Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0607-06 Date Received 7/7 By JW Permit # 24805

Application Approved by - Zoning Official BLK Date 14.07.06 Plans Examiner OK JTH Date 7-20-06

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

Comments Special Family Lot Permit Sec 14.9 Sister Clause 1001

Applicants Name Pennyworth Homes Inc/Cntr Miller Phone 386-755-9916

Address 321 N.W. Cole Terrace Lake City 32055

Owners Name Nelson + Isabelle Perez Phone 386-232-4074

911 Address 216 SW Maria Magic Glen Ln. FL 32024

Contractors Name Pennyworth Homes Phone 800-897-1799

Address 679 Blackshear Rd, Thomasville, GA 31792

Fee Simple Owner Name & Address Nelson + Isabelle Perez 1351 woodbine Ave, Deltona, FL 3272

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

Architect/Engineer Name & Address Sovereign Structures

Mortgage Lenders Name & Address Bank of America 1201 Main St. 11th Floor Dallas, TX 7520

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

Property ID Number 12-55-15-00447-223 Estimated Cost of Construction $148,000

Subdivision Name Pine Ridge Est. - Unrec Lot 2 Block ____ Unit ____ Phase ____

Driving Directions From Pennyworth office go left on Hwy 90 to first light + turn Right on Hwy 247. Go 10 9/10 miles + turn left on Hwy 240. Go 1/2 miles + turn left on Pine Ridge Rd. Go 1/2 mile + turn left on dirt drive go 1/10 mile to Job on left.

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

Total Acreage 1.01 Lot Size 1 acre Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 210 Side 35 Side 35 Rear 139

Total Building Height 20' Number of Stories 1 Heated Floor Area 2184 Roof Pitch 6/12

Porch 116 Car Age 451 TOTAL 2761

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.

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CRC056477

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 6th day of July 2006.

Personally known ✓ or Produced Identification ____

Notary Signature

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

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: 7/24/2006 **DATE ISSUED:** 7/31/2006

ENHANCED 9-1-1 ADDRESS:

276 SW MARIA MARIE GLN

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

12-5S-15-00447-202

Remarks:

(PARENT PARCEL)

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.

352

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

Inst:[illegible] Date:11/29/2005 Time:[illegible]
Doc Stamp-Deed : 0.70
MK DC,P.DeWitt Cason,Columbia County B:[illegible] P:[illegible]

Recording prepared by:
1351 Woodbine Ave
Deltona FL 32725

and when recorded, please return this deed and tax statements to:
C & A Mikulic
364 S.W. Pine Ridge Ct
Lake City Fl.
32024

Grantee's SS No: | Property Appraiser's Parcel ID #

Above reserved for official use only

GENERAL WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT:

FOR A VALUABLE CONSIDERATION, in the amount of TEN AND NO/100 DOLLARS ($10.00) in hand and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned, Anthony Mikulic and Carmen Mikulic ("Grantor"), has GRANTED, SOLD and CONVEYED and by these presents does GRANT, BARGAIN, SELL and CONVEY to Isabelle Torress Perez And Nelson Perez ("Grantee"), all right, title, interest and claim to the following real property in the City of Lake City, County of Columbia, State of Florida with the following legal description:

Parcel 2 (two) of
Lot 2 (two)
R# 00447-223

TO HAVE AND TO HOLD all of Grantor's right, title and interest in and to the above described property unto the said Grantee, Grantee's heirs, administrators, executors, successors and/or assigns forever IN FEE SIMPLE; so that neither Grantor nor Grantor's heirs, administrators, executors, successors and/or assigns shall have, claim or demand any right or title to the aforesaid property, premises or appurtenances or any part thereof.

Grantor further WARRANTS and agrees to FOREVER DEFEND all and singular the said property unto the said Grantee, Grantee's heirs, executors, administrators, successors and/or assigns, against every person whomsoever claming or to claim the same or any part thereof.

EXECUTED this day of November 29, 2005

(Signature of Grantor)

Grantee's Address:

1351 Woodbine Avenue

Deltona, Fl 32725

Grantors Address:

364 sw Pine Ridge Ct

Lake City, Fl 32024

Signed in our presence:

(Witness Signature)

Print Name: Linda R. Roder

(Witness Signature)

Print Name: Louis A. Munoz

State of FLORIDA)
)
County of Columbia) ss

The foregoing instrument was acknowledged before me on November 29, 2005 by Anthony And Carmen Mikulic who is/are personally known by me or who has/have produced: drivers license as identification and who did not take an oath.

Notary Public State of Florida
Terrie McCormack
My Commission DD403224
Expires 03/06/2009

Terrie McCormack
Signature of Notary Public

Terrie McCormack
Printed Name of Notary

My commission expires:

Inst:2005029479 Date:11/29/2005 Time:15:26
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1066 P:990

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Marie Ken Deputy Clerk
Date Nov 29, 2005

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

Prepared by
Linda Raulerson, an employee of
Volusia Title Services
109 West Rich Avenue
Deland, Florida 32720
(386)738-0041

Return to: Grantee

File No.: 2162-1194128

This is a corrective deed being given to show marital status of the grantor and to perfect the ledgability of the legal description of the original deed filed in Official Records Book 1066, Page 989, Public Records of Columbia County, Florida.

WARRANTY DEED

This indenture made on **June , 2006** A.D., by

Anthony Mikulic and Carmen Mikulic, husband and wife

whose address is: **364 S. W. Pine Ridge Court, Lake City, Fl 32024**
hereinafter called the "grantor", to

Isabelle Torress Perez and Nelson Perez, husband and wife

whose address is: **364 SW Pine Ridge Court, Lake City, FL 32024**
hereinafter called the "grantee":
(Which terms "Grantor" and "Grantee" shall include singular or plural, corporation or individual, and either sex, and shall include heirs, legal representatives, successors and assigns of the same)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in **Columbia** County, **Florida**, to-wit:

See Exhibit "A" attached hereto

Parcel Identification Number: **R00447-202 (part of)**

Subject to all reservations, covenants, conditions, restrictions and easements of record and to all applicable zoning ordinances and/or restrictions imposed by governmental authorities, if any.

Carmen Mikulic

Signed, sealed and delivered in our presence:

Witness Signature

Print Name: Ellen Price

Witness Signature

Print Name: Naralisa Wood

State of **FL**

County of ~~[redacted]~~ **COLUMBIA**

The Foregoing Instrument Was Acknowledged before me on **June , 2006**, by **Carmen Mikulic** who is/are personally known to me or who has/have produced a valid driver's license as identification. M242-1005-3787 DL.

NOTARY PUBLIC

GLORIA A. DEVEREUX
MY COMMISSION # DD 526112
EXPIRES: April 26, 2010
Bonded Thru Budget Notary Services

Notary Print Name

My Commission Expires: _____

Together with all the tenements, hereditaments and appurtenances thereto belonging or in any way 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 taxes accruing subsequent to December 31st of 2005.

In Witness Whereof, the grantor has hereunto set their hand(s) and seal(s) the day and year first above written.

Anthony Mikulic

Anthony Mikulic

Signed, sealed and delivered in our presence:

Witness Signature

Print Name: Ellen Price

Witness Signature

Print Name: Maralisa Wood

State of FLORIDA

County of COLUMBIA

The Foregoing Instrument Was Acknowledged before me on **June , 2006**, by **Anthony Mikulic** who is/are personally known to me or who has/have produced a valid driver's license as identification. M242-0134-2017 52.

Gloria A. Devereux

NOTARY PUBLIC

GLORIA A. DEVEREUX
MY COMMISSION # DD 526112
EXPIRES: April 26, 2010
Bonded Thru Budget Notary Services

Notary Print Name

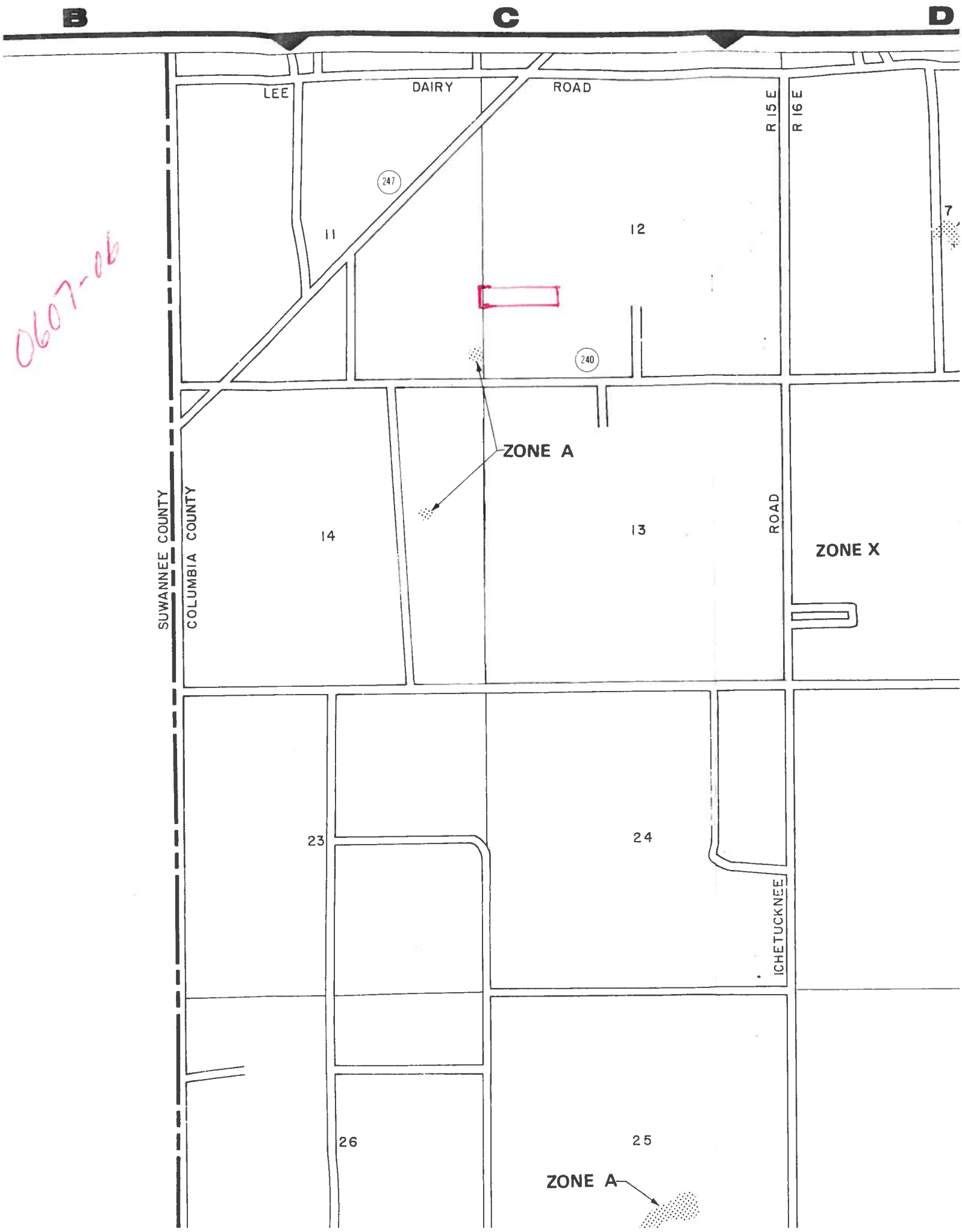
My Commission Expires: _____

Exhibit "A"

Part of the Southwest 1/4 of Section 12, Township 5 South, Range 15 East, Columbia County, Florida, being more particularly described as follows: For point of reference commence at the Southwest corner of said Section 12, and run along the West line of said Section 12, North 0°08'02" West, a distance of 1230.33 feet; Thence continue North 0°08'02" West along said West line, a distance of 349.31 feet; Thence run North 89°10'48" East, a distance of 374.14 feet to the Point of Beginning; Thence continue North 89°10'48" East, a distance of 124.71 feet; Thence run South 0°08'02" East, a distance of 349.31 feet; Thence run South 89°10'48" West, a distance of 124.71 feet; Thence run North 0°08'02" West, a distance of 349.71 feet to the Point of Beginning.

Also being known as part of Lot 2, PINE RIDGE ACRES, an unrecorded subdivision.

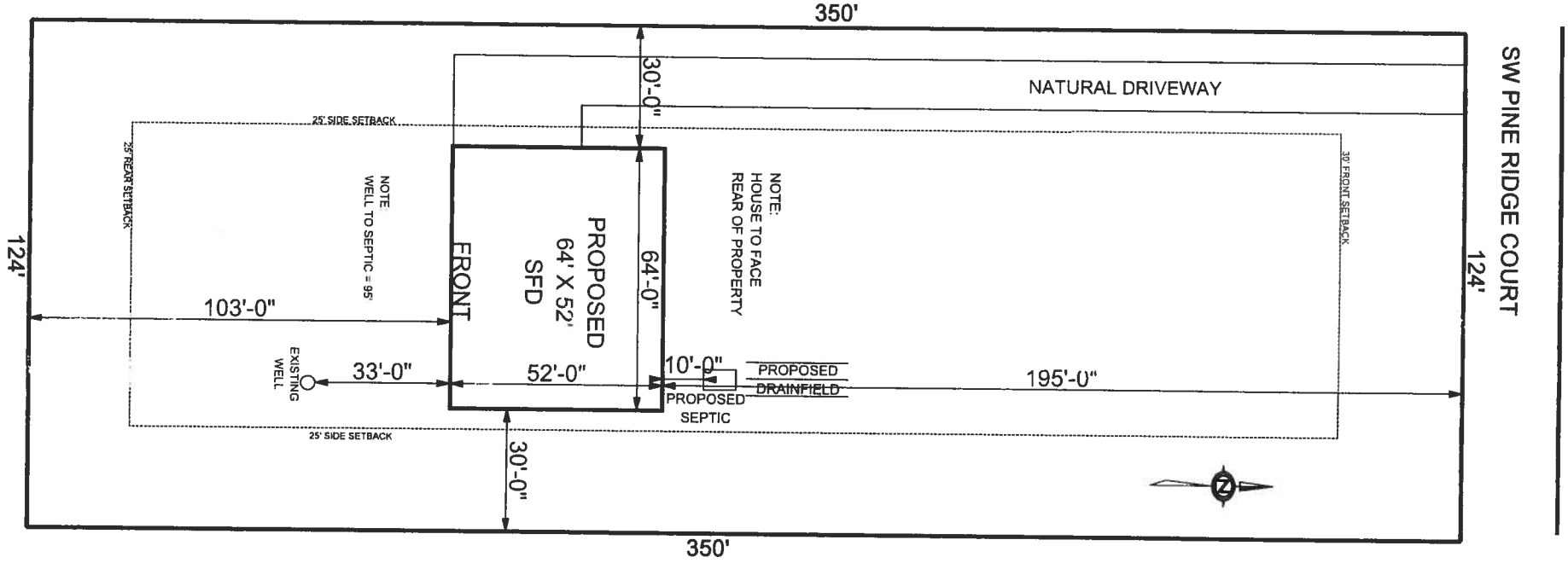
Subject to and together with a 30.00 foot easement for ingress and egress and utilities lying 30.00 feet Southerly of and parallel to the following described line: Part of the Southwest 1/4 of Section 12, Township 5 South, Range 15 East, Columbia County, Florida, being more particularly described as follows: for a point of reference commence at the Southwest corner of said Section 12, and run along the West line of said Section 12, North 0°08'02" West, a distance of 1230.33 feet; Thence continue North 0°08'02" West along said West line, a distance of 349.31 feet; Thence run North 89°10'48" East, a distance of 374.14 feet to the Point of Beginning of herein described line; Thence continue North 89°10'48" East, a distance of 922.75 feet to the West right-of-way line of Pine Ridge Lane (a 60 foot road) and the Terminus of said Line.


B
C
D
LEE
DAIRY
ROAD
R 15 E
R 16 E
247
240
11
12
7
ZONE A
SUWANNEE COUNTY
COLUMBIA COUNTY
14
13
ROAD
ZONE X
23
24
ICHETUCKNEE
26
25
ZONE A

0607-06

PROPOSED PLOT PLAN FOR:
NELSON PEREZ
364 SW PINE RIDGE COURT
LAKE CITY,FL.32024
COLUMBIA COUNTY
4 BEDRM / 3 BATH 2761 SQ FT

SUBMITTED BY: PENNYWORTH HOMES INC.
SCALE:1" = 40'0" **DATE: 5/9/06**

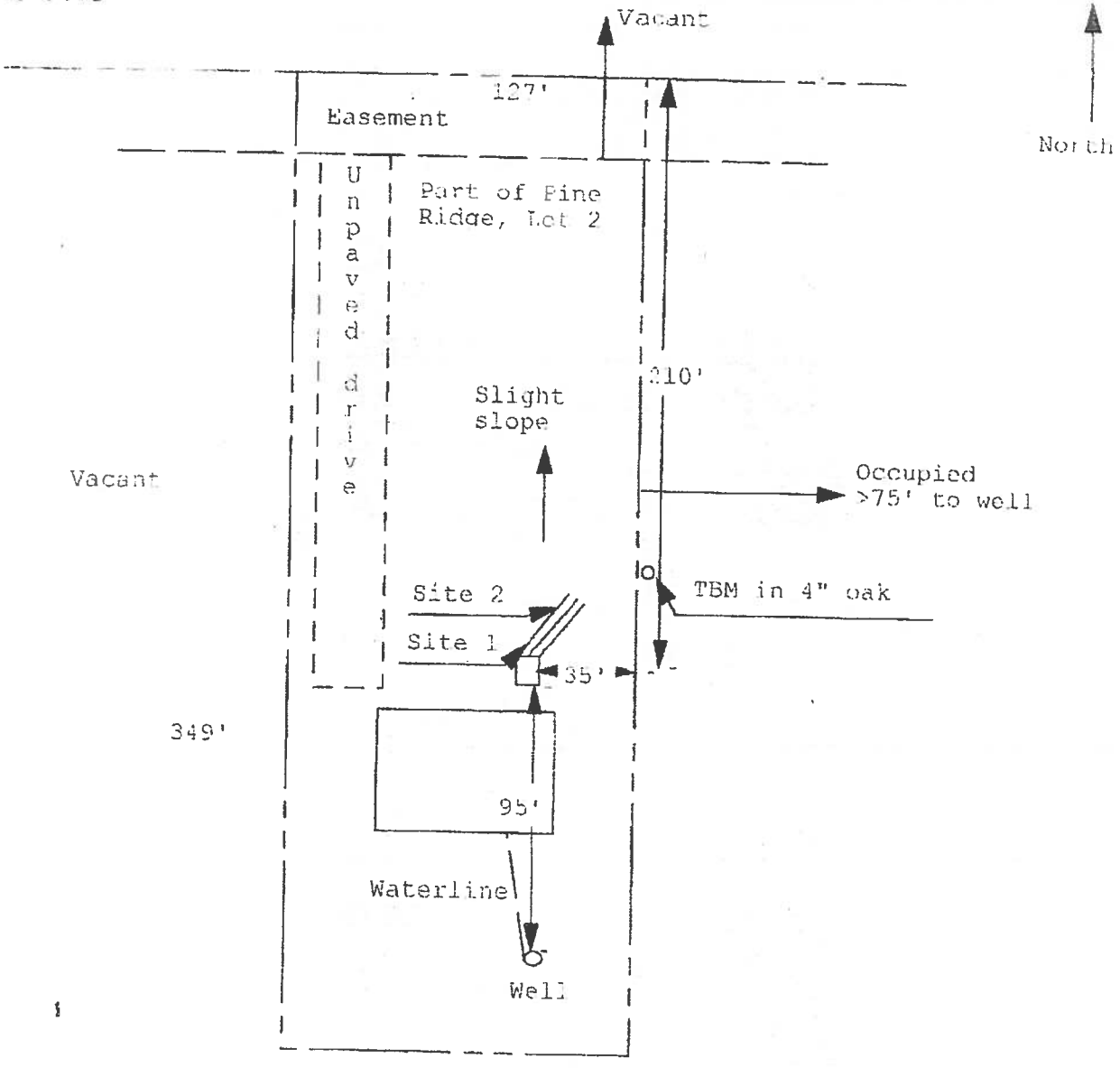


Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 06-0572N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PEREZ/CR 05-3475



1 inch = 60 feet

Site Plan Submitted By Paul Lloyd Date 4/18/06

Plan Approved X Not Approved ____ Date 6.20.06

By Sabbi Graddy. ES II CPHU

Columbia CHD

Notes: _____

PREPARED BY:
Randy Bullard
Robertson & Anschutz, P.C.
10333 Richmond Avenue, Suite 550
Houston, TX 77042

AFTER RECORDED RETURN TO:

Bank of America, N.A.
9000 Southside Blvd., Ste. 700
Jacksonville, FL 32256

Inst:2006014648 Date:06/19/2006 Time:11:48
DC,P.DeWitt Cason,Columbia County B:1087 P:245

NOTICE OF COMMENCEMENT

Permit No. _____ Tax Folio No. _____

State of Florida
County of Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Legal description of property (include street address, if available)
364 Southwest Pine Ridge Court
Lake City, FL 32024

See Exhibit "A" attached hereto and made a part hereof for all purposes

2. General description of improvement(s)

Construction of Home

3. Owner information
Name: **Nelson Perez and Isabelle Torress Perez, husband and wife**
Address: **1351 Woodbine Avenue**
Deltona, FL 32725

4. Contractor information
Name: **Pennyworth Homes, Inc.**
Address: **679 Blackshear Drive**
Thomasville GA 31792
Phone: 229-225-1730 FAX 229-227-6191

5. **Surety**
Name: N/A
Address: _____
_____
Phone #: _____ **Fax #:** _____ **Amt. of bond:** _____

6. **Lender**
Name: **Bank of America, N.A.**
Address: **1201 Main Street, 11th Floor, Dallas, TX 75202-0000**
Phone #: **877-719-6142**

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

8. In addition to himself, Owner designates N/A of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
Phone #: _____
Fax #: _____

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

Signature of Owner

Sworn to and subscribed before me this 9th day of June, 2006.

Notary Public

My commission expires:

LINDA L RAULERSON
MY COMMISSION # DD0238
EXPIRES Apr 27, 2009
(407) 398-0153 Florida Notary Service.com

Inst:2006014648 Date:06/19/2006 Time:11:48
DC,P.DeWitt Cason,Columbia County B:1087 P:246

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Inst:2006014648 Date:06/19/2006 Time:11:48
DC,P.DeWitt Cason,Columbia County B:1087 P:247

LYNCH WELL DRILLING, INC.

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

Building Permit #_____ Owner's Name Isabella Perry

Well Depth 110 Ft. Casing Depth 84 Ft. Water Level 54 Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Aermotor Pump Model S20-150 HP 1 1/2

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

Pumping System GPM at average pressure and pumping level 20 (GPM)

Tank Installation: Bladder /Galvanized Make Challenger
Model PC244 Size 21

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

2609
License Number

Linda Newcomb
Print Name

7-10-06
Date
Well drilled
5-3-06

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 Perez Monticello Model**	Builder:	**Pennyworth Homes**
Address:	**364 SW Pine Ridge Court**	Permitting Office:	**Columbia**
City, State:	**Lake City, FL 32024-**	Permit Number:	24805
Owner:	**Nelson Perez**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.9 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2194 ft²	13. Heating systems	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 42.9 kBtu/hr
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 258.0 ft²		HSPF: 8.00
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 258.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 232.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1265.0 ft²	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=13.0, 243.0 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2194.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft		
b. N/A			

Glass/Floor Area: 0.12 Total as-built points: 27273 Total base points: 32583 **PASS**

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

PREPARED BY: AMBER C RAISNER

DATE: 7/9/06

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

OWNER/AGENT: _____

DATE: 7/10/06

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: **364 SW Pine Ridge Court, Lake City, FL, 32024-** 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	2194.0	20.04	7914.2	Double, Clear	N	0.0	0.0	108.0	19.20	1.00	2073.6
				Double, Clear	E	0.0	0.0	21.0	42.06	1.00	883.3
				Double, Clear	S	7.0	6.0	42.0	35.87	0.50	748.3
				Double, Clear	S	0.0	0.0	72.0	35.87	1.00	2582.4
				Double, Clear	W	0.0	0.0	15.0	38.52	1.00	577.9
				As-Built Total:				**258.0**			**6865.5**
WALL TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points
Adjacent	243.0	0.70	170.1	Frame, Wood, Exterior			13.0	1265.0	1.50		1897.5
Exterior	1265.0	1.70	2150.5	Frame, Wood, Adjacent			13.0	243.0	0.60		145.8
Base Total:	**1508.0**		**2320.6**	**As-Built Total:**				**1508.0**			**2043.3**
DOOR TYPES	Area X	BSPM	= Points	Type				Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				21.0	4.10		86.1
Exterior	21.0	6.10	128.1								
Base Total:	**21.0**		**128.1**	**As-Built Total:**				**21.0**			**86.1**
CEILING TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM X SCM	=	Points
Under Attic	2194.0	1.73	3795.6	Under Attic			30.0	2194.0	1.73 X 1.00		3795.6
Base Total:	**2194.0**		**3795.6**	**As-Built Total:**				**2194.0**			**3795.6**
FLOOR TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points
Slab	232.0(p)	-37.0	-8584.0	Slab-On-Grade Edge Insulation			0.0	232.0(p	-41.20		-9558.4
Raised	0.0	0.00	0.0								
Base Total:			**-8584.0**	**As-Built Total:**				**232.0**			**-9558.4**
INFILTRATION	Area X	BSPM	= Points					Area X	SPM	=	Points
	2194.0	10.21	22400.7					2194.0	10.21		22400.7

FORM 600A-2004 EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **364 SW Pine Ridge Court, Lake City, FL, 32024-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 27975.3			**Summer As-Built Points:**					**25632.8**
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 42900 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
			25633	1.00	(1.08 x 1.147 x 0.91)	0.263	1.000	7593.1
27975.3	**0.4266**	**11934.2**	**25632.8**	**1.00**	**1.128**	**0.263**	**1.000**	**7593.1**

FORM 600A-2004 EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **364 SW Pine Ridge Court, Lake City, FL, 32024-** 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	2194.0	12.74	5031.3	Double, Clear	N	0.0	0.0	108.0	24.58	1.00	2654.4
				Double, Clear	E	0.0	0.0	21.0	18.79	1.00	394.7
				Double, Clear	S	7.0	6.0	42.0	13.30	3.00	1677.2
				Double, Clear	S	0.0	0.0	72.0	13.30	1.00	957.2
				Double, Clear	W	0.0	0.0	15.0	20.73	1.00	310.9
				As-Built Total:				**258.0**			**5994.4**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	243.0	3.60	874.8	Frame, Wood, Exterior			13.0	1265.0	3.40		4301.0
Exterior	1265.0	3.70	4680.5	Frame, Wood, Adjacent			13.0	243.0	3.30		801.9
Base Total:	**1508.0**		**5555.3**	**As-Built Total:**				**1508.0**			**5102.9**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				21.0	8.40		176.4
Exterior	21.0	12.30	258.3								
Base Total:	**21.0**		**258.3**	**As-Built Total:**				**21.0**			**176.4**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	2194.0	2.05	4497.7	Under Attic			30.0	2194.0	2.05 X 1.00		4497.7
Base Total:	**2194.0**		**4497.7**	**As-Built Total:**				**2194.0**			**4497.7**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	232.0(p)	8.9	2064.8	Slab-On-Grade Edge Insulation			0.0	232.0(p	18.80		4361.6
Raised	0.0	0.00	0.0								
Base Total:			**2064.8**	**As-Built Total:**				**232.0**			**4361.6**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	2194.0	-0.59	-1294.5					2194.0	-0.59		-1294.5

FORM 600A-2004 EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **364 SW Pine Ridge Court, Lake City, FL, 32024-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**16112.9**	**Winter As-Built Points:**					**18838.6**
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 42900 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
			18838.6	1.000	(1.060 x 1.169 x 0.93)	0.426	1.000	9253.7
16112.9	**0.6274**	**10109.2**	**18838.6**	**1.00**	**1.152**	**0.426**	**1.000**	**9253.7**

FORM 600A-2004 EnergyGauge® 4.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **364 SW Pine Ridge Court, Lake City, FL, 32024-** 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
11934	**10109**	**10540**	**32583**	**7593**	**9254**	**10427**	**27273**

PASS

FORM 600A-2004 EnergyGauge® 4.0

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **364 SW Pine Ridge Court, Lake City, FL, 32024-** 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* = 86.4

The higher the score, the more efficient the home.

Nelson Perez, 364 SW Pine Ridge Court, Lake City, FL, 32024-

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 42.9 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	4			b. N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	2194 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 258.0 ft²			a. Electric Heat Pump	Cap: 42.9 kBtu/hr
	b. SHGC:					HSPF: 8.00
	(or Clear or Tint DEFAULT) 7b.	(Clear) 258.0 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 232.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1265.0 ft²				EF: 0.93
	b. Frame, Wood, Adjacent	R=13.0, 243.0 ft²			b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 2194.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: 7/10/06

Address of New Home: 364 SW Pine Ridge Ct City/FL Zip: Lake City FL 32024

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.

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

PENNYWORTH HOMES PEREZ MONTICELLO MDL
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: 14:28:15 7/ 8/ 6
Dataset Name: PWHPEREZ .TM

AIRFLOW - ALTERNATIVE 1

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

System Number	System Type	Main Outside Airflow (Cfm)	Main Cooling Airflow (Cfm)	Main Heating Airflow (Cfm)	Main Return Airflow (Cfm)	Main Exhaust Airflow (Cfm)	Auxil. Supply Airflow (Cfm)	Room Exhaust Airflow (Cfm)
1	SZ	80	1,782	1,782	1,782	80	0	0
Totals		80	1,782	1,782	1,782	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	3.6	0.0	0.0	3.6	-30,151	0	0	0	0	0	-30,151
Totals		3.6	0.0	0.0	3.6	-30,151	0	0	0	0	0	-30,151

The building peaked at hour 14 month 9 with a capacity of 3.6 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	4.49	0.81	498.5	613.6	19.56	0.81	-13.74	2,194

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: 9/14					Mo/Hr: 9/14		Mo/Hr: 13/ 1		
Outside Air ==>	OADB/WB/HR: 92/ 75/105.0					OADB: 92		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	7,240	0		7,240	16.87	7,240	18.79	-4,498	-4,498	14.92
Glass Solar	21,672	0		21,672	50.50	21,672	56.24	0	0	0.00
Glass Cond	4,541	0		4,541	10.58	4,541	11.78	-11,945	-11,945	39.62
Wall Cond	4,479	0		4,479	10.44	4,479	11.62	-4,745	-4,745	15.74
Partition	602			602	1.40	602	1.56	-855	-855	2.84
Exposed Floor	0			0	0.00	0	0.00	-4,471	-4,471	14.83
Infiltration	0			0	0.00	0	0.00	0	0	0.00
Sub Total==>	38,534	0		38,534	89.80	38,534	100.00	-26,514	-26,514	87.94
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	3,743	8.72	0	0.00	0	-3,636	12.06
Sup. Fan Heat				634	1.48		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==>	38,534	0	0	42,911	100.00	38,534	100.00	-26,514	-30,151	100.00

COOLING COIL SELECTION

	Total Capacity (Tons)	(Mbh)	Sens Cap. (Mbh)	Coil Airfl (cfm)	Entering DB/WB/HR Deg F	Deg F	Grains	Leaving DB/WB/HR Deg F	Deg F	Grains
Main Clg	3.6	42.9	40.7	1,782	75.8	63.1	66.7	55.2	54.4	62.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Totals	3.6	42.9								

AREAS

	Gross Total	Glass (sf)	(%)
Floor	2,194		
Part	264		
ExFlr	232		
Roof	2,194	0	0
Wall	1,544	258	17

HEATING COIL SELECTION

	Capacity (Mbh)	Coil Airfl (cfm)	Ent Deg F	Lvg Deg F
Main Htg	-30.2	1,782	70.2	85.4
Aux Htg	0.0	0	0.0	0.0
Preheat	-0.0	1,782	70.2	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	-30.2			

AIRFLOWS (cfm)

Type	Cooling	Heating
Vent	80	80
Infil	0	0
Supply	1,782	1,782
Mincfm	0	0
Return	1,782	1,782
Exhaust	80	80
Rm Exh	0	0
Auxil	0	0

ENGINEERING CHECKS

Clg % OA	4.5
Clg Cfm/Sqft	0.81
Clg Cfm/Ton	498.45
Clg Sqft/Ton	613.55
Clg Btuh/Sqft	19.56
No. People	0
Htg % OA	4.5
Htg Cfm/SqFt	0.81
Htg Btuh/SqFt	-13.74

TEMPERATURES (F)

Type	Clg	Htg
SADB	55.5	85.4
Plenum	75.0	72.0
Return	75.0	72.0
Ret/OA	75.8	70.2
Runarnd	75.0	72.0
Fn MtrTD	0.1	0.0
Fn BldTD	0.1	0.0
Fn Frict	0.2	0.0

MAIN SYSTEM COOLING - ALTERNATIVE 1

P E A K C O O L I N G L O A D S
(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	MONTICELLO MDL	9/14	92	75	55.5	1,782	38,534	0	9/14	92	75	55.5	1,782	40,676	2,235
Zone 1	Total/Ave.		92	75	55.5	1,782	38,534	0		92	75	55.5	1,782	40,676	2,235
Zone 1	Block	9/14	92	75	55.5	1,782	38,534	0	9/14	92	75	55.5	1,782	40,676	2,235
System 1	Total/Ave.		92	75	55.5	1,782	38,534	0		92	75	55.5	1,782	40,676	2,235
System 1	Block	9/14	92	75	55.5	1,782	38,534	0	9/14	92	75	55.5	1,782	40,676	2,235

MAIN SYSTEM HEATING - ALTERNATIVE 1

P E A K H E A T I N G L O A D S
(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	MONTICELLO MDL	2,194	13/ 1	31	27	72	85.4	1,782	-26,514	13/ 1	31	27	72	85.4	1,782	-30,151
Zone 1	Total/Ave.	2,194		31	27	72	85.4	1,782	-26,514		31	27	72	85.4	1,782	-30,151
Zone 1	Block	2,194	13/ 1	31	27	72	85.4	1,782	-26,514	13/ 1	31	27	72	85.4	1,782	-30,151
System 1	Total/Ave.	2,194		31	27	72	85.4	1,782	-26,514		31	27	72	85.4	1,782	-30,151
System 1	Block	2,194	13/ 1	31	27	72	85.4	1,782	-26,514	13/ 1	31	27	72	85.4	1,782	-30,151

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ——— 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ———110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☐	☐	d) Location, size and height above roof of chimneys.
☐	☐	e) Location and size of skylights
☑	☐	f) Building height
☐	☐	e) Number of stories
		Floor Plan including:
☑	☐	a) Rooms labeled and dimensioned.
☑	☐	b) Shear walls identified.
☑	☐	c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☑	☐	d) Show safety glazing of glass, where required by code.
☑	☐	e) Identify egress windows in bedrooms, and size.
☐	☐	f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☐	☐	g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☑	☐	h) Must show and identify accessibility requirements (accessible bathroom)
		Foundation Plan including:
☑	☐	a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
☑	☐	b) All posts and/or column footing including size and reinforcing
☐	☐	c) Any special support required by soil analysis such as piling
☑	☐	d) Location of any vertical steel.
		Roof System:
☑	☐	a) Truss package including: 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng. 2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
☐	☐	b) Conventional Framing Layout including: 1. Rafter size, species and spacing 2. Attachment to wall and uplift 3. Ridge beam sized and valley framing and support details 4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
		Wall Sections including:
☐	☐	a) Masonry wall 1. All materials making up wall 2. Block size and mortar type with size and spacing of reinforcement 3. Lintel, tie-beam sizes and reinforcement 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans. 6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating) 7. Fire resistant construction (if required) 8. Fireproofing requirements 9. Shoe type of termite treatment (termiticide or alternative method) 10. Slab on grade a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed) b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports 11. Indicate where pressure treated wood will be placed 12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☐ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☑ ☐ h) Exhaust fans in bathroom

HVAC Information

☑ ☐ a) Energy Calculations (dimensions shall match plans)

☐ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done

☐ ☐ **Private Potable Water**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. **(386) 497-2321**

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit ($25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.**

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

PRODUCT APPROVAL SPECIFICATION SHEET

Location: SW Pine Ridge Court, Lake City FL 32024
Project Name: Nelson & Isabelle Perez

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Therma-Tru Corp. Kinco		FL1170 FL980
2. Sliding	Therma-Tru Corp. Kinco		FL1185 FL126
3. Sectional			
4. Roll up			
5. Automatic			
6. Other	Overhead Door Corp.	Garage door	FL1630
B. WINDOWS			
1. Single hung	Atrium Windows & Doors, NC/ Kinco		FL1030 FL123
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed	Atrium Windows & Doors, NC/ Hy-Lite Products/ Kinco		FL1748 FL2025 FL125
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion	Kinco		FL957
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	James Hardi Siding/ Owens Corning	Fiber cement lap siding/ Vinyl siding	FL889 FL920
2. Soffits	Owens Corning	Vinyl soffit	FL921
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other	Tyvek	House Wrap	FL2145
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Owens Corning		FL85
2. Underlayments	Owens Corning/ Atlas Roofing Corp.	Roofing felt	FL1000 FL1996
3. Roofing Fasteners			

4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
Category/Subcategory (cont.)	**Manufacturer**	**Product Description**	**Approval Number(s)**
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings	Owens Corning		FL2276
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other	Owens Corning	Ridge vent	FL234
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	Simpson Strong- tie	LU26, PHD2, H10, ABE66, SP1, SP2, 24" FLAT STRAP	FL474, FL503
2. Truss plates	Alpine Engineered Products		FL1999
3. Engineered lumber	Trus Joist		FL1630
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			-
2.			

Location:_____ Project Name:

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

Contractor or Contractor's Authorized Agent Signature

Pennyworth Homes, Inc.

Print Name Jason Bishop

Date 7/7/06

Location 520 Pine Ridge Ct, Lake City 32024

Permit # **(FOR STAFF USE ONLY)**

Sound Structures Engineering, Inc.

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

(jurisdiction), **Activity #** 05S-788

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: Perez Residence, SW Pine Ridge Ct.
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: 16.3 ft
Species for Top Plate: ☑ SPF or ☐ SYP
End Zone Length: 6.4 ft
Roof Slope: 6 : 12
Stud Species: ☑ SPF or ☐ SYP
Max. Stud Ht. (excluding gable end): 8'
Stud Spacing: 16"
Max. Overhang Length (excluding porches): 12 "

HURRICANE CLIPS (HC)

Brand:	Truss Span or Location	Model # @ End Zone	Model # @ Interior Zone
Simpson Strong-Tie	s T02, T03, T04, T05, T06, T07, T08, T09, T1	2 - H2.5A	2 - H2.5A
	Trusses T10	2 - H10	2 - H10
	Trusses T01, T21, T23	2 - HTS20	2 - HTS20
	Trusses T18	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	3" x 3" x 1/4"	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

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
			Longitudinal Walls			
1	7.0	122.7	2087.4	859.2	41.2	Exterior
2	9.7	121.6	2882.6	1175.5	40.8	Exterior
3	21.7	120.5	6461.0	2610.0	40.4	Exterior
4	6.0	120.0	1789.2	719.8	40.2	Exterior
5	12.0	121.7	3578.4	1460.0	40.8	Exterior
6	14.7	123.4	4373.6	1809.5	41.4	Exterior
			Transverse Walls			
7	26.0	120.1	7753.2	3122.4	40.3	Exterior
8	8.0	113.9	2385.6	911.2	38.2	Exterior
9	12.0	113.0	3578.4	1355.8	37.9	Exterior
10	7.0	110.2	2087.4	771.6	37.0	Exterior
11	4.0	114.2	1192.8	457.0	38.3	Exterior
12	36.3	118.5	10834.6	4305.1	39.7	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.

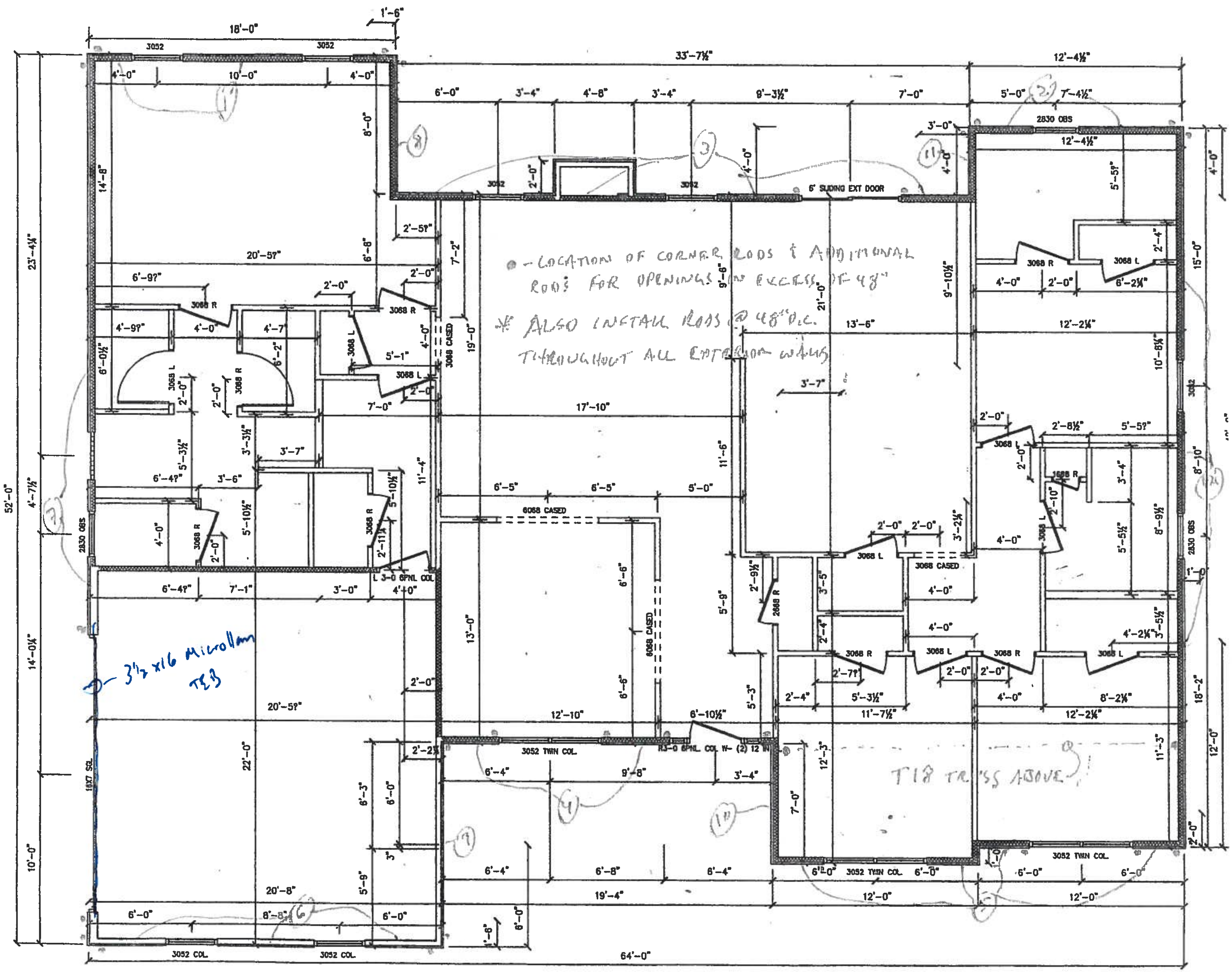
5 Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on page 1.

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..

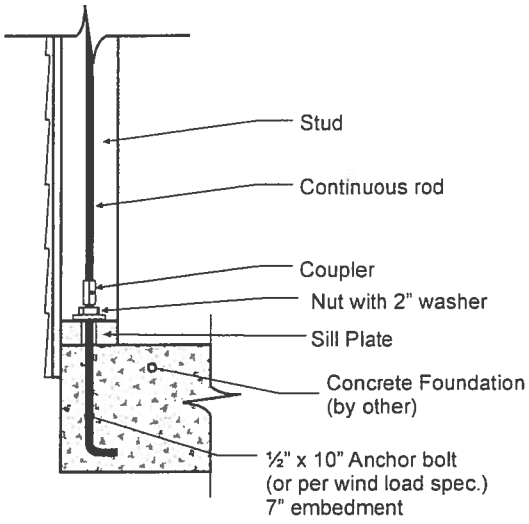
7 Simpson Strong Tie HH4 Header Hanger or equivalent should be provided on bearing wall and shear wall door and window openings over 6 ft.

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

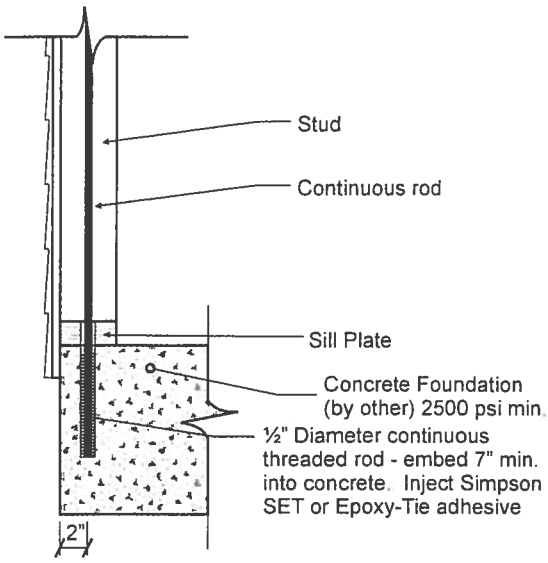
9 4" x 4" Posts will require Simpson Strong Tie Post Bases model #ABU44 or better and double LSTA18 straps on each beam at top.



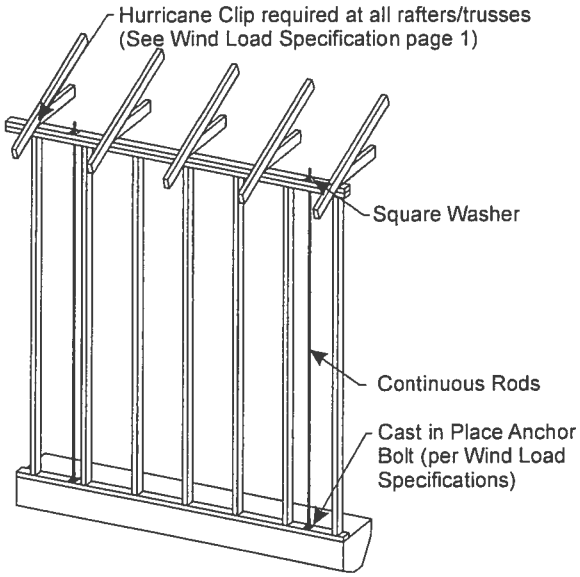
• – LOCATION OF CORNER RODS & ADDITIONAL RODS FOR OPENINGS IN EXCESS OF 48"
* ALSO INSTALL RODS @ 48" O.C. THROUGHOUT ALL EXTERIOR WALLS
T18 TRUSS ABOVE
3½ x16 Microllam TEB
6' SLIDING EXT DOOR
3052 TWIN COL.
3052 COL.
2830 OBS
16X7 SQL
6068 CASED
3068 CASED
64'-0"
52'-0"
33'-7½"
18'-0"
12'-4½"
23'-4½"
14'-0½"
10'-0"
19'-4"
12'-0"



Typical Edge Detail



Alternate Edge Detail



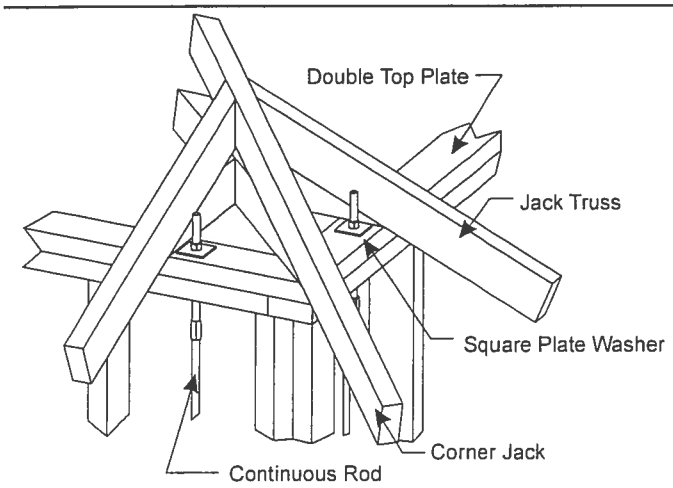
One Story Exterior Wall Detail

Specifications For Threaded Rod Assembly

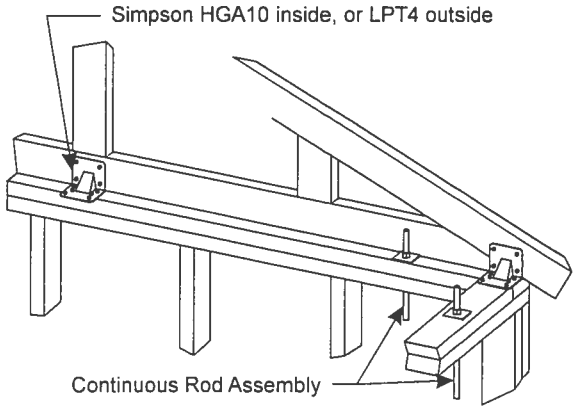
- *Install one rod per leg of each corner*
- *Install one rod at each end of headers over 48"*
- *Install one rod every 48" O.C. in exterior walls*
- *Install one rod every 48" O.C. in interior load bearing walls*
- *Install one rod at the end of each shearwall*

			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*

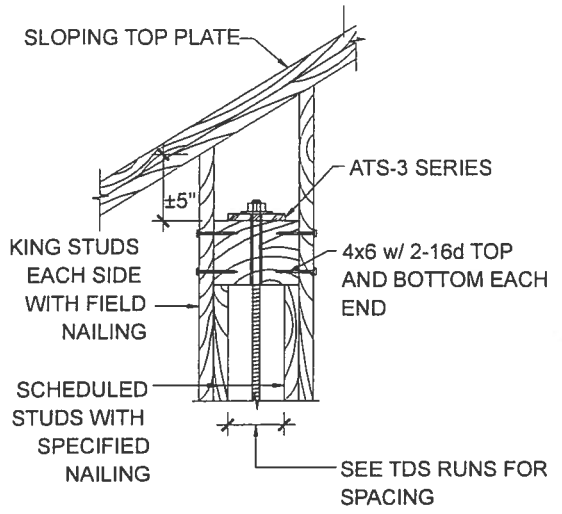


Typical Hip Tie-Down Exterior Corner Detail

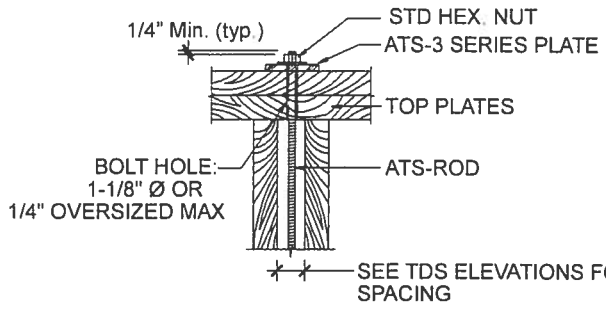


Typical Gable Tie-Down Wall Detail

Typical Threaded Rod Installation Details

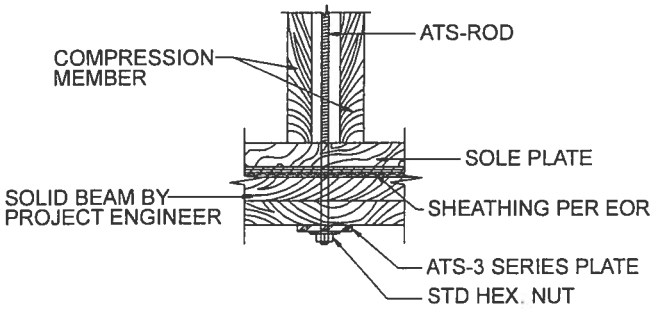


BEARING PLATE DETAIL AT RAKED WALL

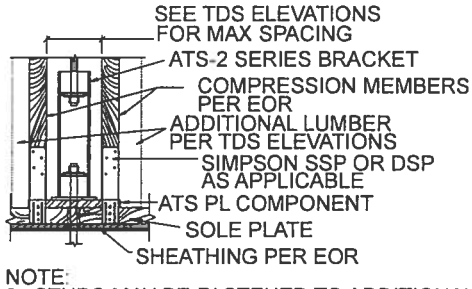


NO SPLICE IN TOP PLATES PERMITTED WITHIN 8-INCHES OF ATS-ROD.

TOP PLATE DETAIL

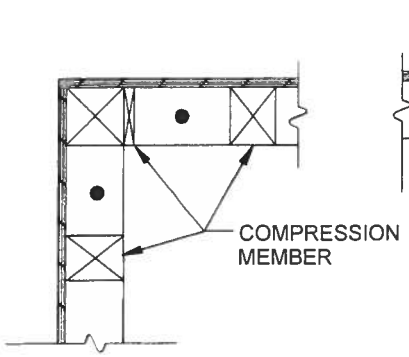


WOOD BEAM DETAIL

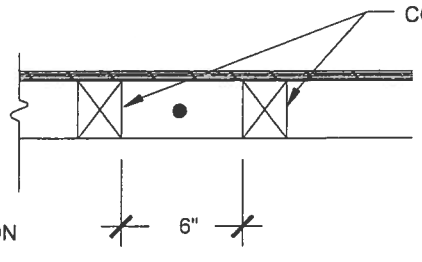


NOTE:
2x STUDS MAY BE FASTENED TO ADDITIONAL LUMBER WITH 10d COM. NAILS @ 12" OC IN LIEU OF SSP.

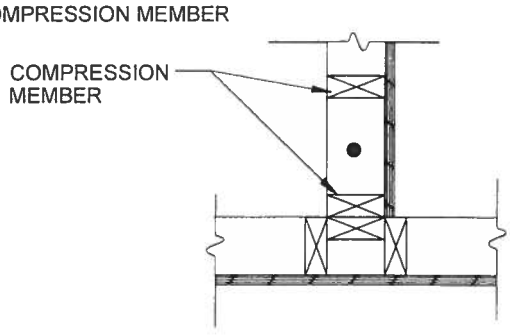
STUDS OVER ATS-PL PLATES



CORNER INSTALLATION



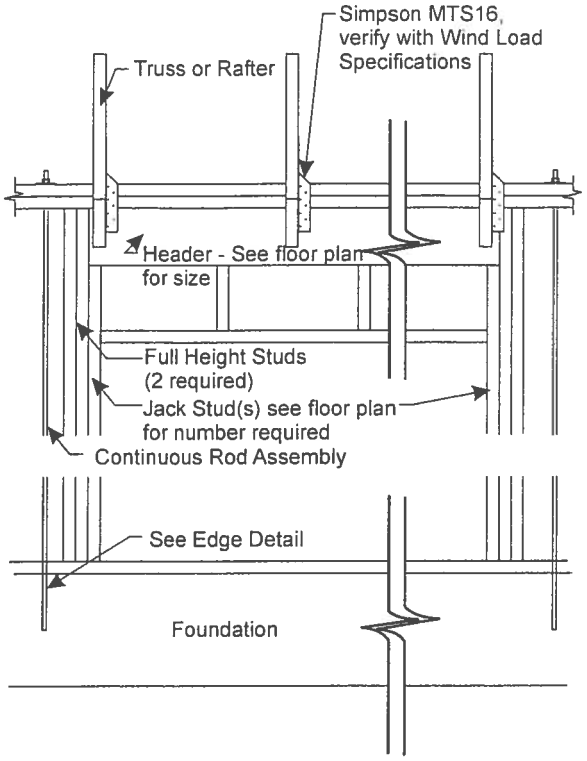
MID-WALL INSTALLATION



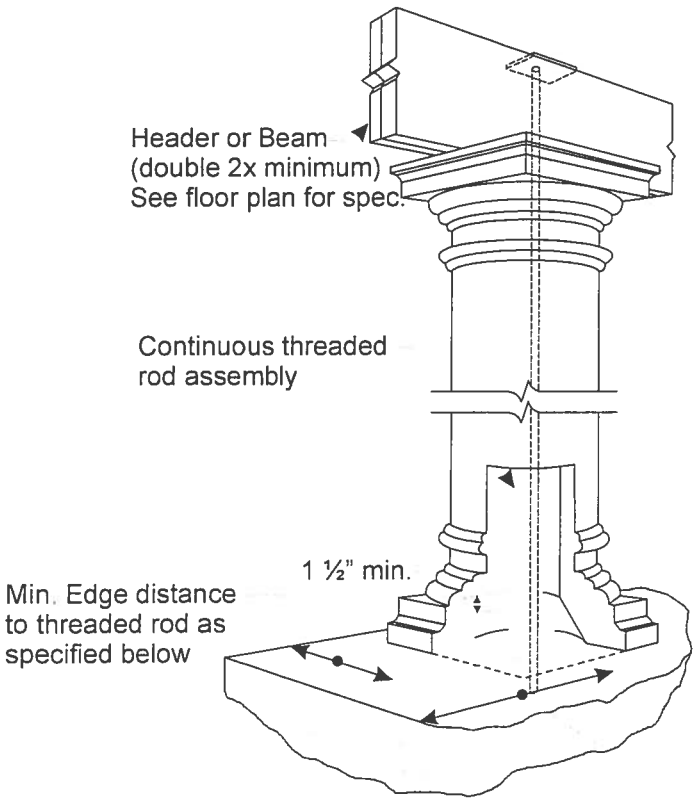
PERPENDICULAR TO WALL INSTALLATION

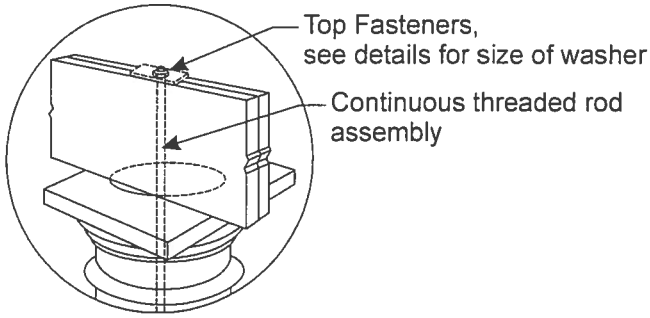
Typical Simpson Strong Tie ANCHOR TIEDOWN SYSTEM DETAILS

See manufacturer literature for additional information



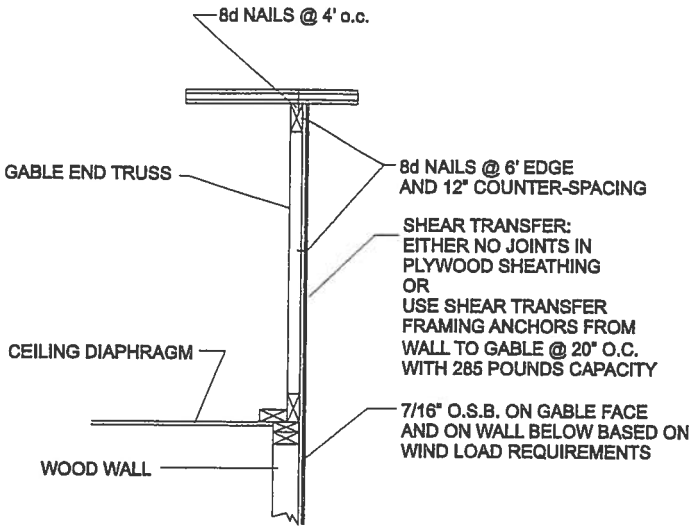
Typical Header Detail





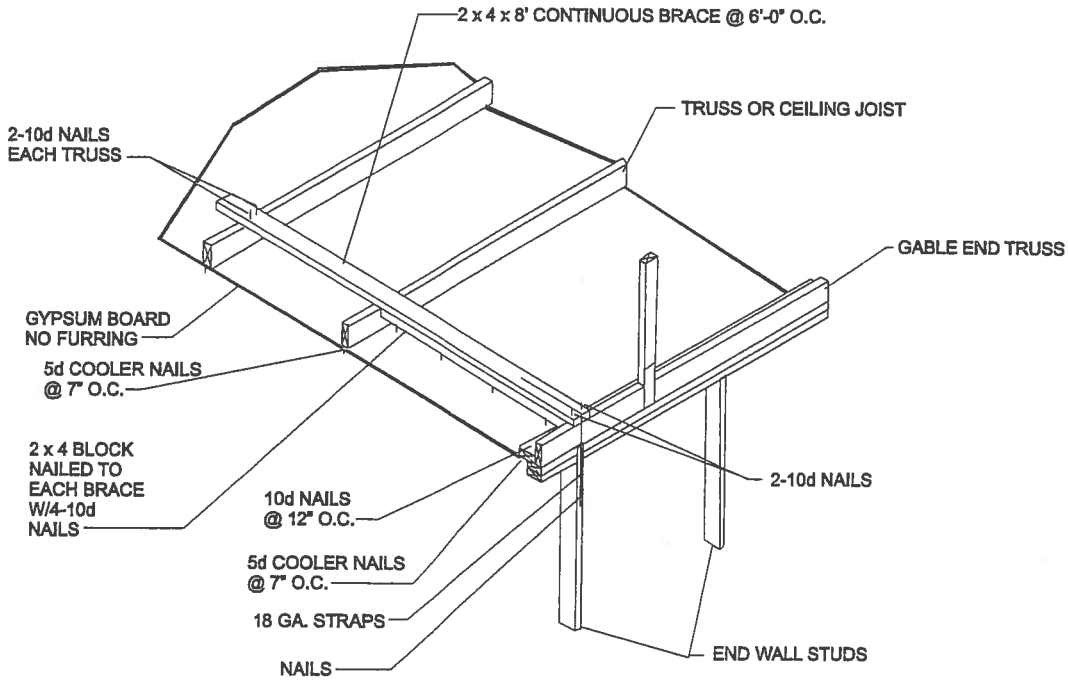
Notes:
1 - In cases where anchor rod is installed after foundation is poured, drill hole to depth noted in table below and use Simpson Epoxy-Tie.

Hollow Post Connection



GABLE END WALL, PLATFORM FRAMING

NTS



CEILING CONNECTION TO GABLE END WALL

NTS

GABLE DETAILS

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: 0607-06

Contractor: Penny Worth Homes Owner Nelson & Isabelle Perez

On the date of July 7, 2006 application 0607-06 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0607-06 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. A notice of commencement was submitted with the permit application Please have this document recorded (with the Columbia County Clerk Office) and filed with this department before any inspections can be preformed by the Columbia County Building Department.
2. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.
3. Please complete and submit the residential minimum plan requirements and checklist form for the Florida Residential Code 2004 (attached form)
4. Line 6, conditioned area square footage on form 600A-2004 of the Florida Energy Efficiency Code for Building Construction doesn't concur with the conditioned floor area on the submitted plans. The total conditioned areas on the plans are 2,194 (square feet). Line 6 currently reads that the conditioned floor area equals 2,134 (square feet). *Please resubmit the corrected form to reflect on line 6 the actual total conditioned area to this department.*
5. Please provide engineering foundations drawing which will provide comply with section R401.2 of the 2004 Florida Residential Code; Foundation construction shall be capable of accommodating all loads according to Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice. Also show the method of attachment of the ½" threaded rods to the foundation

6. Please submit engineering drawing, which will show the attachment and size of the header beams that span the covered porch and garage door opening. Also show the method of attachment of these beam to the shear walls and all supporting post, and the anchoring method of the post to the foundation.

7. Provide the information needed to show compliance with the2004 Florida Residential Code section R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors. Also show compliance with sections 309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side.

8. Please indicate that one window in each bedroom will serve as a emergency escape and rescue openings, as required by the 2004 Florida Residential Code section R310.1.1, Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m2): R310.1.2 Minimum opening height. The minimum net clear opening height shall be 24 inches (610 mm): R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

9. Please indicate on the plans which bathroom will be constructed to comply with sections R322.1.1 of the 2004 Florida Residential Code. All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

10. Provide the required information to show product approval specification for products which will be exposed to wind shear as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 **(see attach forms).**

11. The electrical plan shows the location of the electrical panel, Please indicate on the electrical plan the amperage rating of this panel an that an overcurrent protection device will be installed on the exterior of structures to serve as a disconnecting means for this panel . Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Joe Haltiwanger

Joe Haltiwanger

Plan Examiner
Columbia County Building Department

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Plan Review
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Plan Examiner
Columbia County Building Department

Sound Structures Engineering, Inc.

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

(jurisdiction), **Activity #** 05S-788

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: Perez Residence, SW Pine Ridge Ct.
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: 16.3 ft
Species for Top Plate: ☑ SPF or ☐ SYP
End Zone Length: 6.4 ft
Roof Slope: 6 : 12

Stud Species: ☑ SPF or ☐ SYP
Max. Stud Ht. (excluding gable end): 8'
Stud Spacing: 16"
Max. Overhang Length (excluding porches): 12 "

HURRICANE CLIPS (HC)

Brand:	Truss Span or Location	Model # @ End Zone	Model # @ Interior Zone
Simpson Strong-Tie	s T02, T03, T04, T05, T06, T07, T08, T09, T1	2 - H2.5A	2 - H2.5A
	Trusses T10	2 - H10	2 - H10
	Trusses T01, T21, T23	2 - HTS20	2 - HTS20
	Trusses T18	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	3" x 3" x 1/4"	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

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

See Attached Sheets
Wind Analysis Only

6/30/2006

JOB ADDRESS: Perez Residence, SW Pine Ridge Ct.

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% of 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	7.0	122.7	2087.4	859.2	41.2	Exterior
2	9.7	121.6	2882.6	1175.5	40.8	Exterior
3	21.7	120.5	6461.0	2610.0	40.4	Exterior
4	6.0	120.0	1789.2	719.8	40.2	Exterior
5	12.0	121.7	3578.4	1460.0	40.8	Exterior
6	14.7	123.4	4373.6	1809.5	41.4	Exterior
			Transverse Walls			
7	26.0	120.1	7753.2	3122.4	40.3	Exterior
8	8.0	113.9	2385.6	911.2	38.2	Exterior
9	12.0	113.0	3578.4	1355.8	37.9	Exterior
10	7.0	110.2	2087.4	771.6	37.0	Exterior
11	4.0	114.2	1192.8	457.0	38.3	Exterior
12	36.3	118.5	10834.6	4305.1	39.7	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.

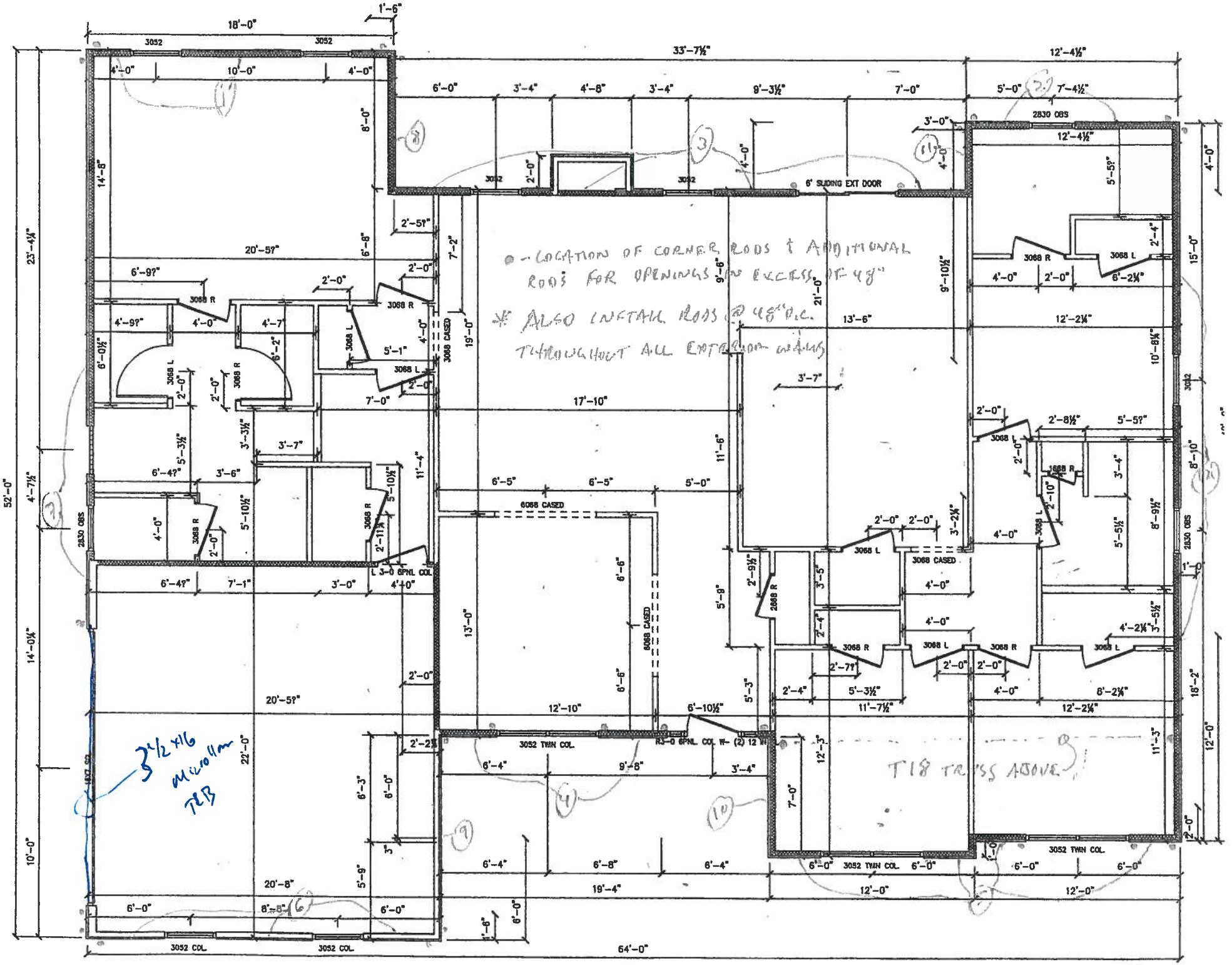
5 Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on page 1.

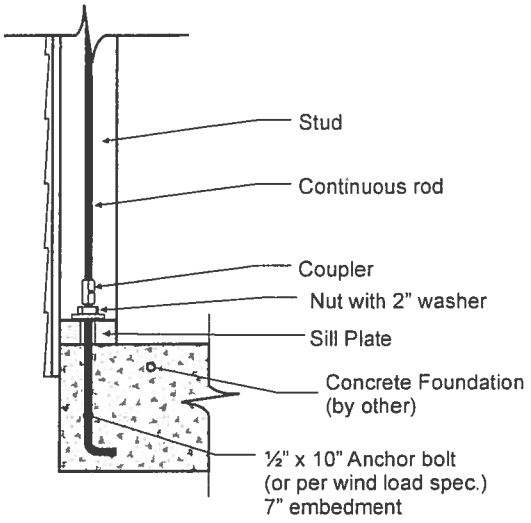
6 Bearing wall and shear wall door and window headers are to be 2-2 x 10 SYP with 1/2" CDX fletch for lengths under 6 ft unless otherwise specified on plans..

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.

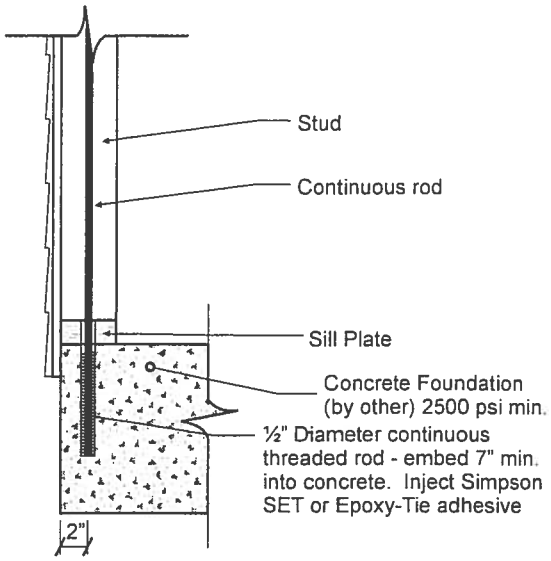
8 Simpson Strong Tie model #HD5A hold downs are acceptable alternatives to the specified PHD2-SPS3.

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.

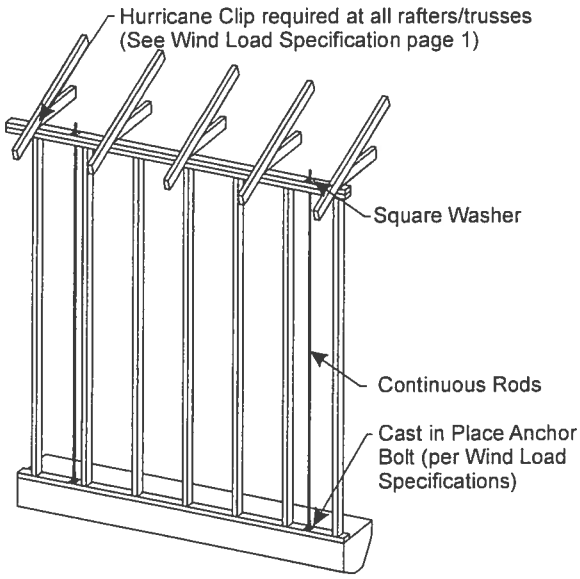

64'-0"
52'-0"
64'-0"
3052 COL.
3052 COL.
3052 TWIN COL.
3052 TWIN COL.
3052 TWIN COL.
6' SLIDING EXT DOOR
2830 OBS
6068 CASED
L 3-0 6PNL COL
R3-0 6PNL COL W- (2) 12 W
5 1/2 X16 MICRO LAM TLB
T18 TRUSS ABOVE
• - LOCATION OF CORNER RODS & ADDITIONAL RODS FOR OPENINGS IN EXCESS OF 4'
* ALSO INSTALL RODS @ 48" O.C. THROUGHOUT ALL EXTERIOR WALLS



Typical Edge Detail



Alternate Edge Detail

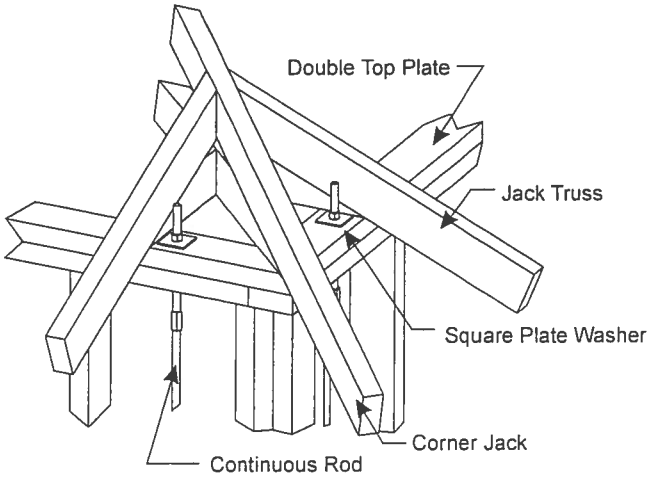


One Story Exterior Wall Detail

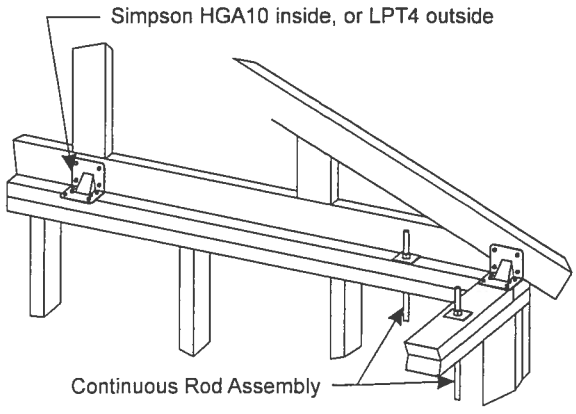
Specifications For Threaded Rod Assembly
- *Install one rod per leg of each corner*
- *Install one rod at each end of headers over 48"*
- *Install one rod every 48" O.C. in exterior walls*
- *Install one rod every 48" O.C. in interior load bearing walls*
- *Install one rod at the end of each shearwall*

			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*

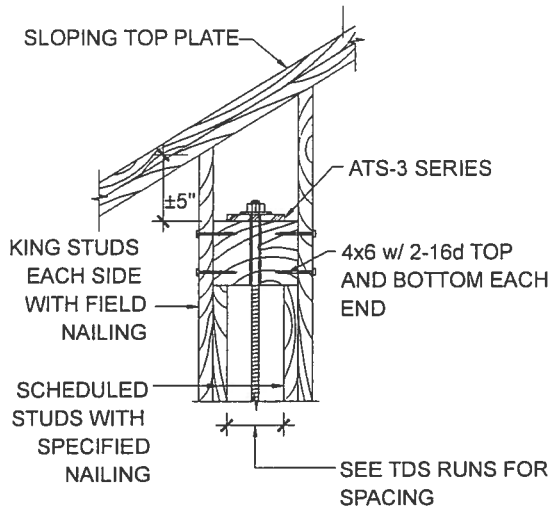


Typical Hip Tie-Down Exterior Corner Detail

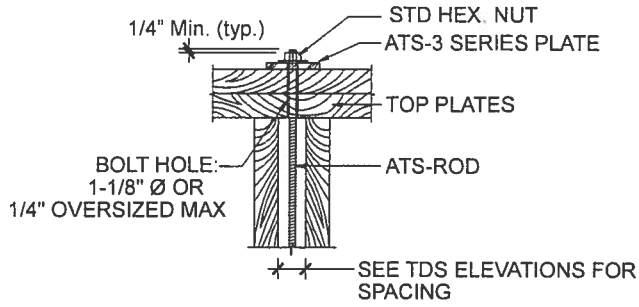


Typical Gable Tie-Down Wall Detail

Typical Threaded Rod Installation Details

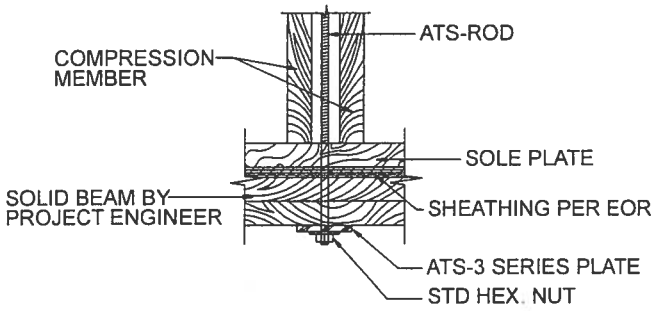


BEARING PLATE DETAIL AT RAKED WALL

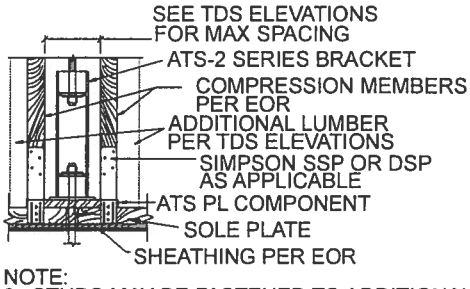


NO SPLICE IN TOP PLATES PERMITTED WITHIN 8-INCHES OF ATS-ROD.

TOP PLATE DETAIL

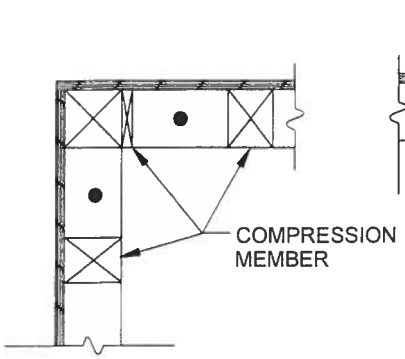


WOOD BEAM DETAIL

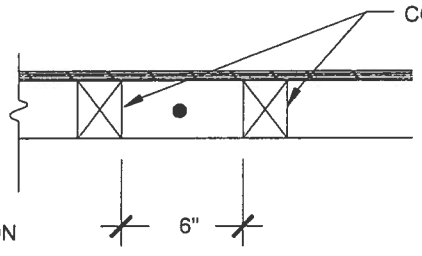


NOTE:
2x STUDS MAY BE FASTENED TO ADDITIONAL LUMBER WITH 10d COM. NAILS @ 12" OC IN LIEU OF SSP.

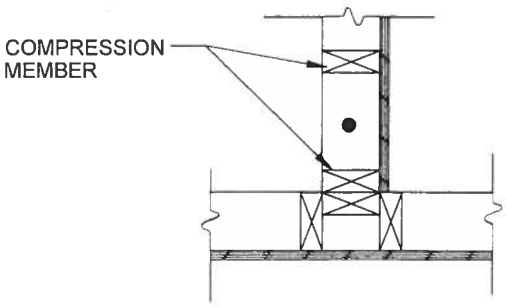
STUDS OVER ATS-PL PLATES



CORNER INSTALLATION



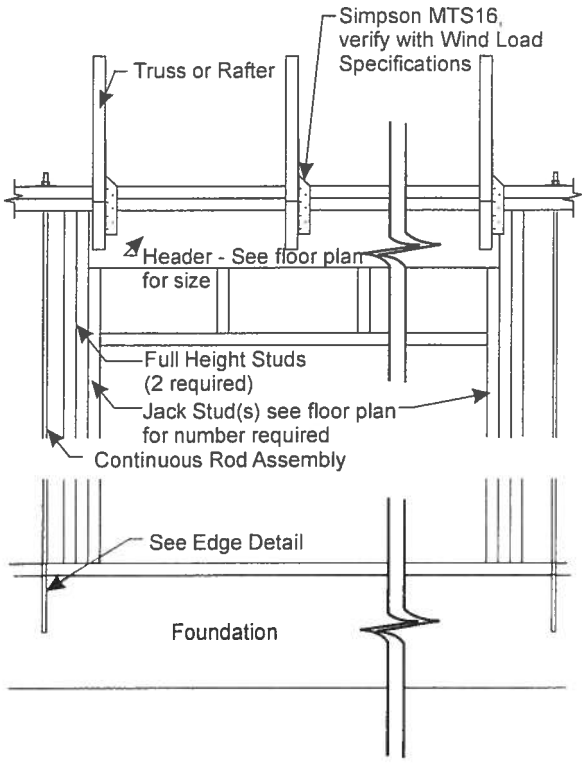
MID-WALL INSTALLATION



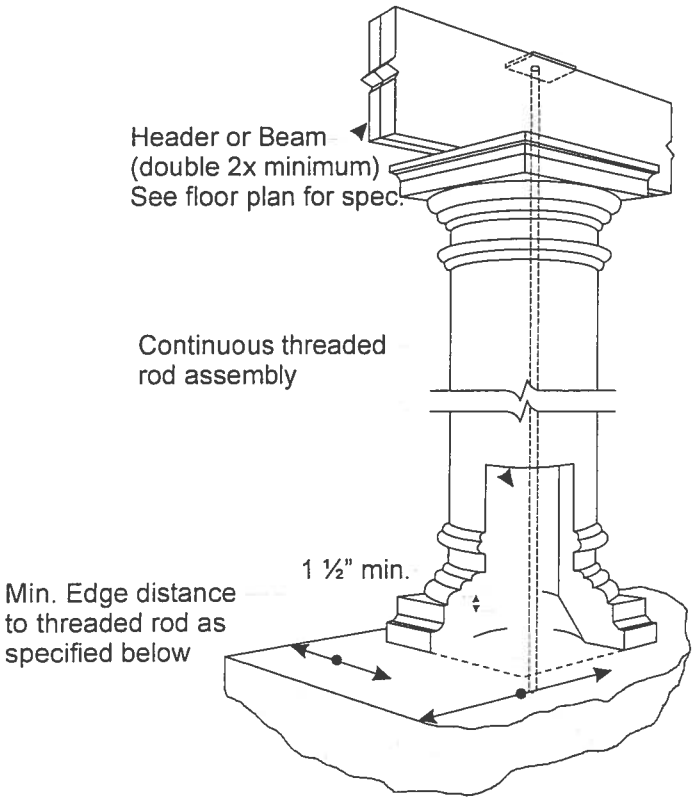
PERPENDICULAR TO WALL INSTALLATION

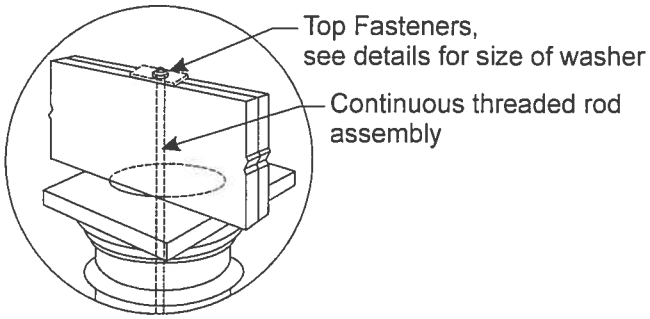
Typical Simpson Strong Tie ANCHOR TIEDOWN SYSTEM DETAILS

See manufacturer literature for additional information



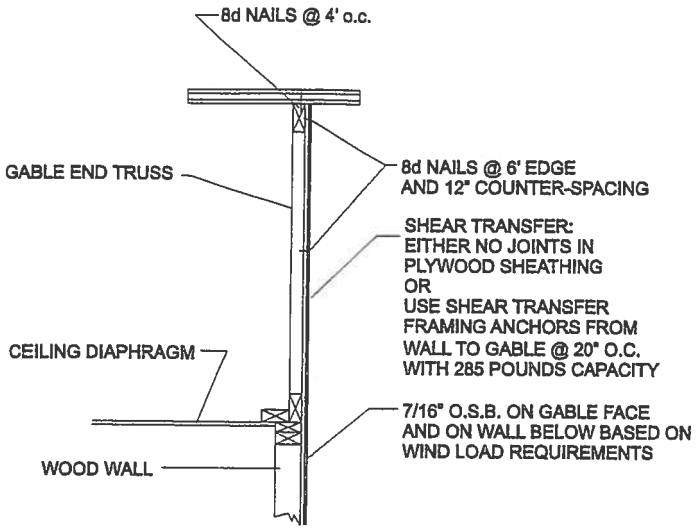
Typical Header Detail





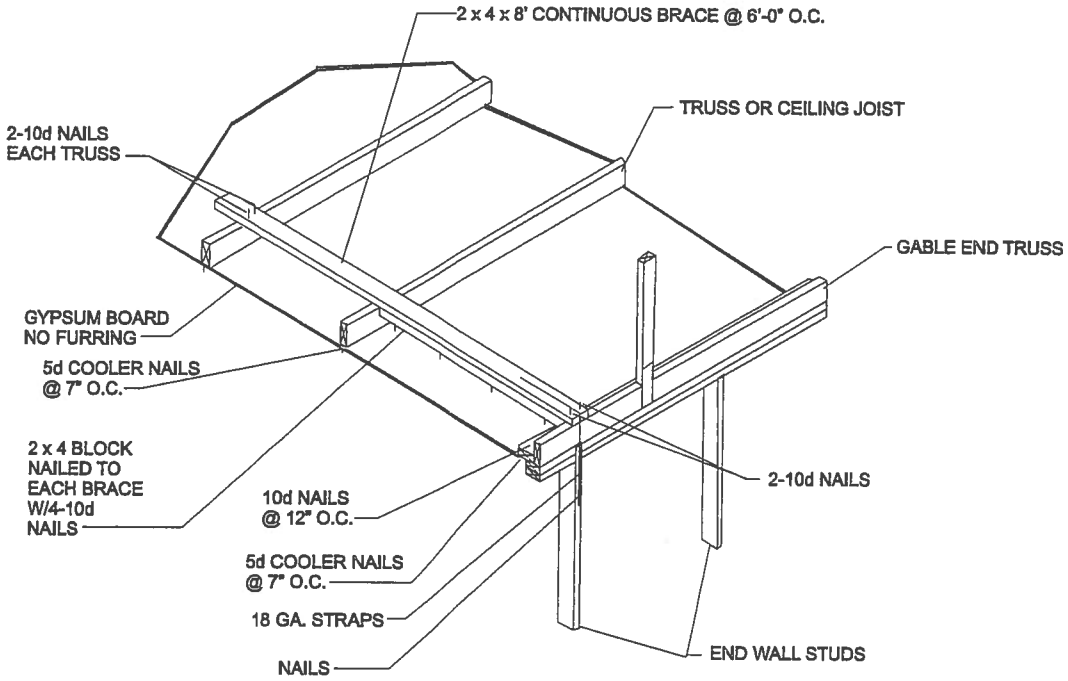
Notes:
1 - In cases where anchor rod is installed after foundation is poured, drill hole to depth noted in table below and use Simpson Epoxy-Tie.

Hollow Post Connection



GABLE END WALL, PLATFORM FRAMING

NTS



CEILING CONNECTION TO GABLE END WALL

NTS

GABLE DETAILS

Sound Structures Engineering, Inc.

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

(jurisdiction), **Activity #** 05S-788

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:	Perez Residence, SW Pine Ridge Ct.	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:	16.3 ft	Stud Species:	☑ SPF or ☐ SYP
Species for Top Plate:	☑ SPF or ☐ SYP	Max. Stud Ht. (excluding gable end):	8'
End Zone Length:	6.4 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	s T02, T03, T04, T05, T06, T07, T08, T09, T1	2 - H2.5A	2 - H2.5A
	Trusses T10	2 - H10	2 - H10
	Trusses T01, T21, T23	2 - HTS20	2 - HTS20
	Trusses T18	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	NAILING PATTERN:	Edges (perimeter)	Field
8d		6" o.c.	12" o.c.

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

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

THREADED RODS

			Top	Bottom
Diameter	1/2"	Spacing 1st FLR	48" o.c.	48" o.c.
Washer	3" x 3" x 1/4"	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: Perez Residence, SW Pine Ridge Ct.

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	7.0	122.7	2087.4	859.2	41.2	Exterior
2	9.7	121.6	2882.6	1175.5	40.8	Exterior
3	21.7	120.5	6461.0	2610.0	40.4	Exterior
4	6.0	120.0	1789.2	719.8	40.2	Exterior
5	12.0	121.7	3578.4	1460.0	40.8	Exterior
6	14.7	123.4	4373.6	1809.5	41.4	Exterior
			Transverse Walls			
7	26.0	120.1	7753.2	3122.4	40.3	Exterior
8	8.0	113.9	2385.6	911.2	38.2	Exterior
9	12.0	113.0	3578.4	1355.8	37.9	Exterior
10	7.0	110.2	2087.4	771.6	37.0	Exterior
11	4.0	114.2	1192.8	457.0	38.3	Exterior
12	36.3	118.5	10834.6	4305.1	39.7	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.

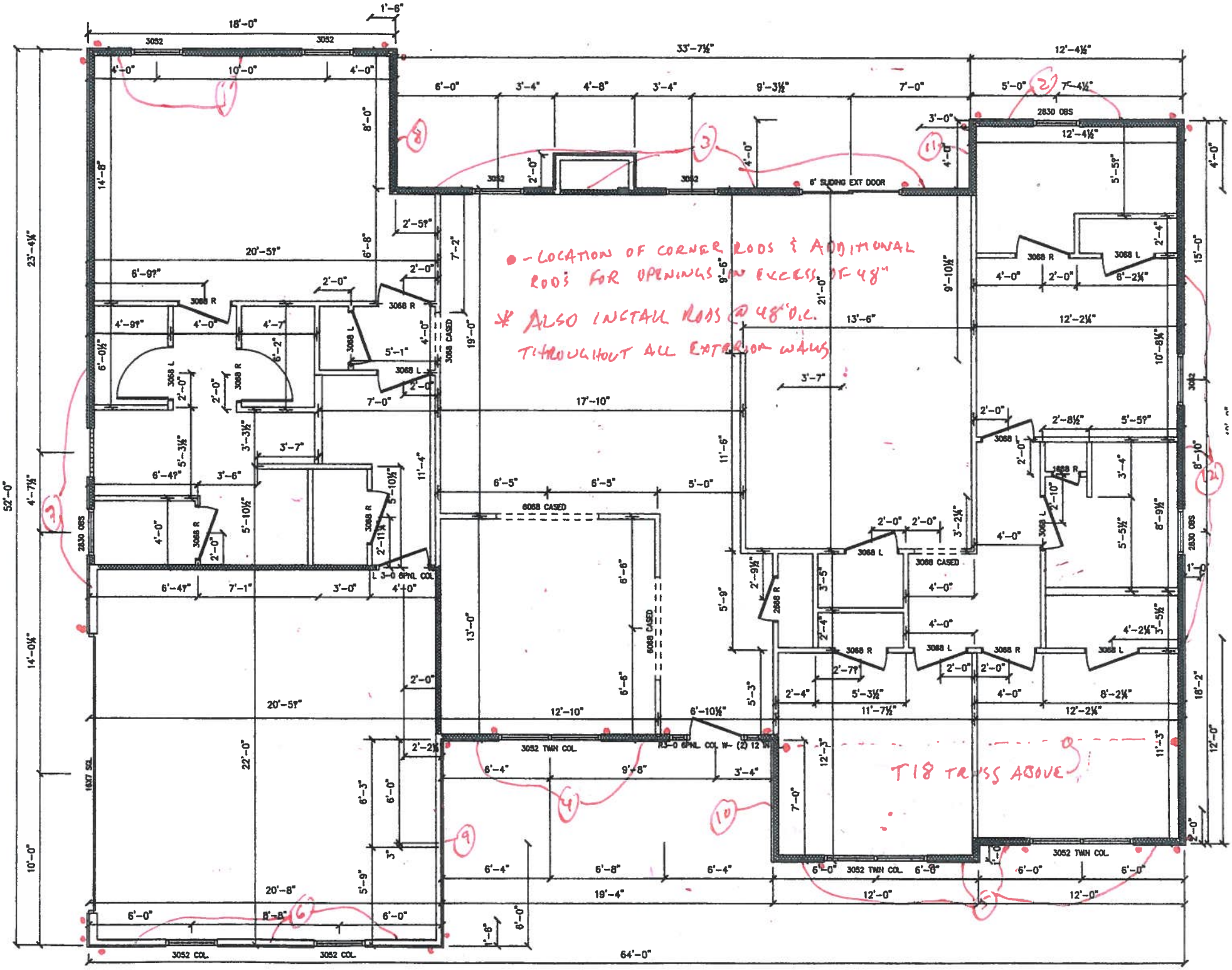
5 Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on page 1.

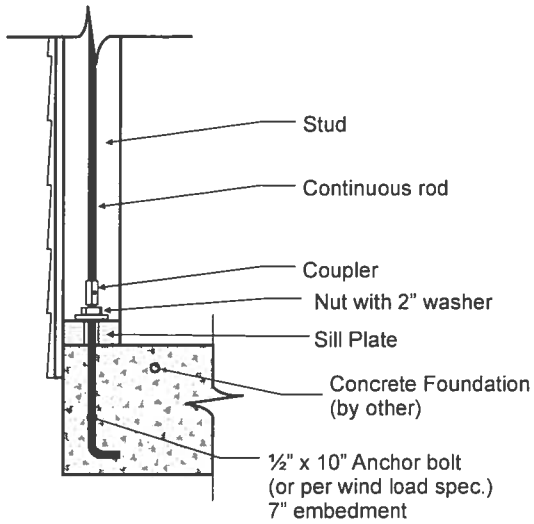
6 Bearing wall and shear wall door and window headers are to be 2-2 x 10 SYP with 1/2" CDX fletch for lengths under 6 ft unless otherwise specified on plans..

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.

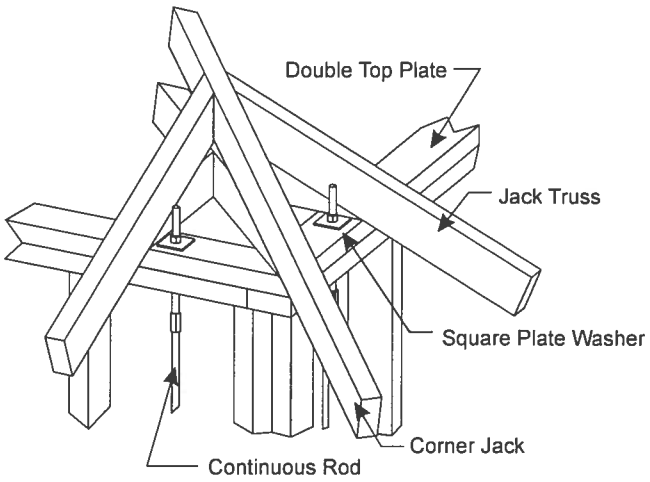
8 Simpson Strong Tie model #HD5A hold downs are acceptable alternatives to the specified PHD2-SPS3.

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.

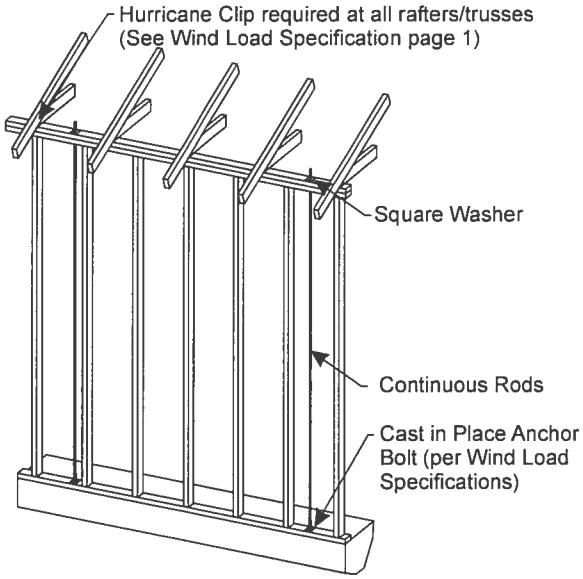

● - LOCATION OF CORNER RODS & ADDITIONAL RODS FOR OPENINGS IN EXCESS OF 48"
* ALSO INSTALL RODS @ 48" O.C. THROUGHOUT ALL EXTERIOR WALLS
T18 TRUSS ABOVE
6' SLIDING EXT DOOR
64'-0"



Typical Edge Detail



Typical Hip Tie-Down
Exterior Corner Detail

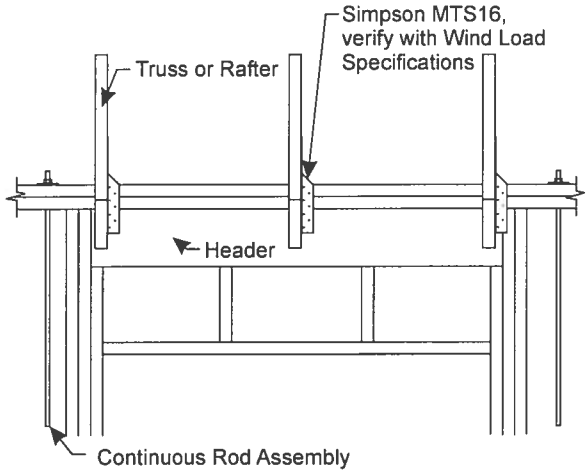


One Story Exterior Wall Detail

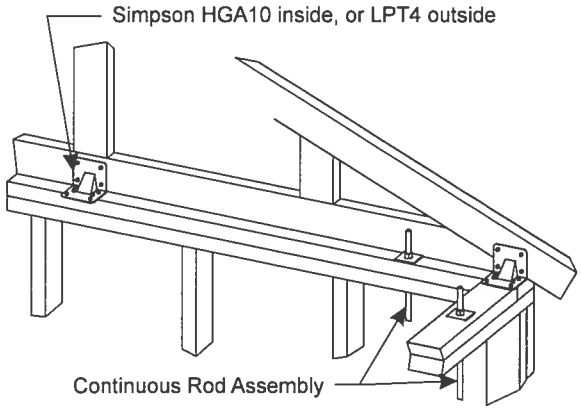
Specifications For Threaded Rod Assembly
- *Install one rod per leg of each corner*
- *Install one rod at each end of headers over 48"*
- *Install one rod every 48" O.C. in exterior walls*
- *Install one rod every 48" O.C. in interior load bearing walls*
- *Install one rod at the end of each shearwall*

			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*

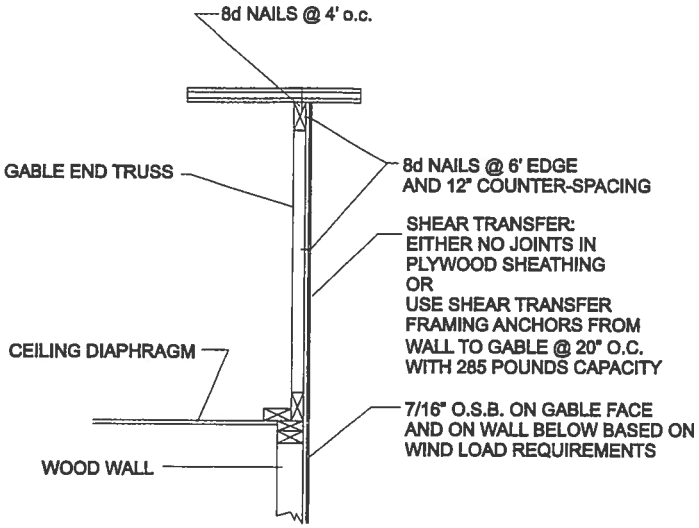


Typical Header Detail



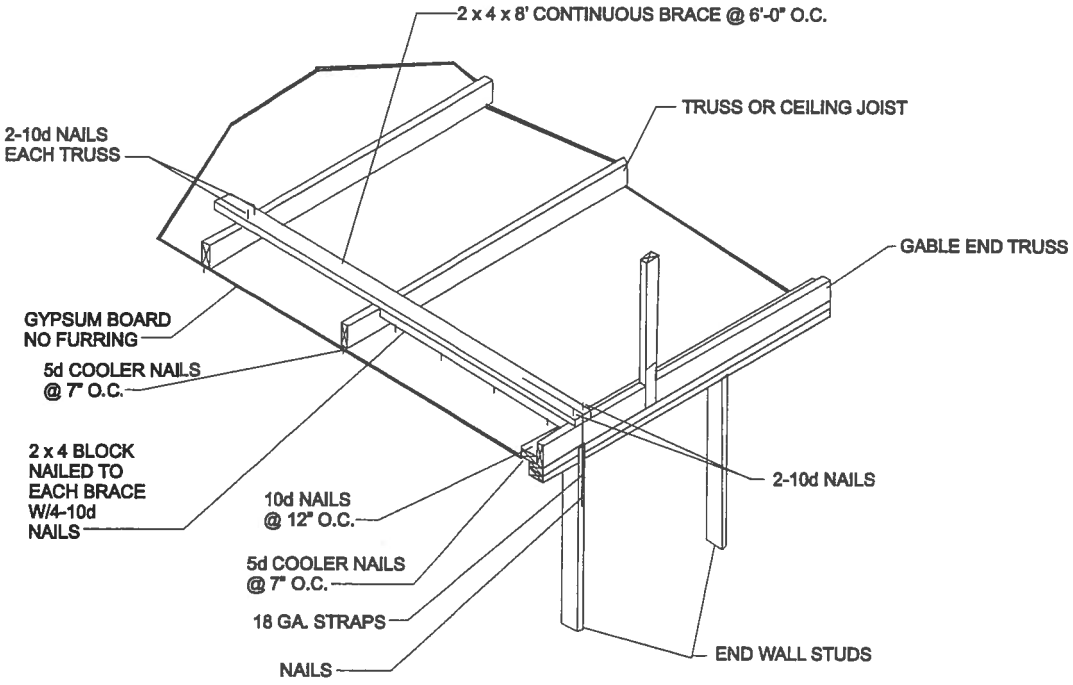
Typical Gable Tie-Down Wall Detail

Typical Threaded Rod Installation Details



GABLE END WALL, PLATFORM FRAMING

NTS



CEILING CONNECTION TO GABLE END WALL

NTS

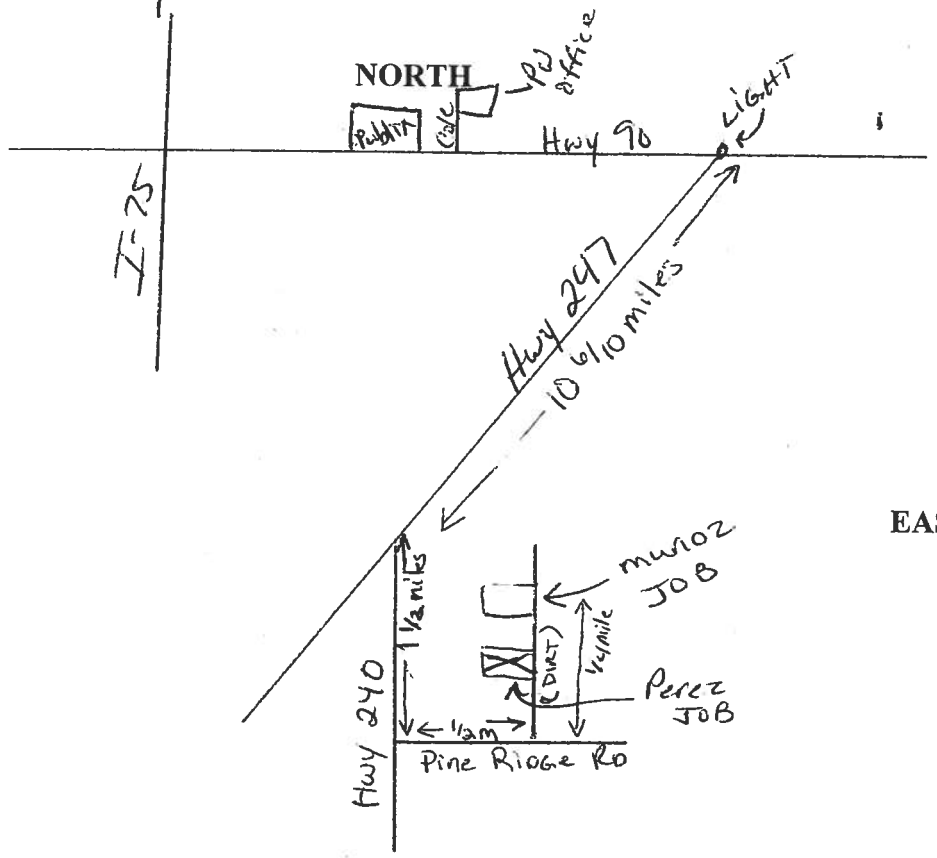
GABLE DETAILS

PENNYWORTH HOMES, INC

DIRECTIONS TO JOB SITE OF: Perez, Nelson & Isabelle

JOB # 06-04-0056 **ADDRESS:** TBD, Lake City, FL

MODEL: Monticello **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.

From Pennyworth office go left on Hwy 90 to first light and turn right on Hwy 247. Go 10 6/10 miles and turn left on Hwy 240. Go 1 1/2 miles and turn left on Pine Ridge Rd. Go 1/2 mile and turn left on dirt drive. Go 2/10 mile to job on left.

4-6-05

NOTE: Pennyworth is building 2 houses on this drive so be sure you have the correct one!!

D/O @ BLDG DEPT

CAL-TECH TESTING, INC.
ENGINEERING & TESTING LABORATORY
P.O. Box 1625, Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5, Jacksonville, FL 32257

Lake City • (904) 755-3633
Fax • (904) 752-5456
Jacksonville • (904) 262-4046
Fax • (904) 262-4047

JOB NO.: 06-589
DATE TESTED: 10-17-06

REPORT OF IN-PLACE DENSITY TEST # 24805

ASTM METHOD: ✓ (D-2922) Nuclear ___ (D-2937) Drive Cylinder ___ Sandcone

PROJECT: Perez Residence
CLIENT: Pennywerth Homes

GENERAL CONTRACTOR: S.A.C.
EARTHWORK CONTRACTOR: S.A.C.

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

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓
STANDARD (ASTM D-698): ___

TEST NO.	TEST LOCATION	TEST: ___ DEPTH ___ ELEV. ___ LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT	DRY DENS. LBS.CU.FT	MOIST. PERCENT	% MAX. DENS.
1	N.W. Corner 10'E 15'S	12"	Pit	107.3	104.6	2.6	97.7
2	Approx. Center of House Pad	12"		107.1	104.9	2.1	97.9
3	N.E. Corner 15'S. 10'W	12"		108.0	105.7	2.1	98.7
4	S.E. Corner 12'W. 12'N.	12"		108.8	106.4	2.3	99.4
5	S.W. Corner 15'N. 15'E.	12"		109.3	106.8	2.3	99.7
	Unofficial without Engineer signature						
	Permit # 24805						

REMARKS: ___

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
Pit	Richardson's Site Prep (Light Tan Sand)	107.1	10.8

HOMETEAM
PEST DEFENSE

Permit # 00002 4805

Homeowners: Perera, Nelson & Isabelle.

276 S.W. Maria Marie Glen
Lake City, FL. 32024

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)

10-13-06
Date

BORA-CARE Termiticide (Wood Treatment)
Product Used

Disodium Octaborate Tetrahydrate
Chemical used (active ingredient)

23% Active Ingredient
Percent Concentration

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

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

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

HOMETEAM PEST DEFENSE®

TREATMENT WORKORDER

24805

☐ Termite Baiting System w/Tubes-under-the slab

☐ Treat Only ☐ Tubes-under-the slab and Treat ☒ Bora-Care

DATE CALLED IN:	1/3	DATE OF SCHEDULE:	1/4/07
TIME CALLED IN:		TIME SCHEDULE:	

JOB NAME: PENNYWORTH SUBDIVISION:

JOB ADDRESS: 364 SW PINE RIDGE CT

Lake City

BILLING NAME: BILLING PHONE:

BILLING ADDRESS:

CALLED IN BY: PHONE: PERMIT NUMBER:

LOT & MODEL NUMBER: _____

DATE & TIME COMPLETED: 1-4-07

SQUARE FOOT: _____ LINEAR FOOT: _____ BLOCKVOIDS: _____

SLAB TYPE: _____ TYPE OF FILL: _____

APPROX. DEPTH OF FOOTING: Outside: _____ Inside: _____

☐ Addition ☐ Spot Treat ☐ Pool Addition ☐ Driveway

☒ Final/Completion ☐ Other _____

PESTICIDE USED: BORACARE TOTAL APPLIED: 2 gallons

PERCENT (%) USED: 23% STICKER POSTED: YES/NO

PRICE PER SQ. FT. =	TOTAL FOR P.T.		
	ADDITIONAL		
	TAX:		
/ /	TOTAL AMOUNT	$	

X _____ X TECHNICIAN: _____

I hereby acknowledge the satisfactory completion of the above described work.

GT 23 / TCI 12/05

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 12-5S-16-00447-223 **Building permit No.** 000024805

Use Classification SFD/UTILITY **Fire:** 39.06

Permit Holder PENNYWORTH HOMES/EBE WALTER **Waste:** 117.25

Owner of Building NELSON & ISABELLE PEREZ **Total:** 156.31

Location: 276 SW MARIA MARIE GLEN, LAKE CITY, FL

Date: 03/30/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)