

DATE 05/18/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023167

APPLICANT GARY MARTIN

PHONE 984-6868

ADDRESS P.O. BOX 3178

LAKE CITY

FL 32056

OWNER MARTIN HOME BUILDERS

PHONE 397-4534

ADDRESS 135 SW NIGHTSHADE DRIVE

LAKE CITY

FL 32024

CONTRACTOR BEN MARTIN

PHONE 397-4534

LOCATION OF PROPERTY 47S, TL ON WESTER ROAD, TR ON NIGHTSHADE ROAD, 2ND LOT
ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY

ESTIMATED COST OF CONSTRUCTION 87550.00

HEATED FLOOR AREA 1751.00

TOTAL AREA 2322.00

HEIGHT .00 STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 7/12

FLOOR SLAB

LAND USE & ZONING RSF-1

MAX. HEIGHT 18

Minimum Set Back Requirments: STREET-FRONT 25.00

REAR 15.00

SIDE 10.00

NO. EX.D.U. 0

FLOOD ZONE X PP

DEVELOPMENT PERMIT NO.

PARCEL ID 30-4S-17-08898-103

SUBDIVISION WESTER WOOD

LOT 3

BLOCK

PHASE

UNIT

TOTAL ACRES 1.00

000000666

N

CBC059077

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT PERMIT

05-0512-N

BK

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD,NOC ON FILE

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

date/app. by

Pool

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 \$ 440.00

CERTIFICATION FEE \$ 11.61

SURCHARGE FEE \$ 11.61

MISC. FEES \$.00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$ 25.00

TOTAL FEE 538.22

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 # 0505-01 Date Received 5/2/05 By G Permit # 4666/23167
Application Approved by - Zoning Official BLK Date 17.05.05 Plans Examiner DK JTH Date 5-6-05
Flood Zone X P plot Development Permit N/A Zoning RSF-1 Land Use Plan Map Category RES.U.L. DEW.
Comments NEEDS to change Owners Name to Same as on Deed Martin Home Bldg, Inc.
sent to record

Applicants Name Gary Martin Phone 386-984-6868
Address PO BOX 3178 LAKE CITY FL 32056
Owners Name Ben Martin Martin Home Builders Phone 386-397-4534
911 Address 135 SW Nightshade Dr. L.C. 32024
Contractors Name Ben Martin Phone 386-397-4534
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 R08898-103 Estimated Cost of Construction 80,000
Subdivision Name Wester Woods Lot 3 Block _____ Unit _____ Phase _____
Driving Directions South on 47, past interstate 75 about a mile take a left on Wester Rd Wester Woods is on the left, house will be on right, Second lot on your right after u take a right at ~~Wester~~ nightshade Rd
Type of Construction WOOD / CONCRETE Number of Existing Dwellings on Property 0
Total Acreage Apx 1 acre 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 / 60 Side 65 / 60 Side 45 / 40 Rear 100 / 100
Total Building Height 18' Number of Stories 1 Heated Floor Area 1751 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 _____

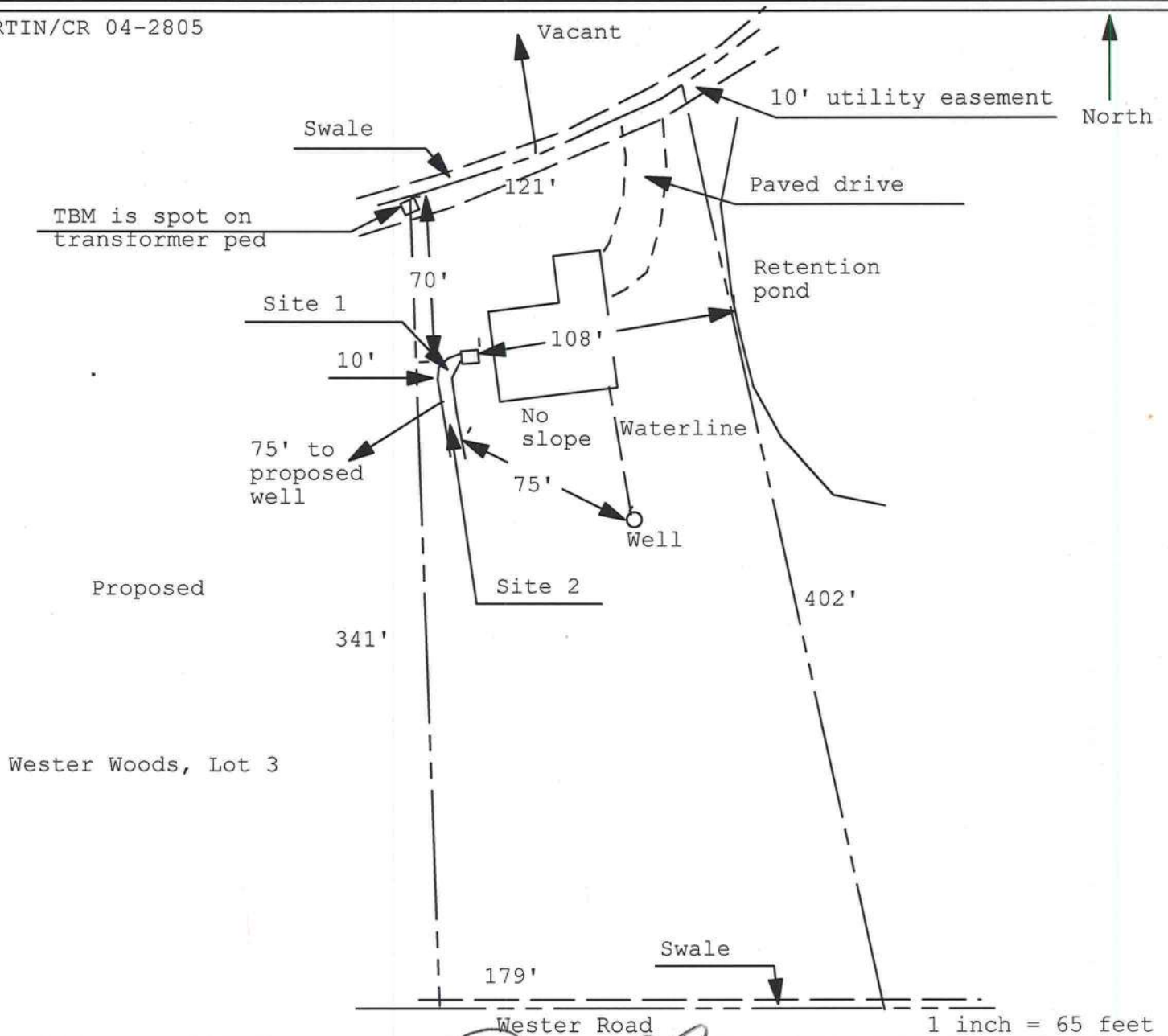


Ben Martin
Contractor Signature
Contractors License Number CBC059077
Competency Card Number _____
NOTARY STAMP/SEAL
Elizabeth Carren
Notary Signature

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 05-0512N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

MARTIN/CR 04-2805

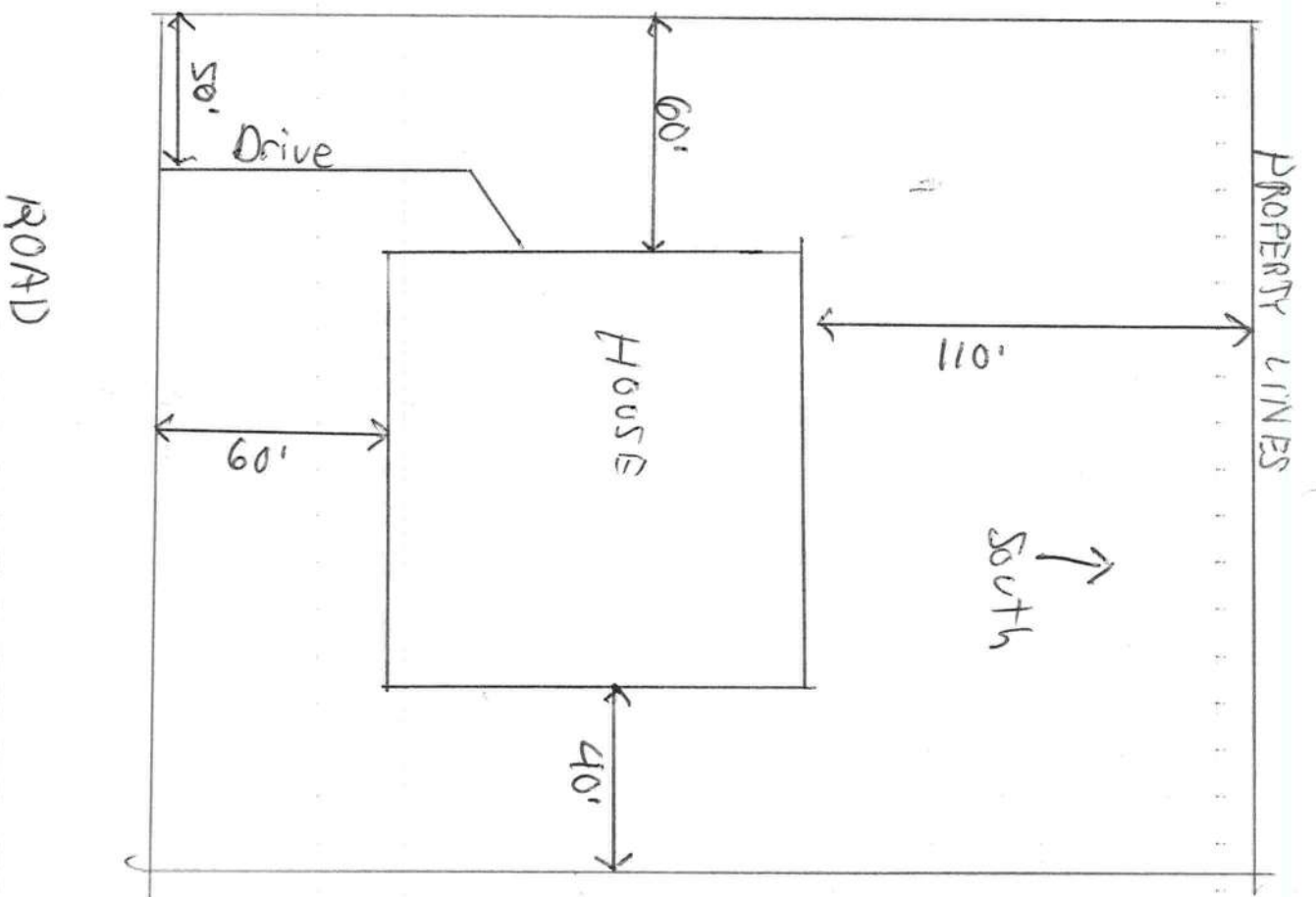


Site Plan Submitted By Paul Lloyd Date 5/9/05
Plan Approved ☒ Not Approved ☐ Date 5-17-05

By Mr. J. M. Smith Columbia CPHU

Notes: _____

APRX MEASURES



263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

KEEP

To maintain the Countywide addressing Policy you must
Address at the time you apply for a building permit.
assigning and posting numbers to all principal buildings
industries are contained in Columbia County Ordinance
to enable Emergency Service Agencies to locate you
United States Postal Service and the public in the time
services to residents and businesses of Columbia County

PLEASE * THIS
NUMBER ON FILE
FOR THE CONTACT
NUMBER FOR BEN OR
GARY MARTIN. THANKS

DATE ISSUED: APRIL 21, 2005386-984-6868

ENHANCED 9-1-1 ADDRESS:

135 SW NIGHTSHADE DR (LAKE CITY, FL 32024)Addressed Location 911 Phone Number: NOT AVAIL.OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 99PROPERTY APPRAISER PARCEL NUMBER: 30-4S-17-08898-103

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 3 WESTER WOODS S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing Department

GARY MARTINCOLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

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 Aermator 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.

Signature Lynch Well Drilling, Inc. Print Name Linda Newcomb1274 or 2609
License Number11/20/09
Date

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*.

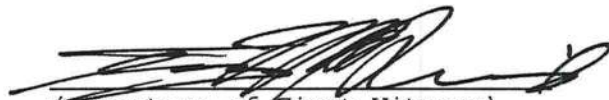
(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: 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.

N B . Neither the Grantor nor any member of his family

Signed, sealed and delivered
in our presence:



(Signature of First Witness)
Terry McDavid

(Typed Name of First Witness)




(Signature of Second Witness)
Crystal L. Brunner


(Typed Name of Second Witness)

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 19th
day of April, 2005, by PAUL BRYAN, who is personally known to me
and who did not take an oath.

My Commission Expires:

 (SEAL)
Grantor
PAUL BRYAN
Printed Name


Notary Public
Printed, typed, or stamped name:



Form 10. (enclose self-addressed stamped envelope)

Name

Address

Instrument Prepared by

me

Address

Property Appraisers Parcel Identification

Inst:2005010085 Date:05/02/2005 Time:14:42
 MK DC,P.DeWitt Cason,Columbia County B:1044 P:2334

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 PL

General description of improvements NEW HOUSE

Owner's Name Ben MARTIN

Address PO BOX 1831 LAKIE CITY FL 32056

Owner's Interest in site of the improvement 100 %

Fee Simple Title holder (if other than owner) _____

Address _____ Phone: 286-397-4537 Fax: _____

Contractor Ben Martin

Address PO BOX 1831 LAKIE 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)

12/1/06

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 Carrender
 Printed Name ELIZABETH CARRENDER



**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS
ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002**

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

- 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 104.2.1). If licensed architect or engineer, official seal shall be affixed.

☐ ☒ **Site Plan including:**

- Dimensions of lot
- Dimensions of building set backs
- Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- 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 1606
- The following information must be shown as per section 1606.1.7 FBC
 - Basic wind speed (MPH)
 - Wind importance factor (I) and building category
 - Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - The applicable internal pressure coefficient
 - Components and Cladding. The design wind pressure in terms of psf (kN/m^2), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

☐ ☒ **Elevations including:**

- All sides
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights
- Building height .
- Number of stories

Floor Plan including:

- ☐ a) Rooms labeled and dimensioned
- ☐ b) Shear walls
- ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☒ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☐ f) 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 FI. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 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 104.2.1 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
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 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 (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retardant (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)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 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 (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (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

HVAC information

- a) Manual J sizing equipment or equivalent computation *Wrong*
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans) *Wrong*

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


FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	502281Lot#3WesterWood	Builder:	Ben Martin
Address:	Lot: 3, Sub: Wester Wood, Plat:	Permitting Office:	
City, State:	Lake City, FL	Permit Number:	23167
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: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1682 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 251.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.60
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: 0.90
a. Frame, Wood, Exterior	R=13.0, 1151.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 214.0 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, 1776.0 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, 170.0 ft		
b. N/A			

Glass/Floor Area: 0.15 Total as-built points: 25572 PASS
Total base points: 26129

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

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, 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	1682.0	20.04	6067.3	Double, Clear	E	1.5	6.5	60.0	42.06	0.93	2338.4
				Double, Clear	E	1.5	7.5	36.0	42.06	0.95	1436.4
				Double, Clear	S	15.8	8.5	20.0	35.87	0.45	326.2
				Double, Clear	E	10.5	7.5	54.0	42.06	0.45	1010.8
				Double, Clear	S	1.5	6.5	15.0	35.87	0.88	471.7
				Double, Clear	S	1.5	3.0	6.0	35.87	0.66	142.0
				Double, Clear	W	1.5	5.0	9.0	38.52	0.88	303.6
				Double, Clear	W	1.5	7.5	36.0	38.52	0.95	1316.3
				Double, Clear	N	1.5	6.5	15.0	19.20	0.95	272.9
				As-Built Total:							251.0
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	= Points	
Adjacent	214.0	0.70	149.8	Frame, Wood, Exterior	13.0			1151.0	1.50	1726.5	
Exterior	1151.0	1.70	1956.7	Frame, Wood, Adjacent	13.0			214.0	0.60	128.4	
Base Total:		1365.0	2106.5	As-Built Total:			1365.0		1854.9		
DOOR TYPES Area X BSPM = Points				Type				Area X	SPM	= Points	
Adjacent	20.0	2.40	48.0	Exterior Insulated				20.0	4.10	82.0	
Exterior	40.0	6.10	244.0	Exterior Insulated				20.0	4.10	82.0	
				Adjacent Insulated				20.0	1.60	32.0	
Base Total:		60.0	292.0	As-Built Total:			60.0		196.0		
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM X SCM	= Points	
Under Attic	1682.0	1.73	2909.9	Under Attic	30.0			1776.0	1.73 X 1.00	3072.5	
Base Total:		1682.0	2909.9	As-Built Total:			1776.0		3072.5		
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		
INFILTRATION Area X BSPM = Points							Area X	SPM	= Points		
	1682.0	10.21	17173.2				1682.0	10.21	17173.2		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 21814.9				Summer As-Built Points: 22416.4							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
21814.9		0.4266	9306.2	22416.4	1.000	1.000	(1.090 x 1.147 x 1.00)	0.284	1.000	7971.0	
				22416.4	1.00		1.250	0.284	1.000	7971.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, 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	1682.0	12.74	3857.2	Double, Clear	E	1.5	6.5	60.0	18.79	1.03	1162.2
				Double, Clear	E	1.5	7.5	36.0	18.79	1.02	692.1
				Double, Clear	S	15.8	8.5	20.0	13.30	3.48	924.6
				Double, Clear	E	10.5	7.5	54.0	18.79	1.37	1393.4
				Double, Clear	S	1.5	6.5	15.0	13.30	1.09	218.2
				Double, Clear	S	1.5	3.0	6.0	13.30	1.64	130.8
				Double, Clear	W	1.5	5.0	9.0	20.73	1.03	193.0
				Double, Clear	W	1.5	7.5	36.0	20.73	1.01	756.4
				Double, Clear	N	1.5	6.5	15.0	24.58	1.00	369.4
				As-Built Total:						251.0	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	214.0	3.60	770.4	Frame, Wood, Exterior	13.0			1151.0	3.40	3913.4	
Exterior	1151.0	3.70	4258.7	Frame, Wood, Adjacent	13.0			214.0	3.30	706.2	
Base Total:			1365.0	5029.1	As-Built Total:			1365.0			4619.6
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	40.0	12.30	492.0	Exterior Insulated				20.0	8.40	168.0	
				Adjacent Insulated				20.0	8.00	160.0	
Base Total:			60.0	722.0	As-Built Total:			60.0			496.0
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1682.0	2.05	3448.1	Under Attic	30.0			1776.0	2.05 X 1.00	3640.8	
Base Total:			1682.0	3448.1	As-Built Total:			1776.0			3640.8
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	
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
			1682.0	-0.59	-992.4				1682.0	-0.59	-992.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		13683.8		Winter As-Built Points:				17025.7			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
13683.8		0.6274	8585.2	17025.7		1.000	(1.069 x 1.169 x 1.00)	0.449	1.000	9546.3	
				17025.7		1.00	1.250	0.449	1.000	9546.3	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Wester Wood, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier = Total
3		2746.00	8238.0	40.0	0.90	3	1.00	2684.98	1.00 8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
9306	8585	8238	26129	7971	9546	8055	25572

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, 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* = 83.1

The higher the score, the more efficient the home.

Spec house, Lot: 3, Sub: Wester Wood, Plat: , Lake City, FL,

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 1682 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 251.0 ft²
b. Default tint, default U-factor 0.0 ft² 0.0 ft²
c. Labeled U-factor or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 182.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1151.0 ft²
b. Frame, Wood, Adjacent R=13.0, 214.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1776.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 170.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 36.0 kBtu/hr SEER: 12.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 7.60
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.90
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

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

Builder Signature: Date:

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 850/488-1821. (Version: FLR2PB v3.4)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000666**

DATE 05/18/2005 PARCEL ID # 30-4S-17-08898-103
APPLICANT GARY MARTIN PHONE 984-6868
ADDRESS P.O. BOX 3178 LAKE CITY FL 32056
OWNER MARTIN HOME BUILDERS PHONE 397-4534
ADDRESS 135 SW NIGHTSHADE DRIVE LAKE CITY FL 32024
CONTRACTOR BEN MARTIN PHONE 397-4534
LOCATION OF PROPERTY 47S, TL ON WESTER ROAD, TR ON NIGHTSHADE RD, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WESTERWOOD 3

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 INSTALATION 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.

23167

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) 135 SW Nightside Dr. Lake City, FL
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Block

Section 4: Treatment Information

Date(s) of Treatment(s) 6-9-05
Brand Name of Product(s) Used Prosol
EPA Registration No. 19713-516
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 2322 Linear ft. 194 Linear ft. of Masonry Voids 19.4
Approximate Total Gallons of Solution Applied 469
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 Brannon Certification No. (if required by State law) JF104376

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)

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 Metaliscan, 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
24 JUN 05

COLUMBIA COUNTY OFFICE 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 30-4S-17-08898-103

Building permit No. 000023167

Use Classification SFD, UTILITY

Fire: 53.28

Permit Holder BEN MARTIN

Waste: 110.25

Owner of Building MARTIN HOME BUILDERS

Total: 163.53

Location: 135 SW NIGHTSHADE DR(WESTER OOD, LOT 3)



Date: 01/26/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)