

DATE 05/18/2005

Columbia County Building Permit


This Permit Expires One Year From the Date of Issue

PERMIT

000023166

APPLICANT GARY MARTIN PHONE 386-984-6868
ADDRESS PO BOX 3178 LAKE CITY FL 32056
OWNER MARTIN HOME BUILDERS PHONE 397-4534
ADDRESS 115 SW NIGHTSHADE DR LAKE CITY FL 32024
CONTRACTOR BEN MARTIN PHONE 397-4534
LOCATION OF PROPERTY 47 S, L WESTER RD, L INTO WESTERWOODS S/D, R NIGHTSHADE,
2ND HOUSE ON THE RIGHT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 92200.00
HEATED FLOOR AREA 1844.00 TOTAL AREA 2493.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING RSF-1 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 30-4S-17-08898-102 SUBDIVISION WESTERWOODS
LOT 2 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 1.00

000000655 N CBC059077 
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 05-0513-N BK N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE, FLOOR 1 FOOT ABOVE THE ROAD

Check # or Cash 1879

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 465.00 CERTIFICATION FEE \$ 12.47 SURCHARGE FEE \$ 12.47
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 564.94

INSPECTORS OFFICE  CLERKS OFFICE 

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0505-02 Date Received 5/2/05 By G Permit # 1871 105/23166
Application Approved by - Zoning Official RLK Date 12.05.05 Plans Examiner OK EH Date 5-6-05
Flood Zone Xprph Development Permit N/A Zoning RSF-1 Land Use Plan Map Category RES.U-2. Dev.
Comments NEEDS TO change Owners Name to same as Deed Martin Home Builders
EH

Applicants Name Gary Martin Phone 386-984-6868
Address PO BOX 3178 LAKE CITY FL 32056
Owners Name Ben Martin Martin Home Builders Phone 386-397-4524
911 Address 115 SW NIGHTSHADE DR (LAKE CITY, FL 32024)
Contractors Name BEN MARTIN Phone 386-397-4524
Address PO BOX 1831 LAKE CITY FL 32056
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Mark Disosway P.E. PO BOX 868 LAKE CITY FL
Mortgage Lenders Name & Address _____
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 30-45-17-08898-102 Estimated Cost of Construction 80,000
Subdivision Name Wester Woods Lot 2 Block _____ Unit _____ Phase _____
Driving Directions South on 47 under interstate 75 about a mile past 75 take a left on Wester Rd. then take a left into Wester Woods subdivision, take a right where it turns second house on right
Type of Construction wood / concrete SFD NIGHTSHADE Number of Existing Dwellings on Property 0
Total Acreage APX 1.00 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 65 Side 45.50 Side 40.55 Rear 110
Total Building Height 18' Number of Stories 1 Heated Floor Area 1861 Roof Pitch 7/12

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT 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.

Ben Martin
Owner Builder or Agent (including Contractor)
STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20____.
Personally known _____ or Produced Identification _____

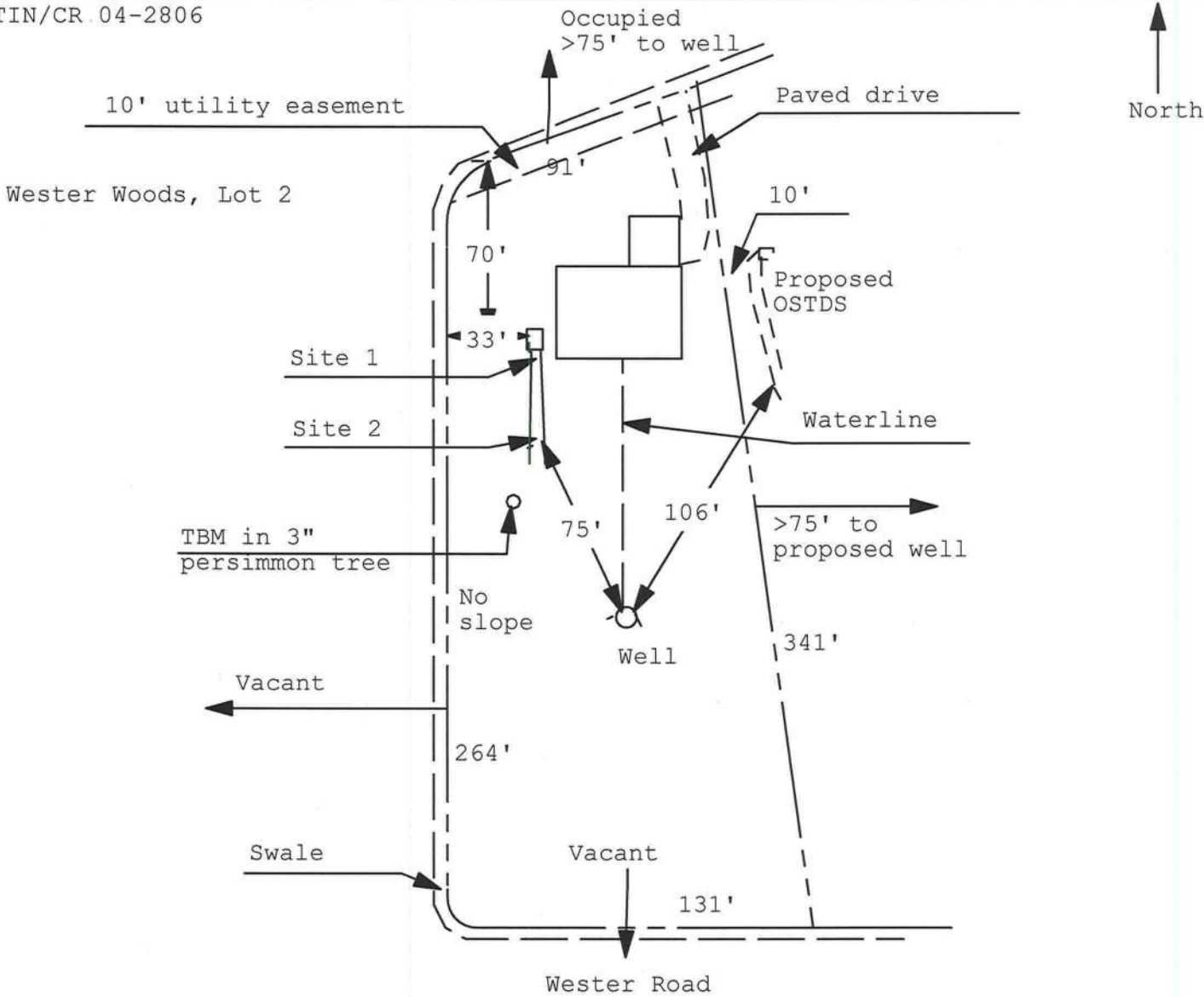


Ben Martin
Contractor Signature
Contractors License Number CBC059077
Competency Card Number _____
NOTARY STAMP/SEAL
Elizabeth Carver
Notary Signature

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 050513N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

MARTIN/CR 04-2806



1 inch = 65 feet

Site Plan Submitted By Paul L. [Signature] Date 5/19/05
 Plan Approved ☒ Not Approved ☐ Date 5-17-05

By [Signature] Columbin CPHU

Notes: _____

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 05-263
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Property Appraiser's
Identification Number R08898-102 & R08898-103

WARRANTY DEED

This Warranty Deed, made this 19th day of April, 2005, BETWEEN PAUL BRYAN, whose post office address is 1731 SW Koonville Ave., Lake City, FL 32024, of the County of Columbia, State of Florida, grantor*, and MARTIN HOME BUILDERS, INC., A Florida Corporation, whose post office address is Post Office Box 1831, Lake City, FL 32056, of the County of Columbia, State of Florida, grantee*.

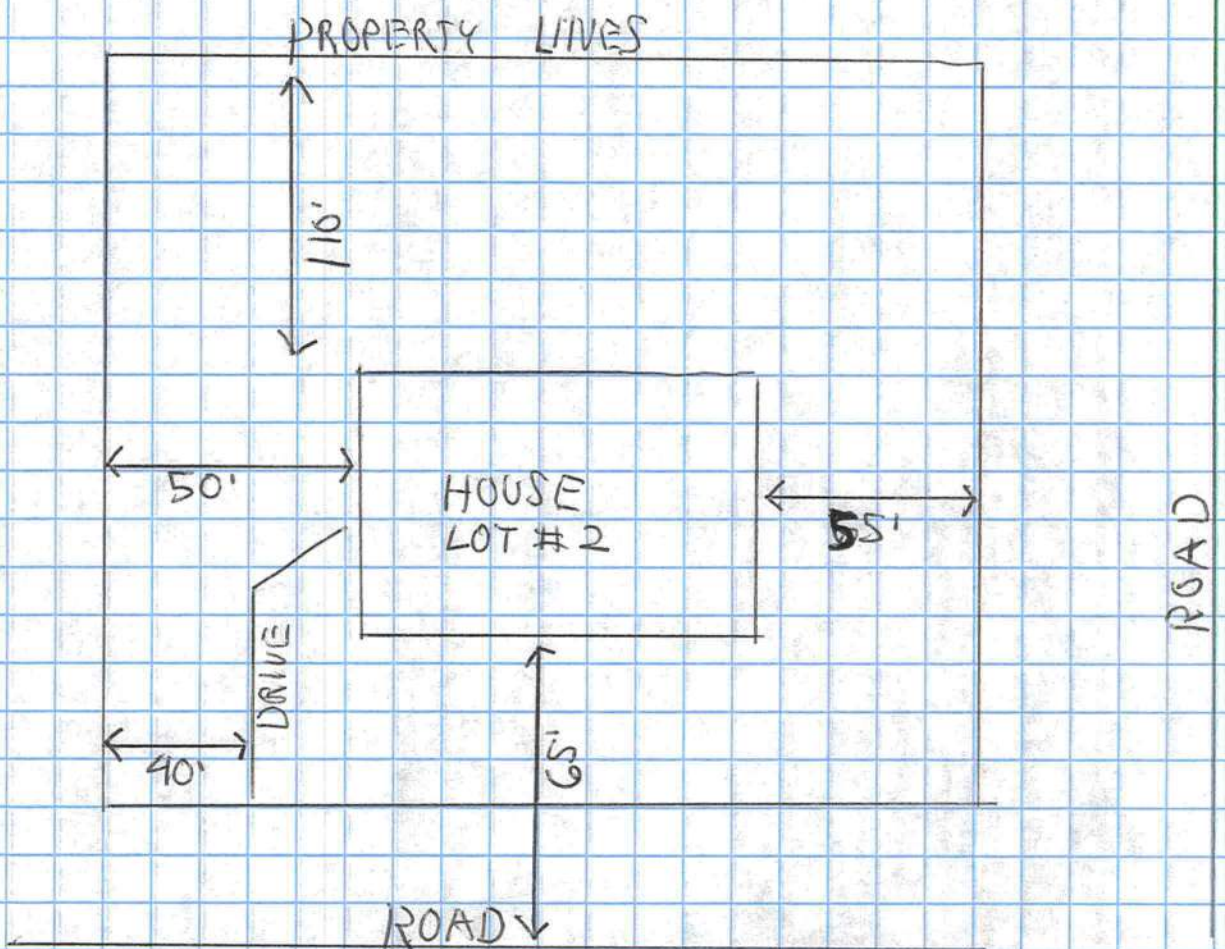
(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseeth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lots 2 and 3, WESTER WOODS, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 36 and 37 of the public records of Columbia County, Florida.

↑
South

APRX MEASUREMENTS



LYNCH WELL DRILLING, INC.

RT. 6 BOX 464
LAKE CITY, FL 32025
PHONE (386) 752-6677
FAX (386) 752-1477

RESIDENTIAL WATER WELL BUILDING PERMIT INFORMATIONBuilding Permit # _____ Owners Name Ben Martin

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 PVC _____ Steel XPump Installation: Submersible X Deep Well Jet _____ Shallow Well _____Pump Make Aermotor Pump Model # S20-100 Hp 1System Pressure (PSI) _____ On 30 Off 50 Avg. Pressure 50
(PSI)Pumping System GPM at average pressure and pumping level 20 (GPM)Tank Installation: Precharged (Baldder) X Atmospheric (Galvanized)Make Challenger Model PC244 Size 81Tank Draw-down per cycle at system pressure 25.1 Gallons

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

Lynch Well Drilling, Inc. Linda Newcomb
Signature Print Name

1274 or 2609
License Number

11/20/03
Date

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

OK JTH
5-6-05

Reference to: Build permit application Number: **0505-02 Martin Home Builders /
Wester Wood Subdivision Lot 2**

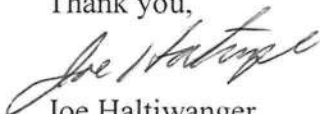
On the date of May 5, 2005 building permit application number 0505-02 for construction of a single family dwelling was reviewed. The following information is needed to continue processing this application. If you should have any question please contact me at the above address or phone number (386) 758-1163 or fax any information to (386) 754-7088 or 758 2160

X1. Provide an application or permit for an onsite sewage disposal system. With the application number or permit number by the Columbia County Environmental Health Department. For lot 2 of Wester Wood Subdivision.

5-6-05 ✓ 2. The side-yard setback distances locating the dwelling on lot 2 of Wester Wood Subdivision do not match the side-yard setback submitted on application 0505-02. Please correct this discrepancy.

This application has been forward to Mr. Brain Kepner of the Columbia County Zoning Department for his review.

Thank you,


Joe Haltiwanger
Plans Reviewer

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	504251LanillSpecHouse	Builder:	Ben Martin
Address:	Lot: 2, Sub: Wester Wood, Plat:	Permitting Office:	Columbia County
City, State:	Lake City, FL	Permit Number:	23166
Owner:	Spec House	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: 43.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.50
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1844 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 353.5 ft²	a. Electric Heat Pump	Cap: 43.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.80
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.94
a. Frame, Wood, Exterior	R=13.0, 1130.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 160.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1908.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 190.0 ft		
b. N/A			

Glass/Floor Area: 0.19

Total as-built points: 27259
Total base points: 27280

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	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.
PREPARED BY: Evan Beamsley	
DATE: 4/29/05	
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.	
OWNER/AGENT:	BUILDING OFFICIAL:
DATE:	DATE:

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1844.0	20.04	6651.7	Double, Clear	E	1.5	8.0	90.0	42.06	0.96	3625.0
				Double, Clear	S	18.2	9.5	10.0	35.87	0.45	162.6
				Double, Clear	E	8.5	8.0	60.0	42.06	0.50	1267.5
				Double, Clear	E	1.5	7.0	36.0	42.06	0.94	1420.9
				Double, Clear	S	1.5	7.0	36.0	35.87	0.89	1155.0
				Double, Clear	W	1.5	7.0	22.0	38.52	0.94	795.8
				Double, Clear	W	0.0	0.0	22.0	38.52	1.00	847.5
				Double, Clear	W	6.8	9.0	14.0	38.52	0.60	323.0
				Double, Clear	W	6.8	3.0	7.5	38.52	0.40	114.5
				Double, Clear	N	1.5	7.0	20.0	19.20	0.96	366.7
				Double, Clear	N	1.5	7.0	36.0	19.20	0.96	660.1
				As-Built Total:							353.5
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	160.0	0.70	112.0	Frame, Wood, Exterior	13.0		1130.0	1.50	1695.0		
Exterior	1130.0	1.70	1921.0	Frame, Wood, Adjacent	13.0		160.0	0.60	96.0		
Base Total: 1290.0 2033.0				As-Built Total:		1290.0		1791.0			
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			10.0	4.10	41.0		
Exterior	30.0	6.10	183.0	Exterior Insulated			20.0	4.10	82.0		
				Adjacent Insulated			20.0	1.60	32.0		
Base Total: 50.0 231.0				As-Built Total:		50.0		155.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1844.0	1.73	3190.1	Under Attic	30.0		1908.0	1.73 X 1.00	3300.8		
Base Total: 1844.0 3190.1				As-Built Total:		1908.0		3300.8			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	182.0(p)	-37.0	-6734.0	Slab-On-Grade Edge Insulation	0.0		182.0(p)	-41.20	-7498.4		
Raised	0.0	0.00	0.0								
Base Total: -6734.0				As-Built Total:		182.0		-7498.4			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
1844.0 10.21 18827.2				1844.0 10.21 18827.2				
Summer Base Points: 24199.0				Summer As-Built Points: 27314.3				
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
24199.0 0.4266 10323.3				27314.3 1.000 (1.090 x 1.147 x 1.00) 0.273 1.000 9324.1 27314.3 1.00 1.250 0.273 1.000 9324.1				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1844.0	12.74	4228.7	Double, Clear	E	1.5	8.0	90.0	18.79	1.02	1724.9
				Double, Clear	S	18.2	9.5	10.0	13.30	3.49	463.7
				Double, Clear	E	8.5	8.0	60.0	18.79	1.30	1469.0
				Double, Clear	E	1.5	7.0	36.0	18.79	1.03	694.5
				Double, Clear	S	1.5	7.0	36.0	13.30	1.07	514.1
				Double, Clear	W	1.5	7.0	22.0	20.73	1.02	463.5
				Double, Clear	W	0.0	0.0	22.0	20.73	1.00	456.0
				Double, Clear	W	6.8	9.0	14.0	20.73	1.14	329.7
				Double, Clear	W	6.8	3.0	7.5	20.73	1.23	190.9
				Double, Clear	N	1.5	7.0	20.0	24.58	1.00	492.3
				Double, Clear	N	1.5	7.0	36.0	24.58	1.00	886.1
				As-Built Total:						353.5	7684.8
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	160.0	3.60	576.0	Frame, Wood, Exterior	13.0			1130.0	3.40	3842.0	
Exterior	1130.0	3.70	4181.0	Frame, Wood, Adjacent	13.0			160.0	3.30	528.0	
Base Total:			1290.0	4757.0			As-Built Total:			1290.0	4370.0
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated	10.0			8.40	84.0		
Exterior	30.0	12.30	369.0	Exterior Insulated	20.0			8.40	168.0		
				Adjacent Insulated	20.0			8.00	160.0		
Base Total:			50.0	599.0			As-Built Total:			50.0	412.0
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1844.0	2.05	3780.2	Under Attic	30.0			1908.0	2.05 X 1.00	3911.4	
Base Total:			1844.0	3780.2			As-Built Total:			1908.0	3911.4
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	182.0(p)	8.9	1619.8	Slab-On-Grade Edge Insulation	0.0			182.0(p)	18.80	3421.6	
Raised	0.0	0.00	0.0								
Base Total:			1619.8	As-Built Total:			182.0	3421.6			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
1844.0 -0.59 -1088.0				1844.0 -0.59 -1088.0				
Winter Base Points: 13896.7				Winter As-Built Points: 18711.8				
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
13896.7 0.6274 8718.8				18711.8 1.000 (1.069 x 1.169 x 1.00) 0.437 1.000 10222.8 18711.8 1.00 1.250 0.437 1.000 10222.8				

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
3		2746.00		8238.0	40.0	0.94	3	1.00	2570.72 1.00 7712.2
				As-Built Total:	7712.2				

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
10323		8719		8238		27280	9324		10223		7712		27259

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.6

The higher the score, the more efficient the home.

Spec House, Lot: 2, Sub: Wester Wood, Plat: , Lake City, FL,

1. New construction or existing	New	—	12. Cooling systems	
2. Single family or multi-family	Single family	—	a. Central Unit	Cap: 43.0 kBtu/hr
3. Number of units, if multi-family	1	—		SEER: 12.50
4. Number of Bedrooms	3	—	b. N/A	—
5. Is this a worst case?	Yes	—	c. N/A	—
6. Conditioned floor area (ft²)	1844 ft²	—	13. Heating systems	
7. Glass area & type	Single Pane	Double Pane	a. Electric Heat Pump	Cap: 43.0 kBtu/hr
a. Clear glass, default U-factor	0.0 ft²	353.5 ft²		HSPF: 7.80
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	b. N/A	—
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	c. N/A	—
8. Floor types			14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft	—	a. Electric Resistance	Cap: 40.0 gallons
b. N/A	—	—		EF: 0.94
c. N/A	—	—	b. N/A	—
9. Wall types			c. Conservation credits	—
a. Frame, Wood, Exterior	R=13.0, 1130.0 ft²	—	(HR-Heat recovery, Solar	—
b. Frame, Wood, Adjacent	R=13.0, 160.0 ft²	—	DHP-Dedicated heat pump)	—
c. N/A	—	—	15. HVAC credits	—
d. N/A	—	—	(CF-Ceiling fan, CV-Cross ventilation,	—
e. N/A	—	—	HF-Whole house fan,	—
10. Ceiling types			PT-Programmable Thermostat,	—
a. Under Attic	R=30.0, 1908.0 ft²	—	MZ-C-Multizone cooling,	—
b. N/A	—	—	MZ-H-Multizone heating)	—
c. N/A	—	—		—
11. Ducts				—
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 190.0 ft	—		—
b. N/A	—	—		—

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: _____

Address of New Home: _____ City/FL Zip: _____



**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 889/482-1824.*

Energy Gauge Version: FLR2PB v3.4)

Application Number 0505-02

Date Reviewed 5-6-05

Status of Application Hold X OK

Builder Name: MARTIN HOME Builders

Phone 386-984-6868

Fax 754-0348

Owner Name: SPEC BLD. FOR RESALE

Phone

Fax

911 Address 115 SW NIGHTSHADE DR.

Property ID Number 30-45-17-08898-102 Subdivision WESTER WOOD

Lot 2 Block Unit Phase Total Acreage Lot Size

Site Plan: Yes ✓ No

Front setback 65 Side 50 Side 55 Rear 110 SIDE DO NOT MATCH APP

Type of Construction WOOD/CONCRETE Single Family: Yes ✓ No

Total Building Height 24'4" Roof pitch 7/12

Heated & Cooled Area Sq. Ft. 1,844

Front porch Area Sq. Ft. 62

Back porch Area Sq. Ft. 127

Garage Area Sq. Ft. 460

Total area square footage: 2,493

Information provided with application

Proof of ownership by: Warranty Deed ✓ Property appraiser:

Notice of Commencement: Yes ✓ No

Onsite waste water disposal system application: Yes ✓ No ✓ See back note 1

Energy Code compliance: Yes ✓ No Manual J: Yes ✓ No

Owner Builder Disclosure Statement: Yes N/A No

Potable water well specification: Yes ✓ No

City of Fort White approval letter: Yes No N/A

Culvert status: culvert permit ✓ culvert waiver Have existing drive

Power by: FP&L Clay Elect. ✓ Suwannee Valley Progressive

Month log, Computer File Name

Name

Address

This Instrument Prepared by

Name

Address

Property Appraiser's Parcel Identification

Inst:2005010086 Date:05/02/2005 Time:14:42

MLK DC,P.DeWitt Cason,Columbia County B:1044 P:2335

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

Permit No. _____

Tax Folio No. _____

State of Florida _____

County of _____ }

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with chapter 713 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

Legal description of property (include Street Address, if available) Lots 2 and 3 Wester Woods,
a Subdivision according to the plat thereof as recorded in
Plat Book 7, Pages 36 and 37 of the public records of CC FL

General description of improvements NEW HOUSE

Owner's Name Ben MARTIN

Address PO BOX 1831 LAKE CITY FL 32056

Owner's Interest in site of the improvement 100 %

Fee Simple Title holder (if other than owner) _____

Address _____ Phone: 386-397-4537 Fax: _____

Contractor Ben Martin

Address PO BOX 1831 LAKE CITY FL Phone: _____ Fax: _____

Surety 32056 Phone: _____ Fax: _____

Address _____ Amount of bond \$ _____

Lender's Name N/A

Address: _____ Phone: _____ Fax: _____

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 _____

Address _____ Phone: _____ Fax: _____

In addition to himself, owner designates _____

Of _____ Phone: _____ Fax: _____

to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

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

Ben Martin

Ben Martin
Printed Name of Owner

I have relied upon the following identification of the Affiant _____

Sworn to and subscribed before me this 2 day of MAY 2005

Notary Signature Elizabeth Carriender
Printed Name ELIZABETH CARRIENDER




**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000665**

DATE 05/18/2005 PARCEL ID # 30-4S-17-08898-102
APPLICANT GARY MARTIN PHONE 386.984.6868
ADDRESS PO BOX 3178 LAKE CITY FL 32056
OWNER MARTIN HOME BUILDERS PHONE 386.397.4534
ADDRESS 115 SW NIGHTSHADE LAKE CITY FL 32024
CONTRACTOR BEN MARTIN PHONE 386.397.4534
LOCATION OF PROPERTY 47 S, L WESTER, L WESTERWOODS S/D, R NIGHTSHADE, 2ND ON THE RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WESTERWOODS 2

SIGNATURE 

INSTALLATION REQUIREMENTS

☒

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

#23166

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Martin Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 115 S.W. Nightshade R. Lake City, FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 6-9-05
Brand Name of Product(s) Used Pro-201
EPA Registration No. 19713-514
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 2493 Linear ft. 193 Linear ft. of Masonry Voids 193
Approximate Total Gallons of Solution Applied 655
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Bionon Certification No. (if required by State law) JB104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 6-9-05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

Reorder Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 30-4S-17-08898-102

Building permit No. 000023166

Use Classification SFD, UTILITY

Fire: 53.28

Permit Holder BEN MARTIN

Waste: 110.25

Owner of Building MARTIN HOME BUILDERS

Total: 163.53

Location: 115 SW NIGHTSHADE DR(WESTERWOODS, LOT 2)

Date: 01/26/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



23166
67

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph 386-754-5419, Fax 386-269-4871

INSPECTION REPORT

Martin Homes, Lots 2&3, Wester Wood, Columbia Co, FL

Introduction

This report documents inspections I made at the above referenced building at the request of Gary Martin, Martin Homes. Gary stated the slab was poured prior to inspection. The inspector requested engineering certification of the foundation.

Limits of Inspection

This inspection report is limited to a visual inspection of the slab and stem wall.

Inspection Data

- The stem wall foundation varies from 3 to 5 courses high. The slab was poured with fiber mesh concrete. The porch areas were not yet poured but were prepped with 1.4 - 1.4 6x6 WWM and poly. I noticed that the #5 continuous bar had not been placed in the header block at the slab intersection with the stem wall.
- Using a Zircon Metascan, I located vertical rebar at the corners and 8' OC.
- Sheet S-1 calls for #5 continuous in the bond beam. I could not detect rebar in the bond beam at the top of the stem wall. Tony Jordan confirmed he had not placed rebar there.
- Philosophical discussion: One reason for this rebar is to form a beam at the top of the stem wall to span between vertical steel and hold down the anchor bolts. If this was the top of a masonry wall it is clear that the bond beam steel would be required by FBC2001 and omission would be cause for inspection failure.
- However, this is the intersection of a concrete slab and a CMU wall and the slab is monolithic with the wall because the concrete flowed into all the cells in the wall and they used fiber mesh concrete which has better tension and flexure strength and they placed WWM in the slab extending into the header block.
- I did a pullout test on anchor bolts which did not line up with the vertical steel in order to look for failure modes related to the missing bond beam steel. All three bolts failed at 6000 lb uplift which exceeds the 1600 lb design value by more than a 3x safety factor. One bolt failed when the "L" bent to a 45 degree angle and broke out the side wall of the CMU. The other two bolts failed when the steel broke at the bend and the top of the bolt pulled out of its hole. None of the three failures were due to the missing steel.

Conclusions

- Based on my inspection the foundations of the two houses meet the structural requirements of FBC 2001 including Section 1606 wind loads.

Mark Disosway
24JUN05