1=-1694(LC 4), 14=-4382(LC 3), 8=-667(LC 5)
Max Grav 1=2979(LC 8), 14=7510(LC 1), 8=1041(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4254/2457, 2-3=-2339/1471, 3-17=-1184/2157, 17-18=-1185/2157, 4-18=-1185/2157, 4-5=-1184/2157, 5-6=-783/570, 6-7=-1693/1153, 7-8=-1639/945
BOT CHORD 1-19=-2164/3765, 19-20=-2164/3765, 16-20=-2164/3765, 16-21=-2164/3765, 21-22=-2164/3765, 15-22=-2164/3765, 15-23=-1314/2225, 23-24=-1314/2225, 14-24=-1314/2225, 14-25=-409/783, 25-26=-409/783, 13-26=-409/783, 13-27=-989/1693, 12-27=-989/1693, 12-28=-989/1693, 11-28=-989/1693, 11-29=-735/1385, 29-30=-735/1385, 10-30=-735/1385, 8-10=-736/1381
WEBS 2-16=-879/1694, 2-15=-1971/1140, 3-15=-1784/3539, 3-14=-5329/3141, 4-14=-547/572, 5-14=-3529/2115, 5-13=-978/1765, 6-13=-1134/718, 6-11=-230/383, 7-11=-400/502

NOTES
2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 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.
Unbalanced roof live loads have been considered for this design.
Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
Provide adequate drainage to prevent water ponding.
This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
WARNING: Required bearing size at joint(s) 14 greater than input bearing size.
Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1694 lb uplift at joint 1, 4382 lb uplift at joint 14 and 667 lb uplift at joint 8.
Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss, Single Ply Girder) or equivalent spaced at 15-10-8 oc max. starting at 0-9-12 from the left end to 18-8-4 to connect truss(es) S3 (1 ply 2 X 4 SYP) to front face of bottom chord.

ed on page 2

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO. 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H11	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:31 2008 I14

NOTES

10) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss) or equivalent spaced at 4-0-0 oc max. starting at 4-9-12 from the left end to 8-9-12 to connect truss(es) S5 (1 ply 2 4 SYP) to front face of bottom chord.
11) Use Simpson Strong-Tie LUS26 (4-10d Girder, 4-10d Truss, Single Ply Girder) or equivalent at 6-9-12 from the left end to connect truss(es) T3 (1 ply 2 X 4 SYP) to front face c bottom chord.
12) Use Simpson Strong-Tie LUS26 (4-10d Girder, 4-10d Truss) or equivalent at 10-9-12 from the left end to connect truss(es) T5 (1 ply 2 X 4 SYP) to front face of bottom chord.
13) Use Simpson Strong-Tie LUS24 (4-10d Girder, 2-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 14-8-4 from the left end to 16-8-4 to connect truss(es) H15 (1 ply 2 X 4 SYP) to front face of bottom chord.
14) Use Simpson Strong-Tie LUS24-2 (4-10d Girder, 2-10d Truss, Single Ply Girder) or equivalent at 26-7-8 from the left end to connect truss(es) M1 (2 ply 2 X 6 SYP) to front face of bottom chord.
15) Use Simpson Strong-Tie SUR24 (4-10d Girder, 4-10dx1 1/2 Truss) or equivalent at 7-0-0 from the left end to connect truss(es) CJ9 (1 ply 2 X 4 SYP) to back face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
16) Fill all nail holes where hanger is in contact with lumber.
17) "Nailed" indicates 3-10d or 3-12d common wire toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
18) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 134 lb down and 216 lb up at 9-0-12, and 134 lb down and 216 lb up at 11-0-12 on top chord, and 48 lb down at 9-0-12, and 48 lb down at 11-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

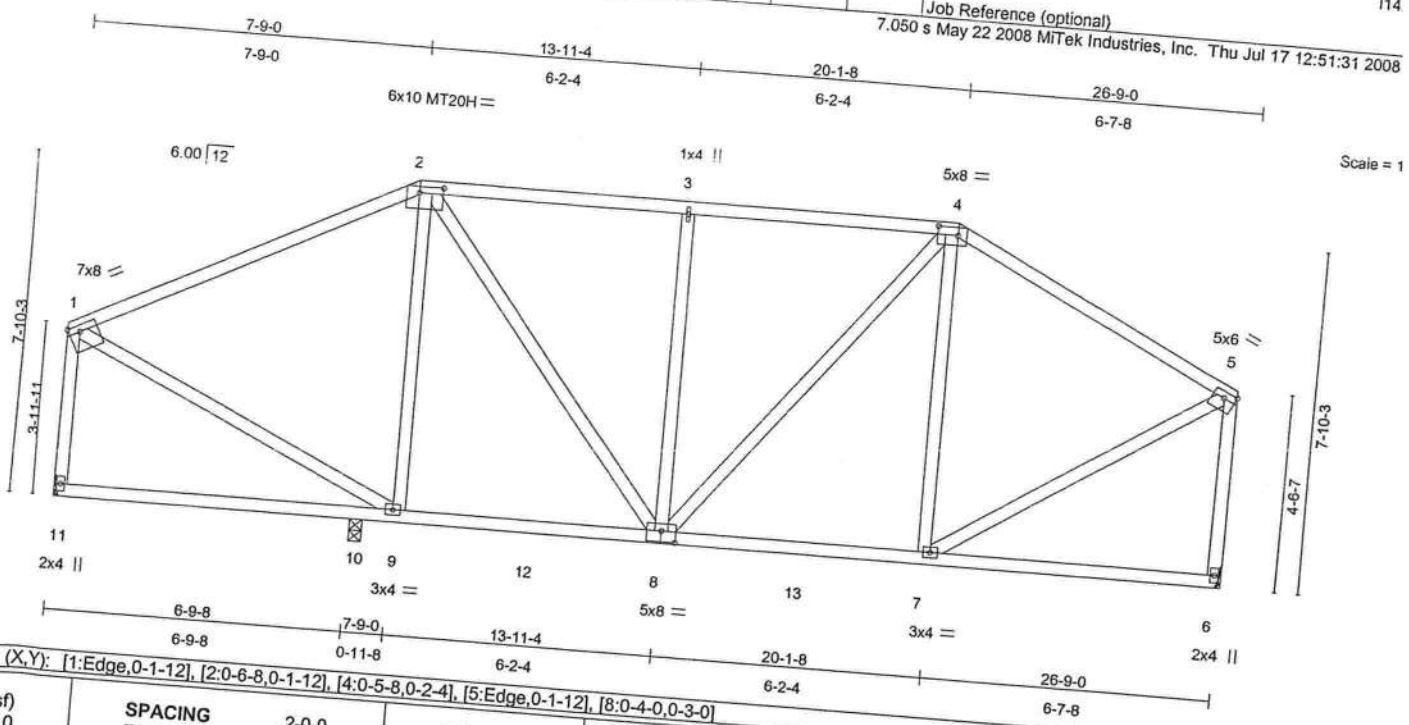
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-7=-60, 7-9=-60, 1-8=-20
Concentrated Loads (lb)
Vert: 3=-230(B) 13=-373(F) 10=-15(F) 17=-134(B) 18=-134(B) 19=-906(F) 20=-918(F) 21=-929(F) 22=-1403(F=-1023, B=-380) 23=-1049(F=-1001, B=-48) 24=-1117(F=-1069, B=-48) 25=-170(F) 26=-338(F) 27=-904(F) 28=-97(F) 29=-19(F) 30=-2(F)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H13	HIP	1	1	I14

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:31 2008



Scale = 1

Plate Offsets (X,Y): [1:Edge,0-1-12], [2:0-6-8,0-1-12], [4:0-5-8,0-2-4], [5:Edge,0-1-12], [8:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.81	Vert(LL)	0.06	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.13	8-9	>999	240	MT20H	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 177 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
1-11: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-10-14 oc bracing: 8-9.

REACTIONS (lb/size) 11=924/Mechanical, 6=1054/Mechanical, 10=257/0-3-8
Max Horz 11=339(LC 3)
Max Uplift11=-448(LC 4), 6=-445(LC 5), 10=-50(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-877/465, 2-3=-916/526, 3-4=-916/526, 4-5=-897/439, 1-11=-868/482, 5-6=-987/473
BOT CHORD 10-11=-302/258, 9-10=-302/258, 9-12=-482/688, 8-12=-482/688, 8-13=-377/724,
7-13=-377/724
WEBS 2-9=-371/253, 2-8=-257/443, 3-8=-371/362, 4-8=-281/369, 4-7=-275/288, 1-9=-378/688,
5-7=-388/810

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 448 lb uplift at joint 11, 445 lb uplift at joint 6 and 50 lb uplift at joint 10.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H14	SPECIAL	1	1	I142

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:32 2008

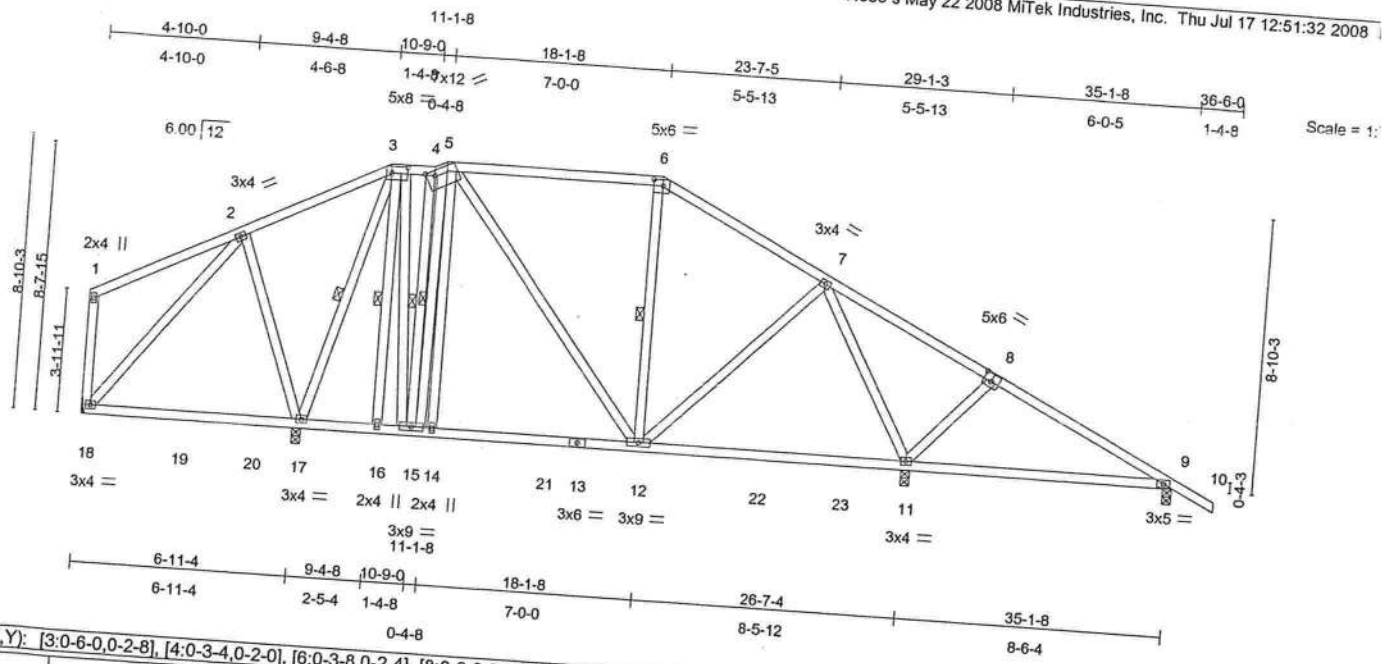


Plate Offsets (X,Y): [3:0-6-0,0-2-8], [4:0-3-4,0-2-0], [6:0-3-8,0-2-4], [8:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.06	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.15	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.01	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 9-11.
WEBS 1 Row at midpt 3-17, 3-16, 4-15, 5-15, 6-12

REACTIONS All bearings 0-3-8 except (jt=length) 18=Mechanical.
(lb) - Max Horz 18=-375(LC 2)
Max Uplift All uplift 100 lb or less at joint(s) except 17=-420(LC 4), 11=-716(LC 5), 9=-286(LC 5), 18=-261(LC 5)
Max Grav All reactions 250 lb or less at joint(s) except 17=966(LC 1), 11=1362(LC 1), 9=333(LC 9), 18=393(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-183/358, 3-4=-368/459, 4-5=-288/356, 5-6=-497/540, 6-7=-625/512, 7-8=0/263
BOT CHORD 16-17=-67/282, 15-16=-67/281, 14-15=-110/401, 14-21=-108/403, 13-21=-108/403, 12-13=-108/403, 12-22=-10/275, 22-23=-10/275, 11-23=-10/275
WEBS 2-17=-205/315, 3-17=-649/215, 3-15=-264/614, 5-15=-572/293, 7-12=-101/322, 7-11=-978/562, 8-11=-348/392

NOTES
) Unbalanced roof live loads have been considered for this design.
) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
Provide adequate drainage to prevent water ponding.
* This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 420 lb uplift at joint 17, 716 lb uplift at joint 11, 286 lb uplift at joint 9 and 261 lb uplift at joint 18.

AD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

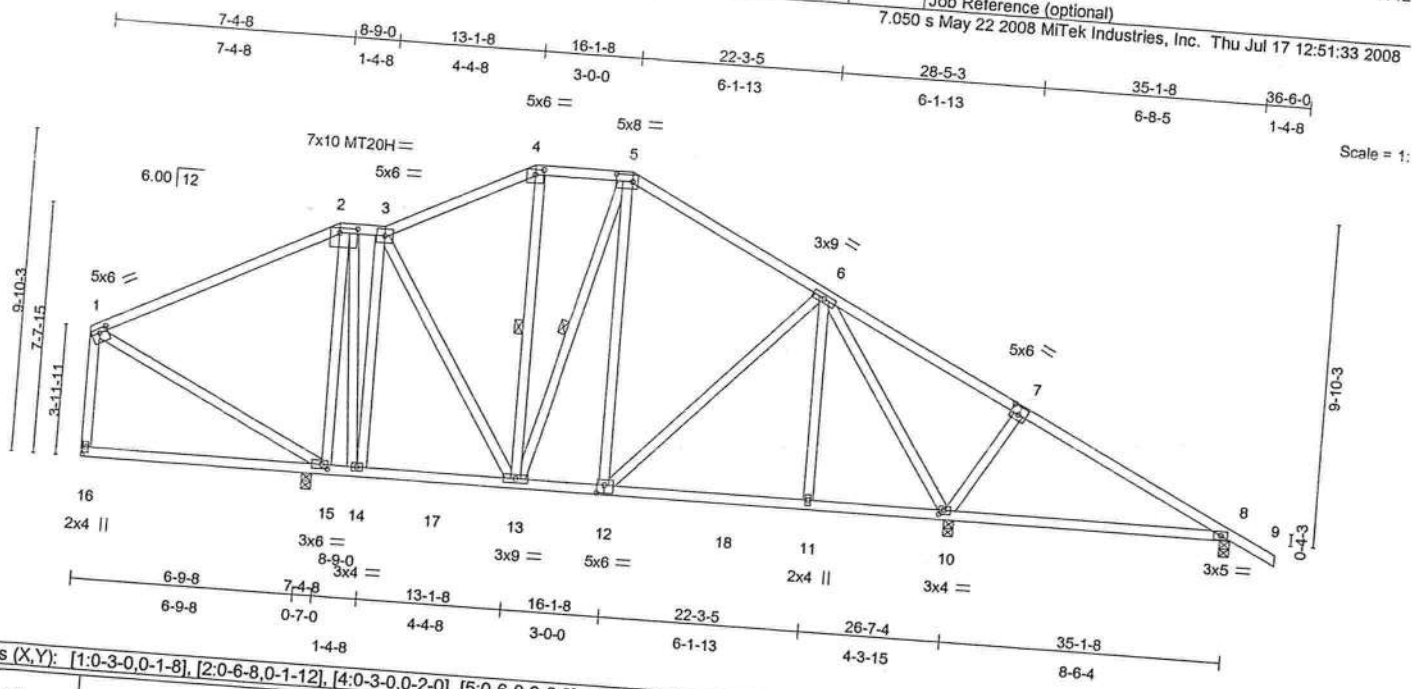
July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H15	SPECIAL	1	1	I142

Reese Building Components, INC., Sylvester Ga. — 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:33 2008

Job Reference (optional)



Scale = 1:

Plate Offsets (X,Y): [1:0-3-0,0-1-8], [2:0-6-8,0-1-12], [4:0-3-0,0-2-0], [5:0-6-0,0-2-8], [7:0-3-0,0-3-0], [10:0-1-12,0-1-8], [12:0-2-12,0-3-0], [15:0-2-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	0.05	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.21	8-10	>482	240	MT20H	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(TL)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 254 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 8-10.
WEBS 1 Row at midpt 4-13, 5-13

REACTIONS All bearings 0-3-8 except (jt=length) 16=Mechanical.
(lb) - Max Horz 16=-396(LC 2)
Max Uplift All uplift 100 lb or less at joint(s) except 16=-173(LC 5), 15=-485(LC 4), 10=-649(LC 5), 8=-277(LC 5)
Max Grav All reactions 250 lb or less at joint(s) except 16=358(LC 8), 15=989(LC 1), 10=1283(LC 1), 8=354(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-162/276, 3-4=-452/412, 4-5=-355/412, 5-6=-539/414, 1-16=-287/208
BOT CHORD 15-16=-112/340, 14-15=-2/343, 14-17=-12/309, 13-17=-12/309, 12-13=0/406, 12-18=0/376, 11-18=0/376, 10-11=0/376
WEBS 2-15=-817/472, 2-14=-176/446, 3-14=-462/209, 3-13=-67/332, 6-10=-956/403, 7-10=-373/423

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 173 lb uplift at joint 16, 485 lb uplift at joint 15, 649 lb uplift at joint 10 and 277 lb uplift at joint 8.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

July 17,2008

MiTek

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H16	SPECIAL	1	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:34 2008

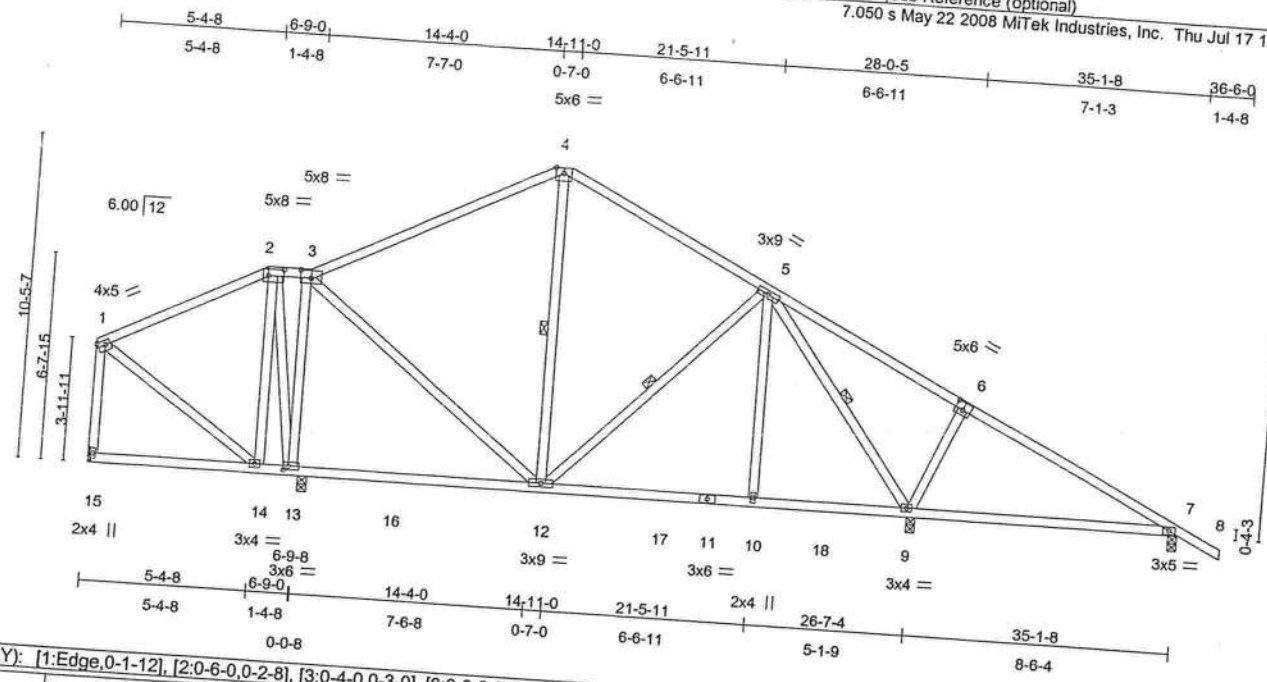


Plate Offsets (X,Y): [1:Edge,0-1-12], [2:0-6-0,0-2-8], [3:0-4-0,0-3-0], [6:0-3-0,0-3-0], [13:0-1-12,0-1-8]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.61	Vert(LL)	0.07	7-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.22	7-9	>462	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 225 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-12, 5-9, 4-12

REACTIONS All bearings 0-3-8 except (jt=length) 15=Mechanical.
(lb) - Max Horz 15=-411(LC 2)
Max Uplift All uplift 100 lb or less at joint(s) except 15=-128(LC 5), 13=-590(LC 4), 9=-645(LC 5), 7=-283(LC 5)
Max Grav All reactions 250 lb or less at joint(s) 15 except 13=1225(LC 1), 9=1260(LC 1), 7=386(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-543/440, 4-5=-524/417
BOT CHORD 14-15=-114/360, 13-14=-25/370, 13-16=-26/354, 12-16=-26/354, 12-17=0/460, 11-17=0/460, 10-11=0/460, 10-18=0/460, 9-18=0/460
WEBS 3-13=-891/586, 3-12=-108/504, 5-9=-892/352, 6-9=-398/453

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 128 lb uplift at joint 15, 590 lb uplift at joint 13, 645 lb uplift at joint 9 and 283 lb uplift at joint 7.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

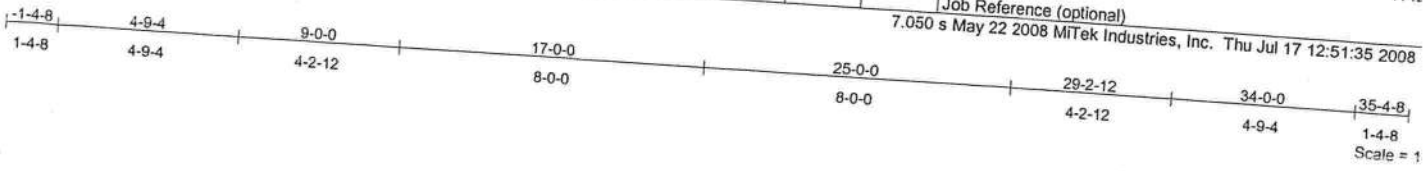
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H2	HIP	1	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:35 2008



Scale = 1

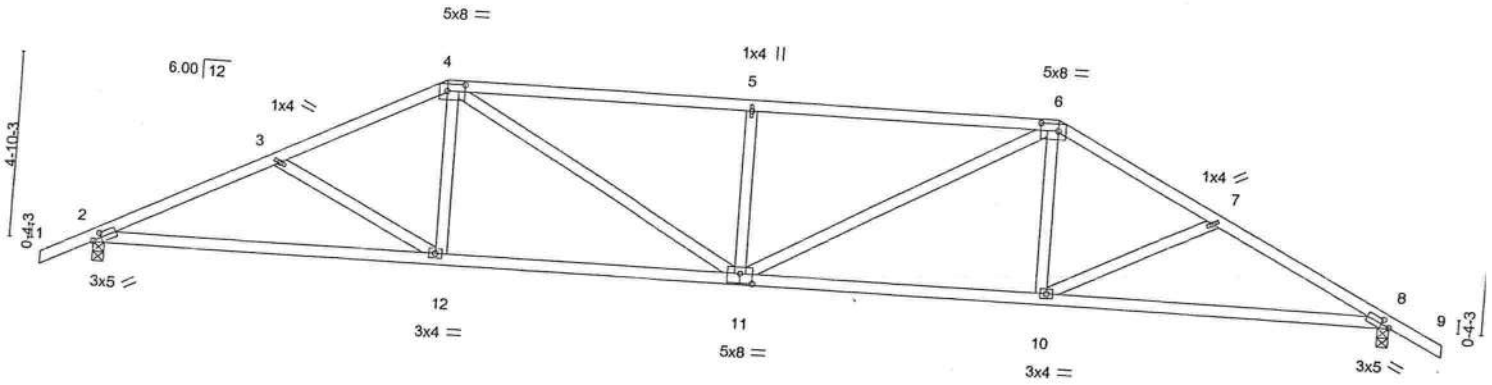


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-5-8,0-2-4], [6:0-5-8,0-2-4], [8:0-2-10,0-1-8], [11:0-4-0,0-3-0]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.62	Vert(LL)	0.21	11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.40	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.13	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 168 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-6-2 oc bracing.

REACTIONS (lb/size) 2=1440/0-3-8, 8=1440/0-3-8
Max Horz 2=-129(LC 5)
Max Uplift2=-721(LC 4), 8=-721(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2504/1078, 3-4=-2273/1012, 4-5=-2571/1261, 5-6=-2571/1261, 6-7=-2273/1013, 7-8=-2504/1078
BOT CHORD 2-12=-933/2177, 11-12=-838/2003, 10-11=-753/2003, 8-10=-848/2177
WEBS 3-12=-210/292, 4-12=-46/281, 4-11=-479/753, 5-11=-510/484, 6-11=-480/753, 6-10=-47/281, 7-10=-210/293

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 721 lb uplift at joint 2 and 721 lb uplift at joint 8.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	H3	HIP	1	1		I142

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:36 2008

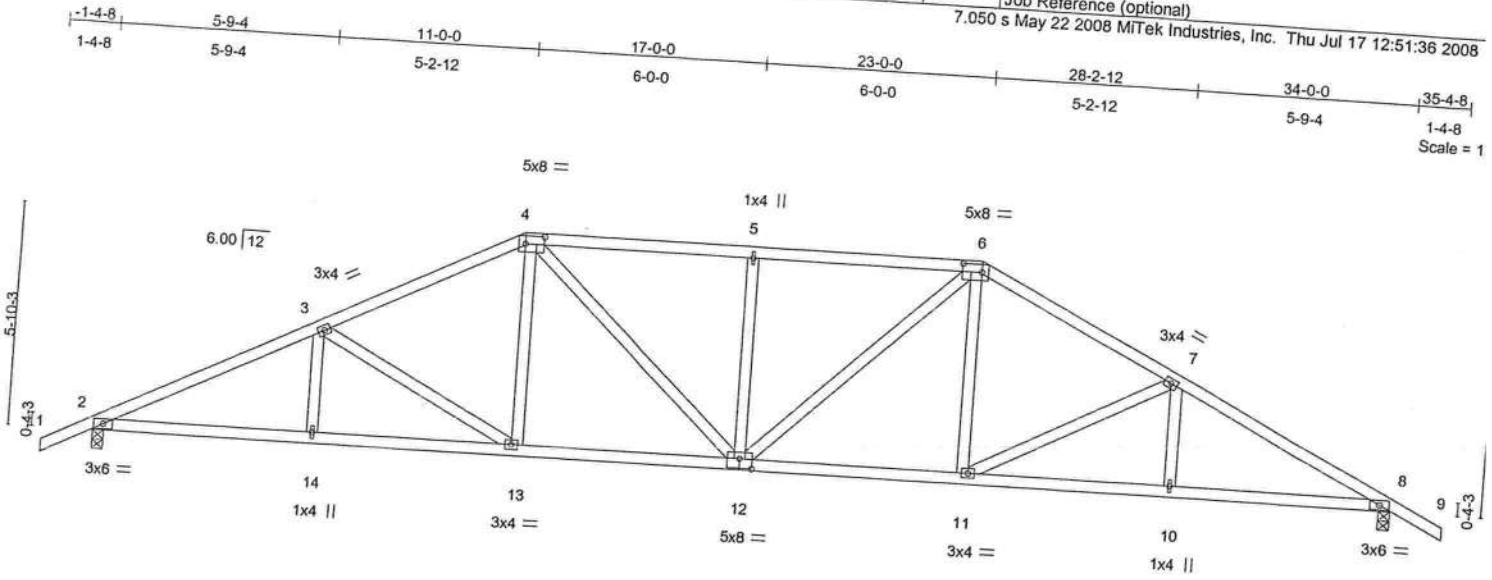


Plate Offsets (X,Y): [4:0-6-0,0-2-8], [6:0-6-0,0-2-8], [12:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.16	12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.32	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.12	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 181 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-0 oc bracing.

REACTIONS (lb/size) 2=1440/0-3-8, 8=1440/0-3-8
Max Horz 2=-149(LC 5)
Max Uplift2=-747(LC 4), 8=-747(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2550/1087, 3-4=-2090/924, 4-5=-2075/933, 5-6=-2075/933, 6-7=-2090/924, 7-8=-2550/1088
BOT CHORD 2-14=-945/2196, 13-14=-945/2196, 12-13=-659/1815, 11-12=-554/1815, 10-11=-797/2196, 8-10=-797/2196
WEBS 3-13=-448/372, 4-13=-124/328, 4-12=-292/467, 5-12=-374/361, 6-12=-292/467, 6-11=-124/328, 7-11=-448/373

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 747 lb uplift at joint 2 and 747 lb uplift at joint 8.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H4	SPECIAL	1	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:37 2008

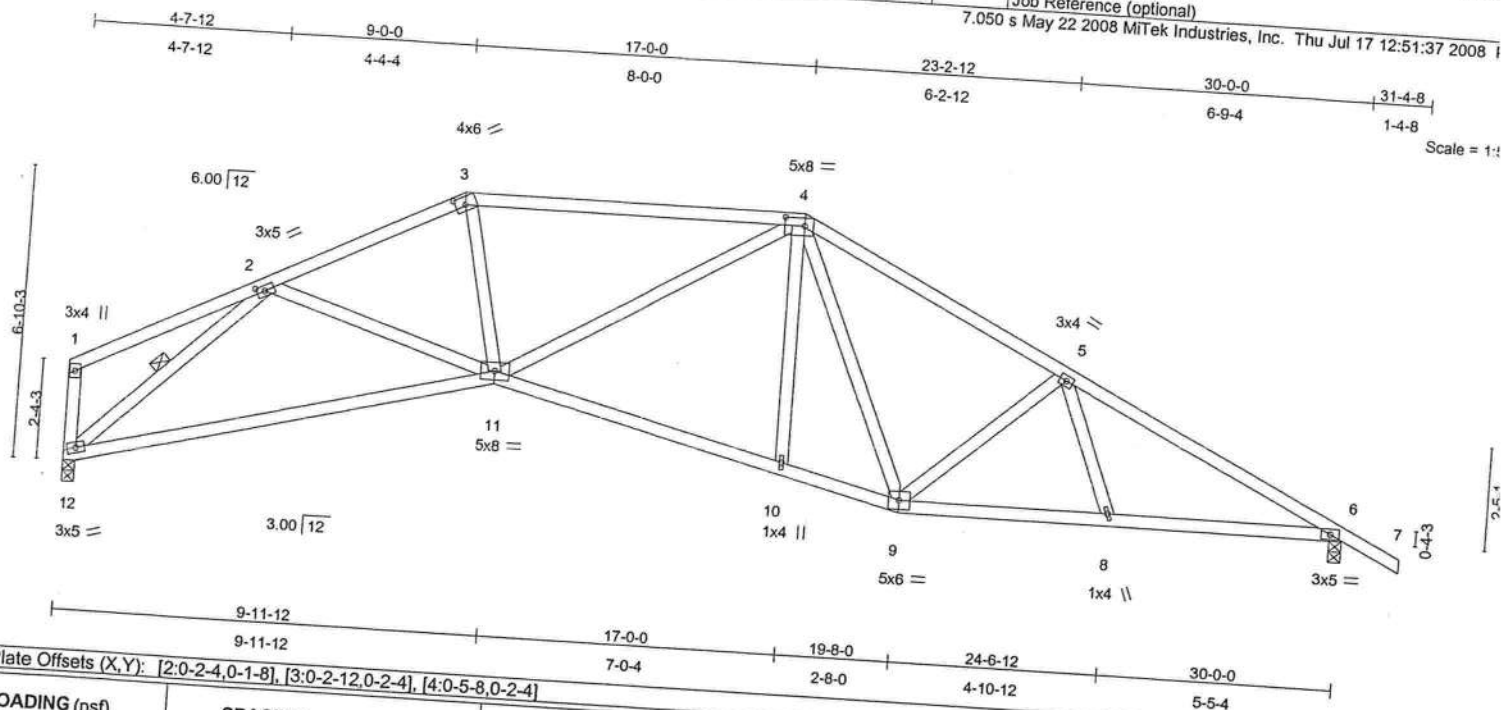


Plate Offsets (X,Y): [2:0-2-4,0-1-8], [3:0-2-12,0-2-4], [4:0-5-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	0.12	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.35	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.14	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 164 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-15 oc bracing.
WEBS 1 Row at midpt 2-12

REACTIONS (lb/size) 6=1282/0-3-8, 12=1186/0-3-8
Max Horz 12=-257(LC 2)
Max Uplift6=-709(LC 5), 12=-529(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2071/843, 3-4=-1932/847, 4-5=-1770/893, 5-6=-2206/986
BOT CHORD 11-12=-584/1400, 10-11=-417/1591, 9-10=-416/1578, 8-9=-707/1834, 6-8=-694/1883
WEBS 2-11=-210/572, 3-11=-92/504, 4-11=-202/550, 5-9=-436/425, 2-12=-1694/765

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 709 lb uplift at joint 6 and 529 lb uplift at joint 12.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

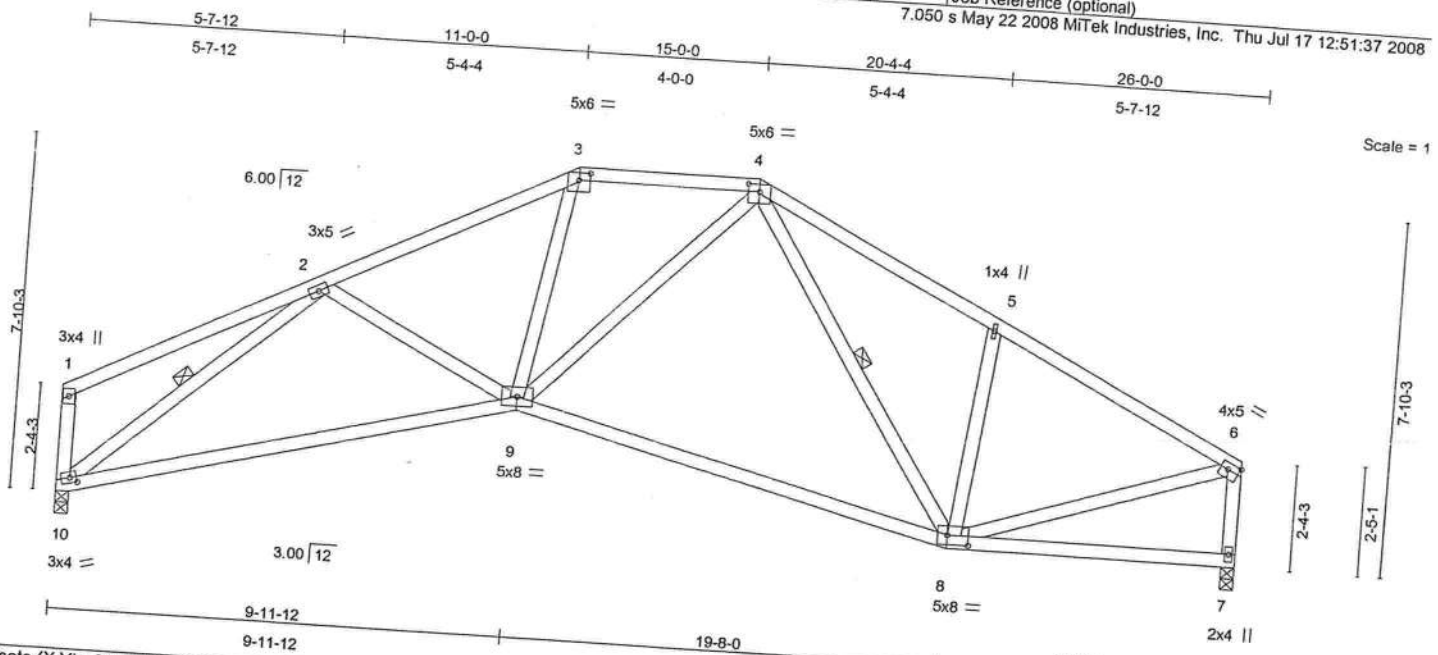
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H5	SPECIAL	1	1	I142

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:37 2008

Job Reference (optional)



Scale = 1

Plate Offsets (X,Y): [3:0-3-0,0-2-0], [4:0-3-0,0-2-0], [6:Edge,0-1-12], [8:0-5-8,0-2-8], [10:0-1-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.08	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.31	8-9	>996	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(TL)	0.09	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 152 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-5 oc bracing.
WEBS 1 Row at midpt 4-8, 2-10

REACTIONS (lb/size) 7=1028/0-3-8, 10=1028/0-3-8
Max Horz 10=246(LC 3)
Max Uplift7=-490(LC 5), 10=-490(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1627/760, 3-4=-1304/733, 4-5=-1150/732, 5-6=-1196/581, 6-7=-976/509
BOT CHORD 9-10=-671/1330, 8-9=-330/1069
WEBS 3-9=-125/420, 4-9=-201/489, 5-8=-322/402, 2-10=-1522/718, 6-8=-338/975

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 490 lb uplift at joint 7 and 490 lb uplift at joint 10.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H6	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:38 2008

I14

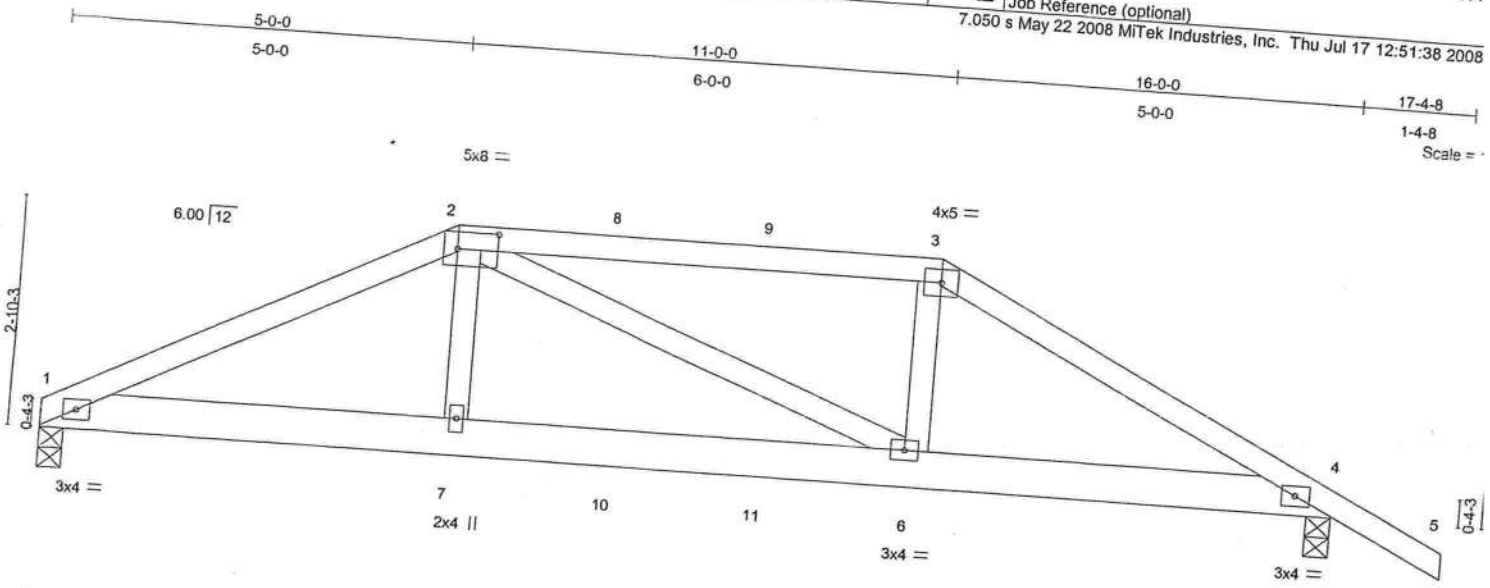


Plate Offsets (X,Y): [2:0-6-0,0-2-8]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	2-0-0	TC	0.34	Vert(LL)	0.04	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.17	Vert(TL)	-0.06	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=991/0-3-8, 4=1091/0-3-8
Max Horz 1=-118(LC 5)
Max Uplift1=-667(LC 4), 4=-804(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1921/1309, 2-8=-1659/1201, 8-9=-1659/1201, 3-9=-1659/1201, 3-4=-1897/1264
BOT CHORD 1-7=-1111/1669, 7-10=-1108/1683, 10-11=-1108/1683, 6-11=-1108/1683, 4-6=-1047/1646

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
5) Provide adequate drainage to prevent water ponding.
6) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 667 lb uplift at joint 1 and 804 lb uplift at joint 4.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 229 lb down and 314 lb up at 5-0-0, 39 lb down and 136 lb up at 7-0-12, and 69 lb down and 136 lb up at 8-11-4, and 229 lb down and 314 lb up at 11-0-0 on top chord, and 31 lb down at 5-0-0, 28 lb down at 7-0-12, and 28 lb down at 8-11-4, and 81 lb down at 10-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 2-3=-60, 3-5=-60, 1-4=-20

Continued on page 2

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H6	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:38 2008 I142:

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 2=-189(F) 3=-189(F) 7=-81(F) 6=-81(F) 8=-69(F) 9=-69(F) 10=-28(F) 11=-28(F)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H7	HIP	1	1	I142

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:39 2008

Job Reference (optional)

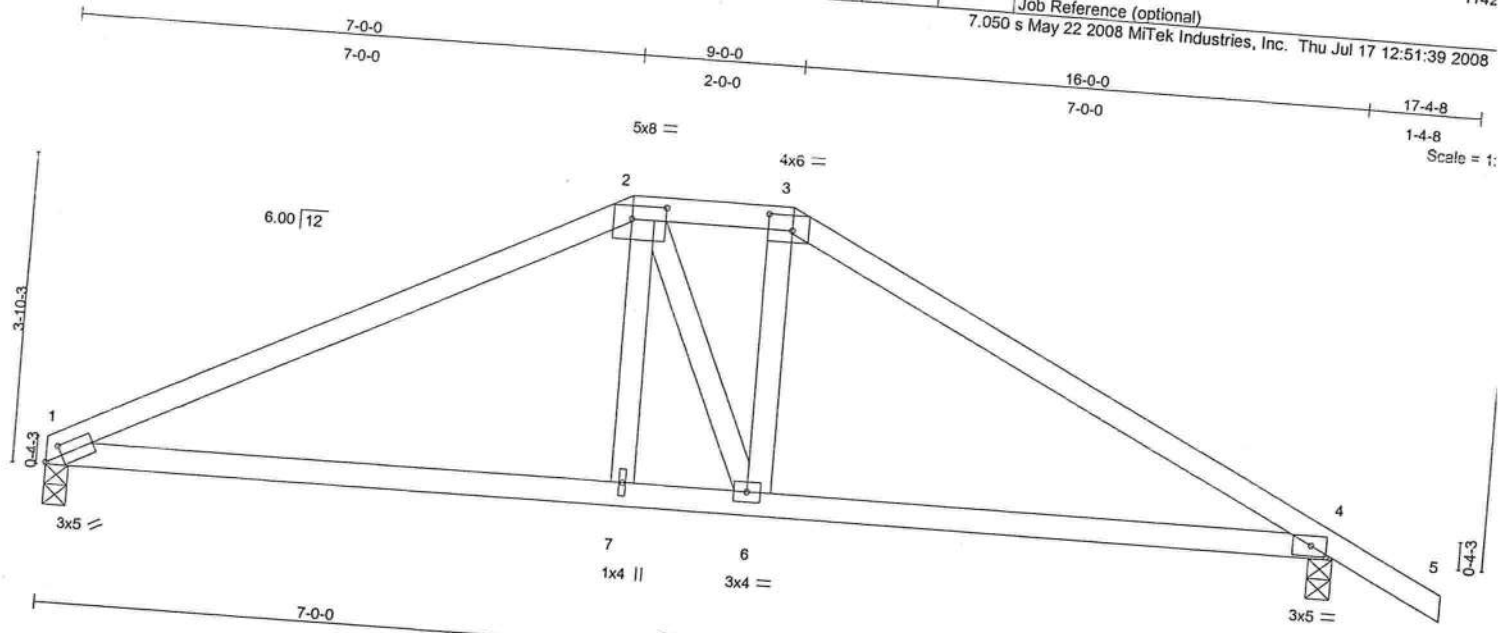


Plate Offsets (X,Y): [1:0-2-10,0-1-8], [2:0-5-4,0-2-0], [3:0-3-8,0-2-4], [4:0-2-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.10	1-7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.18	1-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.02	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 68 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=624/0-3-8, 4=724/0-3-8
Max Horz 1=-132(LC 5)
Max Uplift1=-304(LC 4), 4=-440(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-949/416, 2-3=-762/446, 3-4=-941/391
BOT CHORD 1-7=-288/767, 6-7=-289/772, 4-6=-225/757

NOTES
) Unbalanced roof live loads have been considered for this design.
) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
) Provide adequate drainage to prevent water ponding.
) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 304 lb uplift at joint 1 and 440 lb uplift at joint 4.

AD CASE(S) Standard

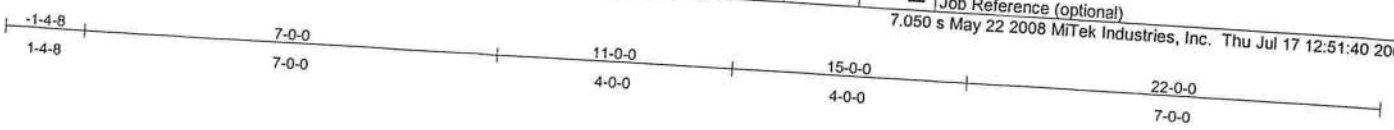
SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

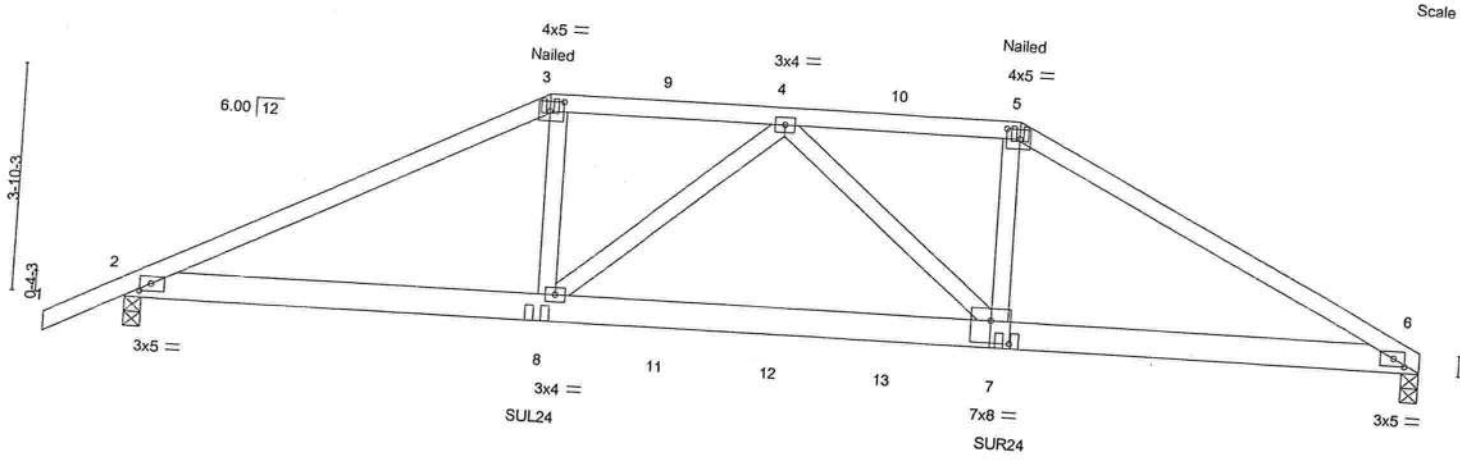
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H8	HIP	1	2	Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:40 2008 I1422



Scale = 1:3



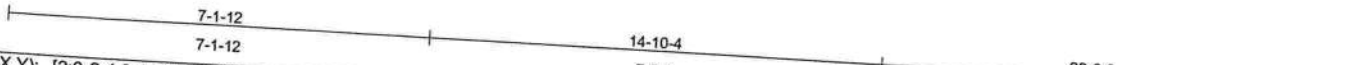


Plate Offsets (X,Y): [2:0-2-4,0-1-8], [3:0-2-12,0-2-0], [5:0-2-12,0-2-0], [6:0-2-4,0-1-8], [7:0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	0.09	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.15	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.15	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 226 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 6=1747/0-3-8, 2=1845/0-3-8
Max Horz 2=138(LC 4)
Max Uplift6=-1239(LC 5), 2=-1386(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3450/2469, 3-9=-3033/2318, 4-9=-3032/2318, 4-10=-3046/2321, 5-10=-3046/2321, 5-6=-3463/2469
BOT CHORD 2-8=-2142/2996, 8-11=-2397/3286, 11-12=-2397/3286, 12-13=-2397/3286, 7-13=-2397/3286, 6-7=-2076/3009
WEBS 3-8=-475/918, 5-7=-455/905, 4-8=-459/533, 4-7=-429/487

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
) 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.
) Unbalanced roof live loads have been considered for this design.
) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
Provide adequate drainage to prevent water ponding.
* This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1239 lb uplift at joint 6 and 1386 lb uplift at joint 2.
Use Simpson Strong-Tie SUL24 (4-10d Girder, 4-10dx1 1/2 Truss) or equivalent at 7-0-0 from the left end to connect truss(es) CJ9 (1 ply 2 X 4 SYP) to front face of bottom chord, skewed 45.0 deg.to the left, sloping 0.0 deg. down.
Use Simpson Strong-Tie SUR24 (4-10d Girder, 4-10dx1 1/2 Truss) or equivalent at 15-0-0 from the left end to connect truss(es) CJ9 (1 ply 2 X 4 SYP) to front face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
Fill all nail holes where hanger is in contact with lumber.
"Nailed" indicates 3-10d or 2-12d common wire toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.

nued on page 2

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

POWER TO PERFORM.
14515 N. Outer Forty, Suite #300

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	H8	HIP	1	2	Job Reference (optional)	I142

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:40 2008

NOTES

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 134 lb down and 216 lb up at 9-0-12, and 134 lb down and 216 lb up at 11-0-0, and 134 lb down and 216 lb up at 12-11-4 on top chord, and 48 lb down at 9-0-12, and 48 lb down at 11-0-0, and 48 lb down at 12-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-60, 5-6=-60, 2-6=-20
   Concentrated Loads (lb)
   Vert: 3=-230(F) 5=-230(F) 7=-380(F) 8=-380(F) 4=-134(F) 9=-134(F) 10=-134(F) 11=-48(F) 12=-48(F) 13=-48(F)

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	H9	HIP	1	1	I142

Reese Building Components, INC., Sylvester Ga.

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:40 2008

Job Reference (optional)

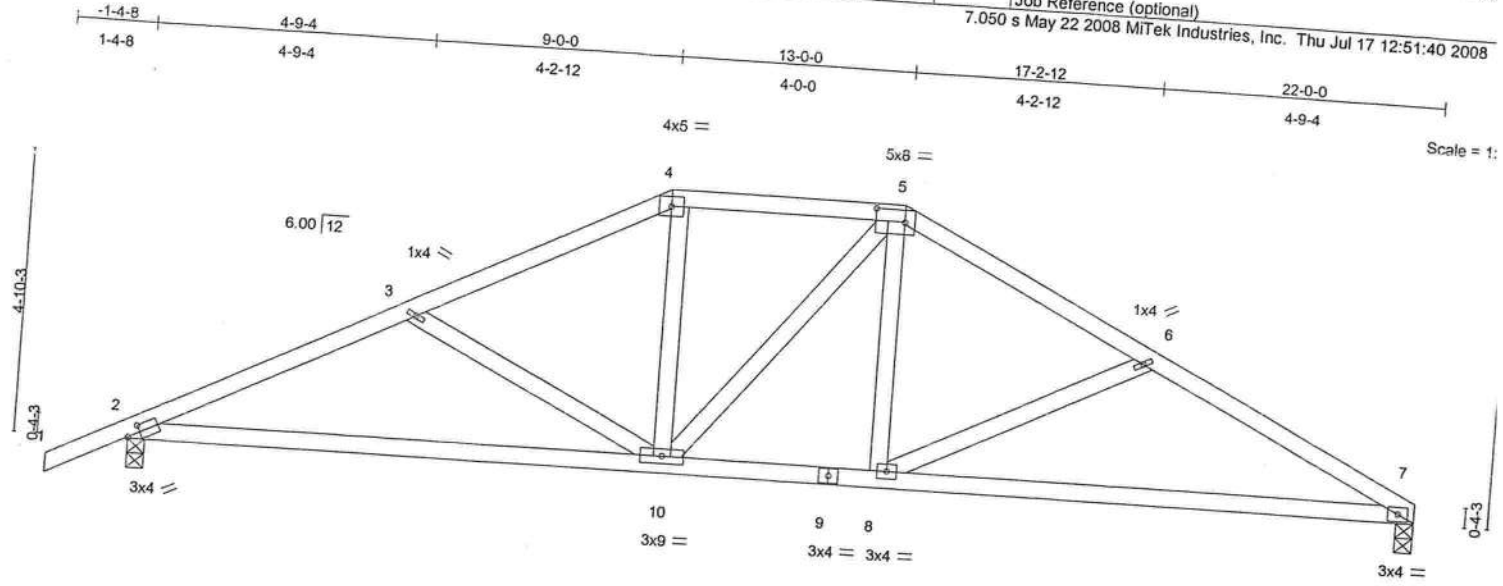


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [5:0-6-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	0.08	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.31	7-8	>849	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(TL)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 106 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-9-15 oc bracing.

REACTIONS (lb/size) 7=865/0-3-8, 2=963/0-3-8
Max Horz 2=152(LC 4)
Max Uplift7=-416(LC 5), 2=-550(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1494/722, 3-4=-1209/548, 4-5=-1034/554, 5-6=-1214/566, 6-7=-1509/756
BOT CHORD 2-10=-638/1290, 9-10=-305/1037, 8-9=-305/1037, 7-8=-585/1309
WEBS 3-10=-300/333, 4-10=-91/267, 5-8=-112/281, 6-8=-318/361

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 416 lb uplift at joint 7 and 550 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

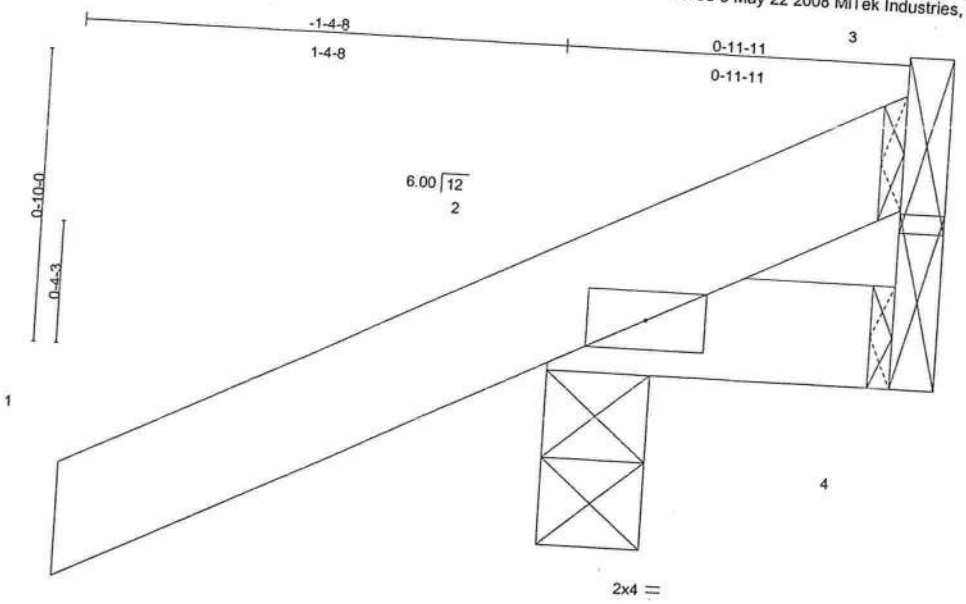
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	J	JACK	14	1	

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:41 2008



Scale = 1

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.00	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 6 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 0-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=185/0-3-8, 4=9/Mechanical, 3=-35/Mechanical
Max Horz 2=95(LC 4)
Max Uplift2=-238(LC 4), 3=-35(LC 1)
Max Grav 2=185(LC 1), 4=9(LC 1), 3=73(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 238 lb uplift at joint 2 and 35 lb uplift at joint 3.

LOAD CASE(S) Standard

SCOTT W. MILLER
LICENSE
No 58316
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert #6634

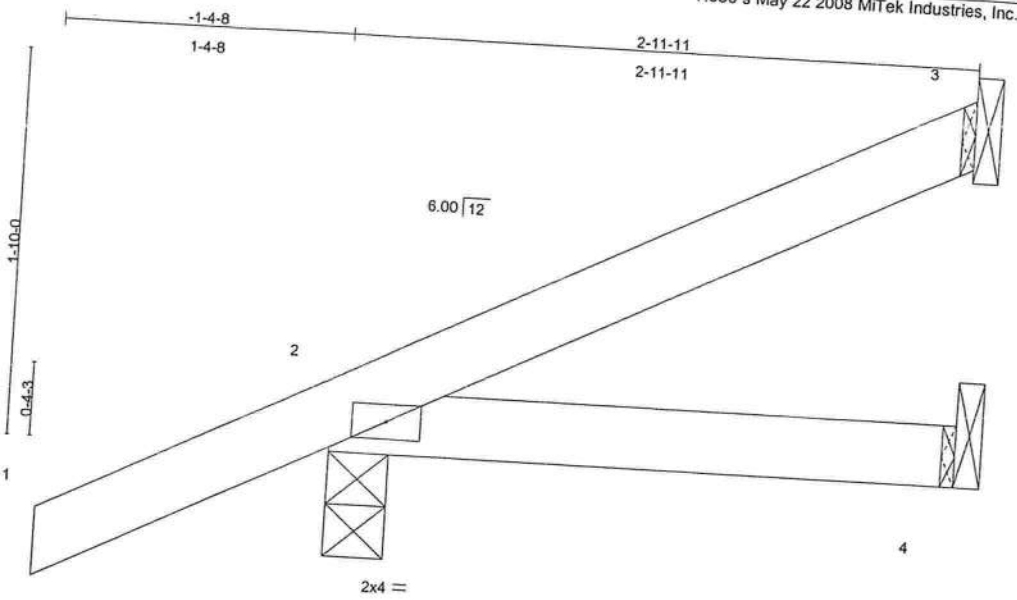
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	J2	JACK	14	1	I1422

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:41 2008 P



Scale = 1:1

2-11-11
2-11-11

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=58/Mechanical, 2=227/0-3-8, 4=28/Mechanical
Max Horz 2=160(LC 4)
Max Uplift3=-63(LC 4), 2=-206(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 3 and 206 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER
LICENSE
No 58316
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

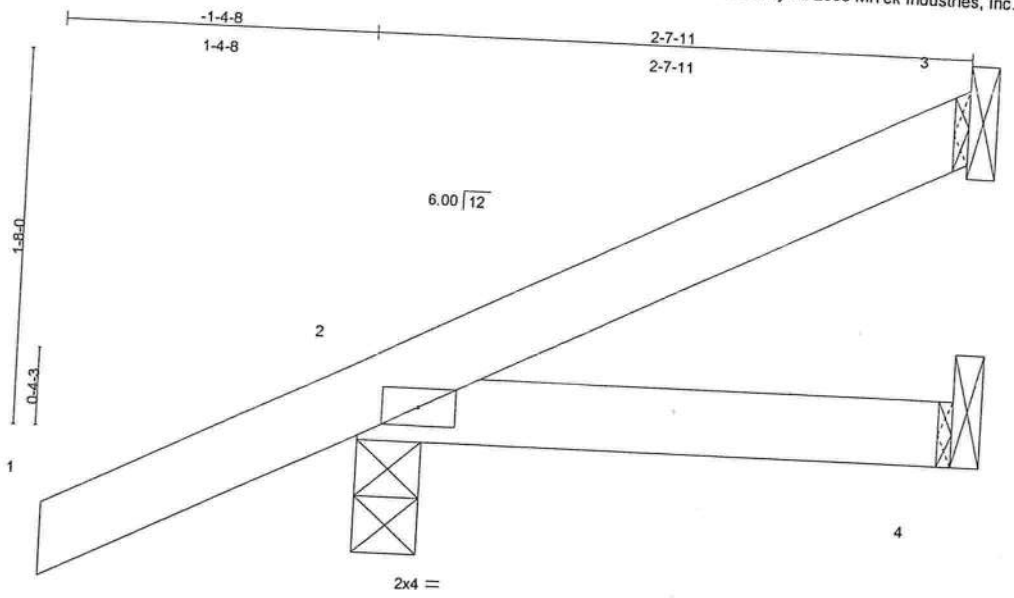
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	J2A	JACK	2	1		I1422

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:41 2008 P



Scale = 1:1

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=44/Mechanical, 2=217/0-3-8, 4=24/Mechanical
Max Horz 2=149(LC 4)
Max Uplift3=-45(LC 4), 2=-206(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 3 and 206 lb uplift at joint 2.

LOAD CASE(S) Standard

SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

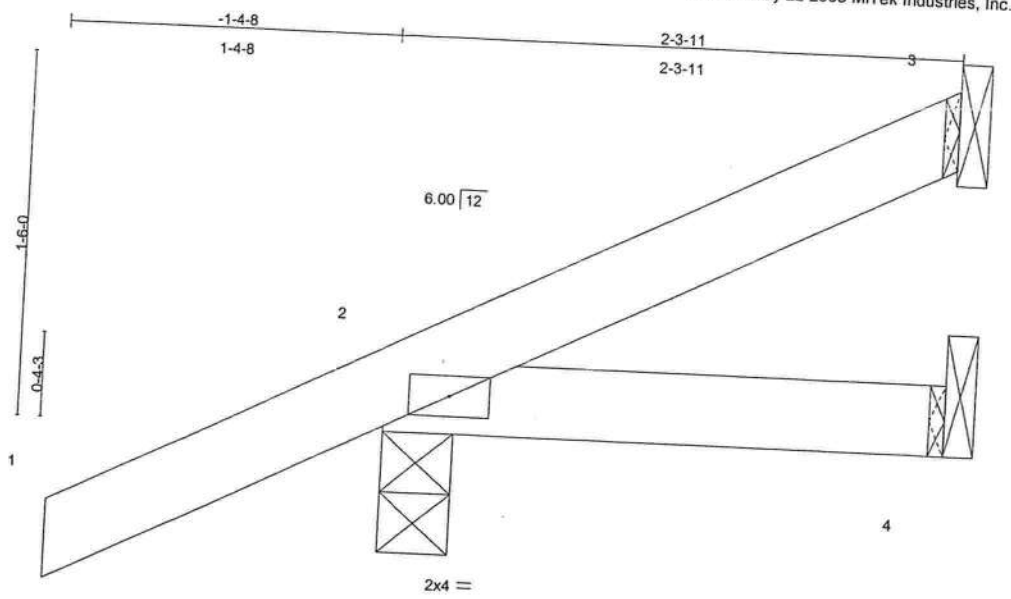
July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	J2B	JACK	2	1		I14229

Reese Building Components, INC., Sylvester Ga.

Job Reference (optional)

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:42 2008 P



Scale = 1:

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-3-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=30/Mechanical, 2=208/0-3-8, 4=21/Mechanical
Max Horz 2=138(LC 4)
Max Uplift3=-35(LC 5), 2=-209(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 3 and 209 lb uplift at joint 2.

LOAD CASE(S) Standard

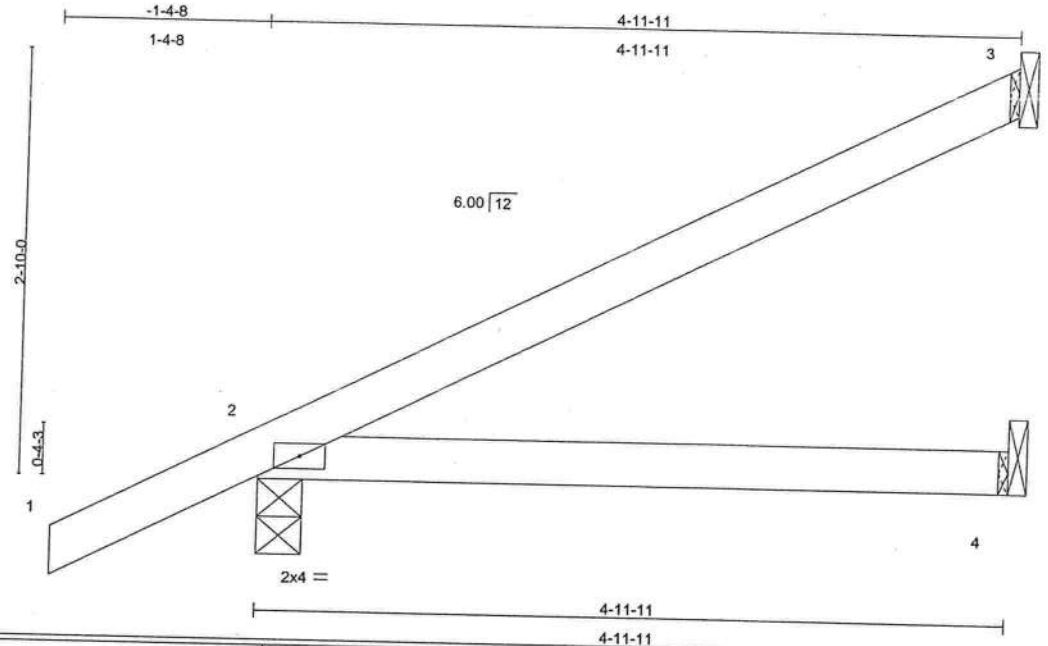
SCOTT W. MILLER LICENSE No 58316 STATE OF FLORIDA PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	
1365	J4	JACK	10	1		I142294
Reese Building Components, INC., Sylvester Ga.					Job Reference (optional)	

7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:42 2008 Pa



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.04	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=128/Mechanical, 2=296/0-3-8, 4=48/Mechanical
Max Horz 2=226(LC 4)
Max Uplift3=-154(LC 4), 2=-218(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 154 lb uplift at joint 3 and 218 lb uplift at joint 2.

LOAD CASE(S) Standard

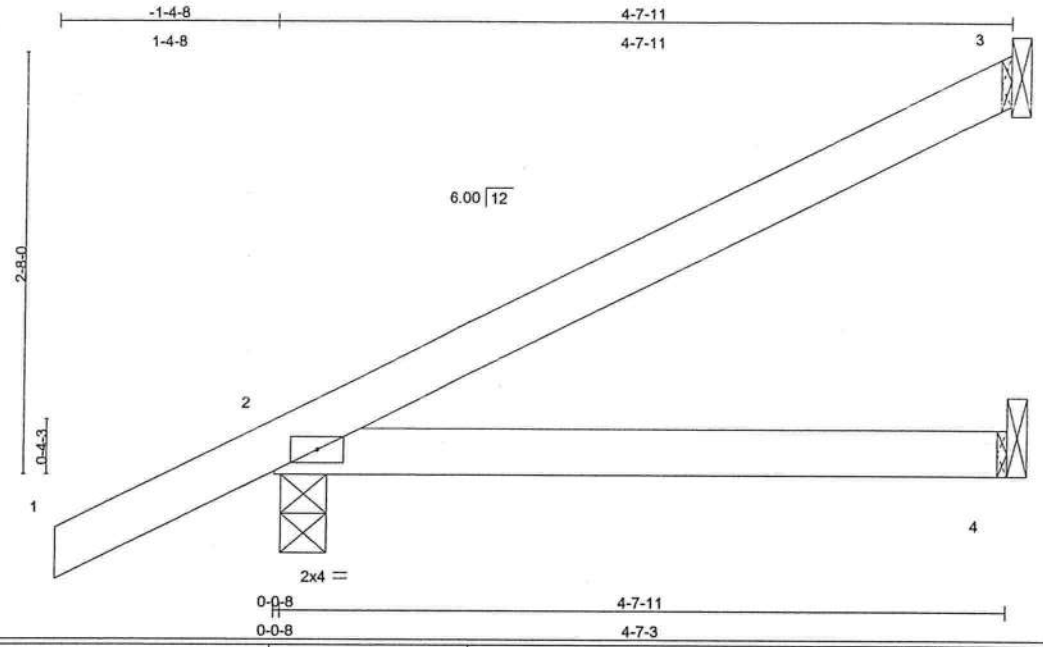
SCOTT W. MILLER
LICENSE
No 58316
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I142294
1365	J4A	JACK	2	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:43 2008 Pag



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.03	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 17 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=117/Mechanical, 2=284/0-3-8, 4=44/Mechanical
Max Horz 2=215(LC 4)
Max Uplift3=-140(LC 4), 2=-215(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 3 and 215 lb uplift at joint 2.

LOAD CASE(S) Standard

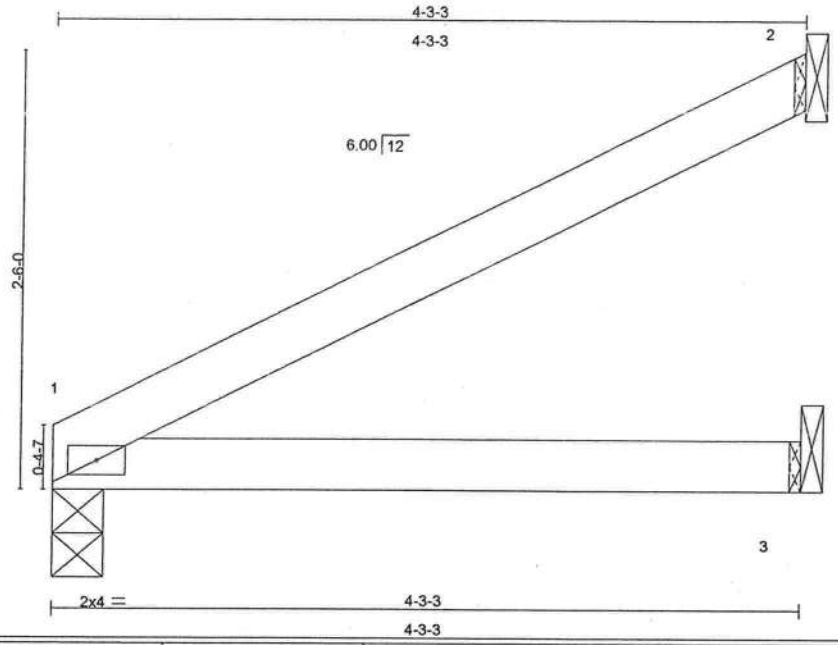
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES
1365	J4D	JACK	2	1	I142294
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:43 2008 Pa



Scale = 1:13

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	0.00	1	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.02	1-3	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 14 lb	

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

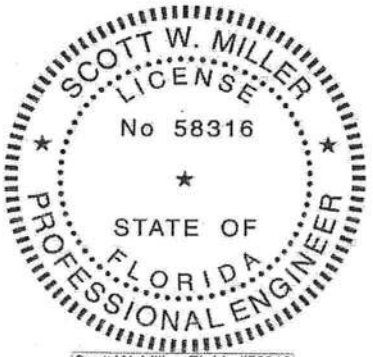
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=162/0-3-8, 2=122/Mechanical, 3=41/Mechanical
Max Horz 1=144(LC 4)
Max Uplift1=-56(LC 4), 2=-153(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 1 and 153 lb uplift at joint 2.

LOAD CASE(S) Standard



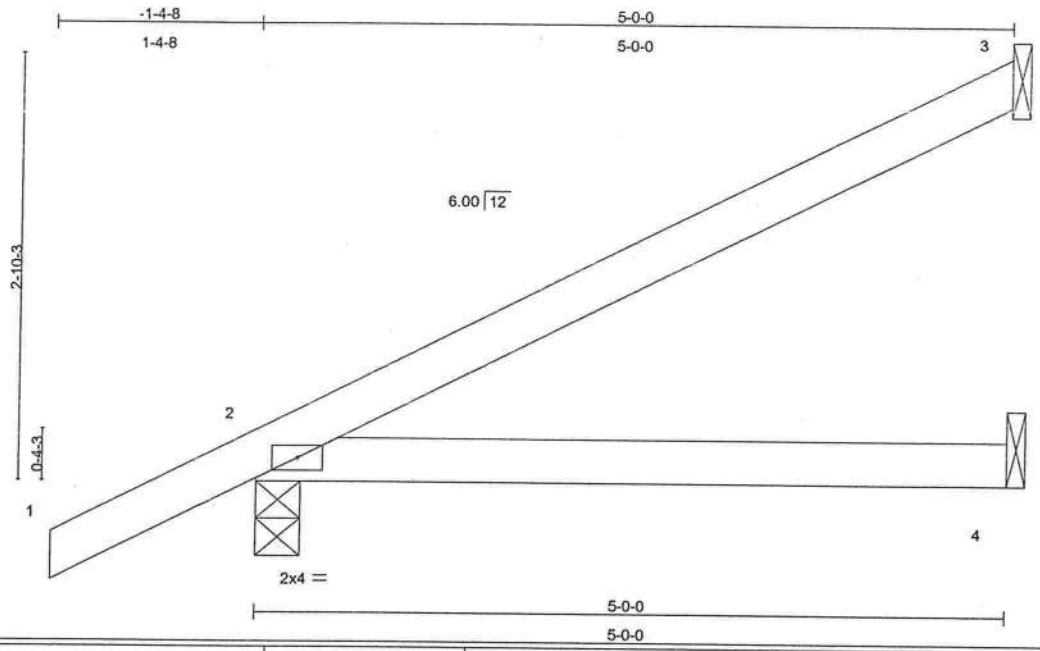
Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

POWER TO PERFORM™
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH HOMES	I1422942
1365	J5	JACK	4	1	Job Reference (optional)	

Reese Building Components, INC., Sylvester Ga. 7.050 s May 22 2008 MiTek Industries, Inc. Thu Jul 17 12:51:43 2008 Pag



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	0.00	2	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.04	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=129/Mechanical, 2=297/0-3-8, 4=48/Mechanical
Max Horz 2=227(LC 4)
Max Uplift3=-155(LC 4), 2=-218(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); TCDL=5.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
2) * This truss has been designed for a live load of 10.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 155 lb uplift at joint 3 and 218 lb uplift at joint 2.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

July 17,2008

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

HOMETEAM PEST DEFENSE®

27252

TREATMENT WORKORDER

☐ Termite Baiting System w/Tubes-under-the slab

☐ Treat Only ☐ Tubes-under-the slab and Treat ☒ Bora-Care Ram

DATE CALLED IN:	9-9	DATE OF SCHEDULE:	9/10
TIME CALLED IN:		TIME SCHEDULE:	

JOB NAME: PWH SUBDIVISION:

JOB ADDRESS: 208 NW Canton Lane

BILLING NAME: BILLING PHONE:

BILLING ADDRESS:

CALLED IN BY: PHONE: PERMIT NUMBER:

LOT & MODEL NUMBER: _____

DATE & TIME COMPLETED: 9/10/08

SQUARE FOOT: 2489 LINEAR FOOT: 575 BLOCKVOIDS: _____

SLAB TYPE: _____ TYPE OF FILL: _____

APPROX. DEPTH OF FOOTING: Outside: _____ Inside: _____

☐ Addition ☐ Spot Treat ☐ Pool Addition ☐ Driveway

☐ Final/Completion ☐ Other _____

PESTICIDE USED: BOR-RAM TOTAL APPLIED: 6 gal

PERCENT (%) USED: 23% STICKER POSTED: Y/S

PRICE PER SQ. FT. =	TOTAL FOR P.T.		
	ADDITIONAL		
	TAX:		
/ /	TOTAL AMOUNT	$	

X _____ X TECHNICIAN: Casey

I hereby acknowledge the satisfactory completion of the above described work.

GT 23 / TCI 12/05

Notice of Final Subterranean Termite Treatment

(as required by Florida Building Code (FBC) 1816.1.7)

9/10/08 — Time — Casey

Date of treatment — Time — Applicators name

[redacted] BOR-RAM — 6

Chemical name — Number of gallons

#27252

Disodium Octaborate Tetrahydrate 23 %

Chemical active ingredient

208 NW Carton Lane

Final treatment address and Lot #

allwood 2ft up from s/o

Area treated — Square footage

[redacted] Pennyworth

Contractor / Builder name

The building has recieved a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This final termite treatment notification is pursuant to Section: 104.2.7 of the Florida Building Code and Chapter 482 Florida Statutes 482.226 (6).

This final treatment notification does not change the original termite wood pretreatment date. The warranty renewal date for this structure will continue to be the original pretreatment date. HomeTeam Pest Defense will notify by mail the owners of the structure when the termite renewal is due for extended termite warranty coverage, and inspection.

Should it be determined that any portion of the termite Bora-Care wood pretreatment and/or slab, was damaged or disturbed in any way after any termite wood treatment, it is the responsibility of the builder/contractor to have this area retreated by HomeTeam Pest Defense. HomeTeam Pest Defense reserves the right to void all termite warranty coverage if this practice is not followed.

HOMETEAM
PEST DEFENSE®

6694 Columbia Park Drive So., Suite 3
Jacksonville, FL 32258
(904) 730-2522 FAX: (904) 730-3244