DATE 05/11/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023128

APPLICANT KIMMY EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD LAKE CITY FL 32025

OWNER BRIAN & CORINA RIX PHONE 454-7665

ADDRESS 1183 SE ADAMS STREET HIGH SPRINGS FL 32643

CONTRACTOR DOUG EDGLEY PHONE 752-0580

LOCATION OF PROPERTY 441S, PAST I75, TL ON ADAMS STREET, , JUST OVER 1 MILE ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 108150.00

HEATED FLOOR AREA 2163.00 TOTAL AREA 3320.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 17

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

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

PARCEL ID 11-7S-17-09983-001 SUBDIVISION BICENTENNIAL ACRES

LOT 5 BLOCK PHASE UNIT TOTAL ACRES 2.44

Culvert Permit No.	Culvert Waiver	RR28281136 Contractor's License Number	X Kimmy Edgley Applicant/Owner/Contractor	
EXISTING Driveway Connection	05-0373MD Septic Tank Number	BK LU & Zoning checked by	Approved for Issuance	Y New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

EXISTING MH WLL BE REMOVED BEFORE CO CAN BE ISSUED

Check # or Cash 837

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 545.00 CERTIFICATION FEE $ 16.60 SURCHARGE FEE $ 16.60

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ WASTE FEE $

FLOOD ZONE DEVELOPMENT FEE $ CULVERT FEE $ **TOTAL FEE** 628.20

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 050464 Date Received 4/20/05 By G Permit # 23128

Application Approved by - Zoning Official BLK Date 10.05.05 Plans Examiner OK JTH Date 4-26-05

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

Comments Existing Mobile Home to be removed before CO can be issued

Need CO

Kimmy Edgley

Applicants Name ~~EDGLEY CONTRUCTION COMPANY~~ Phone 386-752-0580

Address 590 SW ARLINGTON BLVD, SUITE 105, LAKE CITY FL 32025

Owners Name BRIAN AND CORINA RIX Phone 386-454-7665

911 Address 1183 S.E. ADAMS STREET, HIGH SPRINGS, FL 32643

Contractors Name EDGLEY CONSTRUCTION CO. Phone 386-752-0580

Address 590 SW ARLINGTON BLVD, SUITE 105, LAKE CITY FL 32025

Fee Simple Owner Name & Address BRIAN AND CORINA RIX

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY P.E., P.O. BOX 868, LAKE CITY FL 32056

Mortgage Lenders Name & Address FFSB, P.O. BOX 2029, LAKE CITY FL 32056

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

Property ID Number 11-7S-17-09983-001 HX Estimated Cost of Construction $147,000.00

Subdivision Name BICENTENNIAL ACRES Lot 5 Block ____ Unit 1 Phase ____

Driving Directions SOUTH 441 - 12 TO 14 MILES PASS INTERSTATE 75 TL ONTO ADAMS STREET TO JUST OVER A MILE DRIVEWAY IS ON LEFT.

Type of Construction SINGLE STORY HOME Number of Existing Dwellings on Property N/A

Total Acreage 2.44 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 151'6" Side 472'6" Rear 39'8"

Total Building Height 17' Number of Stories 1 Heated Floor Area 2163 Roof Pitch 6/12

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

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

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

Kimmy Edgley Agent

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 19TH day of APRIL 2005.

Personally known ✓ or Produced Identification ____

Contractor Signature

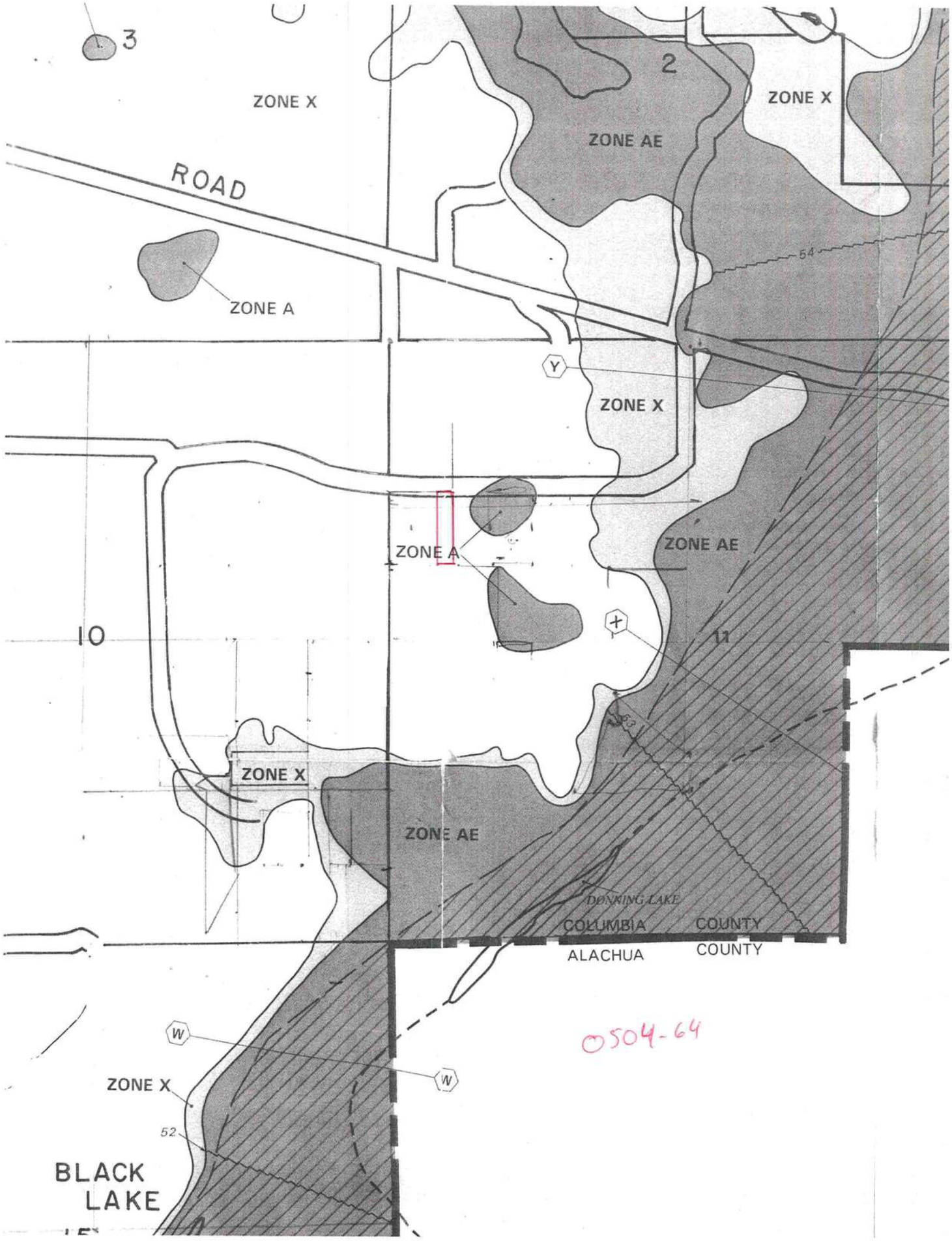
Contractors License Number RR282811326

Competency Card Number 5364

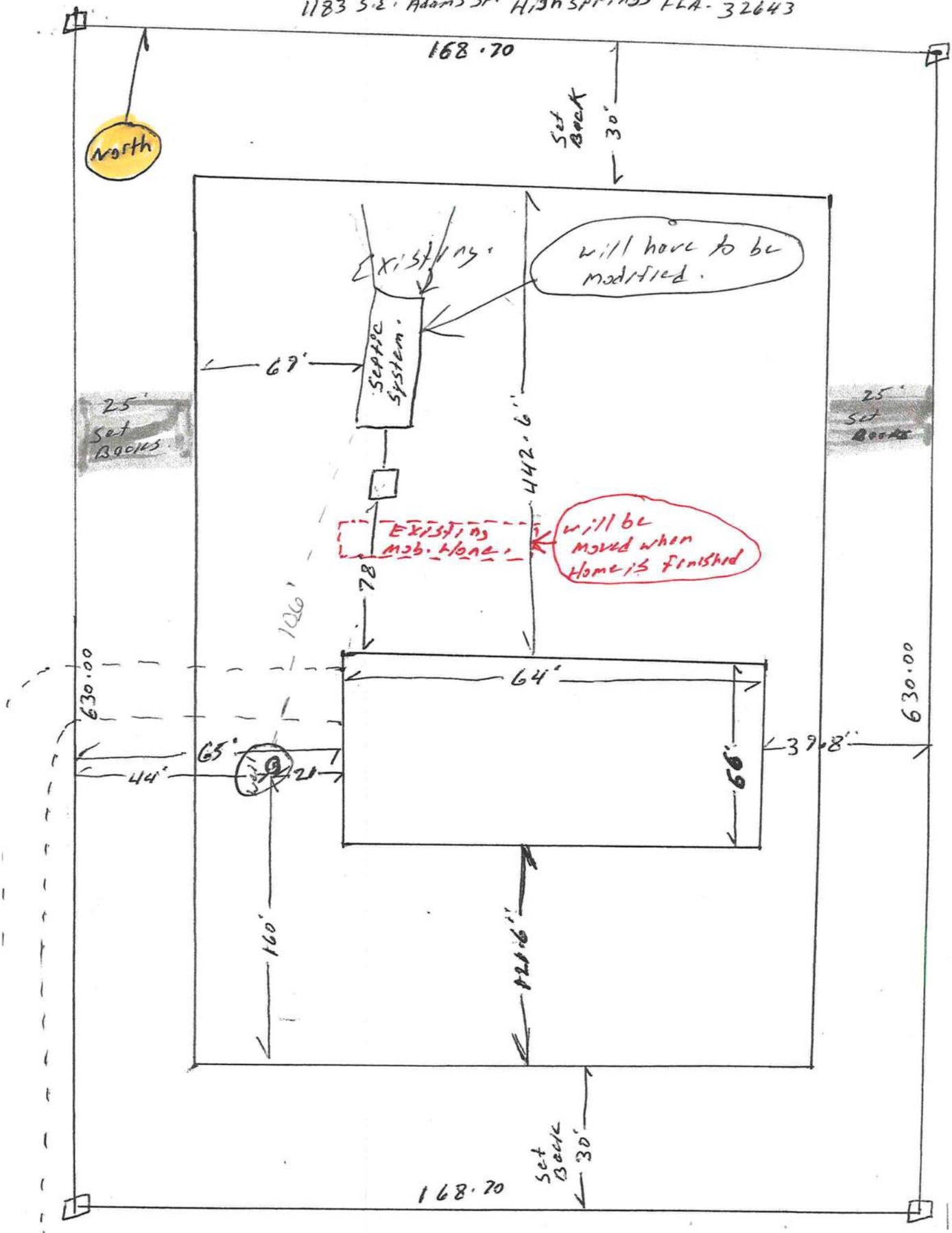
NOTARY STAMP/SEAL

JAN CLARK
MY COMMISSION # DD 181635
EXPIRES: March 28, 2007
Bonded Thru Budget Notary Services

Notary Signature


3
ZONE X
2
ZONE AE
ZONE X
ROAD
54
ZONE A
Y
ZONE X
ZONE A
ZONE AE
10
11
53
ZONE X
ZONE AE
DONNING LAKE
COLUMBIA
COUNTY
ALACHUA
COUNTY
0504-64
W
W
ZONE X
52
BLACK
LAKE

Bicentennial Acres Unit One Brian + Corina Rix.
1183 S.E. Adams St. High Springs FLA. 32643



Warranty Deed

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL

1999 FEB 18 AM 11:43

RECORD VERIFIED

COLUMBIA COUNTY

BY MCK

99-02750

This Warranty Deed *Made this* **16th** *day of* **February**, *A.D.* **1999** *by*
Edith T. Jackson *and* **Jesse B. Jackson** *of*
Rt. 2 Box 585 High Springs, FL. 32643
hereinafter referred to as the grantor, to:
Brian S. Rix *and* **Corina J. R. Rix** *of*
P.O. Box 131 Lake City, FL. 32056
hereinafter referred to as the grantee,

Witnesseth: *That the grantor, for and in consideration of the sum of $ 10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, confirms, and deeds unto the grantee, the following described land situate in:* **Columbia County, Florida**

The East part 2.44 acres except the West 5 acres of Lot No.#5 of BICENTENNIAL ACRES, UNIT 1, as recorded in Plat Book 4, page 35-A of the public records of Columbia County, Florida, lying in Section 11, Township 7 South, Range 17 East, in Columbia County, Florida.

Together *with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining*. **To Have and to Hold** *free and clear with:*
WARRANTY COVENANTS; *to wit:*
Grantor, for itself and its heirs, hereby covenants with Grantee, its heirs and assigns, that Grantor is lawfully seized in fee simple of the above described premises; that it has a good right to convey; that the premises are free from all encumbrances; that Grantor and its heirs, and all persons acquiring any interest in the property granted, through or for Grantor, will, on demand of Grantee, or its heirs or assigns, and at the expense of Grantor, its heirs or assigns, execute any instrument necessary for the further assurance of the title to the premises that may be reasonably required; and that Grantor and its heirs will forever warrant and defend all of the property so granted to Grantee, its heirs and assigns, against every person lawfully claiming the same or any part thereof. Being the same property conveyed to the Grantors by deed of:
Warranty Deed: Book 0558 Page 0259 Grantor: Audrey Bullard DeRosia, Successor to Bullard Cypress Company deeding the above listed property: (The East part of Lot No. 5 of BICENTENNIAL ACRES, Unit 1, as recorded in Plat Book 4, page 35-A of the public records of Columbia County, Florida, lying in Section 11, Township 7 South, Range 17 East, in Columbia County, Florida.) to Gerald Taylor and Edith Taylor, his wife, dated the 1st day of March, A.D. 1985. **Amended by Death Certificate, and Warranty Deed: Book 0851 Pg 0829, and Pg 0830** Grantor: Edith Taylor deeding the same described property to Edith Taylor Jackson and Jesse B. Jackson of P.O. Box 2837 High Springs, FL. 32655 dated the 30th day of December, 1997

Documentary Stamp .70
Intangible Tax ____
DeWitt Cason
Clerk of Court
MCK D.C.

In Witness Whereof, *the said Grantors have signed and sealed these presents the day and year first above written.*

Edith Taylor Jackson — Delores Barber
Jesse B. Jackson — Mark Frishkorn

STATE OF: **Florida**
COUNTY OF: **Columbia**

I Hereby Certify *that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to administer oaths, and take acknowledgments, personally appeared*
Edith T. Jackson *and* **Jesse B. Jackson**
personally known to me to be the persons described in and who executed the foregoing instrument, and they acknowledged before me that they executed the same.
WITNESS my hand and official seal in the County and State aforesaid this 16th day of February, A.D. 1999
Signature Beatrice D. Freeman (Seal)

OFFICIAL RECORDS

BK 0874 PG 2260

BEATRICE D FREEMAN
MY COMMISSION # CC 789459
EXPIRES: 11/30/2002
1-800-3-NOTARY Fla. Notary Services & Bonding Co.

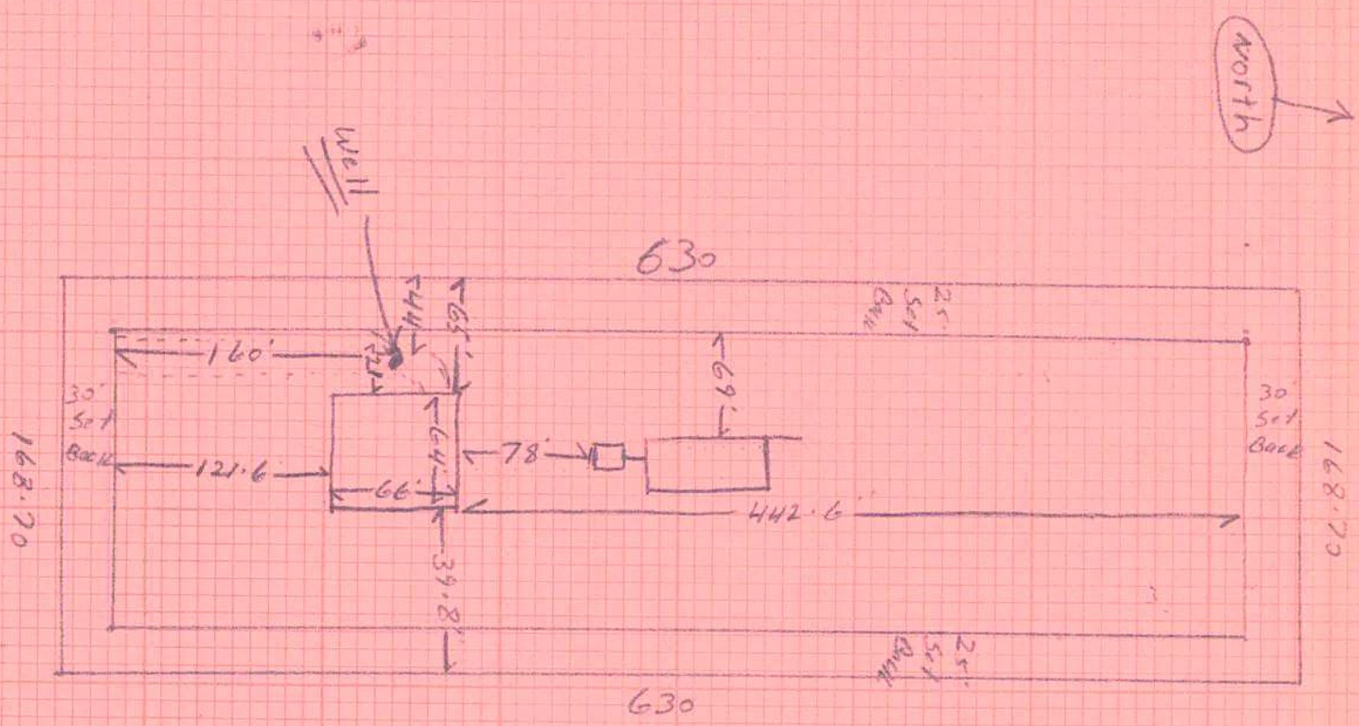
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0373MD

PART II - SITE PLAN

Scale: Each block represents 10 5 feet and 1 inch = 100 50 feet.



Notes: Septic System is existing Drain Field will probly need to be modified. Mobile home will be moved when home is finished.

Site Plan submitted by: Doug Edsley (Signature) Contractor. (Title)

Plan Approved ✓ Not Approved _____ Date 4-12-05

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
Stock Number: 5744-002-4015-6)

4-12-05

FORM 600A-2001 EnergyGauge® 3.4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**502225RixRes.**	Builder:	
Address:	**1183 se Adams St.**	Permitting Office:	
City, State:	**High Springs, FL**	Permit Number:	23128
Owner:	**Brian & Corina Rix**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing		New	__
2. Single family or multi-family		Single family	__
3. Number of units, if multi-family		1	__
4. Number of Bedrooms		3	__
5. Is this a worst case?		Yes	__
6. Conditioned floor area (ft²)		2163 ft²	__
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	201.0 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, 207.0(p) ft	__
b. N/A			__
c. N/A			__
9. Wall types			
a. Frame, Wood, Adjacent		R=13.0, 188.0 ft²	__
b. Frame, Wood, Exterior		R=13.0, 1197.0 ft²	__
c. N/A			__
d. N/A			__
e. N/A			__
10. Ceiling types			__
a. Under Attic		R=30.0, 2275.0 ft²	
b. N/A			__
c. N/A			__
11. Ducts			__
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 210.0 ft	
b. N/A			__
			__

12. Cooling systems		
a. Central Unit	Cap: 38.0 kBtu/hr	__
	SEER: 10.00	__
b. N/A		__
		__
c. N/A		__
		__
13. Heating systems		
a. Electric Heat Pump	Cap: 38.0 kBtu/hr	__
	HSPF: 7.00	__
b. N/A		__
		__
c. N/A		__
		__
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	__
	EF: 0.89	__
b. N/A		__
		__
c. Conservation credits		__
(HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits		__
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.09

Total as-built points: 29857

Total base points: 30374

PASS

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: 3/22/05

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.

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

BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2163.0	20.04	7802.4	Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7	
				Double, Clear	E	20.0	7.5	10.0	42.06	0.36	151.6	
				Double, Clear	N	11.5	7.5	20.0	19.20	0.65	250.1	
				Double, Clear	N	1.5	5.5	15.0	19.20	0.93	267.3	
				Double, Clear	E	0.0	0.0	40.0	42.06	1.00	1682.6	
				Double, Clear	S	9.5	5.5	60.0	35.87	0.46	986.3	
				Double, Clear	W	0.0	0.0	20.0	38.52	1.00	770.5	
				Double, Clear	W	0.0	0.0	6.0	38.52	1.00	231.1	
				As-Built Total:				**201.0**			**4874.1**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	188.0	0.70	131.6	Frame, Wood, Adjacent			13.0	188.0	0.60		112.8	
Exterior	1197.0	1.70	2034.9	Frame, Wood, Exterior			13.0	1197.0	1.50		1795.5	
Base Total:	**1385.0**		**2166.5**	**As-Built Total:**				**1385.0**			**1908.3**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	20.0	2.40	48.0	Exterior Insulated				30.0	4.10		123.0	
Exterior	50.0	6.10	305.0	Exterior Insulated				20.0	4.10		82.0	
				Adjacent Insulated				20.0	1.60		32.0	
Base Total:	**70.0**		**353.0**	**As-Built Total:**				**70.0**			**237.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2163.0	1.73	3742.0	Under Attic			30.0	2275.0	1.73 X 1.00		3935.8	
Base Total:	**2163.0**		**3742.0**	**As-Built Total:**				**2275.0**			**3935.8**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	207.0(p)	-37.0	-7659.0	Slab-On-Grade Edge Insulation			0.0	207.0(p	-41.20		-8528.4	
Raised	0.0	0.00	0.0									
Base Total:			**-7659.0**	**As-Built Total:**				**207.0**			**-8528.4**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2163.0	10.21	22084.2					2163.0	10.21		22084.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, FL,** PERMIT #:

BASE				AS-BUILT						
Summer Base Points:			**28489.1**	**Summer As-Built Points:**						**24511.0**
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
28489.1	**0.4266**		**12153.4**	24511.0 **24511.0**	1.000 **1.00**	(1.090 x 1.147 x 1.00) **1.250**	0.341 **0.341**	1.000 **1.000**		10458.9 **10458.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2163.0	12.74	4960.2	Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5	
				Double, Clear	E	20.0	7.5	10.0	18.79	1.50	282.1	
				Double, Clear	N	11.5	7.5	20.0	24.58	1.02	502.8	
				Double, Clear	N	1.5	5.5	15.0	24.58	1.00	369.8	
				Double, Clear	E	0.0	0.0	40.0	18.79	1.00	751.7	
				Double, Clear	S	9.5	5.5	60.0	13.30	3.45	2750.0	
				Double, Clear	W	0.0	0.0	20.0	20.73	1.00	414.6	
				Double, Clear	W	0.0	0.0	6.0	20.73	1.00	124.4	
				As-Built Total:				**201.0**			**5934.9**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	188.0	3.60	676.8	Frame, Wood, Adjacent	13.0	188.0	3.30	620.4
Exterior	1197.0	3.70	4428.9	Frame, Wood, Exterior	13.0	1197.0	3.40	4069.8
Base Total:	**1385.0**		**5105.7**	**As-Built Total:**		**1385.0**		**4690.2**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	Exterior Insulated	30.0	8.40	252.0
Exterior	50.0	12.30	615.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	20.0	8.00	160.0
Base Total:	**70.0**		**845.0**	**As-Built Total:**	**70.0**		**580.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2163.0	2.05	4434.1	Under Attic	30.0	2275.0	2.05 X 1.00	4663.8
Base Total:	**2163.0**		**4434.1**	**As-Built Total:**		**2275.0**		**4663.8**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	207.0(p)	8.9	1842.3	Slab-On-Grade Edge Insulation	0.0	207.0(p	18.80	3891.6
Raised	0.0	0.00	0.0					
Base Total:			**1842.3**	**As-Built Total:**		**207.0**		**3891.6**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	2163.0	-0.59	-1276.2	2163.0	-0.59	-1276.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**15911.2**	**Winter As-Built Points:**					**18484.3**
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
15911.2	**0.6274**	**9982.7**	18484.3 **18484.3**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.487 **0.487**	1.000 **1.000**	11252.6 **11252.6**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, 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	0.89	3	1.00	2715.15	1.00	8145.4	
				As-Built Total:							**8145.4**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
12153	**9983**	**8238**	**30374**	**10459**	**11253**	**8145**	**29857**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **1183 se Adams St., High Springs, 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.

Brian & Corina Rix, 1183 se Adams St., High Springs, 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)	2163 ft²	
7.	Glass area & type	Single Pane / Double Pane	
a.	Clear glass, default U-factor	0.0 ft² / 201.0 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, 207.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Adjacent	R=13.0, 188.0 ft²	
b.	Frame, Wood, Exterior	R=13.0, 1197.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 2275.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 38.0 kBtu/hr SEER: 10.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 38.0 kBtu/hr HSPF: 7.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.89	
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 850/487-1824.*

(EnergyGauge® (Version: FLR2PB v3.4)

23128

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst:200512904 Date:06/01/2005 Time:14:52
DC,P.DeWitt Cason,Columbia County B:1047 P:2157

PERMIT NO._____ TAX FOLIO NO._____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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

1. Description of property: Lot 5 of BICENTENNIAL ACRES, Unit 1, a s recorded in Plat Book 4, Page 35A of the public records of Columbia County, Florida. LESS AND EXCEPT the West 349.00 feet thereof.

2. General description of improvement: **Construction of Dwelling**

3. Owner information:
   a. Name and address: BRIAN S. RIX and CORINA R. RIX
   1183 SE Adams Street, High Springs, FL 32643

   b. Interest in property: **Fee Simple**

   c. Name and address of fee simple title holder (if other than Owner): **NONE**

4. Contractor (name and address): Edgley Construction/Cee-Bas Incorporated
   191 Covey Court, Lake City, FL 32025

5. Surety:
   a. Name and address: _____

   b. Amount of bond: _____

6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
   4705 WEST U.S. HIGHWAY 90
   P. O. BOX 2029
   LAKE CITY, FLORIDA 32056

7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE

8. In addition to himself, Owner designates **PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056** to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.

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

Borrower Name

Co-Borrower Name

The foregoing instrument was acknowledged before me this 25th day of May, 2005, by BRIAN S. RIX and CORINA R. RIX, who is personally known to me or who has produced driver's license for identification.

Notary Public
My Commission Expires:

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 _____ Deputy Clerk
Date June 1 2005

CLERK CIRCUIT COURT COLUMBIA

TERRY MCDAVID
MY COMMISSION EXPIRES January 16, 2006
#DD 079305
Bonded thru Notary Public Underwriters
NOTARY PUBLIC STATE OF FLORIDA

23128

RE: 04-0949 - Edgeley Construction / Rix Res.

MiTek Industries, Inc.
1801 Massaro Blvd.
Tampa, Fl 33619
Phone: 813/675-1200
Fax: 813/675-1148

Site Information:

Project Customer: Edgeley Construction
Project Name: Rix Residence
Lot/Block:
Subdivision:
Address: Alachua County
City:
State:

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

Name:
License #:
Address:
City:
State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2001/TPI200
Design Program: MiTek 20/20 6.1
Wind Code: ASCE 7-98 Wind Speed: 110 mph
Design Method: Main Wind Force Resisting System ASCE 7-98
Roof Load: 47.0 psf
Floor Load: N/A psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Job ID#	Truss Name	Date
1	T1784425	04-0949	A09	10/11/05
2	T1784427	04-0949	B01	10/11/05

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Cox Lumber-Ocala, FL.

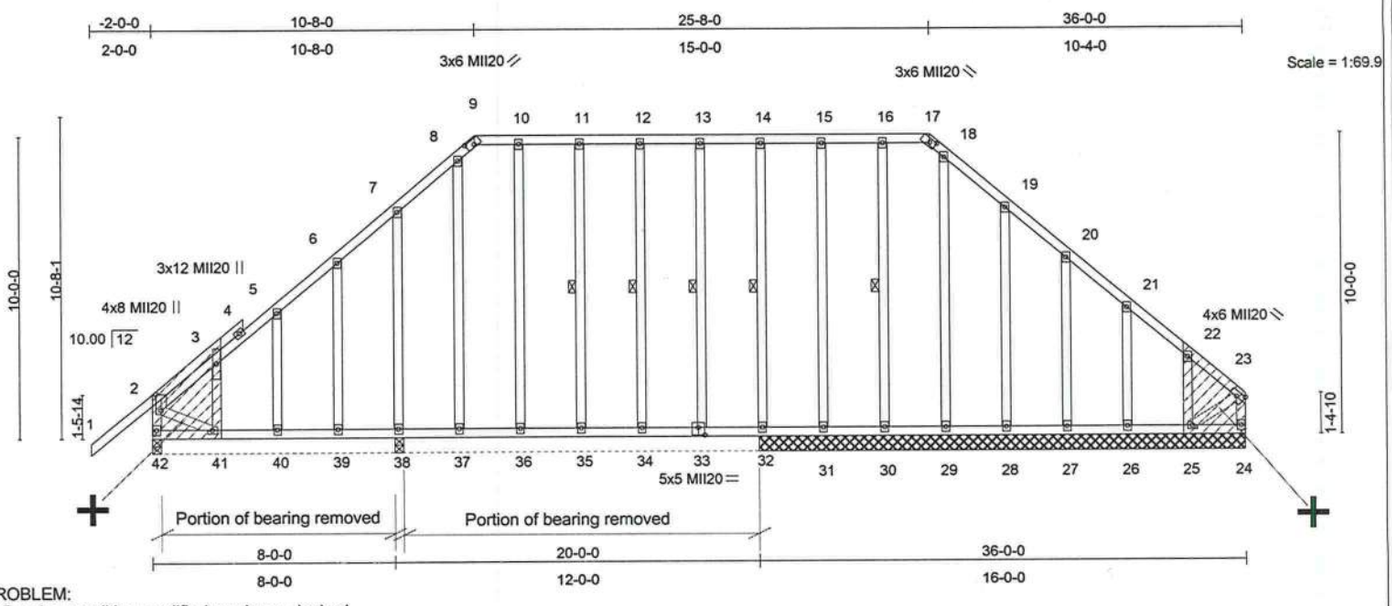
Truss Design Engineer's Name: Zhang, Guo-jie
My license renewal date for the state of is February 28, 2007.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

October 11,2005
Zhang, Guo-jie

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	T1784426
04-0949	A09	ROOF TRUSS	1	1	Job Reference (optional)	1 truss 1/2 unit gac

COX LUMBER CO., OCALA, FL. (Jason R.) 6.100 s Sep 17 2004 MiTek Industries, Inc. Mon Oct 10 14:13:23 2005 Page 1



PROBLEM:
1) Bearing condition modified as shown dashed.
2) Truss fully sheathed on one face.

REPAIR:
1) Install 2x4 #2 SYP members (+) using 1/2" CDX plywood or structurally equivalent material as shown hatched to each face of truss w/8d comm @ 2" o.c. into all intersecting members. The newly installed webs shall have solid wood-to-wood contact.
2) Blocking must be used between studs to transfer shear between top and bottom chords.

Repair Notes:
1) Truss must be temporarily shored to original undeflected position prior to performing the repair.
2) Apply all nails so as to avoid damaging of lumber & loosening of plates at joints

Plate Offsets (X,Y): [2:0-6-6,0-2-0], [9:0-3-2,0-2-2], [17:0-2-6,0-1-8], [33:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.69	Vert(LL)	-0.29	34-35	>500	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.77	Vert(TL)	-0.49	34-35	>292	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.03	24	n/a	n/a		
BCDL	10.0	Code FBC2001/TPI2002		(Matrix)							Weight: 318 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 41-42.
WEBS 1 Row at midpt 16-30, 14-32, 13-33, 12-34, 11-35

REACTIONS (lb/size) 42=1093/0-3-8, 24=1002/16-3-8, 29=-248/16-3-8, 30=142/16-3-8, 31=-313/16-3-8, 32=1013/16-3-8, 38=460/0-3-8, 28=223/16-3-8, 27=184/16-3-8, 26=194/16-3-8, 25=-233/16-3-8
Max Horz 42=366(load case 3)
Max Uplift 42=-210(load case 2), 24=-408(load case 3), 29=-331(load case 6), 30=-57(load case 2), 31=-342(load case 7), 32=-416(load case 2), 38=-410(load case 4), 28=-130(load case 5), 27=-119(load case 5), 26=-120(load case 5), 25=-354(load case 6)
Max Grav 42=1093(load case 1), 24=1002(load case 1), 29=186(load case 3), 30=152(load case 7), 31=145(load case 2), 32=1046(load case 7), 38=461(load case 6), 28=223(load case 1), 27=184(load case 1), 26=194(load case 1), 25=243(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-42=-1101/269, 1-2=0/93, 2-3=-850/272, 3-4=-870/388, 4-5=-828/404, 5-6=-828/373, 6-7=-788/378, 7-8=-873/314, 8-9=-670/262, 23-24=-969/409, 9-10=-619/249, 10-11=-619/249, 11-12=-619/249, 12-13=-619/249, 13-14=-619/249, 14-15=-619/249, 15-16=-619/249, 16-17=-619/249, 17-18=-591/234, 18-19=-871/338, 19-20=-852/343, 20-21=-853/351, 21-22=-853/360, 22-23=-846/369
BOT CHORD 41-42=-346/351, 40-41=-280/619, 39-40=-280/619, 38-39=-280/619, 37-38=-280/619, 36-37=-280/619, 35-36=-280/619, 34-35=-280/619, 33-34=-280/619, 32-33=-281/619, 31-32=-281/619, 30-31=-281/619, 29-30=-281/619, 28-29=-281/619, 27-28=-281/619, 26-27=-281/619, 25-26=-281/619, 24-25=-9/42
WEBS 18-29=-159/350, 16-30=-30/43, 15-31=0/75, 14-32=-574/264, 13-33=-27/47, 12-34=-83/67, 11-35=-59/59, 10-36=0/26, 8-37=-85/202, 7-38=-282/265, 6-39=-70/89, 5-40=-73/173, 3-41=-242/191, 19-28=-177/150, 20-27=-147/138, 21-26=-149/141, 22-25=-139/138, 2-41=-380/767, 23-25=-329/708

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

October 11,2005

Continued on page 2

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.
04-0949	A09	ROOF TRUSS	1	1	T1784426
					Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; end vertical left exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) All plates are 3x4 MII20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 42, 408 lb uplift at joint 24, 331 lb uplift at joint 29, 57 lb uplift at joint 30, 342 lb uplift at joint 31, 416 lb uplift at joint 32, 410 lb uplift at joint 38, 130 lb uplift at joint 28, 119 lb uplift at joint 27, 120 lb uplift at joint 26 and 354 lb uplift at joint 25.

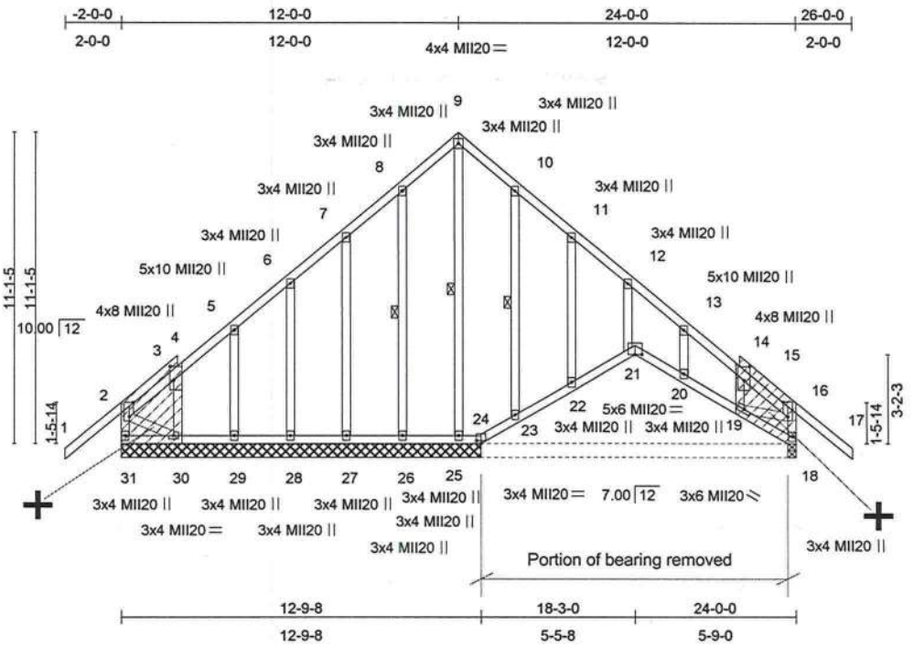
LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	T1784427
04-0949	B01	ROOF TRUSS	1	1	Job Reference (optional)	1 truss 1/2 unit gac

COX LUMBER CO., OCALA, FL. (Jason R.) 6.100 s Sep 17 2004 MiTek Industries, Inc. Mon Oct 10 13:58:08 2005 Page 1



PROBLEM:
1) Bearing condition modified as shown dashed.
2) Truss fully sheathed on one face.

REPAIR:
1) Install 2x4 #2 SYP members (+) using 1/2" CDX plywood or structurally equivalent material as shown hatched to each face of truss w/8d comm @ 2" o.c. into all intersecting members. The newly installed webs shall have solid wood-to-wood contact.
2) Blocking must be used between studs to transfer shear between top and bottom chords.

Repair Notes:
1) Truss must be temporarily shored to original undeflected position prior to performing the repair.
2) Apply all nails so as to avoid damaging of lumber & loosening of plates at joints

Plate Offsets (X,Y): [2:0-6-2,0-1-11], [3:0-5-14,0-1-8], [15:0-5-14,0-2-7], [16:0-6-7,0-2-0], [21:0-3-0,0-0-0], [24:0-2-0,0-1-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.71	Vert(LL)	-0.16	19-20	>912	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.63	Vert(TL)	-0.30	19-20	>475	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.70	Horz(TL)	0.21	18	n/a	n/a		
BCDL	10.0	Code FBC2001/TPI2002		(Matrix)							Weight: 195 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 18-19.
WEBS 1 Row at midpt 9-25, 8-26, 10-23

REACTIONS (lb/size) 31=-477/12-9-8, 18=149/0-3-8, 25=1998/12-9-8, 26=-156/12-9-8, 27=260/12-9-8, 28=175/12-9-8, 29=167/12-9-8, 30=431/12-9-8
Max Horz 31=376(load case 3)
Max Uplift 31=-728(load case 7), 18=-194(load case 5), 25=-319(load case 5), 26=-285(load case 7), 27=-144(load case 4), 28=-117(load case 4), 29=-109(load case 4), 30=-257(load case 4)
Max Grav 31=245(load case 4), 18=149(load case 1), 25=1998(load case 1), 26=179(load case 2), 27=260(load case 1), 28=183(load case 6), 29=181(load case 6), 30=431(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-31=-213/729, 1-2=0/93, 2-3=-343/757, 3-4=-284/658, 4-5=-305/808, 5-6=-210/821, 6-7=-110/817, 7-8=-5/820, 8-9=0/858, 9-10=0/881, 10-11=0/806, 11-12=-26/776, 12-13=-209/903, 13-14=-326/942, 14-15=-267/706, 15-16=-222/630, 16-17=0/93, 16-18=-44/136
BOT CHORD 30-31=-323/361, 29-30=-594/386, 28-29=-594/386, 27-28=-594/386, 26-27=-594/386, 25-26=-594/386, 24-25=-594/386, 23-24=-738/464, 22-23=-701/456, 21-22=-631/409, 20-21=-610/410, 19-20=-740/486, 18-19=-9/53
WEBS 9-25=-1295/0, 8-26=-133/109, 7-27=-146/148, 6-28=-154/139, 5-29=-142/134, 3-30=-79/66, 10-23=-46/34, 11-22=-102/115, 12-21=-299/261, 13-20=-223/167, 15-19=-170/353, 2-30=-663/414, 16-19=-701/407

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

October 11,2005

Continued on page 2

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	T1784427
04-0949	B01	ROOF TRUSS	1	1	Job Reference (optional)	

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; end vertical left exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 728 lb uplift at joint 31, 194 lb uplift at joint 18, 319 lb uplift at joint 25, 285 lb uplift at joint 26, 144 lb uplift at joint 27, 117 lb uplift at joint 28, 109 lb uplift at joint 29 and 257 lb uplift at joint 30.

LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

23128

MiTek Industries, Inc.
1801 Massaro Blvd.
Tampa, Fl 33619
Phone: 813/675-1200
Fax: 813/675-1148

RE: 04-0949 - Edgeley Construction / Rix Res.

Site Information:
Project Customer: Edgeley Construction
Project Name: Rix Residence
Lot/Block:
Subdivision:
Address: Alachua County
City:
State:

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2001/TPI200
Design Program: MiTek 20/20 6.1
Wind Code: ASCE 7-98 Wind Speed: 110 mph
Design Method: Main Wind Force Resisting System ASCE 7-98
Roof Load: 47.0 psf
Floor Load: N/A psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Job ID#	Truss Name	Date
1	T1784425	04-0949	A09	10/11/05
2	T1784427	04-0949	B01	10/11/05

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Cox Lumber-Ocala, FL.

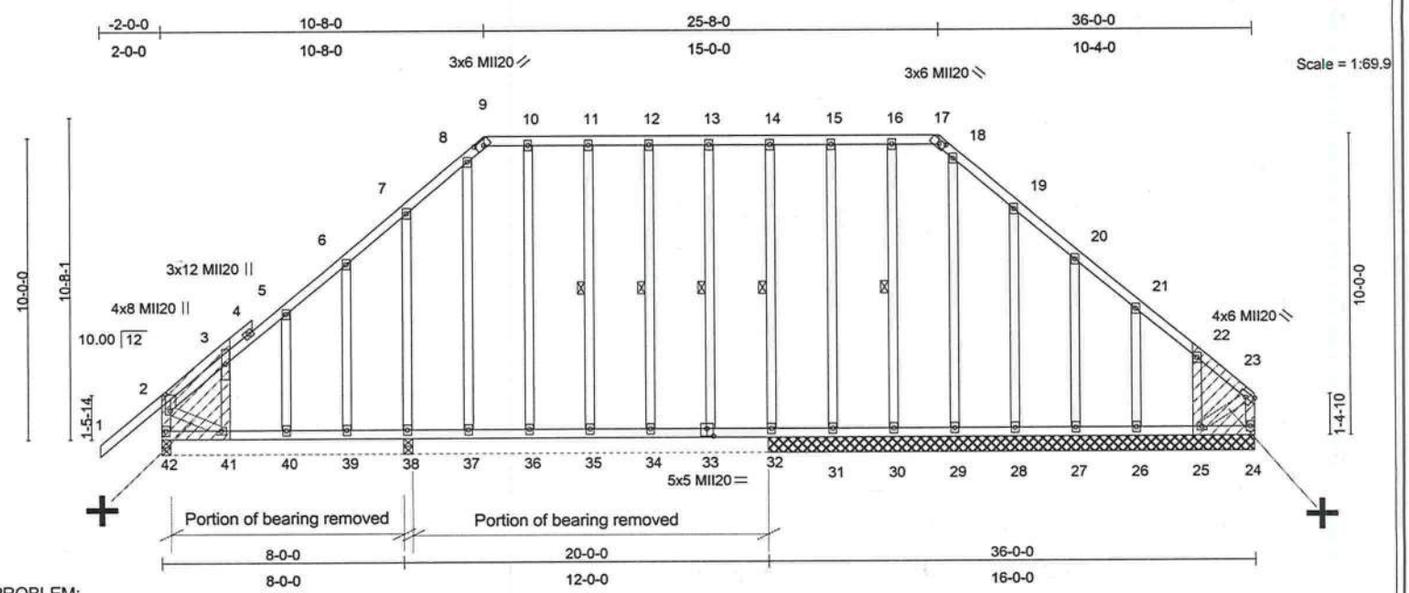
Truss Design Engineer's Name: Zhang, Guo-jie
My license renewal date for the state of is February 28, 2007.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

October 11,2005
Zhang, Guo-jie

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	
04-0949	A09	ROOF TRUSS	1	1	Job Reference (optional)	T1784426 1 truss 1/2 unit gac

COX LUMBER CO., OCALA, FL. (Jason R.) 6.100 s Sep 17 2004 MiTek Industries, Inc. Mon Oct 10 14:13:23 2005 Page 1



PROBLEM:
1) Bearing condition modified as shown dashed.
2) Truss fully sheathed on one face.

REPAIR:
1) Install 2x4 #2 SYP members (+) using 1/2" CDX plywood or structurally equivalent material as shown hatched to each face of truss w/8d comm @ 2" o.c. into all intersecting members. The newly installed webs shall have solid wood-to-wood contact.
2) Blocking must be used between studs to transfer shear between top and bottom chords.

Repair Notes:
1) Truss must be temporarily shored to original undeflected position prior to performing the repair.
2) Apply all nails so as to avoid damaging of lumber & loosening of plates at joints

Plate Offsets (X,Y): [2:0-6-6,0-2-0], [9:0-3-2,0-2-2], [17:0-2-6,0-1-8], [33:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.69	Vert(LL)	-0.29	34-35	>500	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.77	Vert(TL)	-0.49	34-35	>292	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.03	24	n/a	n/a		
BCDL	10.0	Code FBC2001/TPI2002		(Matrix)							Weight: 318 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 41-42.
WEBS 1 Row at midpt 16-30, 14-32, 13-33, 12-34, 11-35

REACTIONS (lb/size) 42=1093/0-3-8, 24=1002/16-3-8, 29=-248/16-3-8, 30=142/16-3-8, 31=-313/16-3-8, 32=1013/16-3-8, 38=460/0-3-8, 28=223/16-3-8, 27=184/16-3-8, 26=194/16-3-8, 25=-233/16-3-8
Max Horz 42=366(load case 3)
Max Uplift 42=-210(load case 2), 24=-408(load case 3), 29=-331(load case 6), 30=-57(load case 2), 31=-342(load case 7), 32=-416(load case 2), 38=-410(load case 4), 28=-130(load case 5), 27=-119(load case 5), 26=-120(load case 5), 25=-354(load case 6)
Max Grav 42=1093(load case 1), 24=1002(load case 1), 29=186(load case 3), 30=152(load case 7), 31=145(load case 2), 32=1046(load case 7), 38=461(load case 6), 28=223(load case 1), 27=184(load case 1), 26=194(load case 1), 25=243(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-42=-1101/269, 1-2=0/93, 2-3=-850/272, 3-4=-870/388, 4-5=-828/404, 5-6=-828/373, 6-7=-788/378, 7-8=-873/314, 8-9=-670/262, 23-24=-969/409, 9-10=-619/249, 10-11=-619/249, 11-12=-619/249, 12-13=-619/249, 13-14=-619/249, 14-15=-619/249, 15-16=-619/249, 16-17=-619/249, 17-18=-591/234, 18-19=-871/338, 19-20=-852/343, 20-21=-853/351, 21-22=-853/360, 22-23=-846/369
BOT CHORD 41-42=-346/351, 40-41=-280/619, 39-40=-280/619, 38-39=-280/619, 37-38=-280/619, 36-37=-280/619, 35-36=-280/619, 34-35=-280/619, 33-34=-280/619, 32-33=-281/619, 31-32=-281/619, 30-31=-281/619, 29-30=-281/619, 28-29=-281/619, 27-28=-281/619, 26-27=-281/619, 25-26=-281/619, 24-25=-9/42
WEBS 18-29=-159/350, 16-30=-30/43, 15-31=0/75, 14-32=-574/264, 13-33=-27/47, 12-34=-83/67, 11-35=-59/59, 10-36=0/26, 8-37=-85/202, 7-38=-282/265, 6-39=-70/89, 5-40=-73/173, 3-41=-242/191, 19-28=-177/150, 20-27=-147/138, 21-26=-149/141, 22-25=-139/138, 2-41=-380/767, 23-25=-329/708

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MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

October 11,2005

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1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.
04-0949	A09	ROOF TRUSS	1	1	T1784426 Job Reference (optional)

COX LUMBER CO., OCALA, FL. (Jason R.) 6.100 s Sep 17 2004 MiTek Industries, Inc. Mon Oct 10 14:13:23 2005 Page 2

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; end vertical left exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) All plates are 3x4 MII20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 42, 408 lb uplift at joint 24, 331 lb uplift at joint 29, 57 lb uplift at joint 30, 342 lb uplift at joint 31, 416 lb uplift at joint 32, 410 lb uplift at joint 38, 130 lb uplift at joint 28, 119 lb uplift at joint 27, 120 lb uplift at joint 26 and 354 lb uplift at joint 25.

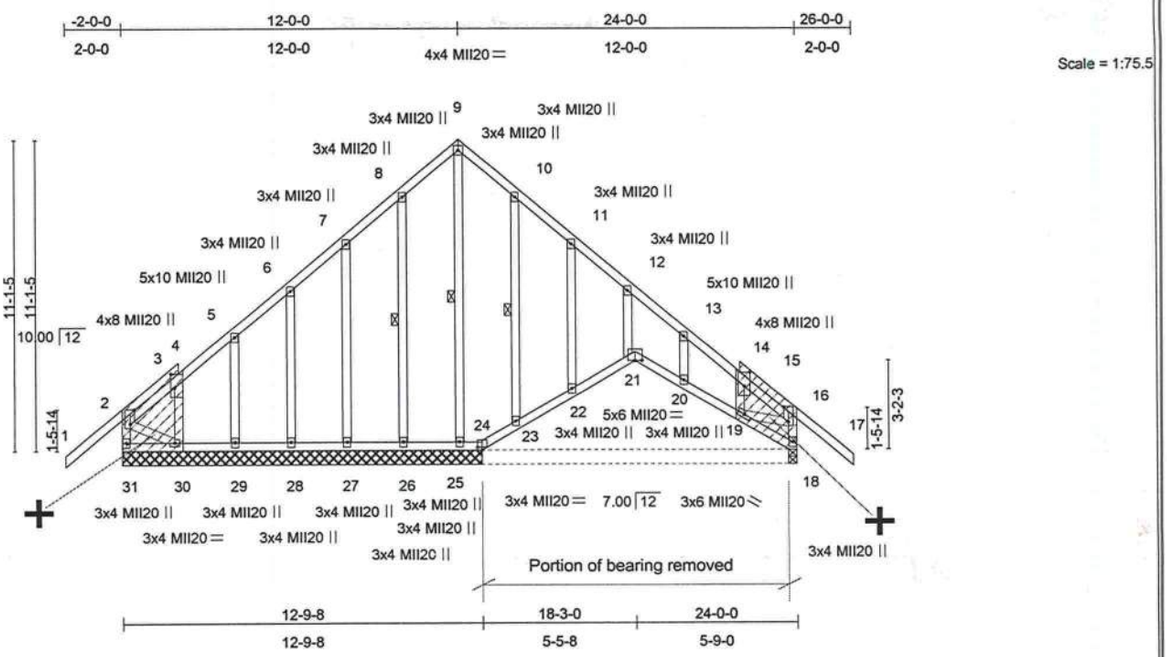
LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	
04-0949	B01	ROOF TRUSS	1	1	Job Reference (optional)	T1784427 1 truss 1/2 unit gac

COX LUMBER CO., OCALA, FL. (Jason R.) 6.100 s Sep 17 2004 MiTek Industries, Inc. Mon Oct 10 13:58:08 2005 Page 1



PROBLEM:
1) Bearing condition modified as shown dashed.
2) Truss fully sheathed on one face.

REPAIR:
1) Install 2x4 #2 SYP members (+) using 1/2" CDX plywood or structurally equivalent material as shown hatched to each face of truss w/8d comm @ 2" o.c. into all intersecting members. The newly installed webs shall have solid wood-to-wood contact.
2) Blocking must be used between studs to transfer shear between top and bottom chords.

Repair Notes:
1) Truss must be temporarily shored to original undeflected position prior to performing the repair.
2) Apply all nails so as to avoid damaging of lumber & loosening of plates at joints

Plate Offsets (X,Y): [2:0-6-2,0-1-11], [3:0-5-14,0-1-8], [15:0-5-14,0-2-7], [16:0-6-7,0-2-0], [21:0-3-0,0-0-0], [24:0-2-0,0-1-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.71	Vert(LL)	-0.16	19-20	>912	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.63	Vert(TL)	-0.30	19-20	>475	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.70	Horz(TL)	0.21	18	n/a	n/a		
BCDL	10.0	Code FBC2001/TPI2002		(Matrix)							Weight: 195 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 18-19.
WEBS 1 Row at midpt 9-25, 8-26, 10-23

REACTIONS (lb/size) 31=-477/12-9-8, 18=149/0-3-8, 25=1998/12-9-8, 26=-156/12-9-8, 27=260/12-9-8, 28=175/12-9-8, 29=167/12-9-8, 30=431/12-9-8
Max Horz 31=376(load case 3)
Max Uplift 31=-728(load case 7), 18=-194(load case 5), 25=-319(load case 5), 26=-285(load case 7), 27=-144(load case 4), 28=-117(load case 4), 29=-109(load case 4), 30=-257(load case 4)
Max Grav 31=245(load case 4), 18=149(load case 1), 25=1998(load case 1), 26=179(load case 2), 27=260(load case 1), 28=183(load case 6), 29=181(load case 6), 30=431(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-31=-213/729, 1-2=0/93, 2-3=-343/757, 3-4=-284/658, 4-5=-305/808, 5-6=-210/821, 6-7=-110/817, 7-8=-5/820, 8-9=0/858, 9-10=0/881, 10-11=0/806, 11-12=-26/776, 12-13=-209/903, 13-14=-326/942, 14-15=-267/706, 15-16=-222/630, 16-17=0/93, 16-18=-44/136
BOT CHORD 30-31=-323/361, 29-30=-594/386, 28-29=-594/386, 27-28=-594/386, 26-27=-594/386, 25-26=-594/386, 24-25=-594/386, 23-24=-738/464, 22-23=-701/456, 21-22=-631/409, 20-21=-610/410, 19-20=-740/486, 18-19=-9/53
WEBS 9-25=-1295/0, 8-26=-133/109, 7-27=-146/148, 6-28=-154/139, 5-29=-142/134, 3-30=-79/66, 10-23=-46/34, 11-22=-102/115, 12-21=-299/261, 13-20=-223/167, 15-19=-170/353, 2-30=-663/414, 16-19=-701/407

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MiTek®

Job	Truss	Truss Type	Qty	Ply	Edgeley Construction / Rix Res.	T1784427
04-0949	B01	ROOF TRUSS	1	1	Job Reference (optional)	

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; end vertical left exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 728 lb uplift at joint 31, 194 lb uplift at joint 18, 319 lb uplift at joint 25, 285 lb uplift at joint 26, 144 lb uplift at joint 27, 117 lb uplift at joint 28, 109 lb uplift at joint 29 and 257 lb uplift at joint 30.

LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

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 11-7S-17-09983-001 Building permit No. 000023128

Use Classification SFD,UTILITY Fire: 0.00

Permit Holder DOUG EDGLEY Waste:

Owner of Building BRIAN & CORINA RIX Total: 0.00

Location: 1183 SE ADAMS ST, HIGH SPRINGS, FL 32643

Date: 12/15/2005

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Dairy DR
City L.C. Phone 752-1703

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 23128
Address 1183 SE ADAMS St High Springs

Product used	Active Ingredient	% Concentration
☐ Dursban TC	Chlorpyrifos	0.5%
☒ Termidor	Fipronil	0.06%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Perimeter	~~1230~~	260	104

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line D.C..

12/9/05 Date | 12:00 Time | F. 284 Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
6/04 ©