DATE 12/20/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025330

APPLICANT CHRIS NYE PHONE 755-9816

ADDRESS 321 NW COLE TERRAC SUITE 101 LAKE CITY FL 32055

OWNER THOMAS & JEANNE MCGAUGHEY PHONE 904.545.8561

ADDRESS 755 SW MAPLEWOOD FT. WHITE FL 32038

CONTRACTOR PENNYWORTH HOMES PHONE 800-545-8561

LOCATION OF PROPERTY 47-S TO HERLONG RD,TL GO TO OLD WIRE RD, TR, APPROX. 1.5 MILES, TL ON MAPLEWOOD,LOT 4 ON L(WITHIN 7/10 OF A MILE).

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 74800.00

HEATED FLOOR AREA 1496.00 TOTAL AREA 1628.00 HEIGHT 20.00 STORIES 1

FOUNDATION CONCREE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 13-6S-16-03817-204 SUBDIVISION OLD WIRE FOREST

LOT 4 BLOCK PHASE UNIT 0 TOTAL ACRES 10.00

		CRC058477		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	06-0571-N	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, PARENTS TO DAUGHTER NO SPECIAL FAMILY LOT PERMIT REQUIRED AS PARCEL IS 5 ACRES.

Check # or Cash 1023

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 $ 375.00 CERTIFICATION FEE $ 8.14 SURCHARGE FEE $ 8.14

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** 466.28

INSPECTORS OFFICE L. M CLERKS OFFICE CH

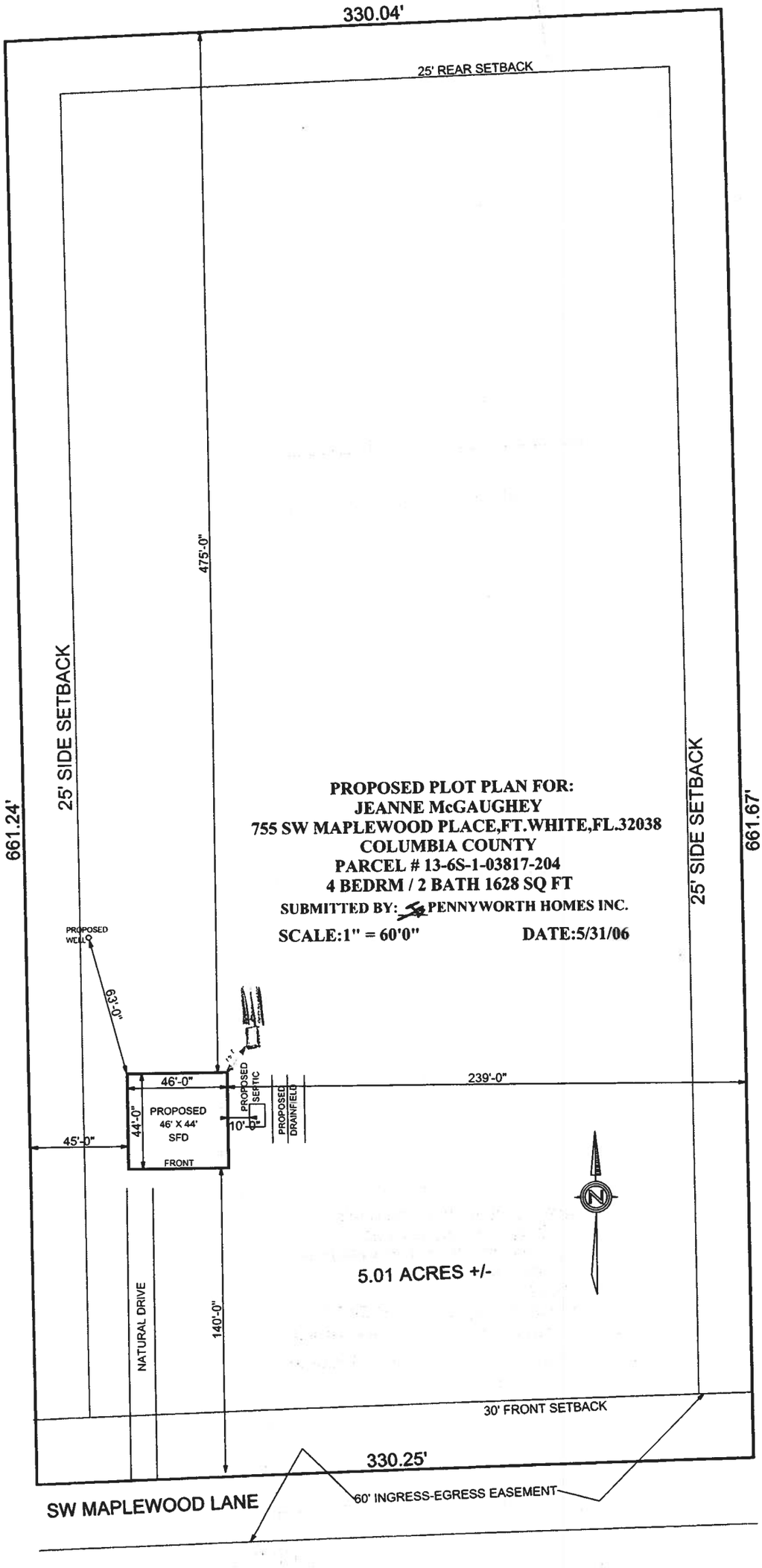
NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES,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

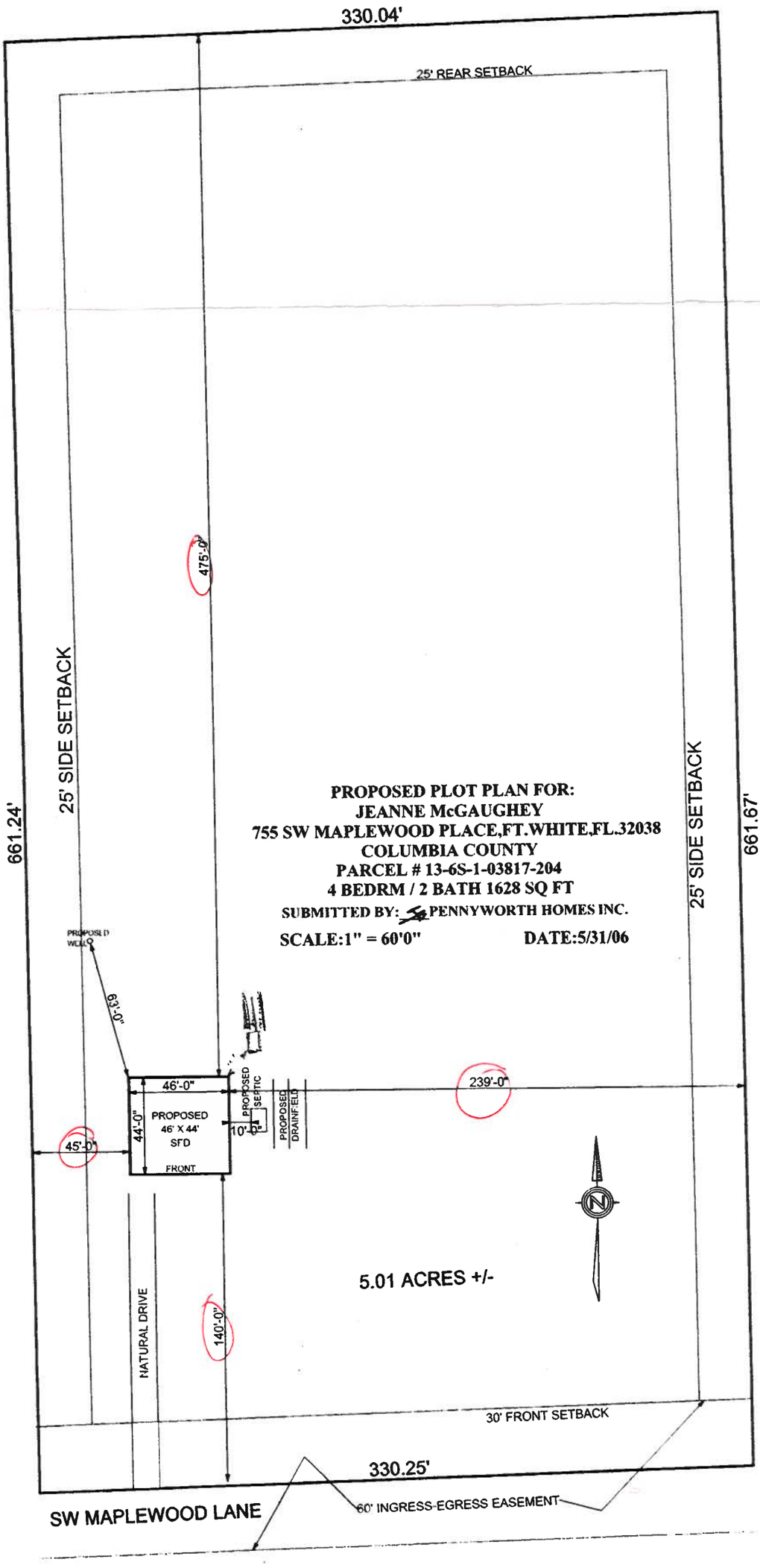
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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


330.04'
25' REAR SETBACK
475'-0"
25' SIDE SETBACK
661.24'
661.67'
25' SIDE SETBACK
PROPOSED PLOT PLAN FOR:
JEANNE McGAUGHEY
755 SW MAPLEWOOD PLACE,FT.WHITE,FL.32038
COLUMBIA COUNTY
PARCEL # 13-6S-1-03817-204
4 BEDRM / 2 BATH 1628 SQ FT
SUBMITTED BY: PENNYWORTH HOMES INC.
SCALE:1" = 60'0"
DATE:5/31/06
PROPOSED WELL
63'-0"
46'-0"
44'-0"
PROPOSED 46' X 44' SFD
FRONT
PROPOSED SEPTIC
10'-0"
PROPOSED DRAINFIELD
239'-0"
45'-0"
N
5.01 ACRES +/-
NATURAL DRIVE
140'-0"
30' FRONT SETBACK
330.25'
SW MAPLEWOOD LANE
60' INGRESS-EGRESS EASEMENT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NATURAL DRIVE
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25' SIDE SETBACK
661.67'
30' FRONT SETBACK
330.25'
SW MAPLEWOOD LANE
60' INGRESS-EGRESS EASEMENT

Prepared By and Return To:
Deas Bullard Properties
672 East Duval Street
Lake City, Florida 32055

WARRANTY DEED

This Warranty Deed made this . th day of November 2006 by **Deas Bullard Properties**, a Florida general partnership, hereinafter referred to as Grantor to **Thomas E. Hurt**, whose post office address is 775 SW Maplewood Pl, Fort White, Florida 32038, hereinafter referred to as the Grantee.

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situated in Columbia County, Florida.

Old Wire Forest, an unrecorded subdivision in Sections 13, 14, and 24, Township 6 South, Range 16 East, Columbia County, Florida.

Description: Lot #4: The Southeast ¼ of the Northwest ¼ of the Southwest ¼ of Section 13, Township 06 South, Range 16 East, Columbia County, Florida. The South 30 Feet of said lands being subject to an easement for ingress and egress. Containing 10.0218 acres, more or less.

Including 4 inch well, 42 gallon tank, 1 horsepower pump and 900 gallon septic tank.

Parcel Identification Number: 13-6S-16-03817-204

This Warranty Deed is given subject to the Declaration of Covenants, Conditions, Restrictions and Easements for Old Wire Forest, Dated May 2, 2001, and recorded December 10, 2001, in OR Book 941, Pages 1511-1531, The Grant of Easement dated October 9, 2001, recorded December 10, 2001, in OR Book 941, Pages 1532-1537 and the First Amendment to Declaration of Covenants, Conditions, Restrictions and Easements For Old Wire Forest dated December 7, 2001, recorded December 10, 2001, in OR Book 941, Pages 1538-1540.

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 grantee that the grantor is lawfully seized of said land in fee simple: that the grantor has good right and lawful authority to sell and convey said land: that the grantor 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 as noted above and taxes accruing subsequent to December 31, 2005.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

DEAS BULLARD PROPERTIES, a Florida general partnership

Witness: Holly Hanover

By: Audrey S. Bullard, general partner L.S.

Witness: MARTHA S. Thachijan

State of Florida
County of Columbia

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County last aforesaid to take acknowledgments personally appeared Audrey S. Bullard, Partner on behalf of Deas Bullard Properties, a Florida general partnership. She is personally known to me and who executed before me the foregoing deed and acknowledged before me that he executed the same.

WITNESSES my hand and official seal in the County and State last aforesaid this day of November, 2006

Printed Name Holly C. Hanover
Notary Public, State of Florida

Holly C. Hanover
Commission # DD553935
Expires May 18, 2010
Bonded Thru Fain - Insurance, Inc 800-385-7019

$466.28

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0611-69 Date Received 11/30/06 By CF Permit # 25330

Application Approved by - Zoning Official BLK Date 12.12.06 Plans Examiner OK JTH Date 12-14-06

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Parents to Daughter No Special Family Lot Permit Required as parcel is 5 acres, - NOC -

Applicants Name Chris Nye Phone 386-755-9816

Address 321 N.W. Cole Terrace Suite #101 Lake City FL. 32055

Owners Name Jeanne & Thomas McGaughey Phone 904-545-8561

911 Address ~~755~~ 687 SW Maplewood Place, Ft White, FL 32038

Contractors Name Pennyworth Homes Phone 800-879-1799

Address 679 Blackshear Rd. Thomasville, GA 31792

Fee Simple Owner Name & Address Same as owner

Bonding Co. Name & Address Fidelity & Deposit Company of Maryland, Baltimore Maryland

Architect/Engineer Name & Address Land structures

Mortgage Lenders Name & Address Global Mortgage 232. N.E 1st Ave Highsprings FL 32643

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 13-6S-16-03817-224 Estimated Cost of Construction $106,000

Subdivision Name Old Wire Forest Lot 4 Block ____ Unit ____ Phase ____

Driving Directions Take I-75 South from Lake City & exit on SR47 heading Southwest toward Ft. White FL for about 12 miles. At flashing light turn left on Elim Church Rd & go 1 mile to Old Wire Rd on left. Take old wire Rd 1/2 miles turn left on Maplewood Place & go 0.10 mile to Job on left.

Type of Construction New Construction SFD Number of Existing Dwellings on Property 0

Total Acreage 10 Lot Size 5 acre Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 140' Side 45' Side 239' Rear 475'

Total Building Height 20 Number of Stories 1 Heated Floor Area 1496 TOTAL 1628 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.

OWNERS AFFIDAVIT: 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.

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

R03817-224 = 687 Maplewood

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CAC058477

Competency Card Number ____

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 17th day of November 2006.

Personally known X or Produced Identification ____

Notary Signature

Elaine P. Tomlinson
Commission # DD473887
Expires November 1, 2009
Bonded Troy Fain - Insurance Inc 800-385-7019

JW called 12.20.06 spoke w/ Recorder: left message

0611-69

Pennyworth Homes

Got Land? Let's Build!™

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

12/13/2006

To: Columbia County Building Department

To Whom It May Concern:

I, Ebe Walter, authorize Chris Nye to act as my agent when applying for and picking up all permits in Columbia County.

Ebe Walter
CRC 058477

STATE OF FLORIDA
COUNTY OF LEON

I hereby certify on this day, before me, an officer to administer oaths and take Acknowledgements, personally appeared Ebe Walter known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that he executed the same, that I relied upon the following form of identification of the above named person Driver's License and that an oath (was) (was not) taken.

Witness my hand and official seal in the County and State last aforesaid this 14th Day of December, 2006.

Notary Public signature

Notary Public Printed Name

Elaine P. Tomlinson
Commission # DD473887
Expires November 1, 2009
Bonded Troy Fain - Insurance, Inc 800-385-7019

Sound Structures Engineering, Inc.

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

Pennyworth Homes, Inc.
January 27, 2007

RE: Alternate Sheathing Specifications
Sound Structures Job Number 05S-797

Permit #000025330
THOMAS & JEANNE McGAUGHEY

To Whom It May Concern:

As an alternative to the originally specified 7/16" OSB sheathing to be used for the above referenced project, it is acceptable to substitute Hardi-Panel sheathing in it's place. The nailing requirements will remain the same for the sheathing with 8d galvanized nails and no further adjustments are required. A modification to the stress levels in each wall is shown below:

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
			Longitudinal Walls			
1	36.0	89.3	6300.0	3214.8	51.0	Exterior
2	21.0	77.7	3675.0	1631.7	44.4	Exterior
3	20.0	97.4	3500.0	1948.0	55.7	Exterior
			Transverse Walls			
4	28.0	110.7	4900.0	3099.6	63.3	Exterior
5	12.3	94.3	2152.5	1159.9	53.9	Exterior
6	18.0	119.6	3150.0	2152.8	68.3	Exterior

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

(Original to follow)

Sincerely,

THOMAS E. BEITELMAN
No. 61870
Thomas E. Beitelman
FL PE #61870
FL SI #2060

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

Pennyworth Homes
Got Land? Let's Build!™

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

To: Joe Haltiwanger / Columbia County Building Dept

Subject: Application # 06-11-69

Address: 755 Maplewood Place, Ft White Fl.32038

Parcel # 13-6S-1-03817-204

Mr. Haltiwanger,
Attached are the plans with the electrical service note and the windload analysis with the foundation information you requested.

Thank You,

Jason Bishop, Permit Manager
Pennyworth Homes Inc.
800-897-1799 (ext 201)
jbishop@pwhhomes.com

P.S. Deeds Are Also Attached.

T/S

Sound Structures Engineering, Inc.

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

Pennyworth Homes, Inc.
December 4, 2006

RE: Footing Specification
Sound Structures Job Number 05S-797

To Whom It May Concern:

This letter is being sent to confirm that the 12" x 20" footing with (2) #5 longitudinal bars is acceptable for resisting the uplift requirements of the above referenced project, as well as acting as the primary foundation bearing element.

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

Sincerely,

Thomas E. Beitelman
FL. PE #51870
FL. SI #2060

UNIVERSAL
ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

Permit # 00002530

CLIENT: Penny Wouth Homes

PROJECT: S.W. Maple Rd & OLD Wire Rd McCaghey Res.

AREA TESTED: Fill & Building PAD & Foundation.

COURSE: F/G

DEPTH OF TEST: 0-1'

TYPE OF TEST: ASTM D-2922

DATE TESTED: 1-4-07

NOTE: The below tests DO / ~~DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
		107.1	~~107~~		10.8
Approx 5' NW of the S.E. Corner.					
Building Pad.	101.9	~~101.9~~	95.1	5.0	
Approx 5' S.W of the N.E. corner	103.0		96.2	4.7	
Building Pad					
Approx Center of North Ext. Found	102.8		96.0	3.9	

TECH. CS/JF

4404

HOMETEAM
PEST DEFENSE

Permit # 25330

Pennyworth Homes

Thomas & Jeanne McGaughey

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)

12-27-06
Date

755 S.W. Maplewood
Ft. White Fl. 32038

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 • 904.730.2622 Fax 904.730.3244
6694 Columbia Park Drive, Suite 3 • Jacksonville, Florida 32258 • 904.730.2622 Fax 904.730.3244
6694 Columbia Park Drive, Suite 3 • Jacksonville, Florida 32258 • 904.730.2622 Fax 904.730.3244
www.hometeamdefense.com

Joe, for your Info. JK

Sound Structures Engineering, Inc.

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

Pennyworth Homes, Inc.
January 27, 2007

RE: Alternate Sheathing Specifications
Sound Structures Job Number 05S-797

Permit #000025330
THOMAS & JEANNE McGAUGHEY

To Whom It May Concern:

As an alternative to the originally specified 7/16" OSB sheathing to be used for the above referenced project, it is acceptable to substitute Hardi-Panel sheathing in it's place. The nailing requirements will remain the same for the sheathing with 8d galvanized nails and no further adjustments are required. A modification to the stress levels in each wall is shown below:

Wind Load Analysis Results

First Story Level

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6	18.0	119.6	3150.0	2152.8	68.3	Exterior

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

(Original to follow)

Sincerely,

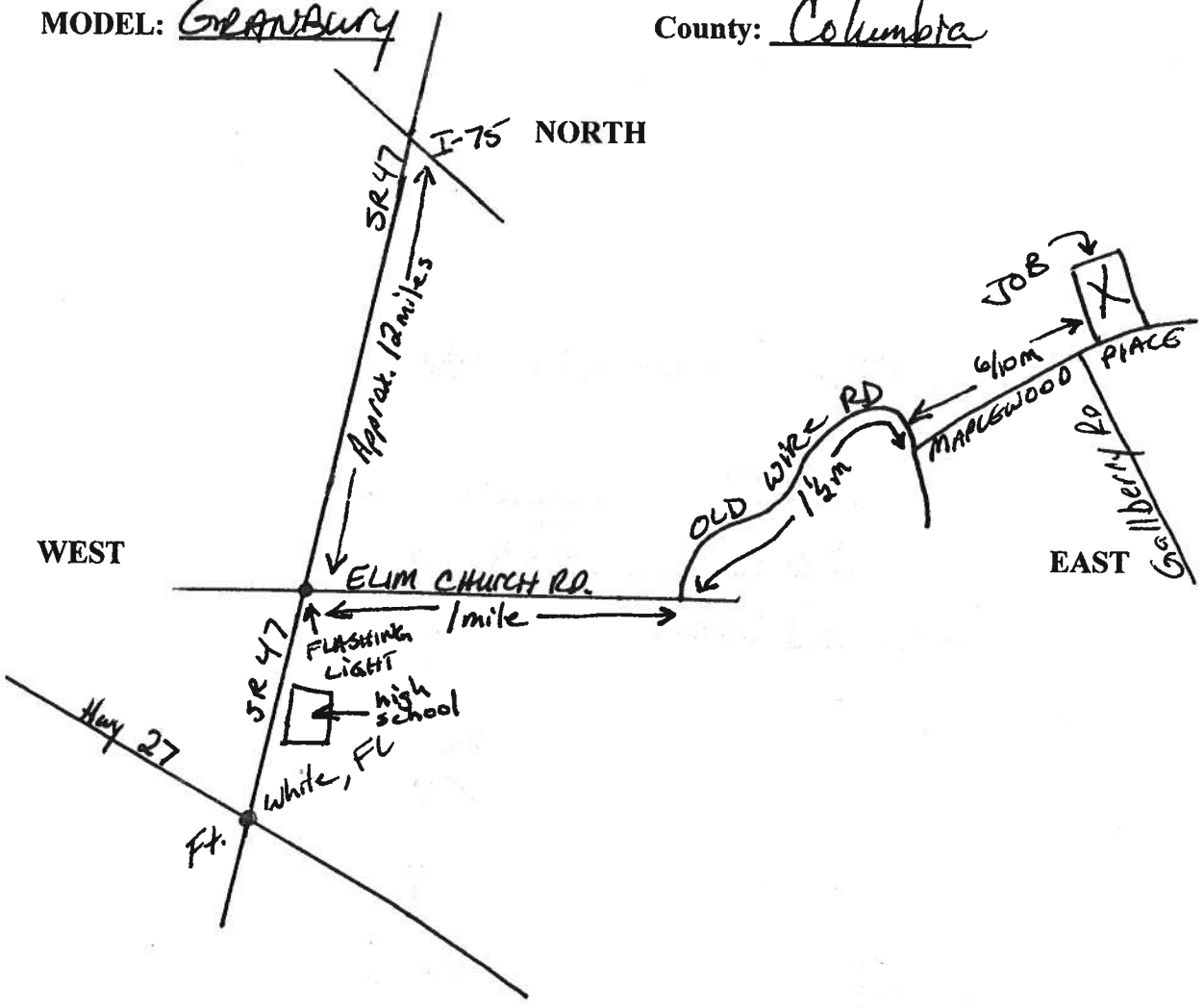
THOMAS E. BEITELMAN
No. 61470
Thomas E. Beitelman
FL, PE #61870
FL, SI #2060

PENNYWORTH HOMES, INC

DIRECTIONS TO JOB SITE OF: Jeanne McGaughey

JOB # 06-04-005A **ADDRESS:** ~~XXX~~ 155 Maplewood Place, Ft. White, FL

MODEL: Granbury **County:** Columbia



TYPE DETAILED DIRECTIONS BELOW INCLUDING IDENTIFYING LANDMARKS, SUCH AS STORES, SIGNS, GAS STATIONS, ETC. WITH MILEAGE BETWEEN ROADS LISTED. BE VERY DETAILED AND DOUBLE CHECK FOR ACCURACY. POST PWH SIGN ON THE JOB.

TAKE I-75 South from Lake City and exit on SR 47 heading SouthWest toward Ft. White, FL for approximately 12 miles. At flashing light turn left on Elim Church Rd. and go 1 mile to Old Wire Rd on left. TAKE Old Wire Rd 1½ miles and turn left on Maplewood Place and go 6/10 mile to job on the left.

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave
Lake City, FL. 32025
Phone 386-752-6677
Fax 386-752-1477

Oldwire Forest 4-B

Building Permit #_____ Owner's Name Thomas + Jaime McLaughlin

Well Depth_____ Ft. Casing Depth _____Ft. Water Level _____Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Schaffer Pump Model 7L4418X10-52 HP 1

System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 18 (GPM)

Tank Installation: Bladder/Galvanized Make Challenger
Model PC 244 Size 81

Tank Draw-down per cycle at system pressure 25.1 gallons

I HEREBY VERTIFY THAT THIS WATER WELL SYSTEM HAS BEEN INSTALLED AS PER THE ABOVE INFORMATION.

Linda Newcomb
Signature

Linda Newcomb
Print Name

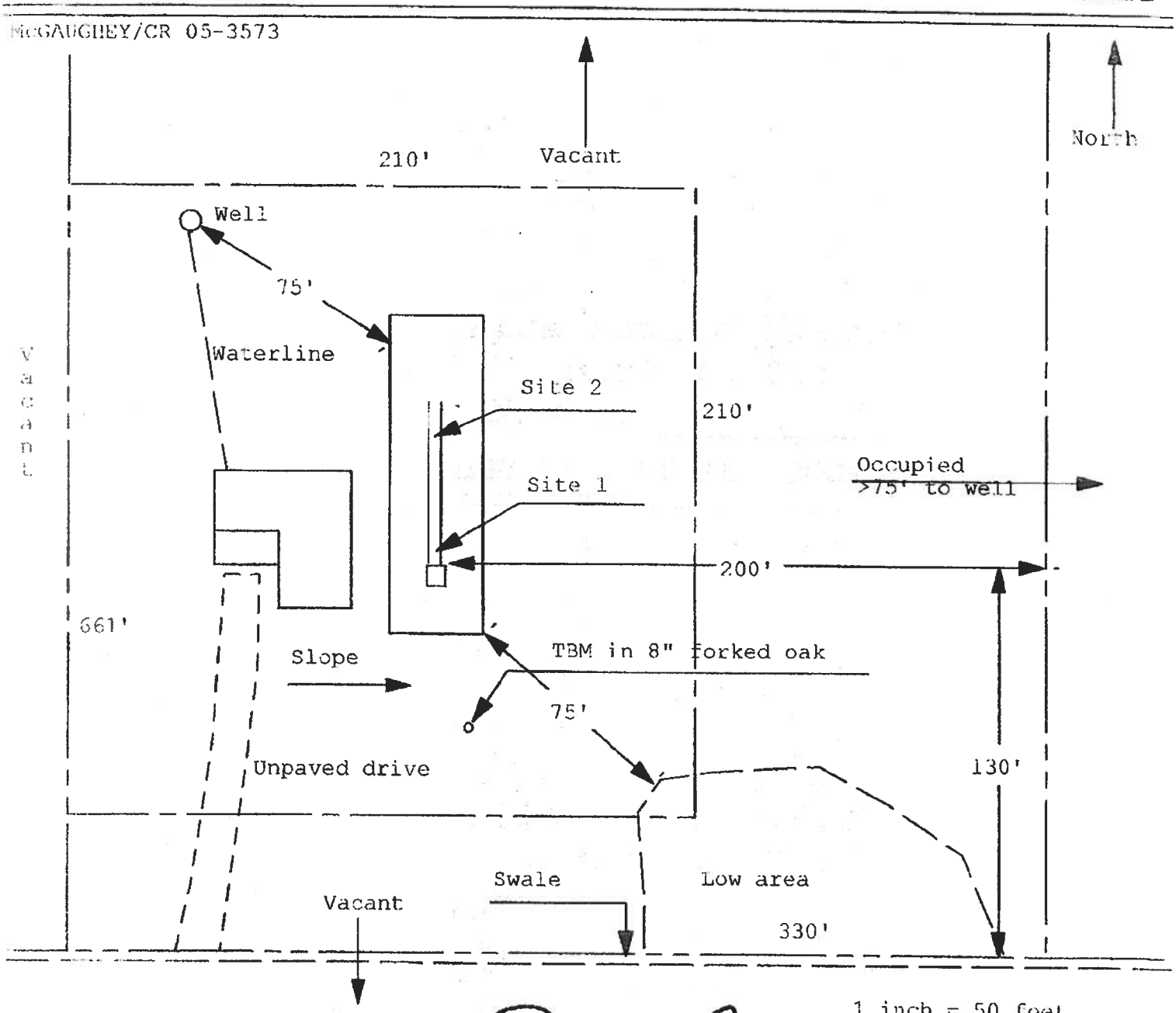
2609
License Number

11-29-06
Date

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

Permit Application Number: 06-0571N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 6/13/06

Plan Approved X Not Approved ____ Date ____

By S Graddy - ES II 6.20.06 CPHU

Notes: Columbia CHD

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 3/20/2007 **DATE ISSUED:** 3/22/2007

ENHANCED 9-1-1 ADDRESS:

687 SW MAPLEWOOD PL

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

13-6S-16-03817-224

Remarks:

PART OF LOT 4 OLD WIRE FOREST UNR

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

680

#25330

Inst:2006027705 Date:11/22/2006 Time:12:35
DC,P.DeWitt Cason,Columbia County B:1102 P:2161

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA
PARCEL# R03817-204

TO WHOM IT MAY CONCERN:
The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with Section 713.13, Florida Statutes, the following information is stated in this Notice.

1. DESCRIPTION OF PROPERTY: SEE EXHIBIT A

2. GENERAL DESCRIPTION OF IMPROVEMENTS: TO CONSTRUCT A HOME

3. NAME AND ADDRESS OF OWNER: JEANNE E MCGAUGHEY AND THOMAS R MCGAUGHEY
SW MAPLEWOOD PLACE
FORT WHITE, FL 32038

4. OWNER'S INTEREST IN SITE OF IMPROVEMENTS: Fee Simple.

5. NAME AND ADDRESS OF CONTRACTOR: PENNYWORTH HOMES
679 BLACKSHEAR RD
THOMASVILLE, GA 31792

6. NAME AND ADDRESS OF LENDER MAKING A LOAN FOR CONSTRUCTION OF IMPROVEMENTS:

BB&T MORTGAGE
301 COLLEGE STREET
GREENVILLE, SC 29601

7. Notices or other documents must be served upon the Owner, at the address stated in Item 3 herein above.
8. In addition to himself, Owner designates the following person to receive a copy of Lienor's Notice as provided in section 713.06(2) (b), Florida Statutes.

Thomas E Hurt
THOMAS E HURT

Jeanne E McGaughey
JEANNE E MCGAUGHEY

Kathleen M. Hurt
KATHLEEN M HURT

Thomas R McGaughey
THOMAS R MCGAUGHEY

State of Florida
County of Columbia

The foregoing Notice of Commencement was acknowledged before me this 16th day of November, 2006 by Jeanne E Mcgaughey and Thomas R Mcgaughey who(m) has (have) produced FL Dr Lics as identification and who(m) did not take an oath.

JANET ADELE DIIORIO
Commission #DD241405
My Commission Expires
September 7, 2007

NOTARY PUBLIC, State of Florida
My Commission Expires: 9/7/07

9/17/02

FL3CASH

DESCRIPTION:

PARCEL 1

THE WEST 1/2 OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 13, TOWNSHIP 6 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY,FLORIDA. THE SOUTH 30 FEET OF SAID LANDS BEING SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS.
CONTAINING 5.01 ACRES MORE, OR LESS.

Inst:2006027705 Date:11/22/2006 Time:12:35
_____DC,P.DeWitt Cason,Columbia County B:1102 P:2162

Prepared by & Return to:
KIMBERLY MILLS
TRANSCONTINENTAL TITLE COMPANY
8081 PHILLIPS HIGHWAY
Suite 22
Jacksonville, FL 32256
File No.: 15-49165
Parcel No.: 13-6S-16-03817-204

TRUE AND CERTIFIED COPY
TRANSCONTINENTAL TITLE COMPANY

QUIT-CLAIM DEED

This QUIT-CLAIM DEED, executed this 15th day of November 2006, by:

THOMAS E. HURT, A MARRIED MAN, JOINED BY HIS SPOUSE KATHLEEN M. HURT

Whose post office address is: 755 SW Mapplewood pl Ft White FL 32038
Hereinafter called GRANTOR, TO:

THOMAS E. HURT AND KATHLEEN M. HURT, HUSBAND AND WIFE AND THOMAS R. MCGAUGHEY AND JEANNE E. MCGAUGHEY

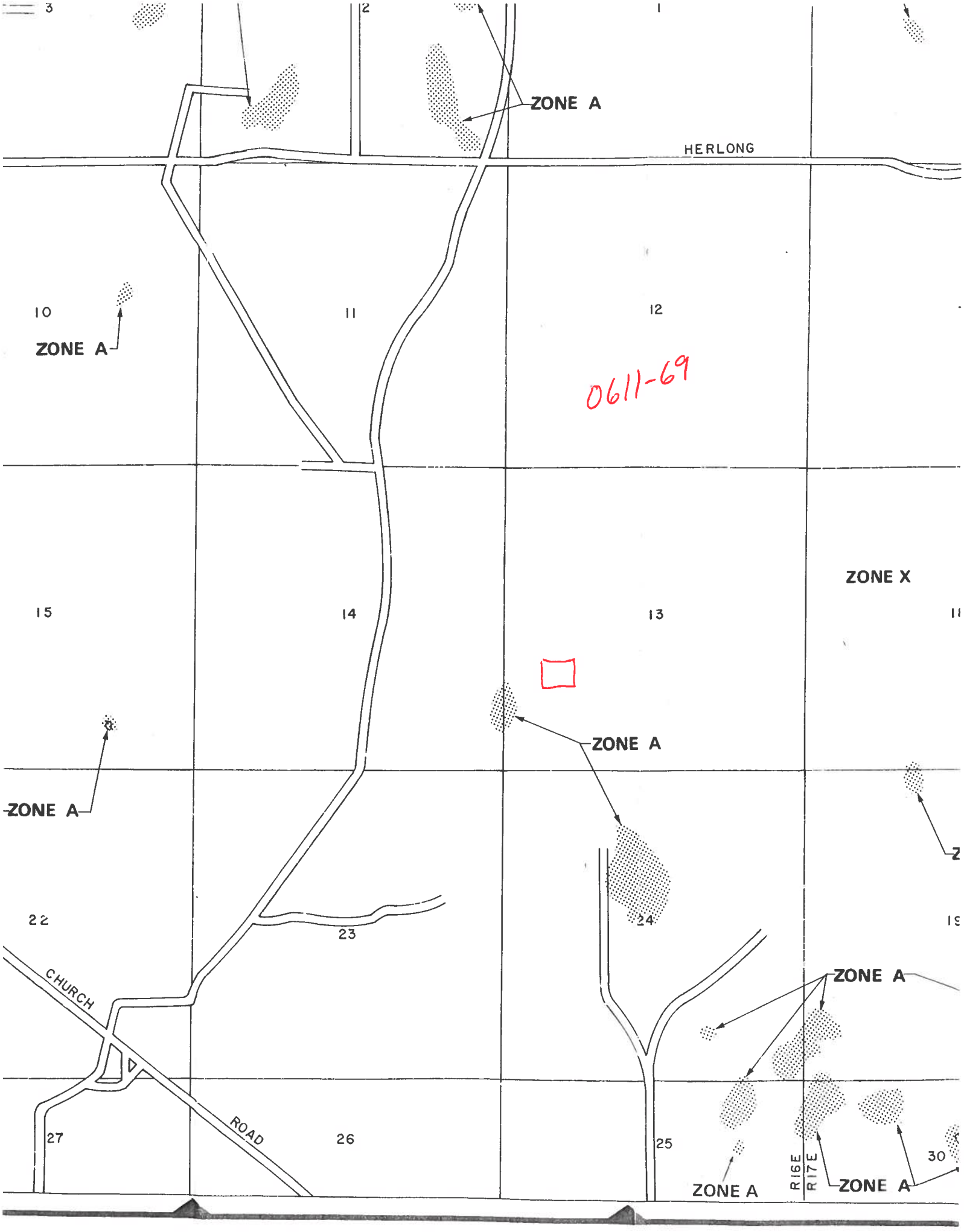
Whose post office address is: 755 SW Mapplewood pl Ft White FL 32038
Hereinafter called GRANTEE:

Wherever used herein the terms "GRANTOR" AND "GRANTEE" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations.

Witnessed: That GRANTOR, for and in consideration of the sum of $10.00 and other valuable considerations in hand paid by GRANTEE, the receipt of which is hereby acknowledged, does hereby remise, release and quit-claim unto GRANTEE forever, all the right, title, interest, claim and demand which GRANTOR has in and to the following described lot, piece, or parcel of land, situate, lying and being COLUMBIA County, Florida.

PARCEL 1 (SEE ATTACHED EXIBIT A)

TO HAVE AND TO HOLD, the same together with all and singular the appurtenances thereunto belonging to in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim


3
2
1
ZONE A
HERLONG
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11
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ZONE A
0611-69
ZONE X
15
14
13
ZONE A
ZONE A
22
23
24
CHURCH
ROAD
ZONE A
27
26
25
ZONE A
R16E
R17E
ZONE A
30

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Pennyworth Homes McGaughey Granbury Mode**	Builder:	**Pennyworth Homes**
Address:	**755 SW Maplewood Place**	Permitting Office:	**Columbia**
City, State:	**Ft. White, FL**	Permit Number:	25330
Owner:	**Jeanne McGaughey**	Jurisdiction Number:	221000
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	4	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1496 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)	7a. Description: (Dble Default)	Area: 178.0 ft²
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear)	178.0 ft²
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 180.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1220.0 ft²	
	b. N/A		
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1496.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 110.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 28.5 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 28.5 kBtu/hr HSPF: 8.00	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 50.0 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: 0.12 Total as-built points: 22484 Total base points: 26299 **PASS**

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

PREPARED BY: Anne Chaisner

DATE: 6/14/06

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

OWNER/AGENT: _____

DATE: 11/17/06

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.

BUILDING OFFICIAL: _____

DATE: _____

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

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, 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	1496.0	20.04	5396.4	Double, Clear	N	0.0	0.0	102.0	19.20	1.00	1958.4
				Double, Clear	E	0.0	0.0	15.0	42.06	1.00	631.0
				Double, Clear	S	0.0	0.0	30.0	35.87	1.00	1076.0
				Double, Clear	S	8.2	5.0	19.0	35.87	0.46	316.5
				Double, Clear	W	0.0	0.0	12.0	38.52	1.00	462.3
				As-Built Total:				**178.0**			**4444.1**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1220.0	1.50		1830.0
Exterior	1220.0	1.70	2074.0								
Base Total:	**1220.0**		**2074.0**	**As-Built Total:**				**1220.0**			**1830.0**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				42.0	4.10		172.2
Exterior	42.0	6.10	256.2								
Base Total:	**42.0**		**256.2**	**As-Built Total:**				**42.0**			**172.2**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1496.0	1.73	2588.1	Under Attic			30.0	1496.0	1.73 X 1.00		2588.1
Base Total:	**1496.0**		**2588.1**	**As-Built Total:**				**1496.0**			**2588.1**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	180.0(p)	-37.0	-6660.0	Slab-On-Grade Edge Insulation			0.0	180.0(p	-41.20		-7416.0
Raised	0.0	0.00	0.0								
Base Total:			**-6660.0**	**As-Built Total:**				**180.0**			**-7416.0**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1496.0	10.21	15274.2					1496.0	10.21		15274.2

FORM 600A-2004 EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 18928.8			**Summer As-Built Points:**					**16892.6**
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 28500 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
18928.8	0.4266	8075.0	16893 **16892.6**	1.00 **1.00**	(1.08 x 1.147 x 0.91) **1.128**	0.263 **0.263**	1.000 **1.000**	5004.0 **5004.0**

FORM 600A-2004 EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, 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	1496.0	12.74	3430.6	Double, Clear	N	0.0	0.0	102.0	24.58	1.00	2506.9
				Double, Clear	E	0.0	0.0	15.0	18.79	1.00	281.9
				Double, Clear	S	0.0	0.0	30.0	13.30	1.00	398.9
				Double, Clear	S	8.2	5.0	19.0	13.30	3.38	852.9
				Double, Clear	W	0.0	0.0	12.0	20.73	1.00	248.7
				As-Built Total:				**178.0**			**4289.3**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1220.0	3.40		4148.0
Exterior	1220.0	3.70	4514.0								
Base Total:	**1220.0**		**4514.0**	**As-Built Total:**				**1220.0**			**4148.0**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				42.0	8.40		352.8
Exterior	42.0	12.30	516.6								
Base Total:	**42.0**		**516.6**	**As-Built Total:**				**42.0**			**352.8**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	1496.0	2.05	3066.8	Under Attic			30.0	1496.0	2.05 X	1.00	3066.8
Base Total:	**1496.0**		**3066.8**	**As-Built Total:**				**1496.0**			**3066.8**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	180.0(p)	8.9	1602.0	Slab-On-Grade Edge Insulation			0.0	180.0(p	18.80		3384.0
Raised	0.0	0.00	0.0								
Base Total:			**1602.0**	**As-Built Total:**				**180.0**			**3384.0**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	1496.0	-0.59	-882.6					1496.0	-0.59		-882.6

FORM 600A-2004 EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**12247.4**	**Winter As-Built Points:**					**14358.3**
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 28500 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
12247.4	0.6274	7684.0	14358.3	1.000	(1.060 x 1.169 x 0.93)	0.426	1.000	7053.0
			14358.3	**1.00**	**1.152**	**0.426**	**1.000**	**7053.0**

FORM 600A-2004 EnergyGauge® 4.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, 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
4	2635.00	10540.0	50.0	0.93	4	1.00	2606.67	1.00	10426.7
			As-Built Total:						**10426.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
8075	**7684**	**10540**	**26299**	**5004**	**7053**	**10427**	**22484**

PASS

FORM 600A-2004 EnergyGauge® 4.0

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **755 SW Maplewood Place, Ft. White, 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.	N/A
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%.	N/A
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* = 85.9

The higher the score, the more efficient the home.

Jeanne McGaughey, 755 SW Maplewood Place, Ft. White, FL,

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	4	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1496 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)	7a. (Dble Default) 178.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 178.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 180.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1220.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1496.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 110.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 28.5 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 28.5 kBtu/hr HSPF: 8.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 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)		

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: 11/29/06

Address of New Home: 755 SW Maplewood Place City/FL Zip: Ft White 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.

****
**
** TRACE 600 ANALYSIS **
**
** by BLUE HERON CONSULTING **
**
****

PENNYWORTH HOMES MCGAUGHEY GRANBURY MD
FT. WHITE, FL

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: 12:23: 1 6/ 9/ 6
Dataset Name: NNYMCGAU .TM

Trane Air Conditioning Economics
By: BLUE HERON CONSULTING

V 600
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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	80	1,122	1,122	1,122	80	0	0
Totals		80	1,122	1,122	1,122	80	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	2.4	0.0	0.0	2.4	-20,953	0	0	0	0	0	-20,953
Totals		2.4	0.0	0.0	2.4	-20,953	0	0	0	0	0	-20,953

The building peaked at hour 15 month 9 with a capacity of 2.4 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	Cooling: Btuh/ Sq Ft	Heating: Cfm/ Sq Ft	Heating: Btuh/ Sq Ft	Floor Area Sq Ft
1	Main	SZ	7.13	0.75	473.2	630.9	19.02	0.75	14.01	1,496

Trane Air Conditioning Economics
By: BLUE HERON CONSULTING

V 600
PAGE 437

SYSTEM CHECKSUMS System 1 Peak SZ - SINGLE ZONE SYSTEM

	COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK		
Peaked at Time ==>	Mo/Hr: 9/15					Mo/Hr: 9/15		Mo/Hr: 13/ 1		
Outside Air ==>	OADB/WB/HR: 93/ 75/105.0					OADB: 93		OADB: 31		
Envelope Loads	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 (%)
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	5,640	0		5,640	19.82	5,640	23.25	-3,067	-3,067	14.64
Glass Solar	11,036	0		11,036	38.78	11,036	45.49	0	0	0.00
Glass Cond	2,450	0		2,450	8.61	2,450	10.10	-6,125	-6,125	29.23
Wall Cond	5,134	0		5,134	18.04	5,134	21.16	-4,657	-4,657	22.22
Partition	0			0	0.00	0	0.00	0	0	0.00
Exposed Floor	0			0	0.00	0	0.00	-3,469	-3,469	16.55
Infiltration	0			0	0.00	0	0.00	0	0	0.00
Sub Total==>	24,260	0		24,260	85.26	24,260	100.00	-17,317	-17,317	82.64
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	3,796	13.34	0	0.00	0	-3,636	17.36
Sup. Fan Heat				399	1.40		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==>	24,260	0	0	28,455	100.00	24,260	100.00	-17,317	-20,953	100.00

COOLING COIL SELECTION

	Total Capacity (Tons)	Total Capacity (Mbh)	Sens Cap. (Mbh)	Coil Airfl (cfm)	Entering DB Deg F	Entering WB Deg F	Entering Grains	Leaving DB Deg F	Leaving WB Deg F	Leaving Grains
Main Clg	2.4	28.5	26.2	1,122	76.3	63.5	67.8	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	2.4	28.5								

AREAS

	Gross Total	Glass (sf)	(%)
Floor	1,496		
Part	0		
ExFlr	180		
Roof	1,496	0	0
Wall	1,440	178	12

HEATING COIL SELECTION

	Capacity (Mbh)	Coil Airfl (cfm)	Ent Deg F	Lvg Deg F
Main Htg	-21.0	1,122	69.1	85.9
Aux Htg	0.0	0	0.0	0.0
Preheat	-0.0	1,122	69.1	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	-21.0			

AIRFLOWS (cfm)

Type	Cooling	Heating
Vent	80	80
Infil	0	0
Supply	1,122	1,122
Mincfm	0	0
Return	1,122	1,122
Exhaust	80	80
Rm Exh	0	0
Auxil	0	0

ENGINEERING CHECKS

Clg % OA	7.1
Clg Cfm/Sqft	0.75
Clg Cfm/Ton	473.23
Clg Sqft/Ton	630.90
Clg Btuh/Sqft	19.02
No. People	0
Htg % OA	7.1
Htg Cfm/SqFt	0.75
Htg Btuh/SqFt	-14.01

TEMPERATURES (F)

Type	Clg	Htg
SADB	55.5	85.9
Plenum	75.0	72.0
Return	75.0	72.0
Ret/OA	76.3	69.1
Runarnd	75.0	72.0
Fn MtrTD	0.1	0.0
Fn BldTD	0.1	0.0
Fn Frict	0.2	0.0

Trane Air Conditioning Economics
By: BLUE HERON CONSULTING

V 600
PAGE 438

MAIN SYSTEM COOLING - ALTERNATIVE 1

PEAK COOLING LOADS
(Main System)

Room Number	Description	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	GRANBURY MODEL	9/15	93	75	55.5	1,122	24,260	0	9/15	93	75	55.5	1,122	26,220	2,235
Zone 1	Total/Ave.		93	75	55.5	1,122	24,260	0		93	75	55.5	1,122	26,220	2,235
Zone 1	Block	9/15	93	75	55.5	1,122	24,260	0	9/15	93	75	55.5	1,122	26,220	2,235
System 1	Total/Ave.		93	75	55.5	1,122	24,260	0		93	75	55.5	1,122	26,220	2,235
System 1	Block	9/15	93	75	55.5	1,122	24,260	0	9/15	93	75	55.5	1,122	26,220	2,235

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	GRANBURY MODEL	1,496	13/ 1	31	27	72	85.9	1,122	-17,317	13/ 1	31	27	72	85.9	1,122	-20,953
Zone 1	Total/Ave.	1,496		31	27	72	85.9	1,122	-17,317		31	27	72	85.9	1,122	-20,953
Zone 1	Block	1,496	13/ 1	31	27	72	85.9	1,122	-17,317	13/ 1	31	27	72	85.9	1,122	-20,953
System 1	Total/Ave.	1,496		31	27	72	85.9	1,122	-17,317		31	27	72	85.9	1,122	-20,953
System 1	Block	1,496	13/ 1	31	27	72	85.9	1,122	-17,317	13/ 1	31	27	72	85.9	1,122	-20,953

Sound Structures Engineering, Inc.

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

(jurisdiction), **Activity #** 05S-797

WIND ANALYSIS - 110 MPH Wind Velocity or as interpolated (attach calculations)

Calculations as per Section 1609, FBC 2004, ASCE 7-02, or as per ASCE 7-02 (see instructions below)

Attachments required:

1. The applicable building floor plan with EACH Wind Analysis, a reduced legible plan may be provided.
2. Indicate location of all valuted or high ceilings on floor plan.
3. A truss layout from the truss engineer will be required. The layout will indicate all interior bearing walls or points.

Job Address:	McGaughey Residence - SW Maplewood Place	Date:	6/30/2006
Contractor:	Pennyworth Homes, Inc.	Subdivision/Lot/Block:	
Prepared By:	Thomas E. Beitelman	Design Professional FL Lic. #:	51870
Importance factor: 1	Building Category: II	Wind Exposure (s):	Exposure B
Internal Pressure Coefficient:	0.18		
Plans may be used as a master plan by the above contractor:	Yes or (No) (circle one)	Initials:	TEB

Mean Roof Height:	15.3 ft	Stud Species:	☑ SPF or ☐ SYP
Species for Top Plate:	☑ SPF or ☐ SYP	Max. Stud Ht. (excluding gable end):	8'
End Zone Length:	6.0 ft	Stud Spacing:	16"
Roof Slope:	6 : 12	Max. Overhang Length (excluding porches):	12 "

HURRICANE CLIPS (HC)

Brand:	Truss Span or Location	Model # @ End Zone	Model # @ Interior Zone
Simpson Strong-Tie	Trusses T01, T03, T04	2 - H2.5A	2 - H2.5A
	Trusses T06, T10	2 - H10	2 - H10
	Truss T05	MGT w/PHD5	MGT w/PHD5
	All other trusses	1 - H2.5A	1 - H2.5A

ROOF SHEATHING MATERIAL: 7/16" OSB Sheathing (be specific such as 7/16" OSB)

Fastener 8d — NAILING PATTERN: Edges (perimeter) 6" o.c. — Field 12" o.c.

WALL BRACING: 7/16" OSB Sheathing 100% continuous or as required: See Note 1, below.

Fastener 8d — NAILING PATTERN: Edges (perimeter) 6" o.c. — Field 12" o.c.

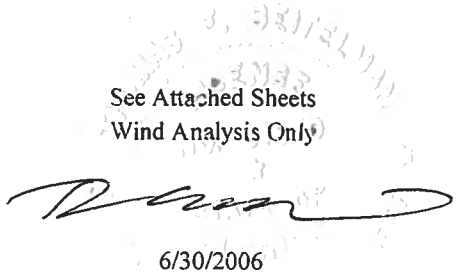
THREADED RODS

			Top	Bottom
Diameter	1/2"	Spacing 1st FLR	48" o.c.	48" o.c.
Washer	2 1/2" x 2 1/2" x 3/16"	2nd FLR	o.c.	o.c.

Notes: One rod per leg of each corner, One rod at each end of headers over 48", see attached

ANCHOR BOLTS: 1/2" dia. X 10" LONG w/2" washers

	Along Wall	From Each Corner
Spacing:	48" o.c.	6" o.c.



See Attached Sheets
Wind Analysis Only

6/30/2006

JOB ADDRESS: McGaughey Residence - SW Maplewood Place

COMPONENTS AND CLADDING PRESSURES: (100 Sq. Ft. Tributary Area)

ROOF (List Zones)	WIND LOADS [Pressure (psf)]			
1	Pressure:	-18.1	Suction:	-11.4
2	Pressure:	-25.5	Suction:	-18.8
3	Pressure:	-40.2	Suction:	-33.6
WALL (List Zones)	WIND LOADS [Pressure (psf)]			
4	Pressure:	-20.3	Suction:	-13.7
5	Pressure:	-22.7	Suction:	-16.0

MAIN WIND FORCE RESISTING SYSTEMS (MWFRS) (WORST CASE LOADS MAY BE USED)

ROOF (List Zones)	WIND LOADS [Pressure (psf)]			
2	End Zone:	-23.1	Interior Zone:	-16.0
3	End Zone:	-14.1	Interior Zone:	-11.6
WALL (List Zones)	WIND LOADS [Pressure (psf)]			
1	End Zone:	23.3	Interior Zone:	-17.3
4	End Zone:	23.3	Interior Zone:	17.3

SHEAR WALL(S) INFORMATION MAY BE SHOWN ON PLAN OR LISTED:

1 List length of shearwall, for each major wall of the structure.
2 Indicate shear PLF provided from the sheathing material used
3 Indicate the shear wall capacity based on the length and the PLF of structural sheathing
4 Indicate actual shear load on the walls

PROVIDE GABLE END BRACING DETAIL, all vaulted or high ceilings shall be balloon framed to the ceiling diaphragm.

NOTES: PLEASE READ & complete all blanks!!!

1 *See floor plan for wall bracing locations or circle 100% if structural sheathing is required on all exterior walls, with the nailing pattern indicated above.*
2 *There are _____ there are not __X__ interior shear walls, locate interior shear walls on plan.*
3 *Gable ends required to be sheathed with same material as shear: Yes or No (circle one)*
4 *Wall sheathing used in lieu of vertical straps: Nailing @ 3". o.c. along top & bottom plates.*
5 *Provide detail for 2 story buildings showing continuous load path between 2nd floor stud & 1st floor studs.*
6 *Provide additional information for column base & column/beam connection if required for porches.*
7 *Provide calculations or documentation to substantiate method used as an attachment to this form.*

Instructions:

1 The form should be completed and signed, sealed and dated by a Florida licensed engineer or architect.
2 Since more than one methodology for determination of wind forces is permitted under Section 1606, FC 2001, to comply with State Building Codes a space has been provided to indicate the method used.
3 Wind Analysis Forms submitted & permitted to be used as Master Plans will be for identical plans only, minor deviations such as door swings. Any deviation from the exterior form, opening sizes or locations will not be permitted unless noted by the design professional.
4 ***This form is subject to be revised.***

FLOOR PLAN LEGEND

NUMBERS IN CIRCLES INDICATE SHEAR-WALL SEGMENTS
(Verify sheathing and nail spacing)

See Attached Sheets
Wind Analysis Only

6/30/2006

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
			Longitudinal Walls			
1	36.0	89.3	10735.2	3215.9	30.0	Exterior
2	21.0	77.7	6262.2	1630.9	26.0	Exterior
3	20.0	97.4	5964.0	1948.6	32.7	Exterior
			Transverse Walls			
4	28.0	110.7	8349.6	3100.8	37.1	Exterior
5	12.3	94.3	3653.0	1154.7	31.6	Exterior
6	18.0	119.6	5367.6	2152.9	40.1	Exterior

Wall Bracing Panel Specifications:

	Panel Code:	Shear Walls
Outside Face	Stud Spacing	16" O.C.
	Exterior Panel Grade	OSB Sheathing
	Minimum Panel Thickness (inch)	7/16
	Minimum Nail Penetration in Framing (inc	1 1/2
	Nail Type	8d common
	Edge Nail Spacing	6"
	Intermediate Nail Spacing	12"
Inside Face	Interior Panel Grade	Gypsum Wallboard
	Thickness of Material	1/2"
	Wall Construction	Unblocked
	Nail Spacing - Edge	7" O.C.
	Nail Spacing - Intermediate	12" O.C.
	Minimum Nail Size	5d cooler or wallboard
	Total Panel Shear Capacity	298.2 plf

General Notes: PLEASE READ!

1 Roof sheathing will be a minimum of 7/16" in thickness with a nailing pattern specified on page 1.

2 Exterior wall sheathing will be a minimum of 7/16" in thickness with the nailing pattern specified above, and locations referenced from the attached sheets.

3 All exterior load-bearing and shear walls will have a stud spacing specified at 16" O.C. except as noted below.

4 All load bearing and shear walls will be framed with 2 x 4 No. 2 grade SPF studs or better.

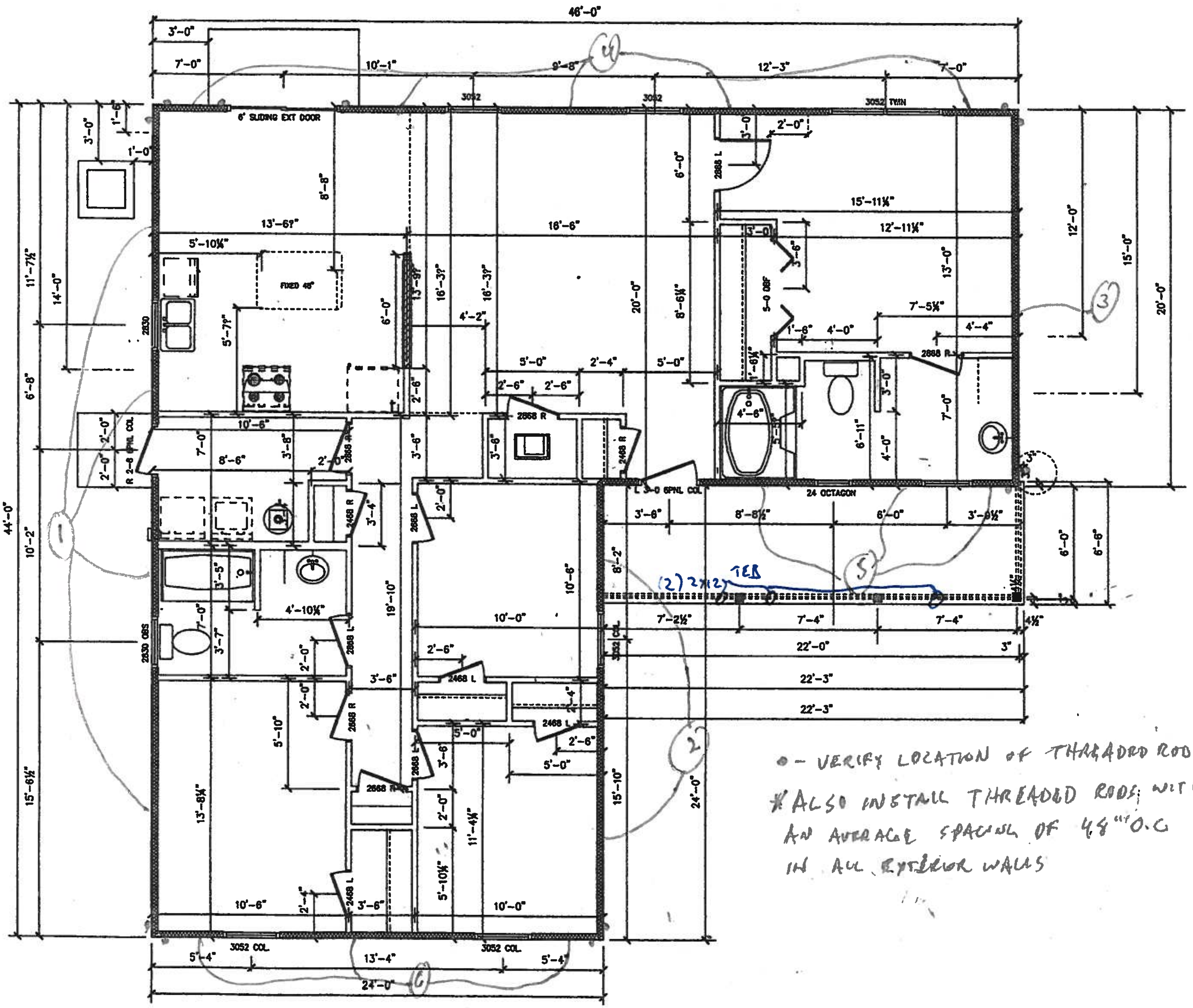
5 Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on page 1.

6 Bearing wall and shear wall door and window headers are to be 2-2 x 10 SYP with 1/2" CDX fletch for lengths under 6 ft unless otherwise specified on plans..

7 Simpson Strong Tie HH4 Header Hanger or equivalent should be provided on bearing wall and shear wall door and window openings over 6 ft.

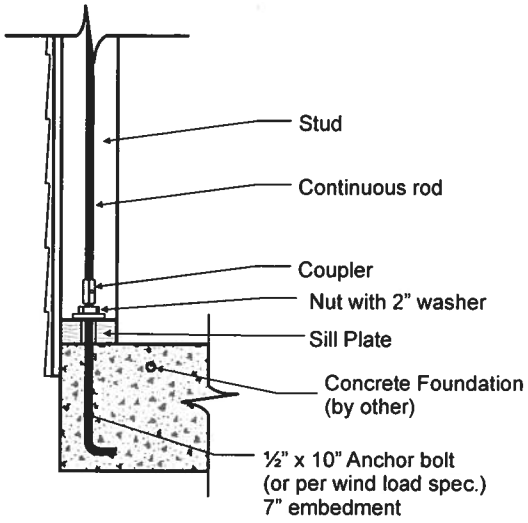
8 Simpson Strong Tie model #HD5A hold downs are acceptable alternatives to the specified PHD2-SPS3.

9 4" x 4" Posts will require Simpson Strong Tie Post Bases model #ABU44 or better and double LSTA18 straps on each beam at top.

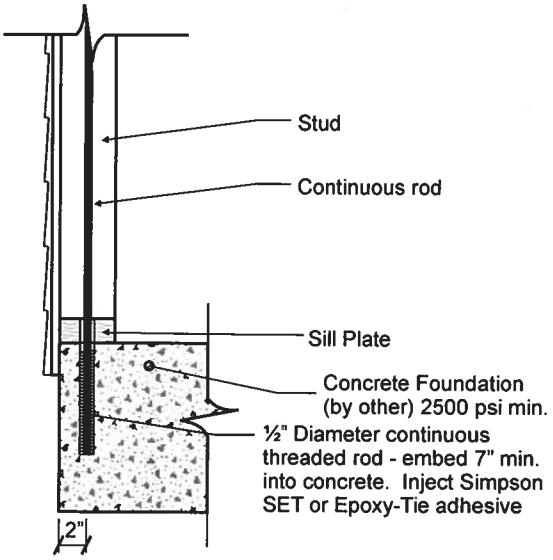


• - VERIFY LOCATION OF THREADED RODS

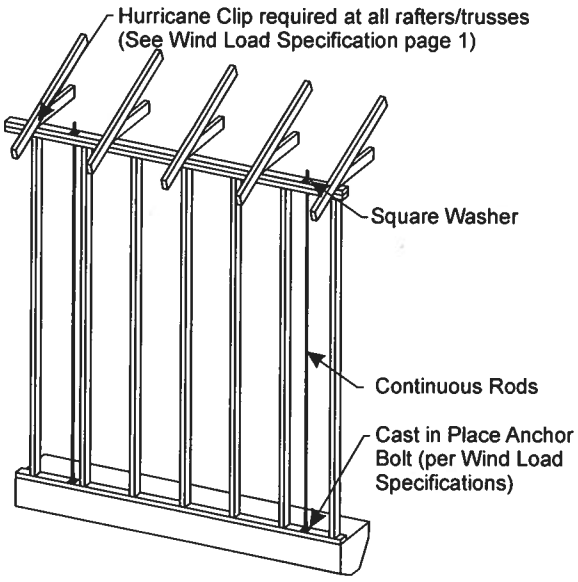
*ALSO INSTALL THREADED RODS WITH AN AVERAGE SPACING OF 48" O.C IN ALL EXTERIOR WALLS



Typical Edge Detail



Alternate Edge Detail



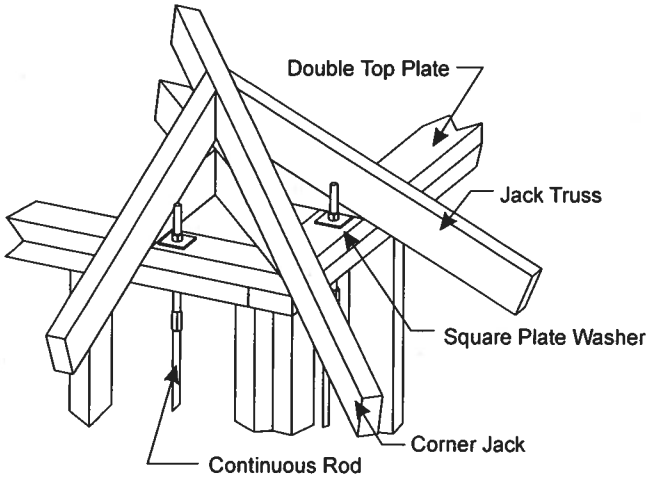
One Story Exterior Wall Detail

Specifications For Threaded Rod Assembly

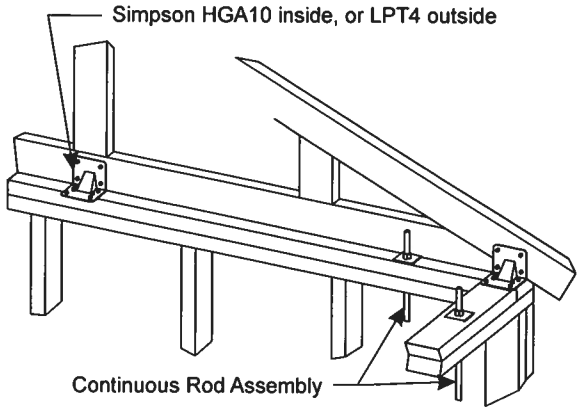
- *Install one rod per leg of each corner*
- *Install one rod at each end of headers over 48"*
- *Install one rod every 48" O.C. in exterior walls*
- *Install one rod every 48" O.C. in interior load bearing walls*
- *Install one rod at the end of each shearwall*

			UPLIFT Top Plate Species	
Use	Diameter	Washer Type	SPF	SYP
	3/8"	2" x 2" x 1/8"	1950	2405
	3/8"	2 ½" x 2 ½" x 3/16"	2405	2405
X	½"	2 ½" x 2 ½" x 3/16"	2933	3900
	½"	3" x 3" x 1/4"	4010	4010
	5/8"	3" x 3" x 1/4"	4140	5485
	5/8"	3 ½" x 3 ½" x 1/4"	5600	7050
	3/4"	3" x 3" x 1/4"	4070	5420
	3/4"	3 ½" x 3 ½" x 1/4"	5530	7360

***Uplift values above based on 3000 psi concrete and cast in place anchor bolts*

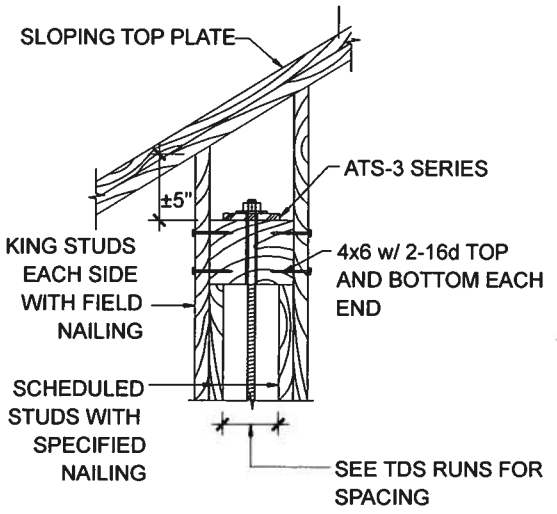


Typical Hip Tie-Down Exterior Corner Detail

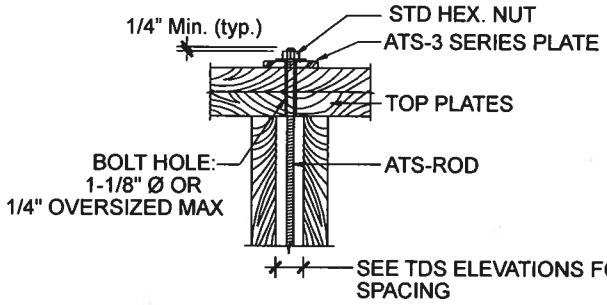


Typical Gable Tie-Down Wall Detail

Typical Threaded Rod Installation Details

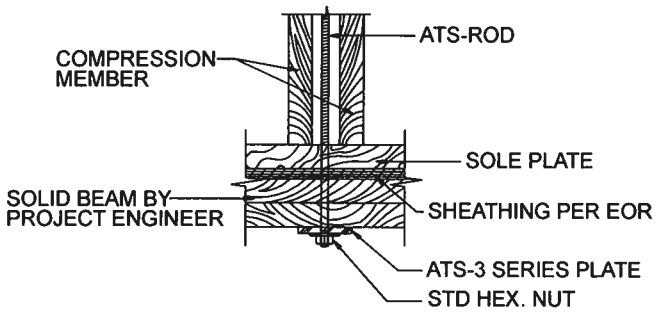


BEARING PLATE DETAIL AT RAKED WALL

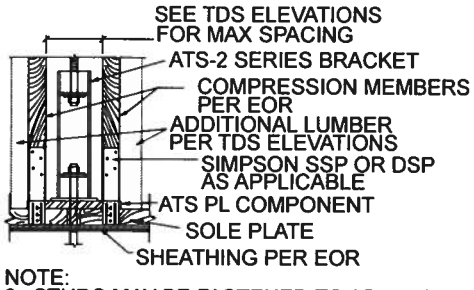


NO SPLICE IN TOP PLATES PERMITTED WITHIN 8-INCHES OF ATS-ROD.

TOP PLATE DETAIL

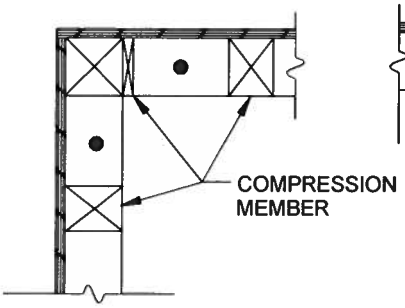


WOOD BEAM DETAIL

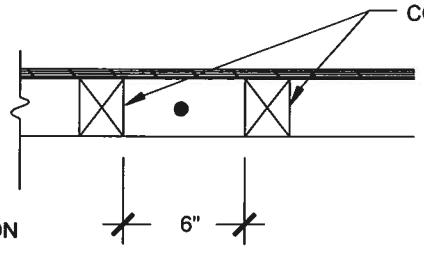


NOTE:
2x STUDS MAY BE FASTENED TO ADDITIONAL LUMBER WITH 10d COM. NAILS @ 12" OC IN LIEU OF SSP.

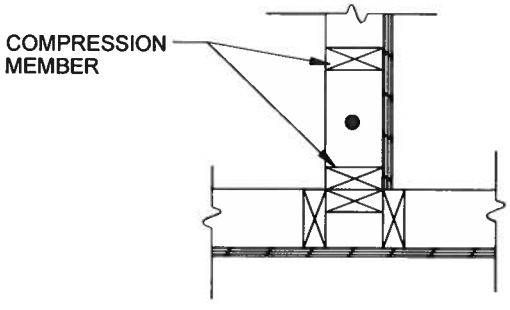
STUDS OVER ATS-PL PLATES



CORNER INSTALLATION



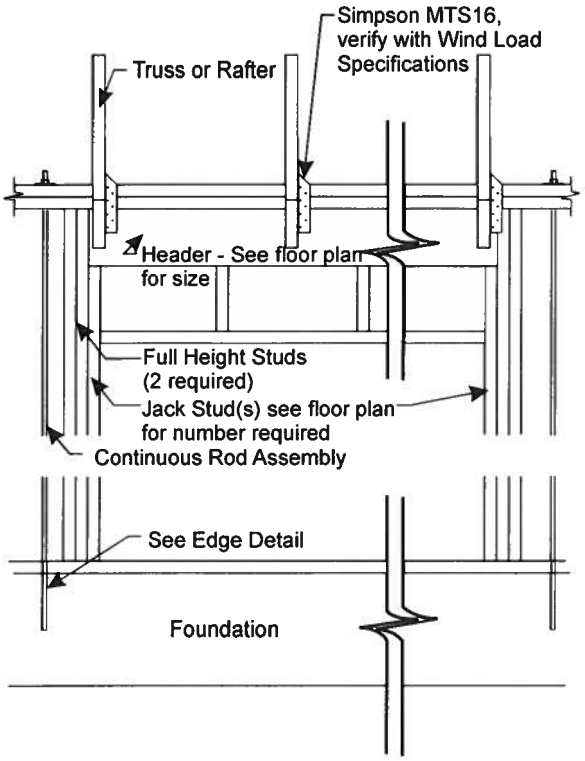
MID-WALL INSTALLATION



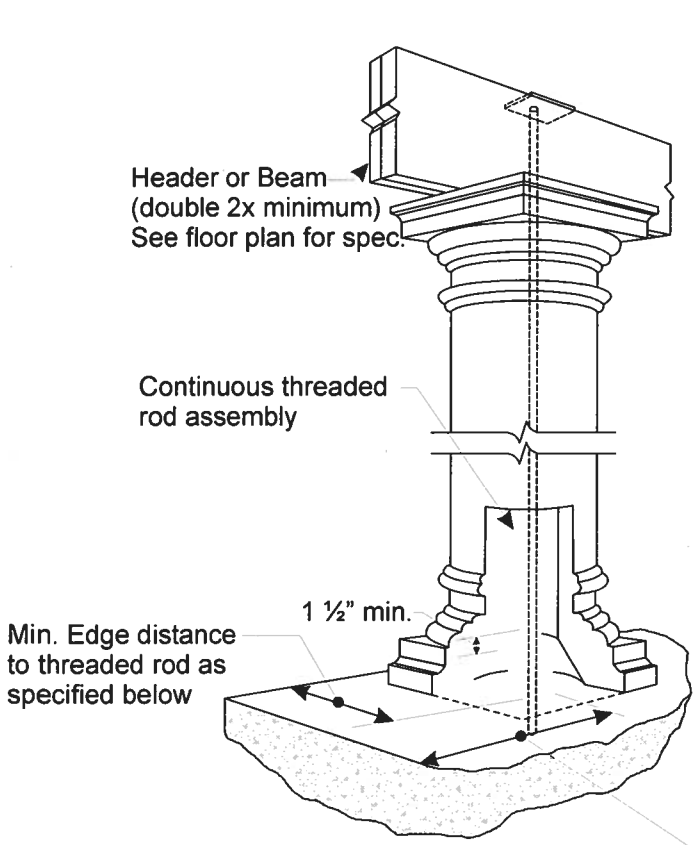
PERPENDICULAR TO WALL INSTALLATION

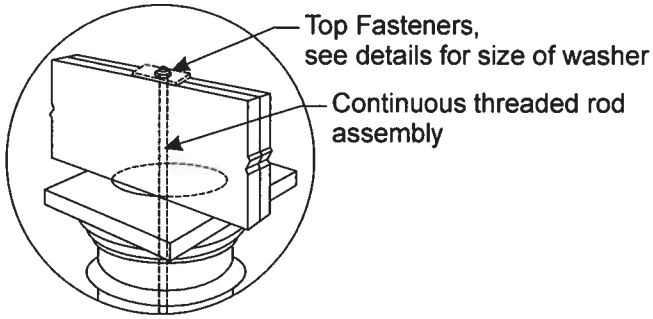
Typical Simpson Strong Tie ANCHOR TIEDOWN SYSTEM DETAILS

See manufacturer literature for additional information



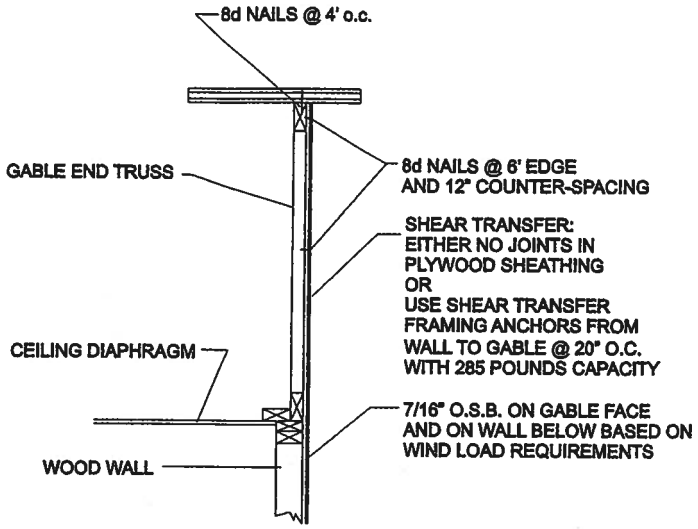
Typical Header Detail





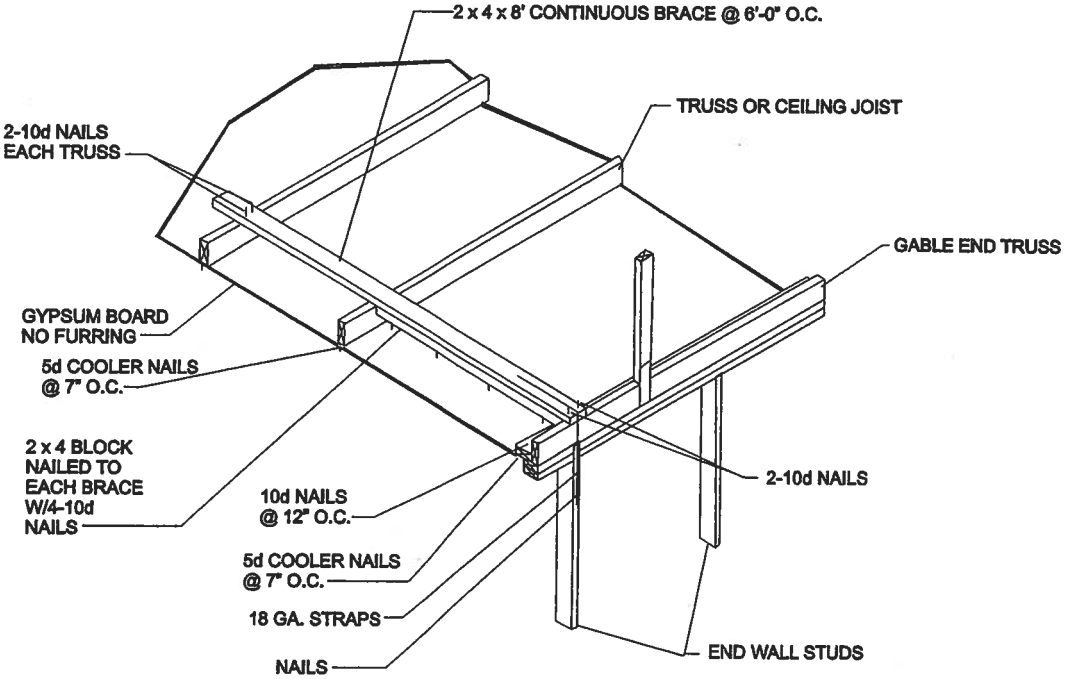
Notes:
1 - In cases where anchor rod is installed after foundation is poured, drill hole to depth noted in table below and use Simpson Epoxy-Tie.

Hollow Post Connection



GABLE END WALL, PLATFORM FRAMING

NTS



CEILING CONNECTION TO GABLE END WALL

NTS

GABLE DETAILS

Project Information for:	L169685		
Builder:	PENNYOWRTH	Date:	6/21/2006
Lot:	N/A	Start Number:	**1127**
Subdivision:	4 SW MAPLEWOOD PLACE		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	22		

Truss Design Load Information (UNO) Design Program: MiTek 5.2 / 6.2

Gravity		**Wind**		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**110**		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

WALTER, EBE CRC 058477
Address: 679 BLACKSHEAR ROAD
THOMASVILLE,GEORGIA 31792 Designer: **159**

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0621061127	6/21/2006				
2	CJ3	0621061128	6/21/2006				
3	CJ5	0621061129	6/21/2006				
4	EJ7	0621061130	6/21/2006				
5	HJ9	0621061131	6/21/2006				
6	T01	0621061132	6/21/2006				
7	T02	0621061133	6/21/2006				
8	T03	0621061134	6/21/2006				
9	T04	0621061135	6/21/2006				
10	T05	0621061136	6/21/2006				
11	T06	0621061137	6/21/2006				
12	T07	0621061138	6/21/2006				
13	T08	0621061139	6/21/2006				
14	T09	0621061140	6/21/2006				
15	T10	0621061141	6/21/2006				
16	T11	0621061142	6/21/2006				
17	T12	0621061143	6/21/2006				
18	T13	0621061144	6/21/2006				
19	V04	0621061145	6/21/2006				
20	V06	0621061146	6/21/2006				
21	V08	0621061147	6/21/2006				
22	V10	0621061148	6/21/2006				

JUN 21 2006

Licensee Details

Licensee Information

Name:	**WALTER, EBE (Primary Name)**
	PENNYWORTH HOMES INC (DBA Name)
Main Address:	**679 BLACKSHEAR ROAD**
	THOMASVILLE Georgia 31792
County:	**OUT OF STATE**
License Mailing:	
LicenseLocation:	**679 BLACKSHEAR ROAD**
	THOMASVILLE GA 31792
County:	**OUT OF STATE**

License Information

License Type:	**Certified Residential Contractor**
Rank:	**Cert Residental**
License Number:	**CRC058477**
Status:	**Current,Active**
Licensure Date:	**09/21/2001**
Expires:	**08/31/2006**

Special Qualifications	**Qualification Effective**
Bldg Code Core Course Credit	

View Related License Information

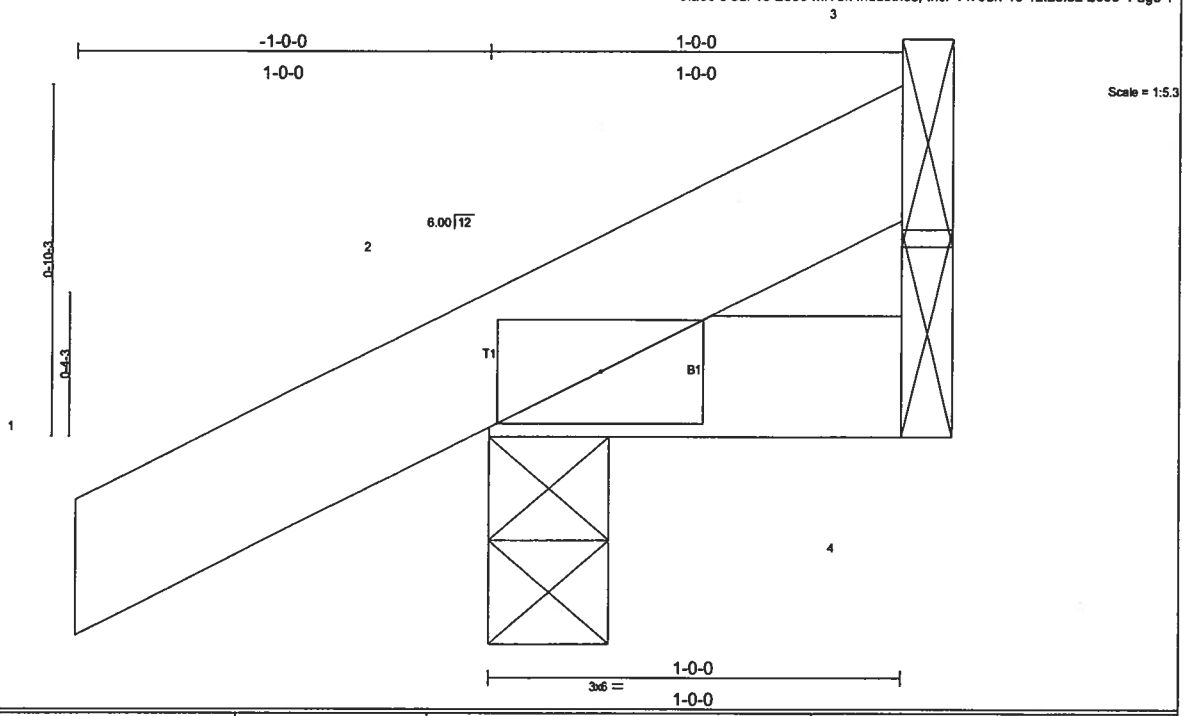
View License Complaint

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061127

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	CJ1	JACK	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:23:52 2006 Page 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	0.07	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=126/0-3-8, 4=14/Mechanical, 3=-4/Mechanical
Max Horz 2=54(load case 5)
Max Uplift2=-116(load case 5), 4=-9(load case 3), 3=-4(load case 8)
Max Grav 2=126(load case 1), 4=14(load case 1), 3=13(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-27/6
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 2, 9 lb uplift at joint 4 and 4 lb uplift at joint 3.

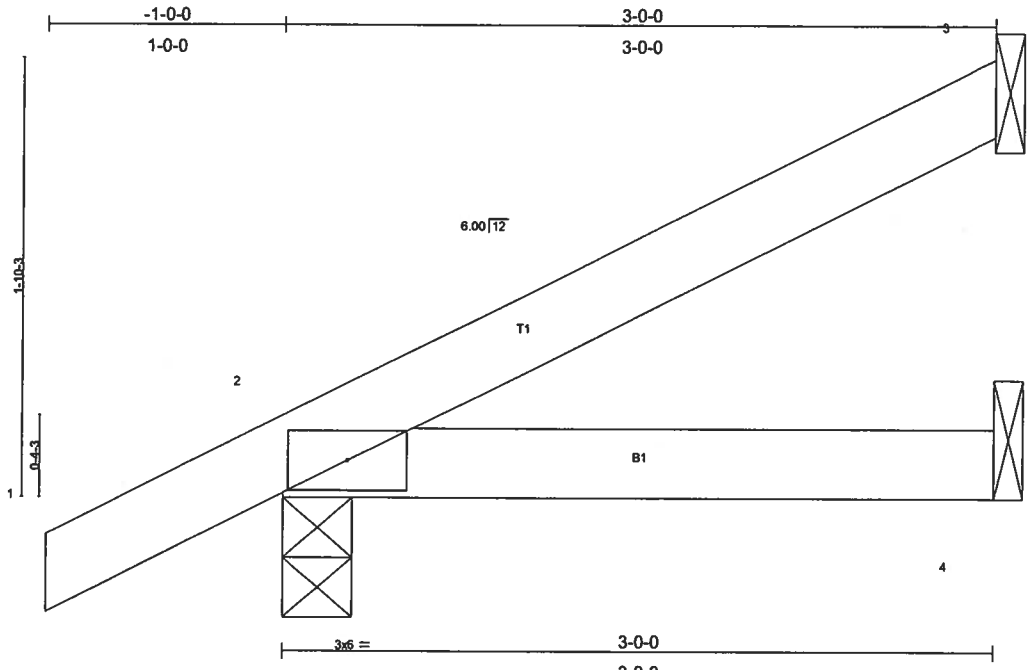
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061128

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	CJ3	JACK	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:23:54 2006 Page 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	0.08	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=63/Mechanical, 2=192/0-3-8, 4=42/Mechanical
Max Horz 2=99(load case 5)
Max Uplift3=-56(load case 5), 2=-141(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-55/23
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 3, 141 lb uplift at joint 2 and 27 lb uplift at joint 4.

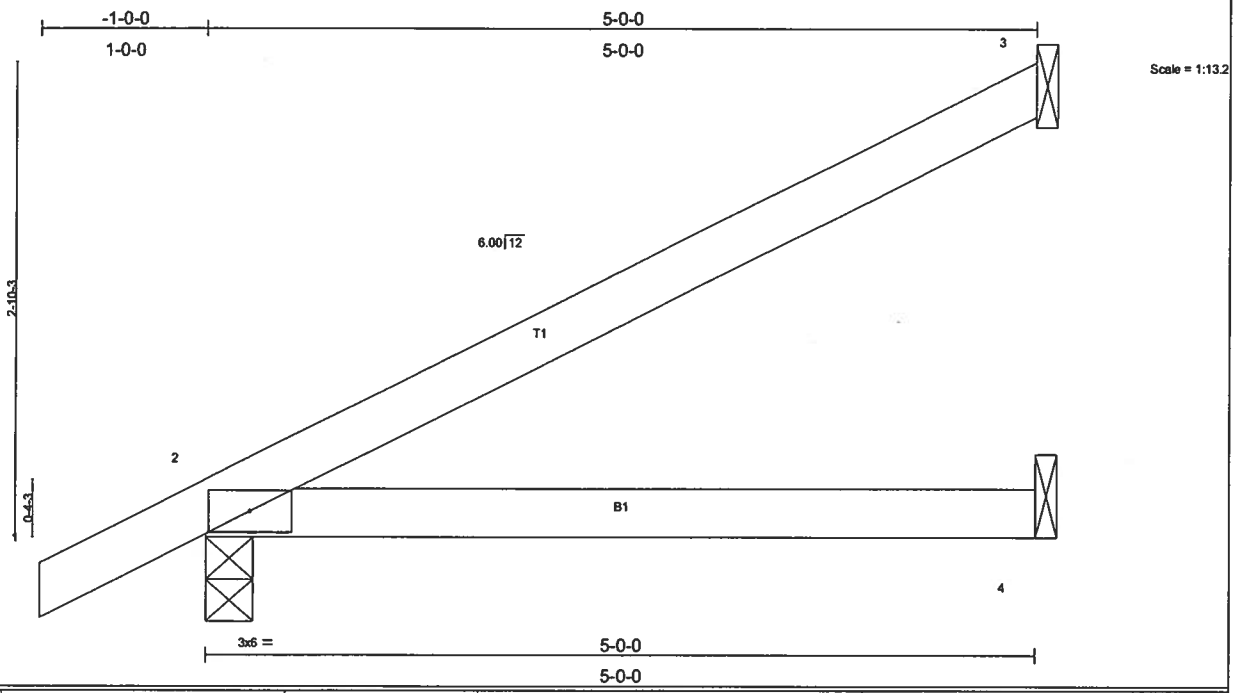
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061129

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	CJ5	JACK	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:23:55 2006 Page 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	0.29	Vert(LL)	0.09	2-4	>663	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	0.07	2-4	>774	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	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=122/Mechanical, 2=271/0-3-8, 4=72/Mechanical
Max Horz 2=145(load case 5)
Max Uplift3=-111(load case 5), 2=-179(load case 5), 4=-46(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-102/45
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 3, 179 lb uplift at joint 2 and 46 lb uplift at joint 4.

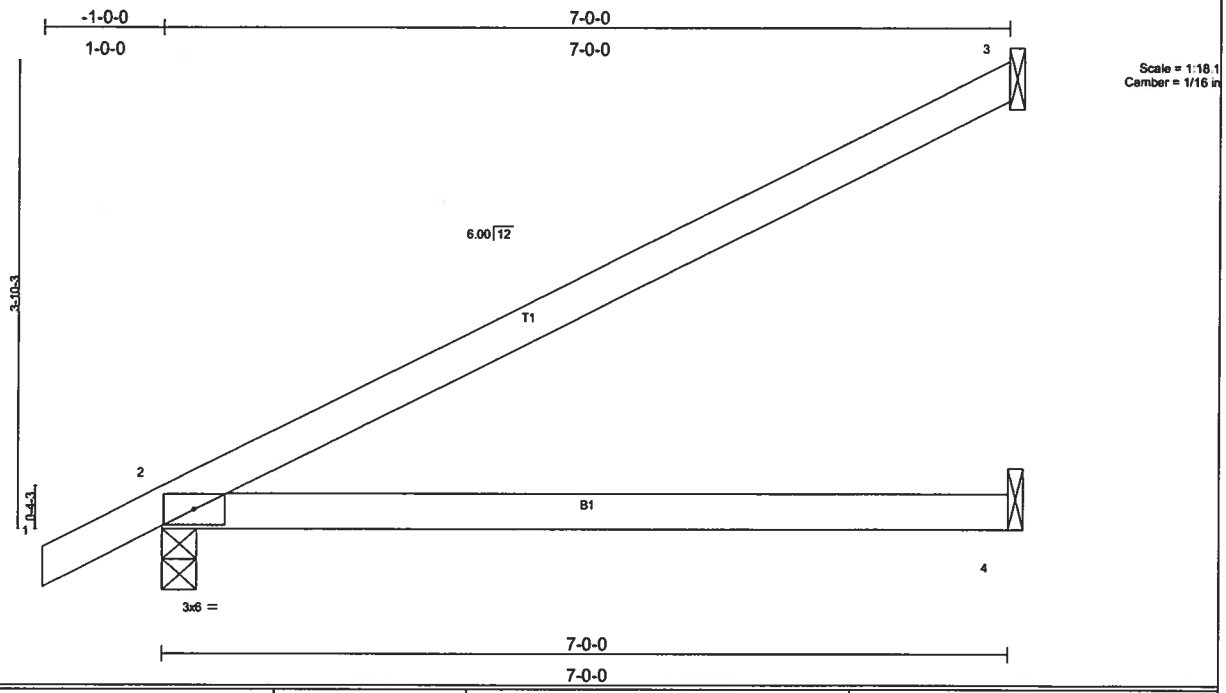
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061130

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	EJ7	MONO TRUSS	23	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:23:56 2006 Page 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	0.48	Vert(LL)	0.32	2-4	>257	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	0.26	2-4	>312	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

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=169/Mechanical, 2=352/0-3-8, 4=111/Mechanical
Max Horz 2=192(load case 5)
Max Uplift3=-152(load case 5), 2=-222(load case 5), 4=-76(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-96/61
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint 3, 222 lb uplift at joint 2 and 76 lb uplift at joint 4.

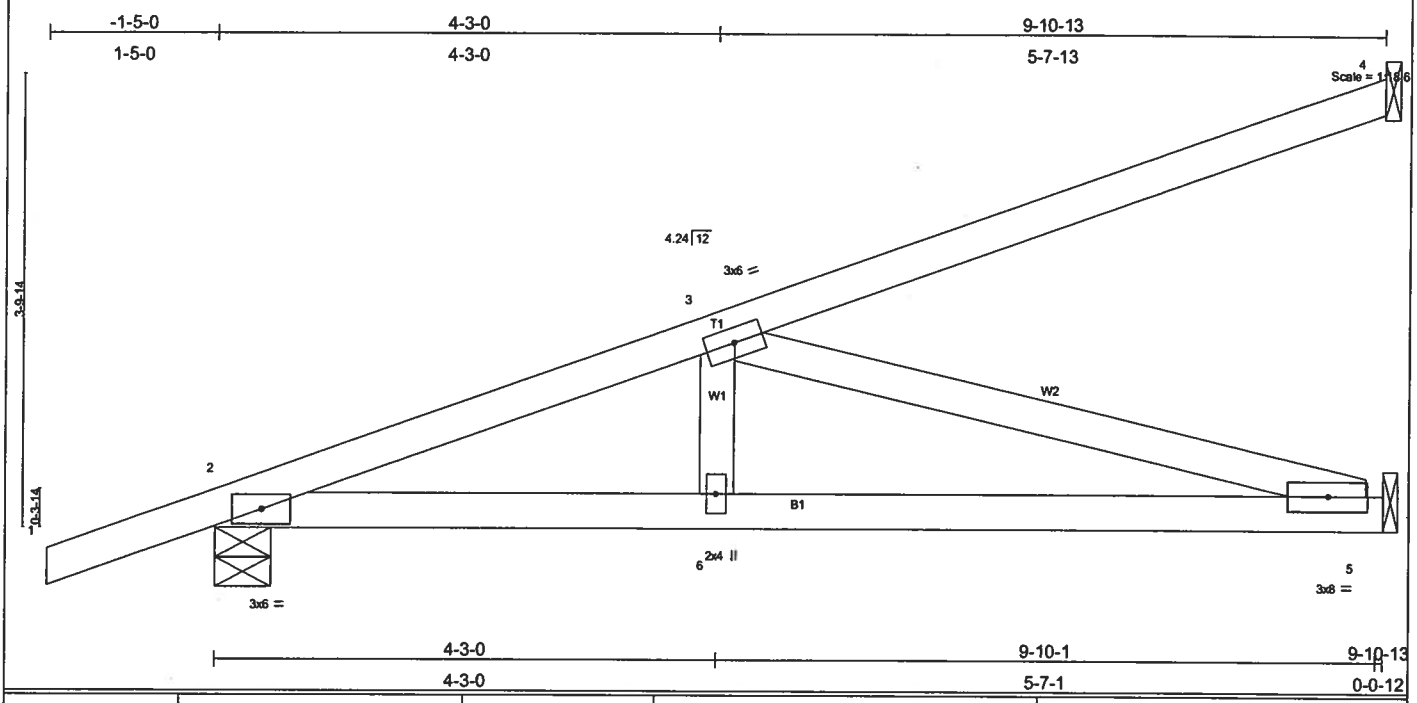
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061131

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	HJ9	MONO TRUSS	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:23:57 2006 Page 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	0.59	Vert(LL)	-0.08	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.13	5-6	>855	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.56	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	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 5-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-9-8 oc bracing.

REACTIONS (lb/size) 4=265/Mechanical, 2=438/0-5-11, 5=397/Mechanical, 5=397/Mechanical
Max Horz 2=237(load case 2)
Max Uplift4=-229(load case 2), 2=-298(load case 2), 5=-208(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-954/451, 3-4=-104/64
BOT CHORD 2-6=-628/894, 5-6=-628/894
WEBS 3-6=-83/190, 3-5=-927/652

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 4, 298 lb uplift at joint 2 and 208 lb uplift at joint 5.
4) 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: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=-0(F=15, B=15)-to-5=-74(F=-22, B=-22)

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061132

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T01	HIP	1	1	Job Reference (optional)

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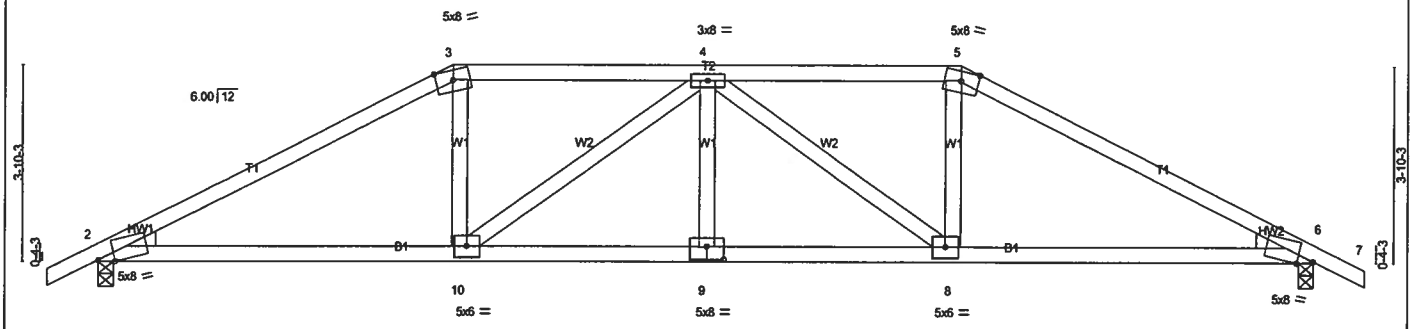
-1-0-0	3-9-4	7-0-0	12-0-0	17-0-0	20-2-12	24-0-0	25-0-0
1-0-0	3-9-4	3-2-12	5-0-0	5-0-0	3-2-12	3-9-4	1-0-0

Scale = 1:43.3
Camber = 1/8 in



3-9-4	7-0-0	12-0-0	17-0-0	20-2-12	24-0-0
3-9-4	3-2-12	5-0-0	5-0-0	3-2-12	3-9-4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.24	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.97	Vert(TL)	-0.38	9-10	>752	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.53	Horz(TL)	0.14	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 111 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
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-8-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-10-2 oc bracing.

REACTIONS (lb/size) 2=2086/0-3-8, 6=2086/0-3-8
Max Horz 2=-68(load case 5)
Max Uplift2=-887(load case 4), 6=-887(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-3957/1608, 3-4=-3503/1516, 4-5=-3503/1516, 5-6=-3957/1608, 6-7=0/23
BOT CHORD 2-10=-1408/3450, 9-10=-1702/4085, 8-9=-1702/4085, 6-8=-1361/3450
WEBS 3-10=-470/1316, 4-10=-846/429, 4-9=0/303, 4-8=-846/429, 5-8=-470/1316

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 887 lb uplift at joint 2 and 887 lb uplift at joint 6.
5) Girder carries hip end with 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 17-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) 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=-54, 3-5=-118(F=-64), 5-7=-54, 2-10=-30, 8-10=-65(F=-35), 6-8=-30
Concentrated Loads (lb)
Vert: 10=-539(F) 8=-539(F)

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061133

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T02	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:00 2006 Page 1

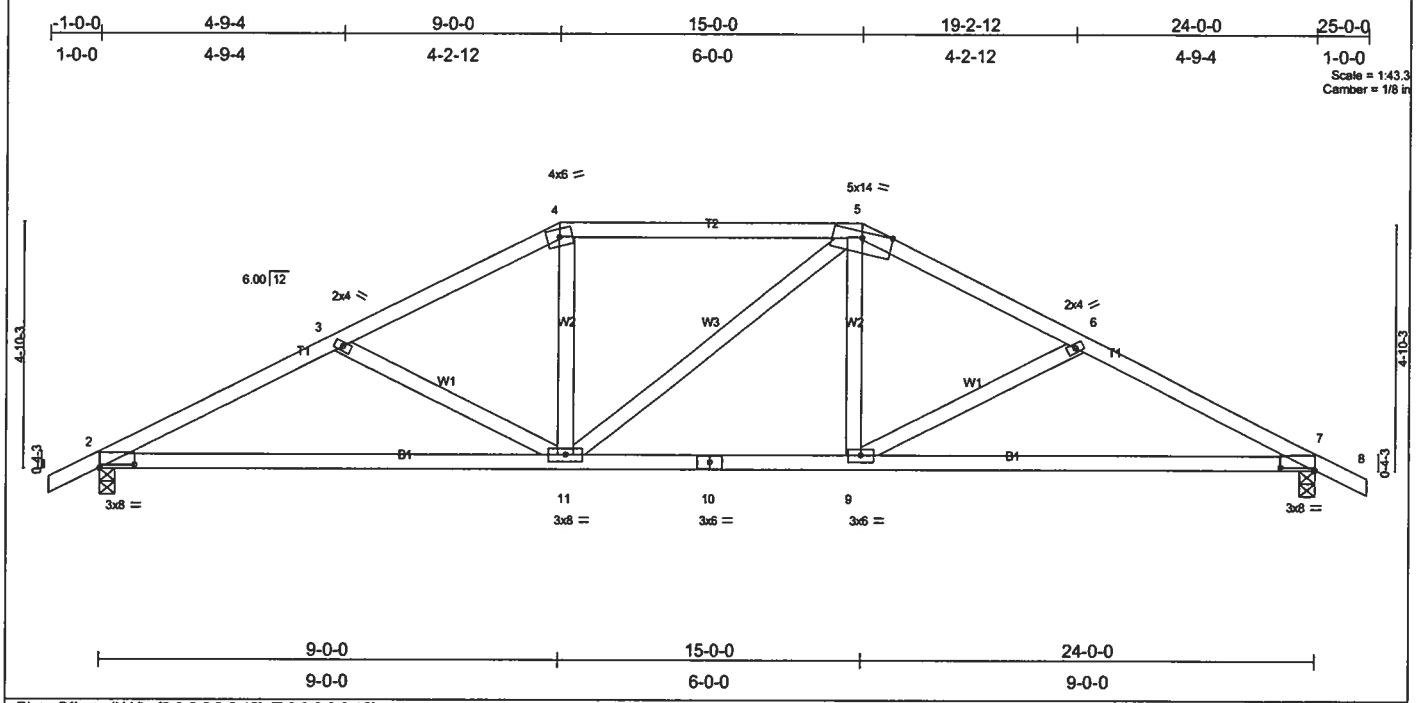

Plate Offsets (X,Y): [2:0-8-0,0-0-10], [7:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.20	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.34	7-9	>841	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 116 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 4-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-4-10 oc bracing.

REACTIONS (lb/size) 2=1058/0-3-8, 7=1058/0-3-8
Max Horz 2=-82(load case 6)
Max Uplift2=-370(load case 5), 7=-370(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1715/763, 3-4=-1462/640, 4-5=-1273/626, 5-6=-1461/641, 6-7=-1715/763, 7-8=0/23
BOT CHORD 2-11=-567/1496, 10-11=-358/1272, 9-10=-358/1272, 7-9=-567/1496
WEBS 3-11=-265/239, 4-11=-68/345, 5-11=-116/117, 5-9=-68/347, 6-9=-266/239

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 370 lb uplift at joint 2 and 370 lb uplift at joint 7.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
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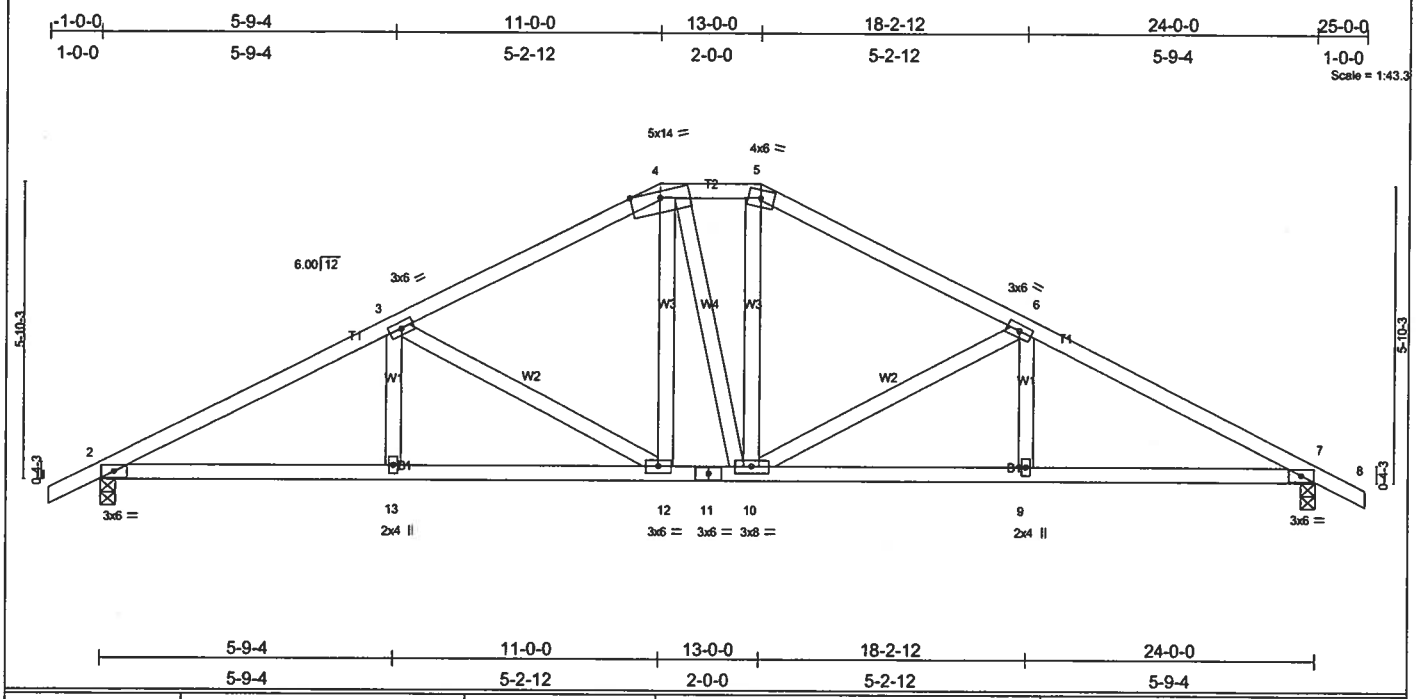
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061134

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T03	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:01 2006 Page 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	0.25	Vert(LL)	-0.09	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.15	12-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 128 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 4-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-9 oc bracing.

REACTIONS (lb/size) 2=1058/0-3-8, 7=1058/0-3-8
Max Horz 2=-96(load case 6)
Max Uplift2=-384(load case 5), 7=-398(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1786/746, 3-4=-1257/603, 4-5=-1075/596, 5-6=-1261/604, 6-7=-1784/746, 7-8=0/23
BOT CHORD 2-13=-543/1529, 12-13=-543/1529, 11-12=-274/1070, 10-11=-274/1070, 9-10=-543/1528, 7-9=-543/1528
WEBS 3-13=0/194, 3-12=-541/311, 4-12=-126/347, 4-10=-123/146, 5-10=-123/357, 6-10=-532/308, 6-9=0/192

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 384 lb uplift at joint 2 and 398 lb uplift at joint 7.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061135

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T04	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:02 2006 Page 1

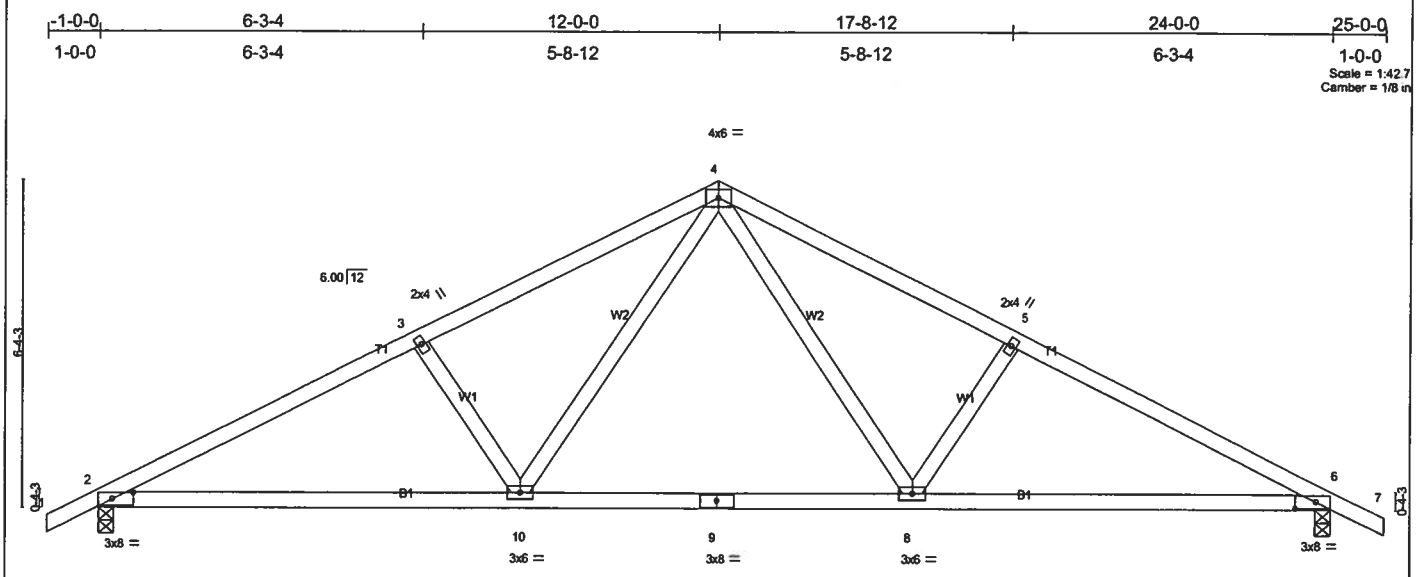


Plate Offsets (X,Y): [2:0-4-12,0-1-8], [6:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.25	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.76	Vert(TL)	-0.41	8-10	>694	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.31	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 110 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-9-12 oc bracing.

REACTIONS (lb/size) 2=1249/0-3-8, 6=1249/0-3-8
Max Horz 2=103(load case 5)
Max Uplift2=-461(load case 5), 6=-461(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-2160/944, 3-4=-1983/939, 4-5=-1983/939, 5-6=-2160/944, 6-7=0/23
BOT CHORD 2-10=-711/1858, 9-10=-374/1266, 8-9=-374/1266, 6-8=-711/1858
WEBS 3-10=-293/284, 4-10=-346/849, 4-8=-346/849, 5-8=-293/284

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 461 lb uplift at joint 2 and 461 lb uplift at joint 6.
4) 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=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061136

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T05	COMMON	1	3	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:03 2006 Page 1

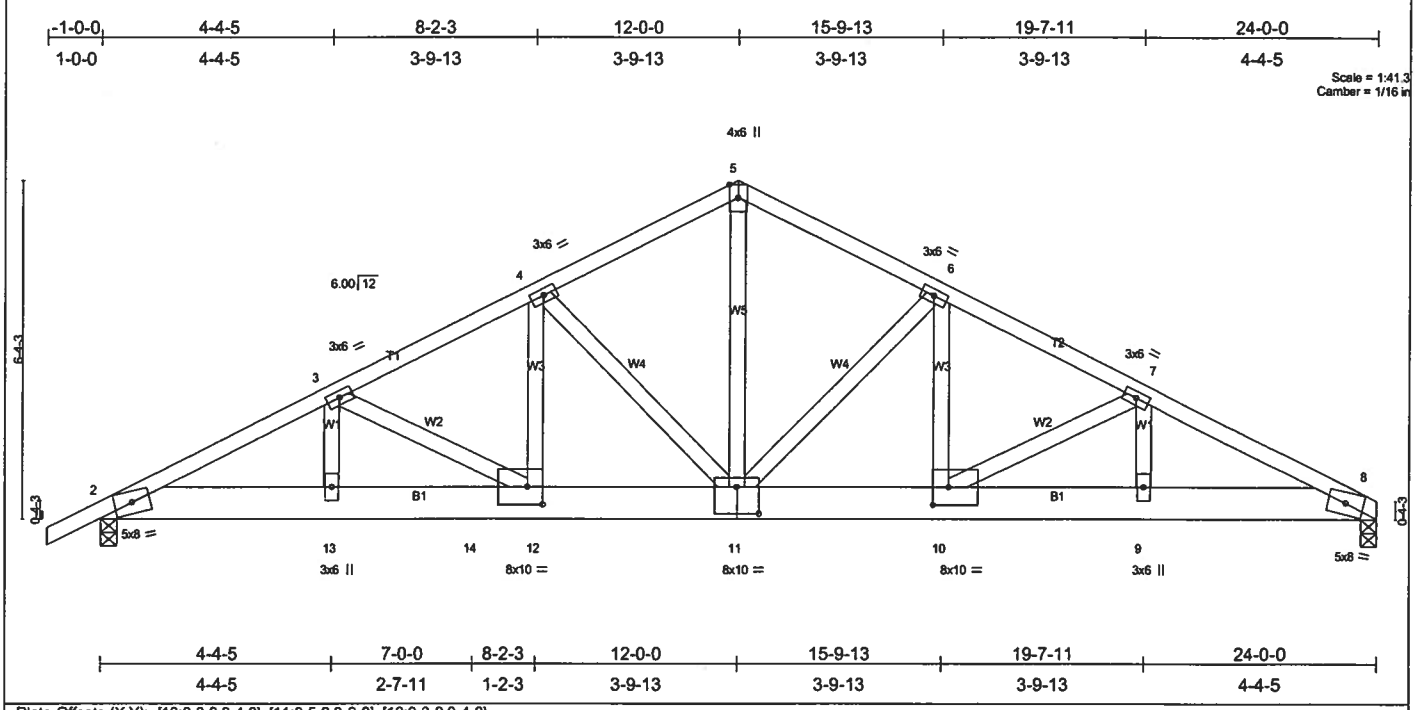


Plate Offsets (X,Y): [10:0-3-8,0-4-0], [11:0-5-0,0-6-0], [12:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.15	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.25	10-11	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.73	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 498 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
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) 8=6913/0-3-8, 2=5348/0-3-8
Max Horz 2=122(load case 4)
Max Uplift8=-2558(load case 5), 2=-2010(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/29, 2-3=-11223/4105, 3-4=-10545/3909, 4-5=-7983/3007, 5-6=-7984/3004, 6-7=-10431/3873, 7-8=-12605/4651
BOT CHORD 2-13=-3711/10026, 13-14=-3711/10026, 12-14=-3711/10026, 11-12=-3434/9399, 10-11=-3325/9298, 9-10=-4122/11285, 8-9=-4122/11285
WEBS 3-13=-73/375, 3-12=-720/315, 4-12=-1217/3340, 4-11=-3293/1304, 5-11=-2534/6832, 6-11=-3147/1253, 6-10=-1161/3181, 7-10=-2266/913, 7-9=-623/1750

NOTES
1) 3-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 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; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2558 lb uplift at joint 8 and 2010 lb uplift at joint 2.
6) Girder carries tie-in span(s): 26-0-0 from 8-0-0 to 24-0-0
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2404 lb down and 908 lb up at 7-0-0 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=-54, 5-8=-54, 2-12=-30, 8-12=-528(F=-498)
Concentrated Loads (lb)
Vert: 14=-2404(F)

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061137

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T06	MONO HIP	1	1	Job Reference (optional)

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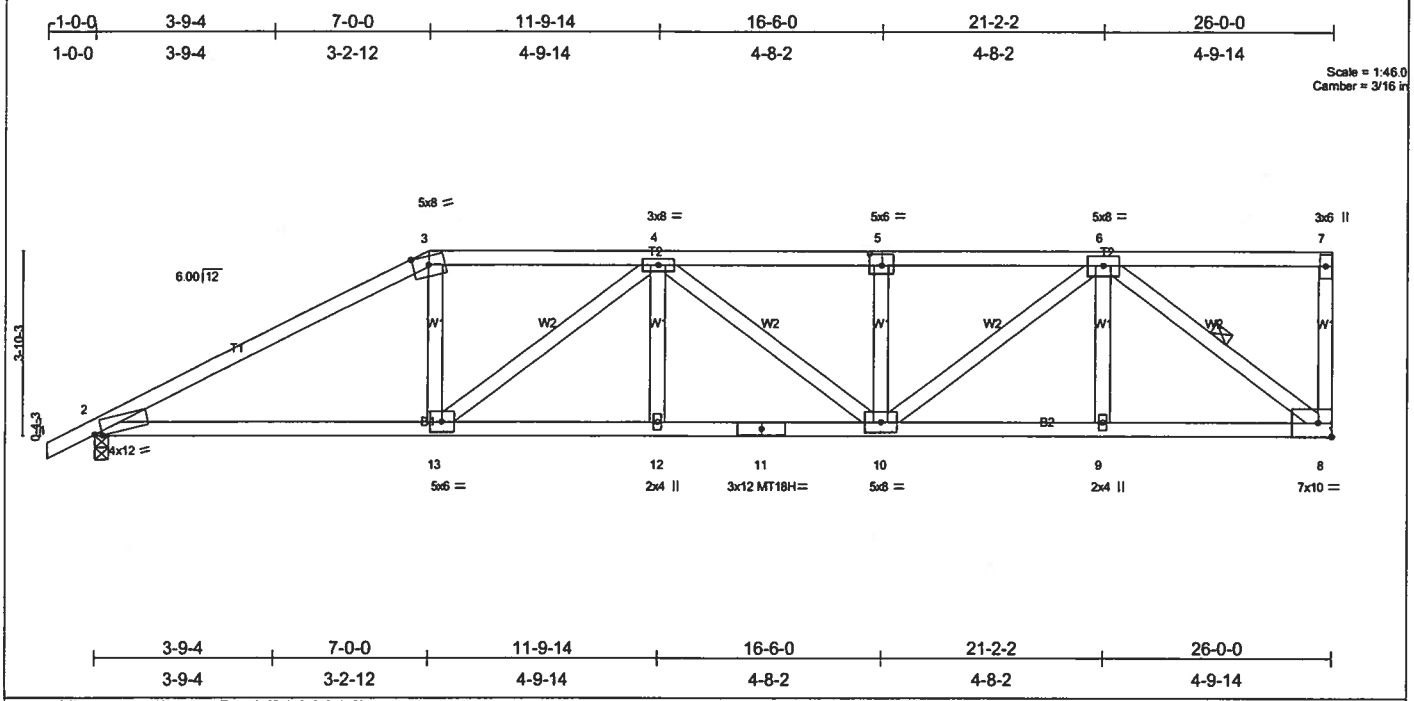

Plate Offsets (X,Y): [2:0-1-13,Edge], [5:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.27	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.98	Vert(TL)	-0.43	10-12	>724	180	MT18H	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.70	Horz(TL)	0.14	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 137 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B1 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-6-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-5-10 oc bracing.
WEBS 1 Row at midpt 6-8

REACTIONS (lb/size) 8=2404/Mechanical, 2=2215/0-3-8
Max Horz 2=194(load case 4)
Max Uplift8=-1082(load case 3), 2=-920(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-4235/1785, 3-4=-3754/1650, 4-5=-4156/1864, 5-6=-4156/1864, 6-7=-81/36, 7-8=-264/206
BOT CHORD 2-13=-1629/3696, 12-13=-2022/4503, 11-12=-2022/4503, 10-11=-2022/4503, 9-10=-1209/2687, 8-9=-1209/2687
WEBS 3-13=-535/1403, 4-13=-942/526, 4-12=0/291, 4-10=-435/214, 5-10=-543/434, 6-10=-822/1845, 6-9=0/298, 6-8=-3273/1473

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1082 lb uplift at joint 8 and 920 lb uplift at joint 2.
6) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) 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=-54, 3-7=-118(F=-64), 2-13=-30, 8-13=-65(F=-35)
Concentrated Loads (lb)
Vert: 13=-539(F)

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061138

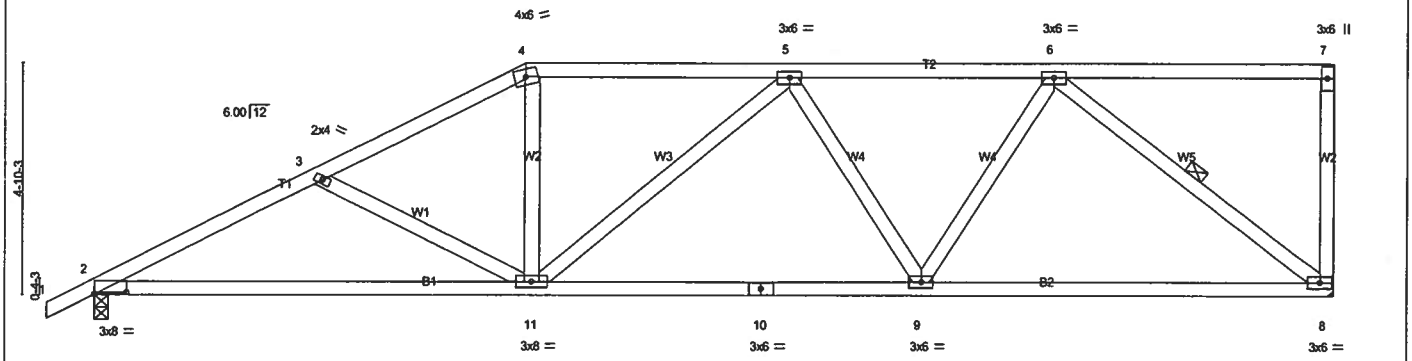
Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T07	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:06 2006 Page 1

1-0-0 | 4-9-4 | 9-0-0 | 14-6-13 | 20-1-11 | 26-0-0

1-0-0 | 4-9-4 | 4-2-12 | 5-6-13 | 5-6-13 | 5-10-5

Scale = 1:46.0
Camber = 1/8 in



9-0-0 | 17-4-4 | 26-0-0

9-0-0 | 8-4-4 | 8-7-12

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

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)	-0.18	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.31	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 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 4-2-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-5 oc bracing.
WEBS 1 Row at midpt 6-8

REACTIONS (lb/size) 8=1078/Mechanical, 2=1143/0-3-8
Max Horz 2=240(load case 5)
Max Uplift8=-391(load case 4), 2=-378(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1907/780, 3-4=-1655/656, 4-5=-1448/641, 5-6=-1368/552, 6-7=-57/10, 7-8=-150/100
BOT CHORD 2-11=-852/1664, 10-11=-667/1517, 9-10=-667/1517, 8-9=-470/1066
WEBS 3-11=-260/241, 4-11=-83/450, 5-11=-90/152, 5-9=-286/221, 6-9=-156/579, 6-8=-1290/589

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 391 lb uplift at joint 8 and 378 lb uplift at joint 2.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061139

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T08	MONO HIP	1	1	Job Reference (optional)

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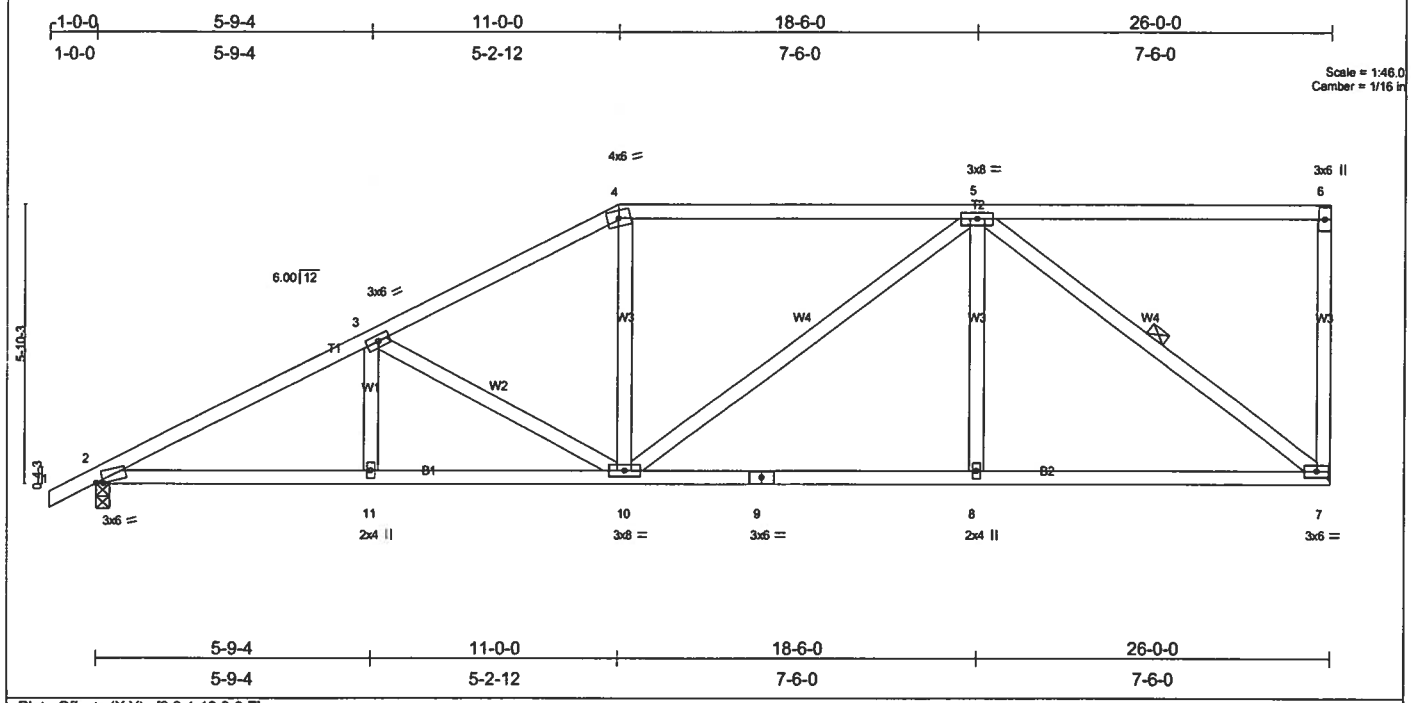

Plate Offsets (X,Y): [2:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.11	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.19	8-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 143 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 4-3-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-5 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=1078/Mechanical, 2=1143/0-3-8
Max Horz 2=286(load case 5)
Max Uplift7=-383(load case 4), 2=-386(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1956/732, 3-4=-1468/599, 4-5=-1269/596, 5-6=-47/19, 6-7=-181/127
BOT CHORD 2-11=-850/1678, 10-11=-850/1678, 9-10=-477/1094, 8-9=-477/1094, 7-8=-477/1094
WEBS 3-11=0/175, 3-10=-475/289, 4-10=-12/287, 5-10=-149/218, 5-8=0/230, 5-7=-1312/574

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 383 lb uplift at joint 7 and 386 lb uplift at joint 2.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061140

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T09	COMMON	6	1	Job Reference (optional)

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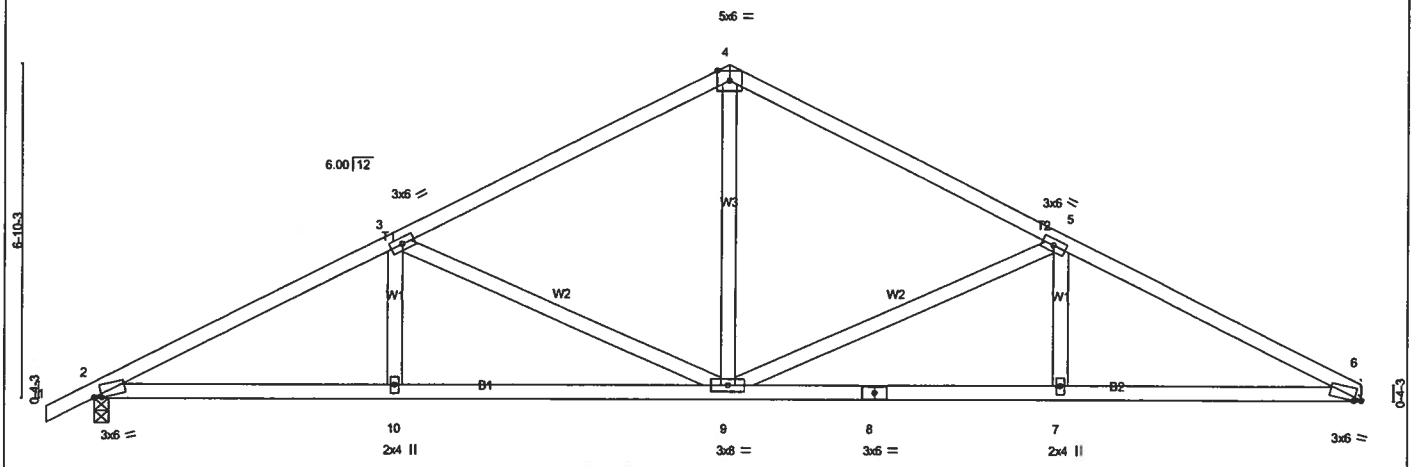
1-0-0 | 6-1-12 | 13-0-0 | 19-10-4 | 26-0-0
1-0-0 | 6-1-12 | 6-10-4 | 6-10-4 | 6-1-12

Scale = 1:45.0
Camber = 1/16 in



6-1-12 | 13-0-0 | 19-10-4 | 26-0-0
6-1-12 | 6-10-4 | 6-10-4 | 6-1-12

Plate Offsets (X,Y): [2:0-1-13,0-0-7], [6:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.12	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.20	9-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.68	Horz(TL)	0.07	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 123 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 4-2-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-5-6 oc bracing.

REACTIONS (lb/size) 6=1082/Mechanical, 2=1146/0-3-8
Max Horz 2=121(load case 5)
Max Uplift6=-352(load case 6), 2=-418(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1968/838, 3-4=-1330/647, 4-5=-1330/648, 5-6=-1990/857
BOT CHORD 2-10=-660/1690, 9-10=-660/1690, 8-9=-681/1716, 7-8=-681/1716, 6-7=-681/1716
WEBS 3-10=0/212, 3-9=-657/369, 4-9=-270/739, 5-9=-683/393, 5-7=0/219

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 352 lb uplift at joint 6 and 418 lb uplift at joint 2.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

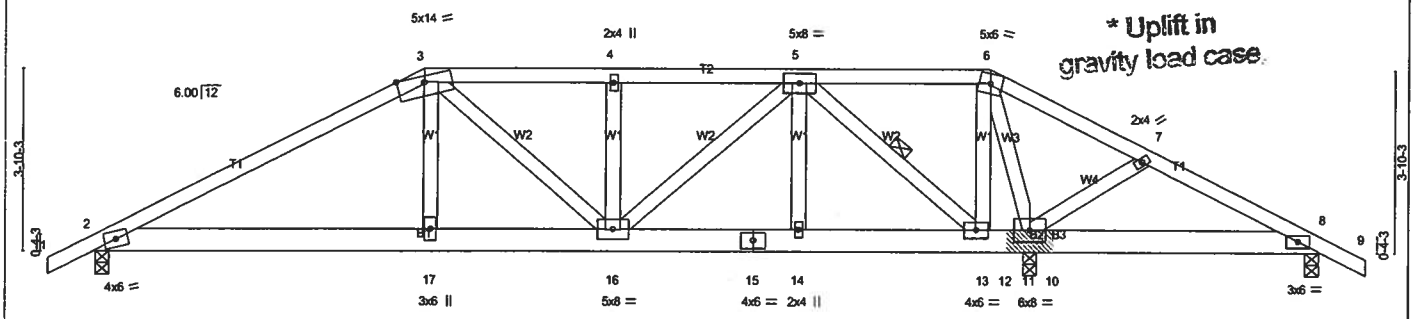
Dwg.#0621061141

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T10	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:10 2006 Page 1

1-0-0	3-9-4	7-0-0	11-0-9	14-11-7	19-0-0	22-2-12	26-0-0	27-0-0
1-0-0	3-9-4	3-2-12	4-0-9	3-10-13	4-0-9	3-2-12	3-9-4	1-0-0

Scale = 1:46.6



3-9-4	7-0-0	11-0-9	14-11-7	19-0-0	19-10-4	22-2-12	26-0-0
3-9-4	3-2-12	4-0-9	3-10-13	4-0-9	0-10-4	2-4-8	3-9-4

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	-0.09	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.15	16-17	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.61	Horz(TL)	0.03	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 157 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-13

REACTIONS (lb/size) 2=1510/0-3-8, 8=-224/0-3-8, 11=3252/0-3-13 (0-3-8 + bearing block)
Max Horz 2=-70(load case 5)
Max Uplift2=-652(load case 4), 8=-376(load case 8), 11=-1433(load case 2)
Max Grav 2=1515(load case 8), 8=129(load case 3), 11=3252(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/27, 2-3=-2743/1130, 3-4=-2316/1055, 4-5=-2316/1055, 5-6=-79/269, 6-7=-421/1078, 7-8=-435/976, 8-9=0/27
BOT CHORD 2-17=-982/2376, 16-17=-992/2411, 15-16=-640/1509, 14-15=-640/1509, 13-14=-640/1509, 12-13=-334/253, 11-12=-334/253, 10-11=-863/413, 8-10=-863/413
WEBS 3-17=-254/828, 3-16=-132/118, 4-16=-476/393, 5-16=-468/1089, 5-14=0/354, 5-13=-2350/1049, 6-13=-602/1575, 7-11=-165/159, 6-11=-2435/1027

NOTES
1) 2 X 6 SYP No.1D bearing block 12" long at jt. 11 attached to front face with 3 rows of 0.131"x3" Nails spaced 3" o.c. 12 Total fasteners. Bearing is assumed to be SYP.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 652 lb uplift at joint 2, 376 lb uplift at joint 8 and 1433 lb uplift at joint 11.
6) Girder carries hip end with 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 19-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) 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=-54, 3-6=-118(F=-64), 6-9=-54, 2-17=-30, 13-17=-65(F=-35), 8-13=-30
Concentrated Loads (lb)
Vert: 17=-539(F) 13=-539(F)

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061142

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T11	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:11 2006 Page 1

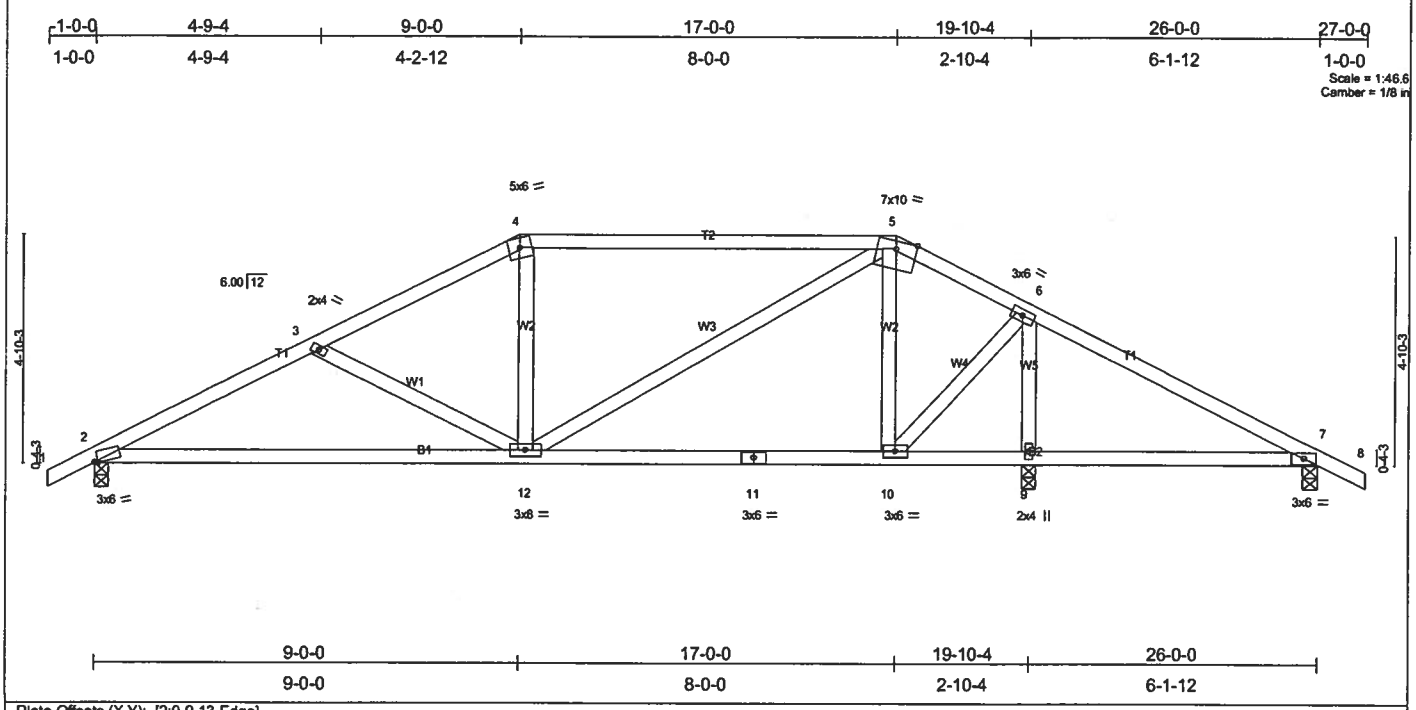


Plate Offsets (X,Y): [2:0-0-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	0.10	7-9	>710	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	0.08	7-9	>878	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.34	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 127 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 5-1-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=850/0-3-8, 9=1251/0-3-8, 7=182/0-3-8
Max Horz 2=82(load case 5)
Max Uplift2=-317(load case 5), 9=-401(load case 6), 7=-215(load case 6)
Max Grav 2=850(load case 1), 9=1251(load case 1), 7=215(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1270/569, 3-4=-1034/460, 4-5=-893/469, 5-6=-435/257, 6-7=-49/290, 7-8=0/23
BOT CHORD 2-12=-395/1098, 11-12=-77/357, 10-11=-77/357, 9-10=-204/133, 7-9=-204/133
WEBS 3-12=-234/217, 4-12=0/95, 5-12=-247/626, 5-10=-449/225, 6-10=-217/808, 6-9=-1078/452

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 317 lb uplift at joint 2, 401 lb uplift at joint 9 and 215 lb uplift at joint 7.

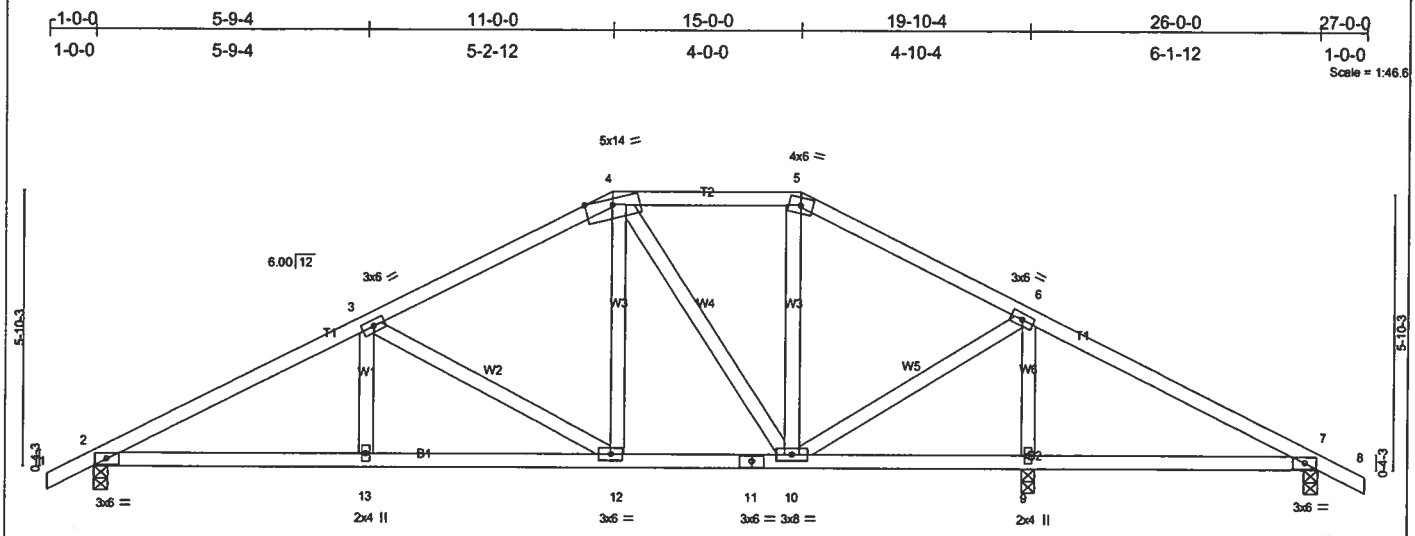
LOAD CASE(S) Standard

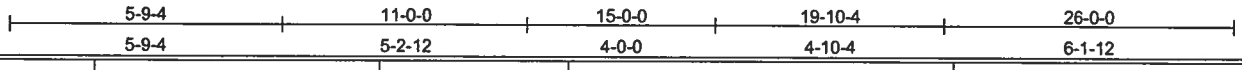
JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061143

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T12	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:12 2006 Page 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	0.33	Vert(LL)	0.10	7-9	>688	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	0.09	7-9	>815	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 135 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 5-3-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=844/0-3-8, 9=1276/0-3-8, 7=164/0-3-8
Max Horz 2=96(load case 5)
Max Uplift2=-324(load case 5), 9=-433(load case 6), 7=-205(load case 6)
Max Grav 2=844(load case 1), 9=1276(load case 1), 7=210(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1324/544, 3-4=-794/402, 4-5=-443/314, 5-6=-565/305, 6-7=-77/312, 7-8=0/23
BOT CHORD 2-13=-364/1119, 12-13=-364/1119, 11-12=-113/659, 10-11=-113/659, 9-10=-220/157, 7-9=-220/157
WEBS 3-13=0/193, 3-12=-535/310, 4-12=-133/390, 4-10=-412/178, 5-10=-38/74, 6-10=-178/760, 6-9=-1064/525

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 324 lb uplift at joint 2, 433 lb uplift at joint 9 and 205 lb uplift at joint 7.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

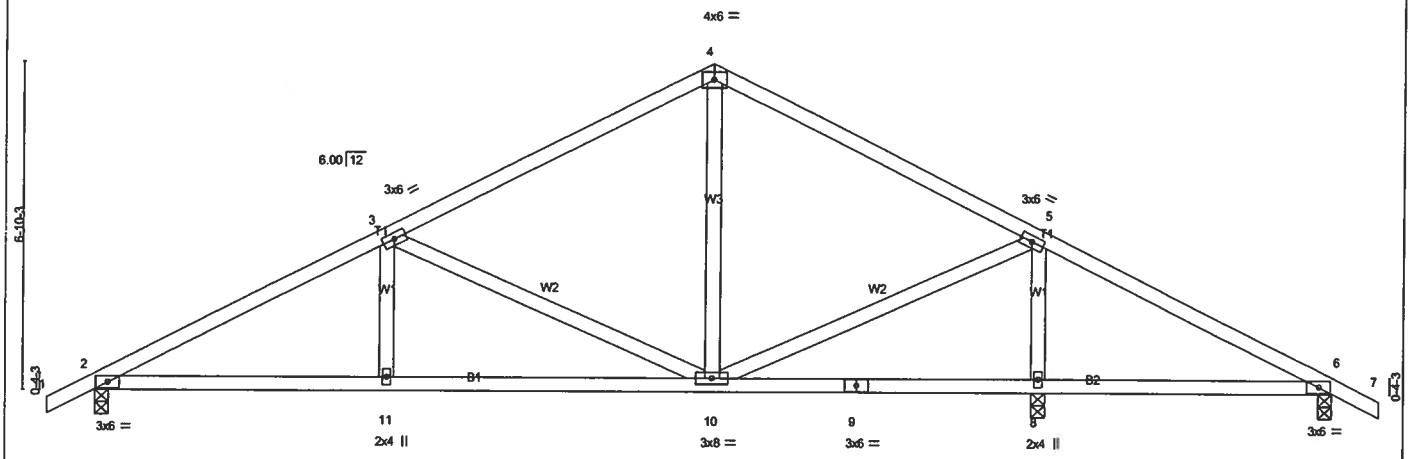
Dwg.#0621061144

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	T13	COMMON	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:13 2006 Page 1

1-0-0 | 6-1-12 | 13-0-0 | 19-10-4 | 26-0-0 | 27-0-0
1-0-0 | 6-1-12 | 6-10-4 | 6-10-4 | 6-1-12 | 1-0-0

Scale = 1:46.0



6-1-12 | 13-0-0 | 19-10-4 | 26-0-0
6-1-12 | 6-10-4 | 6-10-4 | 6-1-12

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.11	6-8	>674	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	0.09	6-8	>772	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 125 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 5-2-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=849/0-3-8, 8=1254/0-3-8, 6=180/0-3-8
Max Horz 2=110(load case 5)
Max Uplift2=-333(load case 5), 8=-450(load case 6), 6=-205(load case 6)
Max Grav 2=849(load case 1), 8=1254(load case 1), 6=220(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-1327/562, 3-4=-674/357, 4-5=-675/359, 5-6=-61/261, 6-7=0/23
BOT CHORD 2-11=-385/1122, 10-11=-385/1122, 9-10=-177/139, 8-9=-177/139, 6-8=-177/139
WEBS 3-11=0/217, 3-10=-673/386, 4-10=-16/203, 5-10=-185/751, 5-8=-1029/549

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 333 lb uplift at joint 2, 450 lb uplift at joint 8 and 205 lb uplift at joint 6.

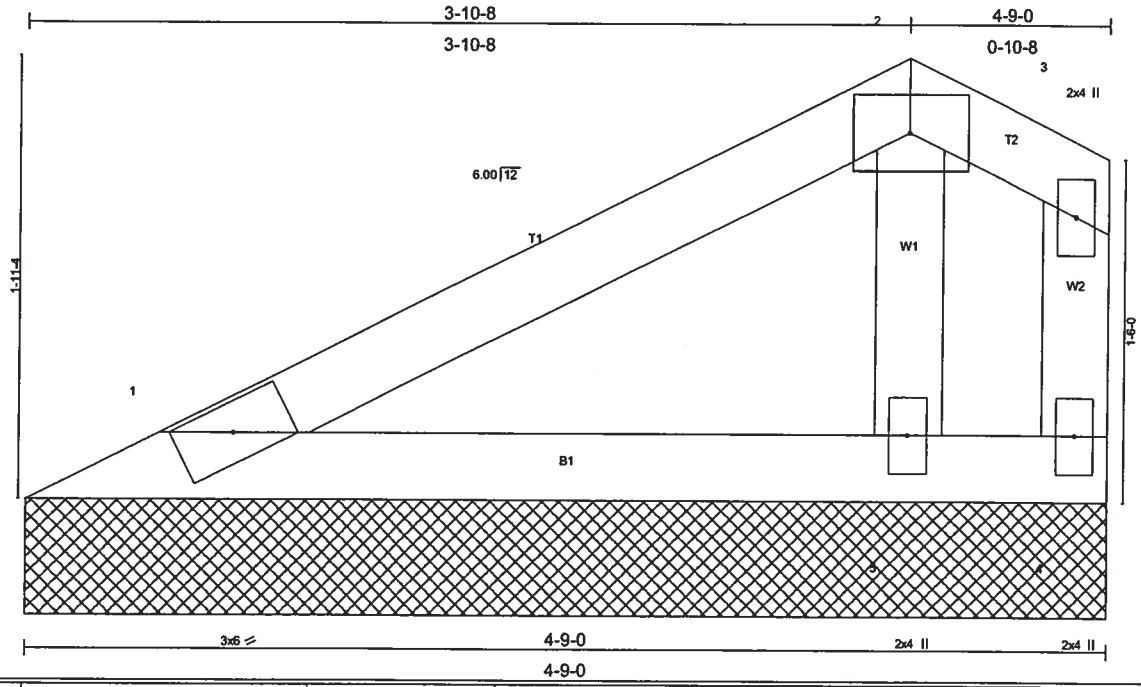
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061145

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	V04	VALLEY	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:15 2006 Page 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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=127/4-9-0, 4=-14/4-9-0, 5=223/4-9-0
Max Horz 1=63(load case 5)
Max Uplift1=-41(load case 5), 4=-29(load case 9), 5=-57(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-40/31, 2-3=-7/15, 3-4=-20/29
BOT CHORD 1-5=-0/0, 4-5=0/0
WEBS 2-5=-108/131

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 1, 29 lb uplift at joint 4 and 57 lb uplift at joint 5.

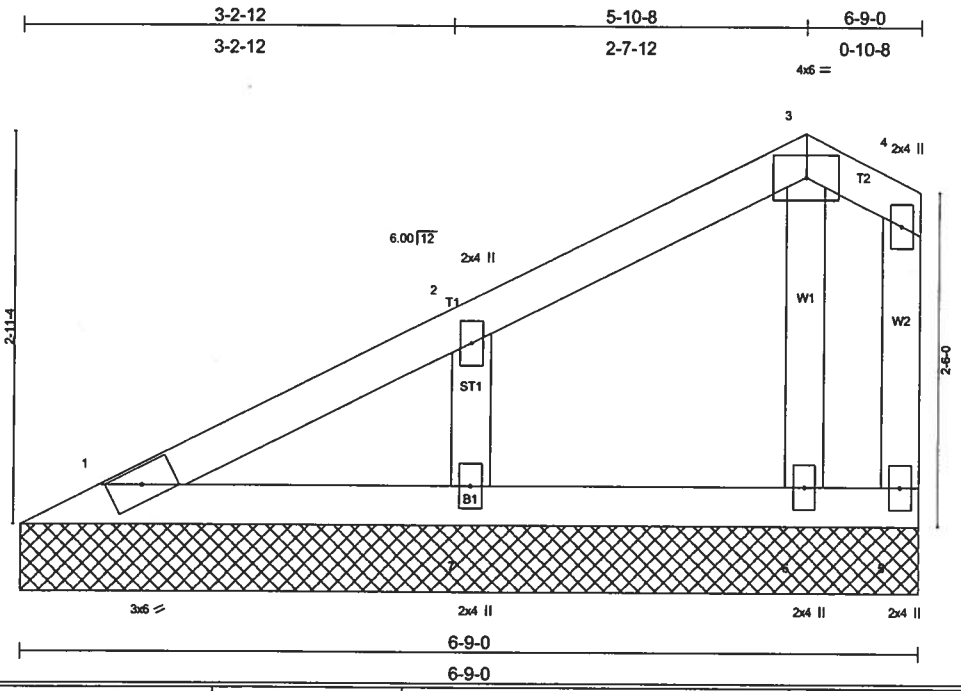
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061146

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	V06	VALLEY	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:16 2006 Page 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	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	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=90/6-9-0, 5=18/6-9-0, 7=271/6-9-0, 6=124/6-9-0
Max Horz 1=110(load case 5)
Max Uplift5=-18(load case 6), 7=-143(load case 5), 6=-33(load case 5)
Max Grav 1=90(load case 9), 5=18(load case 1), 7=271(load case 1), 6=124(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-131/41, 2-3=-39/16, 3-4=-7/15, 4-5=-20/27
BOT CHORD 1-7=0/0, 6-7=0/0, 5-6=0/0
WEBS 2-7=-177/243, 3-6=-69/70

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 5, 143 lb uplift at joint 7 and 33 lb uplift at joint 6.

LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061147

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	V08	VALLEY	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:17 2006 Page 1

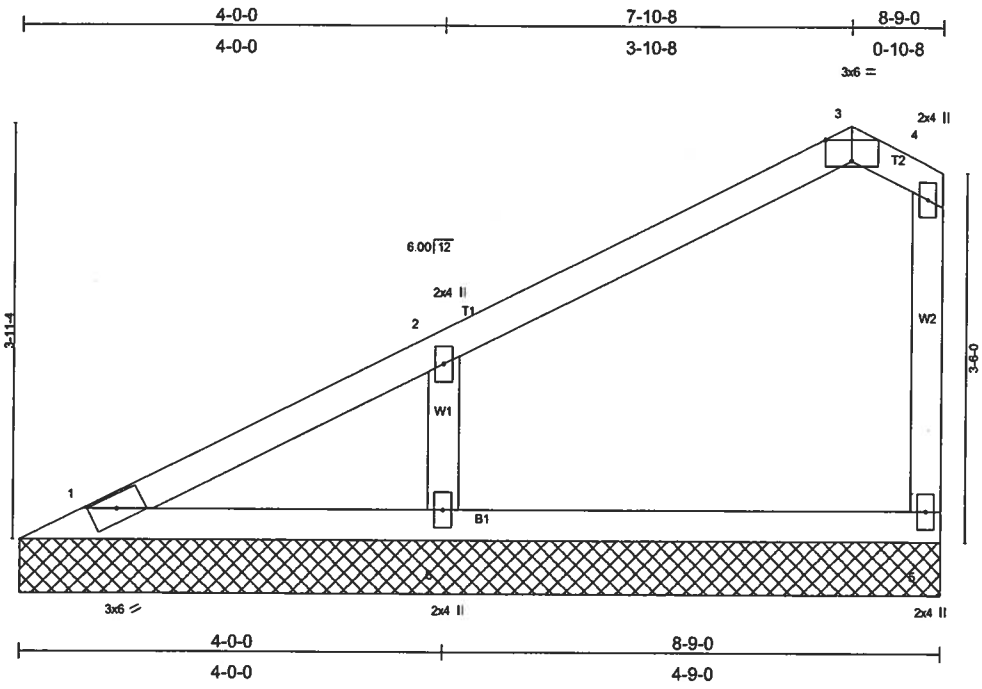


Plate Offsets (X,Y): [3:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 33 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.

REACTIONS (lb/size) 1=117/8-9-0, 5=175/8-9-0, 6=380/8-9-0
Max Horz 1=156(load case 5)
Max Uplift5=-70(load case 5), 6=-190(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-157/17, 2-3=-93/8, 3-4=-77/79, 4-5=-107/121
BOT CHORD 1-6=-25/33, 5-6=-25/33
WEBS 2-6=-240/303

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 5 and 190 lb uplift at joint 6.

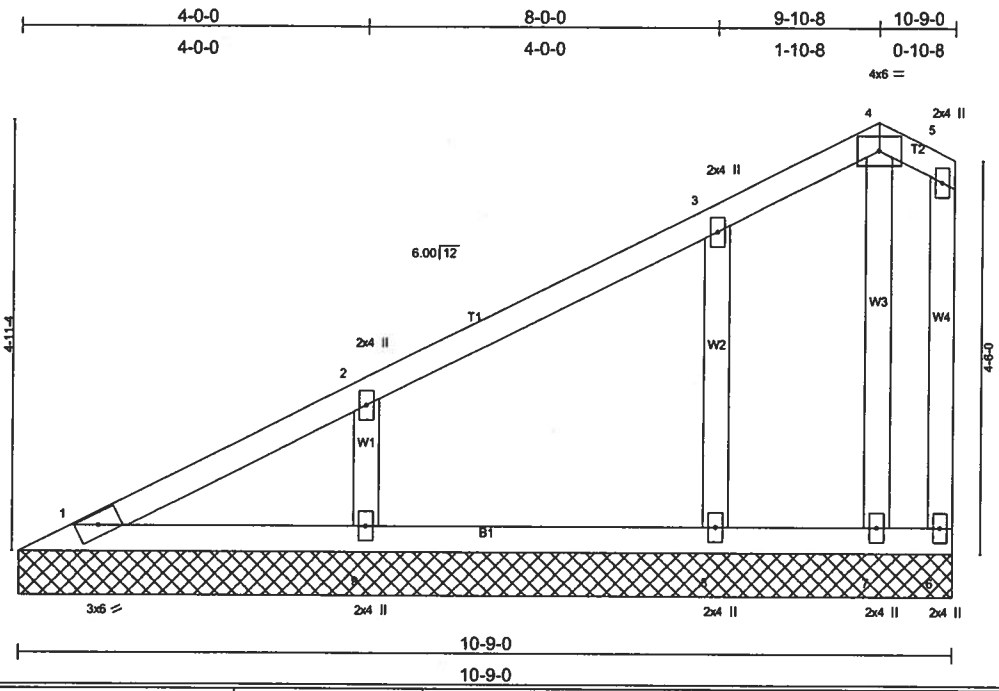
LOAD CASE(S) Standard

JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0621061148

Job	Truss	Truss Type	Qty	Ply	PENNYWORTH-MCGAUGHEY
L169685	V10	VALLEY	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Fri Jun 16 12:24:19 2006 Page 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	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 53 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.

REACTIONS (lb/size) 1=106/10-9-0, 6=36/10-9-0, 9=357/10-9-0, 8=281/10-9-0, 7=59/10-9-0
Max Horz 1=202(load case 5)
Max Uplift6=-18(load case 6), 9=-184(load case 5), 8=-143(load case 5), 7=-11(load case 5)
Max Grav 1=106(load case 1), 6=36(load case 1), 9=357(load case 9), 8=281(load case 9), 7=59(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-236/49, 2-3=-107/45, 3-4=-36/14, 4-5=-11/16, 5-6=-22/27
BOT CHORD 1-9=-1/1, 8-9=-1/1, 7-8=-1/1, 6-7=-1/1
WEBS 2-9=-224/262, 3-8=-182/219, 4-7=-38/25

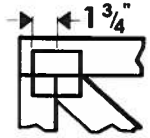
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 6, 184 lb uplift at joint 9, 143 lb uplift at joint 8 and 11 lb uplift at joint 7.

LOAD CASE(S) Standard

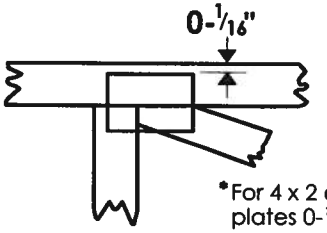
JUNE 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

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

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

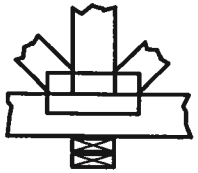
PLATE SIZE

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

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

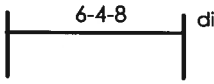


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

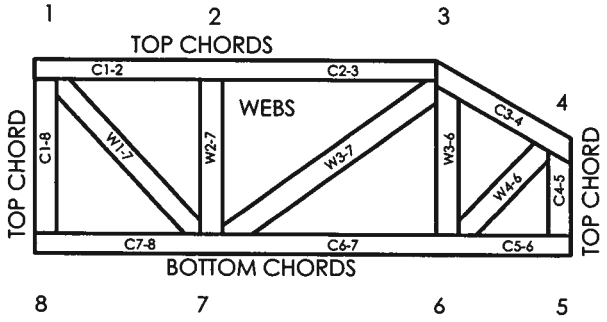
Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

BAILEY BISHOP & LANE, INC.

Engineers *Surveyors* *Planners*

February 23, 2007

Permit #25330
PENNYWORTH HOMES

Jeanne E. McGaughey
755 SW Maplewood Place
Fort White, FL 32038

RE: W 1/2 of Lot 4, Old Wire Forest

Dear McGaughey:

This letter is to let you know that we have performed an elevation survey on your property identified as the West 1/4 of Lot 4, Old Wire Forest, being an unrecorded subdivision. We have determined that the foundation of your residence is 1.02 feet above the adjacent graded road.

Sincerely,

Scott Daniel, PSM
Director of Surveying
Bailey Bishop & Lane, Inc.

P. O. Box 3717	Lake City, FL 32056-3717	Ph. (386) 752-5640	FAX (386) 755-7771
P. O. Box 814	Port St. Joe, FL 32457	Ph. (850) 227-9449	FAX (850) 227-9650
1835 Fiddler Court	Tallahassee, FL 32308	Ph. (850) 894-1200	FAX (850) 894-0200

Sound Structures Engineering, Inc.

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

Pennyworth Homes, Inc.
January 27, 2007

Permit # 25330

RE: Alternate Sheathing Specifications
Sound Structures Job Number 05S-797

To Whom It May Concern:

As an alternative to the originally specified 7/16" OSB sheathing to be used for the above referenced project, it is acceptable to substitute Hardi-Panel sheathing in it's place. The nailing requirements will remain the same for the sheathing with 8d galvanized nails and no further adjustments are required. A modification to the stress levels in each wall is shown below:

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
			Longitudinal Walls			
1	36.0	89.3	6300.0	3214.8	51.0	Exterior
2	21.0	77.7	3675.0	1631.7	44.4	Exterior
3	20.0	97.4	3500.0	1948.0	55.7	Exterior
			Transverse Walls			
4	28.0	110.7	4900.0	3099.6	63.3	Exterior
5	12.3	94.3	2152.5	1159.9	53.9	Exterior
6	18.0	119.6	3150.0	2152.8	68.3	Exterior

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

Sincerely,

Thomas E. Beitelman
FL. PE #51870
FL. SI #2060

Sound Structures Engineering, Inc.

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

Chris
Pennyworth Homes, Inc.
February 8, 2007

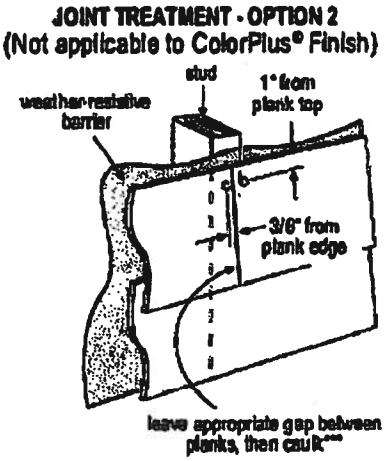
Permit # 25330
Thomas McGaughey

RE: Alternate Holdown Request
Hard-Panel Attachment
Sound Structures Job Number 05S-797

To Whom It May Concern:

As per your request, the originally specified PHD5-SDS3 can receive a Simpson HTT22 as a substitution without modification to the remainder of the connection.

Also, as per your request, I have reviewed the details for water-proofing placed behind the Hardi-Panels at the joints. Based on the manufacturer's recommendations, they require only the normal moisture proof barrier and caulked joints, the attached figure is directly from the manufacturer's installation manual.



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

Sincerely,

Thomas E. Beitelman
FL. PE #51870
FL. SI #2060.

Sound Structures Engineering, Inc.

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

Pennyworth Homes
March 15, 2007

RE: Alternate Holdown Request
Hardi-Panel Attachment
Sound Structures Engineering Job #05S-797
Permit #25330
Thomas McGaughey

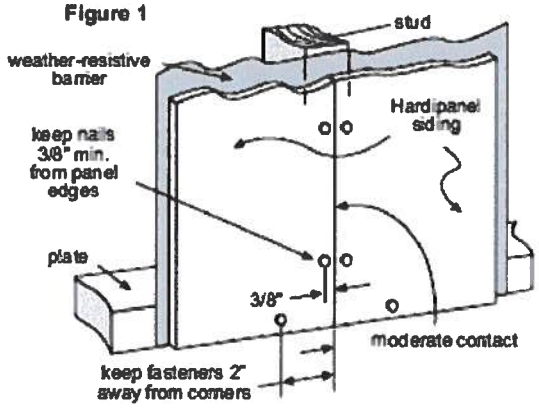
Permit # 25330
Thomas & Jeanne McGaughey
Pennyworth Homes.

To Whom It May Concern:

As a follow-up to my previous correspondence, the originally specified PHD5-SDS3 can receive a Simpson HTT22 as a substitution without modification to the remainder of the connections.

Also, as per your request, I have reviewed the details for water-proofing placed behind the Hardi-Panels at the joints. Based on the manufacturer's recommendations, they require only the normal moisture proof barrier and caulked joints, as per the detail shown below.

Figure 1



I hope this information helps you with your issue, if not please do not hesitate to contact me at anytime at my office.

Sincerely,

Thomas E. Beitelman
FL. PE #51870

Sound Structures Engineering, Inc.

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

Pennyworth Homes, Inc.
January 27, 2007

RE: Alternate Sheathing Specifications
Sound Structures Job Number 05S-797

Permit #00025330
Thomas & Jeanne McGaughey

To Whom It May Concern:

As an alternative to the originally specified 7/16" OSB sheathing to be used for the above referenced project, it is acceptable to substitute Hardi-Panel sheathing in it's place. The nailing requirements will remain the same for the sheathing with 8d galvanized nails and no further adjustments are required. A modification to the stress levels in each wall is shown below:

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
			Longitudinal Walls			
1	36.0	89.3	6300.0	3214.8	51.0	Exterior
2	21.0	77.7	3675.0	1631.7	44.4	Exterior
3	20.0	97.4	3500.0	1948.0	55.7	Exterior
			Transverse Walls			
4	28.0	110.7	4900.0	3099.6	63.3	Exterior
5	12.3	94.3	2152.5	1159.9	53.9	Exterior
6	18.0	119.6	3150.0	2152.8	68.3	Exterior

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

(Original to follow)

Sincerely,

THOMAS E. BEITELMAN
No. 61870
Thomas E. Beitelman
FL, PE#51870
FL, SI #2060

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 13-6S-16-03817-224 **Building permit No.** 000025330

Use Classification SFD,UTILITY **Fire:** 33.48

Permit Holder PENNYWORTH HOMES **Waste:** 100.50

Owner of Building THOMAS & JEANNE MCGAUGHEY **Total:** 133.98

Location: 687 SW MAPLEWOOD PLACE

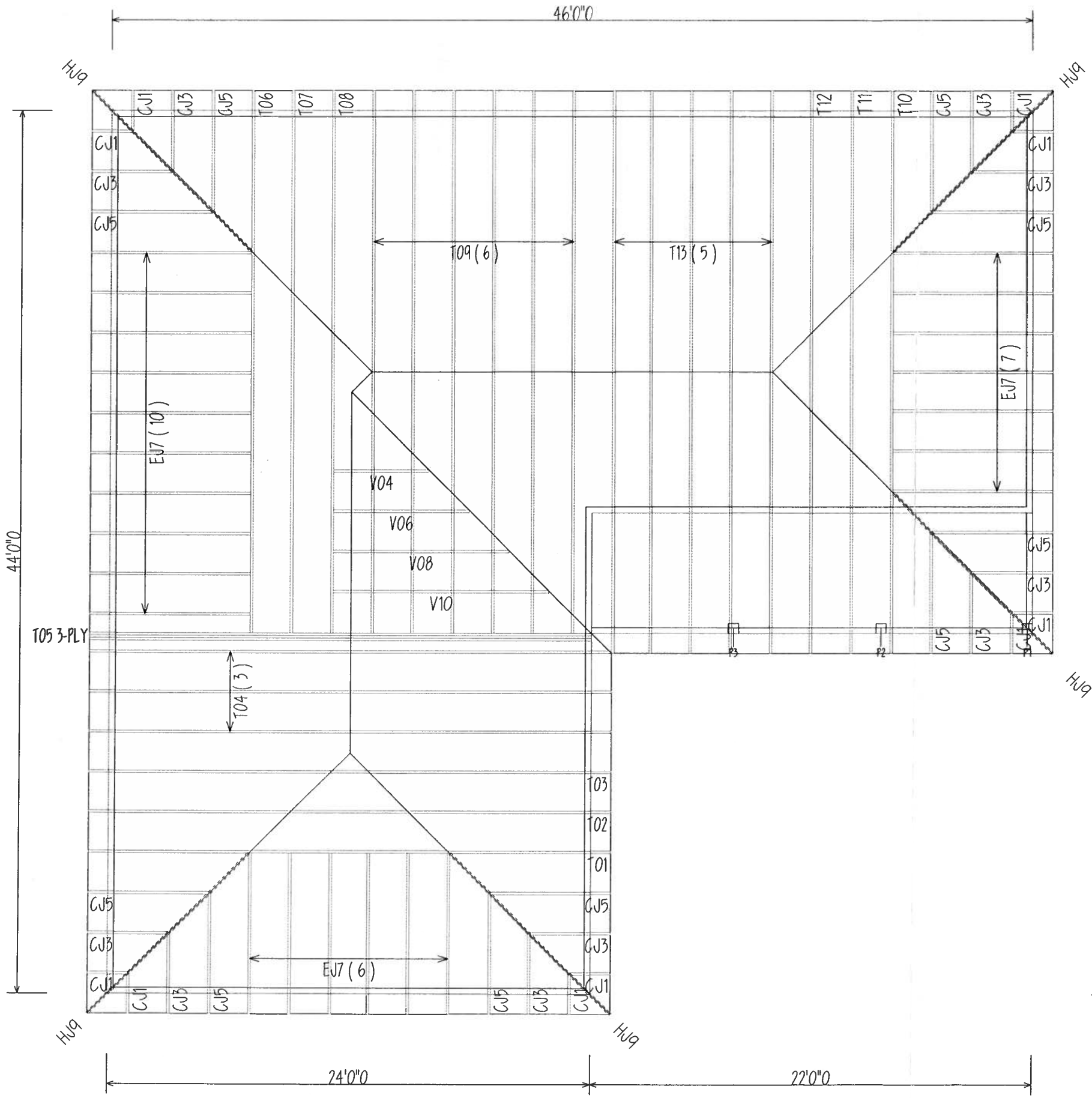
Date: 04/17/2007

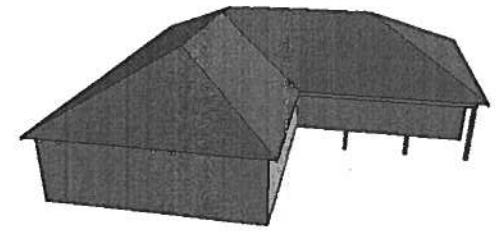
Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

623-3011





ALL 8'-0" CEILINGS

HANGERS

9-HTU26

BEARING HEIGHT SCHEDULE

8'-0"

1'-0" O/H

6/12

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V10S FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date : _____

Approved by: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 904-755-6894 FAX: 904-755-7973

Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: PENNYWORTH		
LEGAL ADDRESS: LAKE CITY		
MODEL: CUSTOM	REVISION:	
	SCALE: NTS	
DATE:	DRAWN BY: TJR	JOB #: L169685