

Columbia County Building Permit Application

left mess and 1-20-06 Revised 9-23-04

For Office Use Only Application # 0001-32 Date Received 1/11/06 By GA Permit # 956/24065
Application Approved by - Zoning Official BLK Date 19.01.06 Plans Examiner OK JTH Date 1-18-06
Flood Zone X per survey Development Permit MA Zoning A-3 Land Use Plan Map Category A-3
Comments Feed / 477/

Applicants Name Lewis Colson Phone (352) 378-2104 378-2212 FAX
Address 3845 NW 37th Place Gainesville, FL 32606
Owners Name Lewis Colson Phone _____
911 Address 400 SW Thorne Lane, Ft. White 32038
Contractors Name LEJA, Construction, Inc Phone (352) 378-2104
Address 3845 NW 37th Place Gainesville, FL 32606
Fee Simple Owner Name & Address LEJA, Construction, Inc
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Steve Ryall Architectural Drafting 16794 NW 212th Terrace High Springs FL 32643
Mortgage Lenders Name & Address Florida Citizens Bank 3919 W Newberry Rd. 32607 Cathy Rowe
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number R10058-636 30-75-17 Estimated Cost of Construction \$150,000
Subdivision Name Santa FE River Plantations Lot 46 Block _____ Unit _____ Phase _____
Driving Directions From Ft. White, take HWY 27 South towards River, Turn R onto Mapleton, go 1/10 mile & turn R onto Heflin, go another 1/10 mile turn L on Thorne Lane Property on left.
Type of Construction SFR Number of Existing Dwellings on Property 0
Total Acreage 15 ± Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 95' Side R 53' Side L 74' Rear 215'
Total Building Height 14' Number of Stories 1 Heated Floor Area 1434 Roof Pitch 5/12
Porches 344 Garage 506 TOTAL 2284

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.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 11th day of JANUARY 20 06

Personally known _____ or Produced Identification OK

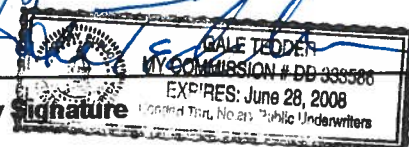
Contractor Signature

Contractors License Number CBC 058626

Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature



-- OK# 4230
4231-5000

Webbie

DATE: 01/23/2006

BUILDING PERMIT NO. 24065

PHONE 352.378.2104

GAINESVILLE

FL 32038

PHONE 352.378.2104

FT. WHITE

FL 32038

PHONE 352.378.2104

TO THORNE, TL & THE PROPERTY IS ON THE L.

46

SIGNATURE:

MAKE CHECKS PAYABLE TO BCC

APPROVED

NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS:

SIGNED:

DATE:

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



Prepared by and return to:

James M. Donohoe, Jr., P.A.
5214-A SW 91st Drive
Gainesville, FL 32608-3006
352-371-3312
File Number: 05-084 Adams

Inst: 2005021286 Date: 08/31/2005 Time: 13:42

Doc Stamp-Deed : 332.50

DC, P. DeWitt Casson, Columbia County B:1056 P:2493

(Space Above This Line For Recording Data)

Warranty Deed

This Warranty Deed made this 25th day of August, 2005 between E. Dwight Adams, a married man conveying non-homestead property, whose post office address is 2507 NW 24th Terrace, Gainesville, FL 32605, grantor, and LEJA Construction, Inc., a Florida Corporation whose post office address is 3845 NW 37 Place, Gainesville, FL 32606, grantee.

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

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 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:

Lot 46, A Replat of Lots 38, 45, and 46 of Santa Fe River Plantations, according to the map or plat thereof as recorded in Plat Book 5, Page(s) 13 through 13-D, Public Records of Columbia County, Florida.

Parcel Identification Number: R10058-636

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple, that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in our presence

James M. Donohoe, Jr.
Witness Name: James M. Donohoe, Jr.

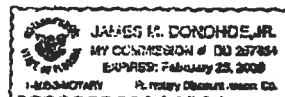
James M. Donohoe, Jr.
Witness Name: James M. Donohoe, Jr.

E. Dwight Adams
E. Dwight Adams

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 25th day of August, 2005 by E. Dwight Adams, who ☐ is personally known or ☒ has produced a driver's license as identification.

(Notary Seal)



James M. Donohoe, Jr.
Notary Public

Printed Name: _____

My Commission Expires: _____

DoubleTime

Inst:2005000203 Date:01/05/2006 Time:13:45

B DC, P. Dewitt Cason, Columbia County B:1070 P:730PERMIT NO. _____
TAX FOLIO NO. _____**NOTICE OF COMMENCEMENT**STATE OF FLORIDA
COUNTY OF ALACHUA

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 46, A Replat of Lots 38, 45, and 46 of Santa Fe River Plantations, according to the map or plat thereof as recorded in Plat Book 5, Page(s) 13 through 13-D, Public Records of Columbia County, Florida.
2. General description of improvement: Single Family Dwelling
3. Owner information:
 - a. Name and address: LEJA CONSTRUCTION, INC.
3845 N. W. 37th Place
Gainesville, FL 32606
 - b. Interest in property: Fee simple
 - c. Name and address of fee simple titleholder (if other than Owner):
4. Contractor: LEJA CONSTRUCTION, INC.
3845 N. W. 37th Place, Gainesville, FL 32606
(352) 378-2104
5. Surety: N/A
 - a. Name and address:
 - b. Amount of bond \$
6. Lender: FLORIDA CITIZENS BANK
3919 West Newberry Road
Gainesville, FL 32607
(352) 264-7100

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:

8. In addition to himself, Owner designates Florida Citizens Bank, 3919 West Newberry Road, Gainesville, FL 32607, 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) _____.

LEJA CONSTRUCTION, INC.

BY: Lewis C. Colson PRES.
LEWIS C. COLSON, PRESIDENT

The foregoing instrument was acknowledged before me this 4th day of January, 2006, by LEWIS C. COLSON as PRESIDENT of LEJA CONSTRUCTION, INC., a Florida corporation, for the corporation. He is personally known to me or has produced a Driver's License as identification.

[Signature]
Notary Public, State of Florida
My commission expires:

w2.2006-04.nc



This instrument Prepared by, and refers to:

WAYNE P. CASTELLO

Attorney at Law

2772 N. W. 43rd Street, Suite W
Gainesville, Florida 32605



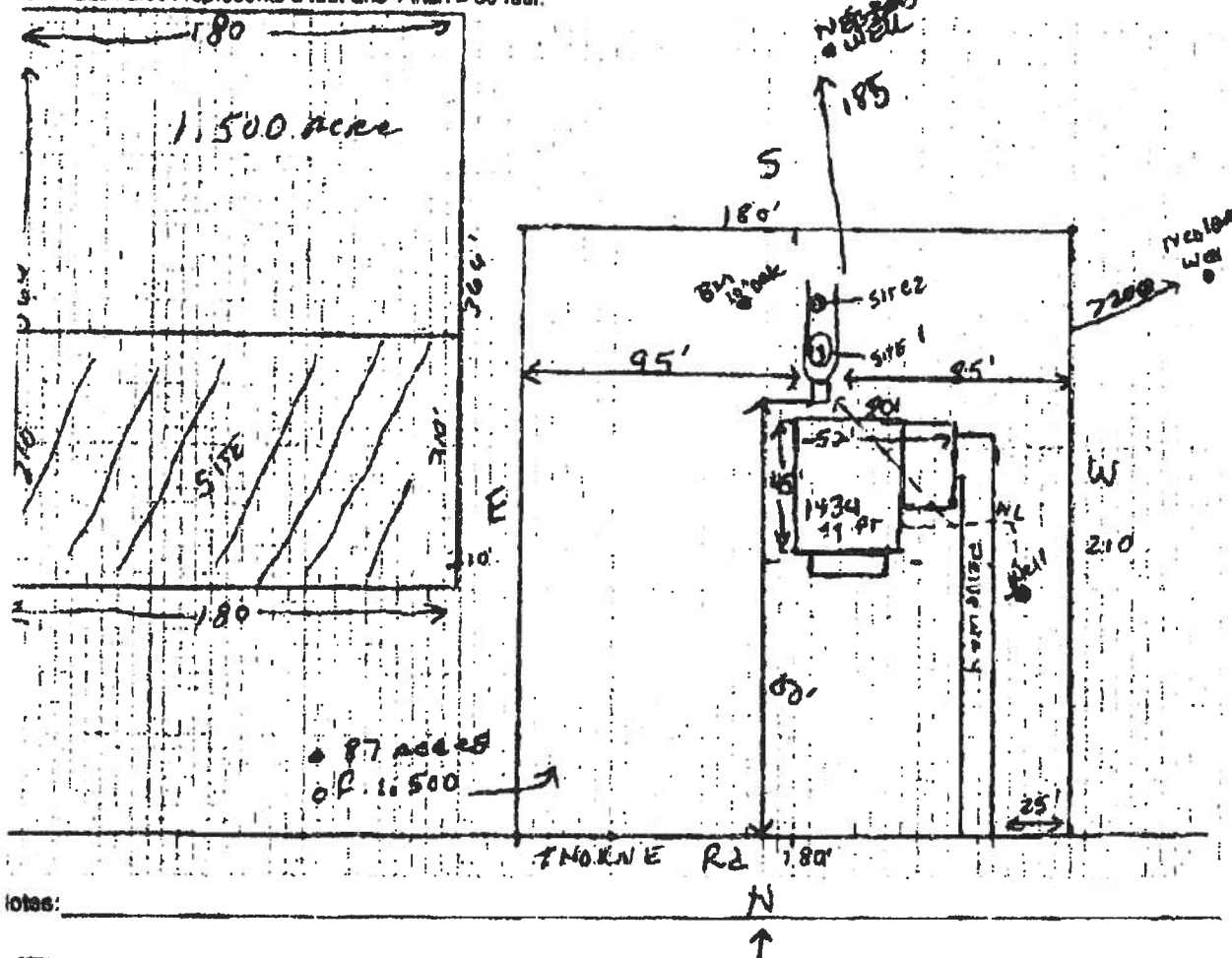
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-1280N

PART II - SITE PLAN.

note: Each block represents 5 feet and 1 inch = 50 feet.

**Notes:**

Site Plan submitted by: Robert W Ford

Signature

Agnes

2

Not Approved ✓

Not Approved

Date 1-4-25

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mor o h

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 30-7S-17-10058-636

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	LEJA CONSTRUCTION INC
Site Address	
Mailing Address	3845 NW 37TH PL GAINESVILLE, FL 32606
Brief Legal	LOT 46 SANTE FE RIVER PLANTATIONS REPLAT OF LOT 38. ORB 490-20, 726-104, 739-270

Use Desc. (code)	VACANT (000000)
Neighborhood	30717.01
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	1.500 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$17,100.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$17,100.00

Just Value	\$17,100.00
Class Value	\$0.00
Assessed Value	\$17,100.00
Exempt Value	\$0.00
Total Taxable Value	\$17,100.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/25/2005	1056/2493	WD	V	Q		\$47,500.00
11/20/1995	816/424	WD	V	U	03	\$0.00
11/28/1990	739/270	WD	V	Q		\$7,600.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.500 AC	1.00/1.00/1.00/1.00	\$11,400.00	\$17,100.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

1 of 1

CLYATT WELL DRILLING, INC.**(Established in 1971)****Post Office Box 180****Worthington Springs, FL 32697****Phone (386)496-2423 FAX (386)496-4640****WELL DESCRIPTION****DESCRIPTION DATE****CUSTOMER NAME AND ADDRESS**

G.C. Construction
Attn.: Jessica
Post Office Box 5893
Gainesville, Florida 32627

DESCRIPTION OF WORK

4" Well and Pump
FAX #386-418-0527

DESCRIPTION

4" Well
1 HP Submersible Pump
1-1/4" Galvanized Drop Pipe
14/3 Submersible Pump Wire
81 Gallon Captive Air Tank
4 X 1-1/4 Well Seal
Pressure Relief Valve
Controls, Wire and Fittings
Sales Tax @ 7%

THANK YOU FOR YOUR BUSINESS! This document is provided to give a description of the well to be constructed on your behalf. All materials remain the property of Clyatt Well Drilling, Inc., until paid for in full. Clyatt Well Drilling, Inc., does not agree to find or develop water, nor does it represent, warrant or guarantee the quality or kind of water which may be encountered. If it is necessary to install water filters, the owner agrees it is his/her responsibility to pay the cost. Right to repossess is granted if payment for well is not made.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **G.C. Construction -Lot #46**
Address:
City, State: ,
Owner:
Climate Zone: **North**

Builder:
Permitting Office: *Columbia*
Permit Number:
Jurisdiction Number: *220000*

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) 1434 ft² ☐
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 - a. U-factor: Description Area
(or Single or Double DEFAULT) 7a.(Dble Default) 143.0 ft² ☐
 - b. SHGC:
(or Clear or Tint DEFAULT) 7b. (Clear) 143.0 ft² ☐
8. Floor types
 - a. Slab-On-Grade Edge Insulation R=0.0, 176.0(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types
 - a. Frame, Wood, Exterior R=13.0, 1144.0 ft² ☐
 - b. Frame, Wood, Adjacent R=13.0, 264.0 ft² ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types
 - a. Under Attic R=30.0, 1434.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts
 - a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 186.0 ft ☐
 - b. N/A ☐

12. Cooling systems
 - a. Central Unit Cap: 42.0 kBtu/hr
SEER: 13.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems
 - a. Electric Heat Pump Cap: 42.0 kBtu/hr
HSPF: 8.40 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems
 - a. Electric Resistance Cap: 50.0 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) ☐

Glass/Floor Area: 0.10

Total as-built points: 19461

Total base points: 23632

PASS

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

PREPARED BY: *[Signature]*

DATE: 12-27-05

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: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1434.0	20.04	5172.7	Double, Clear	E	0.0	0.0	60.0	42.06	1.00	2523.8
				Double, Clear	S	0.0	0.0	19.0	35.87	1.00	681.5
				Double, Clear	W	0.0	0.0	30.0	38.52	1.00	1155.7
				Double, Clear	N	0.0	0.0	34.0	19.20	1.00	652.8
				As-Built Total:			143.0			5013.8	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	264.0	0.70	184.8	Frame, Wood, Exterior	13.0		1144.0		1.50		1716.0
Exterior	1144.0	1.70	1944.8	Frame, Wood, Adjacent	13.0		264.0		0.60		158.4
Base Total:				1408.0		2129.6		As-Built Total:		1408.0 1874.4	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			30.0		4.10		123.0
Exterior	30.0	6.10	183.0	Adjacent Insulated			20.0		1.60		32.0
Base Total:				50.0		231.0		As-Built Total:		50.0 155.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1434.0	1.73	2480.8	Under Attic	30.0		1434.0		1.73 X 1.00		2480.8
Base Total:				1434.0		2480.8		As-Built Total:		1434.0 2480.8	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	176.0(p)	-37.0	-6512.0	Slab-On-Grade Edge Insulation	0.0		176.0(p)		-41.20		-7251.2
Raised	0.0	0.00	0.0								
Base Total:						-6512.0		As-Built Total:		176.0 -7251.2	
INFILTRATION Area X BSPM = Points								Area X SPM = Points			
				1434.0		10.21		14641.1			
								1434.0			10.21 14641.1

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 18143.3				Summer As-Built Points: 16914.0						
Total Summer Points	X Multiplier	=	Cooling Points	Total Component (System - Points)	X Ratio (DM x DSM x AHU)	X Cap Multiplier	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Cooling Points
18143.3	0.4266		7739.9	(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 16914 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 5052.1 16914.0 1.00 1.138 0.263 1.000 5052.1						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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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	1434.0	12.74	3288.4	Double, Clear	E	0.0	0.0	60.0	18.79	1.00	1127.6
				Double, Clear	S	0.0	0.0	19.0	13.30	1.00	252.6
				Double, Clear	W	0.0	0.0	30.0	20.73	1.00	621.8
				Double, Clear	N	0.0	0.0	34.0	24.58	1.00	835.6
				As-Built Total: 143.0 2837.7							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	264.0	3.60	950.4	Frame, Wood, Exterior			13.0	1144.0	3.40		3889.6
Exterior	1144.0	3.70	4232.8	Frame, Wood, Adjacent			13.0	264.0	3.30		871.2
Base Total: 1408.0 5183.2				As-Built Total: 1408.0 4760.8							
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	30.0	12.30	369.0	Adjacent Insulated				20.0	8.00		160.0
Base Total: 50.0 599.0				As-Built Total: 50.0 412.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1434.0	2.05	2939.7	Under Attic			30.0	1434.0	2.05 X 1.00		2939.7
Base Total: 1434.0 2939.7				As-Built Total: 1434.0 2939.7							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	176.0(p)	8.9	1566.4	Slab-On-Grade Edge Insulation			0.0	176.0(p)	18.80		3308.8
Raised	0.0	0.00	0.0								
Base Total: 1566.4				As-Built Total: 176.0 3308.8							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1434.0 -0.59 -846.1				1434.0 -0.59 -846.1							

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		12730.7		Winter As-Built Points:				13412.9		
Total Winter Points	X System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
12730.7	0.6274		7987.2	(sys 1: Electric Heat Pump 42000 btuh ,EFF(8.4) Ducts:Unc(S),Unc(R),Int(AH),R6.0 13412.9 1.000 (1.069 x 1.169 x 0.93) 0.406 1.000 6328.1 13412.9 1.00 1.162 0.406 1.000 6328.1						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier X Credit	= Total Multiplier
3		2635.00	7905.0	50.0	0.90	3	1.00	2693.56	8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	= Total Points
7740		7987		7905	23632	5052		6328	19461

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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 612.1.ABC.3.2. 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* = 86.4

The higher the score, the more efficient the home.

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 42.0 kBtu/hr ___
3. Number of units, if multi-family	1	___		SEER: 13.00 ___
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1434 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 42.0 kBtu/hr ___
(or Single or Double DEFAULT) 7a. (Dble Default)	143.0 ft ²	___		HSPF: 8.40 ___
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT) 7b. (Clear)	143.0 ft ²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	___	a. Electric Resistance	Cap: 50.0 gallons ___
b. N/A	___	___		EF: 0.90 ___
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 1144.0 ft ²	___	(HR-Heat recovery, Solar	___
b. Frame, Wood, Adjacent	R=13.0, 264.0 ft ²	___	DHP-Dedicated heat pump)	___
c. N/A	___	___	15. HVAC credits	___
d. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
e. N/A	___	___	HF-Whole house fan,	___
10. Ceiling types		___	PT-Programmable Thermostat,	___
a. Under Attic	R=30.0, 1434.0 ft ²	___	MZ-C-Multizone cooling,	___
b. N/A	___	___	MZ-H-Multizone heating)	___
c. N/A	___	___		___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 186.0 ft	___		___
b. N/A	___	___		___

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

Builder Signature: _____ Date: _____

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



***NOTE:** The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

CLYATT WELL DRILLING, INC.**(Established in 1971)****Post Office Box 180****Worthington Springs, FL 32697****Phone (386)496-2483 FAX (386)496-4640****WELL DESCRIPTION****DESCRIPTION DATE****CUSTOMER NAME AND ADDRESS**

G.C. Construction
Attn.: Jessica
Post Office Box 5893
Gainesville, Florida 32627

DESCRIPTION OF WORK

4" Well and Pump
FAX #386-418-0527

DESCRIPTION

4" Well
1 HP Submersible Pump
1-1/4" Galvanized Drop Pipe
14/3 Submersible Pump Wire
81 Gallon Captive Air Tank
4 X 1-1/4 Well Seal
Pressure Relief Valve
Controls, Wire and Fittings
Sales Tax @ 7%

THANK YOU FOR YOUR BUSINESS! This document is provided to give a description of the well to be constructed on your behalf. All materials remain the property of Clyatt Well Drilling, Inc., until paid for in full. Clyatt Well Drilling, Inc., does not agree to find or develop water, nor does it represent, warrant or guarantee the quality or kind of water which may be encountered. If it is necessary to install water filters, the owner agrees it is his/her responsibility to pay the cost. Right to repurchase is granted if payment for well is not made.



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AC# 1453761

CBC058626 06/17/04 030731688

CERTIFIED BUILDING CONTRACTOR
COLSON, LEWIS CALVIN
LEJA CONSTRUCTION INC

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date: AUG 31, 2006 L04061700647



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AC# 2050673

QB0010021 06/24/05 041019838

QUALIFIED BUSINESS ORGANIZATION
LEJA CONSTRUCTION INC

(NOT A LICENSE TO PERFORM WORK.
ALLOWS COMPANY TO DO BUSINESS IF
IT HAS A LICENSED QUALIFIER.)

IS QUALIFIED under the provisions of Ch.489 FS.
Expiration date: AUG 31, 2007 L05062400944

TRUSS TIE DOWNS FOR APPLICATION #0601-31

TRUSS	FASTENERS	UPLIFT
A1	H2.5 EACH END	248/248
A2	H2.5 EACH END	249/219
A3	H2.5	250/219
A4	H2.5	250/219
A5	ST22@48"OC	14/180 GABLE
B1	H2.5	392/392
B2	H2.5	180/180
B3	ST22@48"OC	180/17 GABLE
HJ7	H2.5	180, 16D X 2 ON TAILS
EJ7	H2.5	180, 16D X 2 ON TAILS
CJ5	H2.5	180, 16D X 2 ON TAILS
CJ3	H2.5	180, 16D X 2 ON TAILS
CJ1	H2.5	180, 16D X 2 ON TAILS

16D COMMON NAIL 115LB PER NAIL

H2.5 = 365

90 - H2.5

26 - ST22

12 - AB44Z

12 - MSTA21

RESIDENTIAL WIND DESIGN & ANALYSIS
NO COPIES ARE TO BE PERMITTED \ FBC2004

PREPARED FOR:

G. C. CONSTRUCTION \ LOT 46 SANTA FE RIVER PLANTATIONS

PREPARED BY:

MARTY R. ESKRIDGE
14952 MAIN ST
ALACHUA FL 32615
386-462-1340 / 352-375-6329

SUMMARY

OF WIND DESIGN & ANALYSIS

Trusses: Lumber type So. Pine Grade #1 #2 #3 Size 2 x 4 Spacing 24 in.

Hurricane anchors: Interior: Mfr * Model *
End: Mfr * Model *

Roof sheathing: Type OSB Size 7/16 Fastener type Nails Size 8d/13/6 in.
Interior zone spacing: Interior 8 in. Periphery 4 in.
Edge and end zone spacing: Interior 8 in. Periphery 4 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 12 in.

Studs: Wood or Steel: Wood Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
52' Trans: Fastener 8d/13/6 in. Spacing: Int 8 in. Edge 4 in.
37' Long: Fastener 8d/13/6 in. Spacing: Int 8 in. Edge 4 in.

Wall tension transferred by: Siding nails 8d/13/6 in. @ 4 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi
Size 1/2 in. Shape L Washer 2" Embedment 6 in.
Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C.

Hold-down device: Mfr _____ Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.

Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. # 5 at 96 in.
Monolithic footing: Depth 18 in. Bottom width 12 in.

Footing: Width 20 in. Depth 10 in. Reinforcing 2 -# 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 4x4x8' 5/8" PT @ 106' O.C.

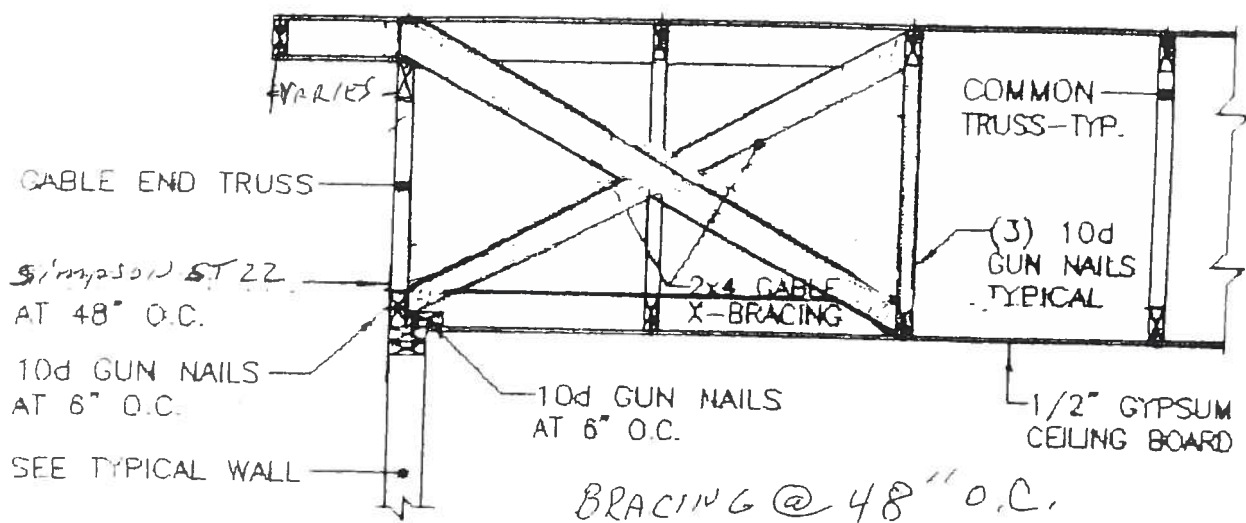
Porch Column Fasteners: Simpson 16044/CC 44 OR EQUAL

NOTE:

1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.

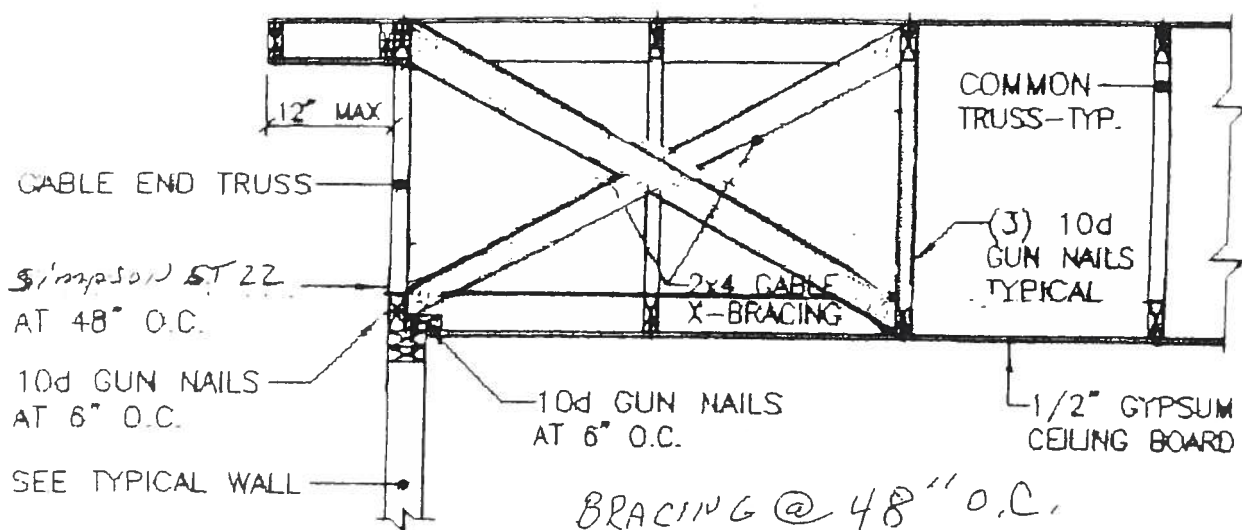
46 SFRP


ANN 013385
11/17/05



GABLE END DETAIL

SCALE: NTS

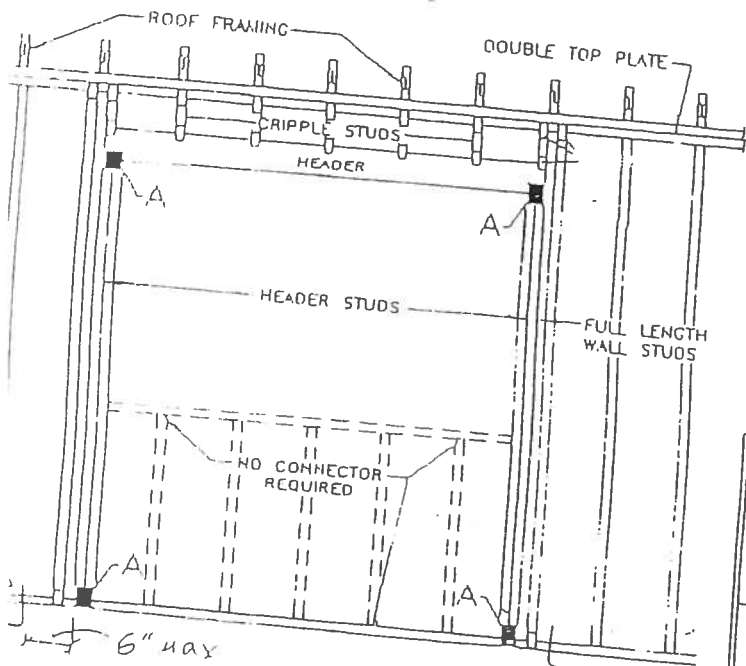
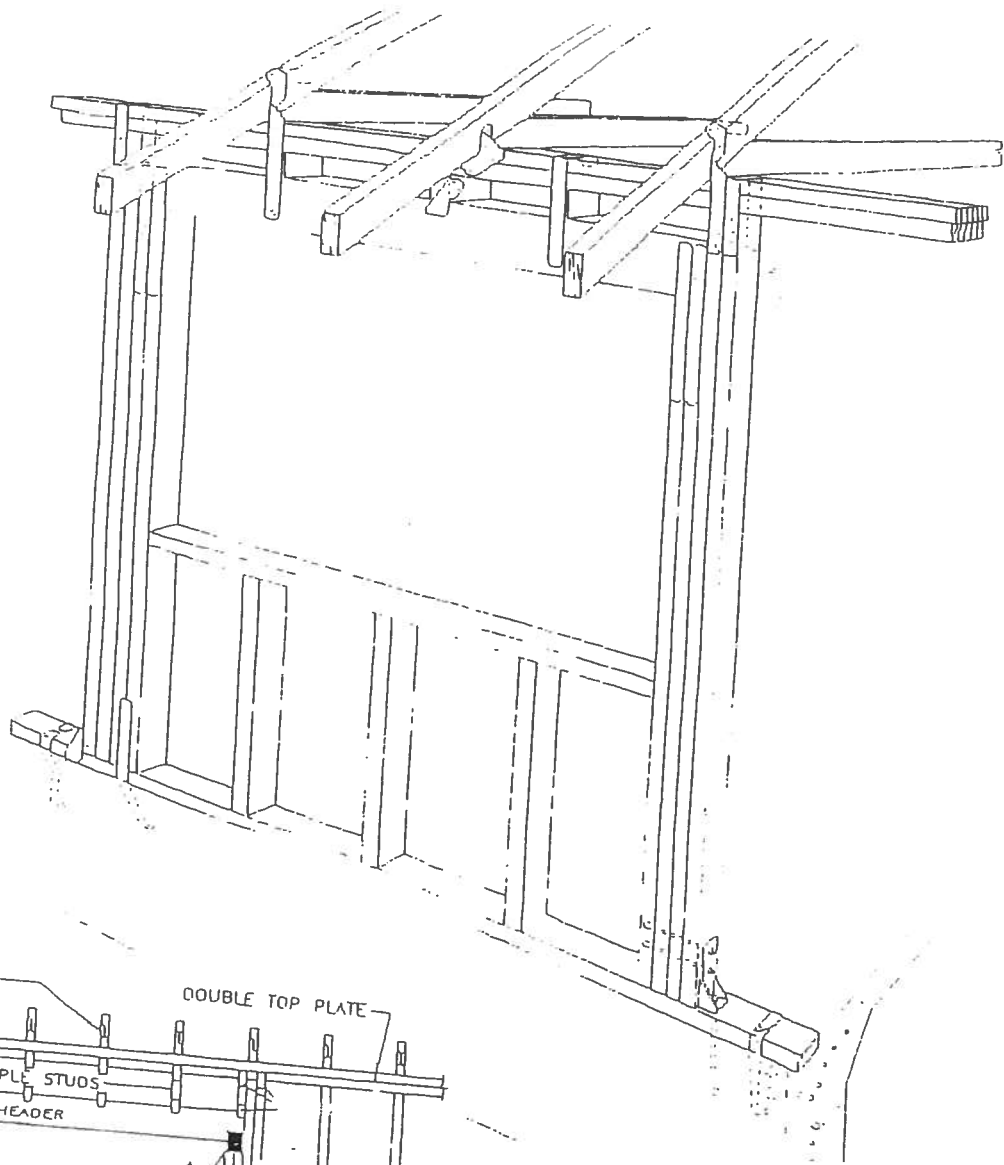


GABLE END DETAIL

SCALE: NTS

46 SFRP

Handwritten signature
 AM013085
 N/17/05



		Maximum Header Span (h)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
Unsupported Wall Height	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

Total each truss uplift on the header divide by 2 for header anchorage

ASCE 7-98

11/17/05

Wind Load Design per ASCE 7-98

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	26.6	Deg
Type of Roof	Gabled	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	18.36	ft
Mean Roof Height (Ht)	15.74	ft
Width Perp. to Wind (B)	52.33	ft
Width Parallel to Wind (L)	52.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.30
Flexible Structure	No

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
I =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	I*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8972	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8643	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	1.02	
Nb	4.6*NatFreq*B/Vzm	3.40	
Nd	15.4*NatFreq*Depth/Vzm	11.30	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5619	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2512	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0846	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.6661	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.05	

Gust Factor Summary			
Main Wind-force resisting system:		Components and Cladding:	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.86	Gust Factor (G)	0.86

ASCE 7-98

11/17/05

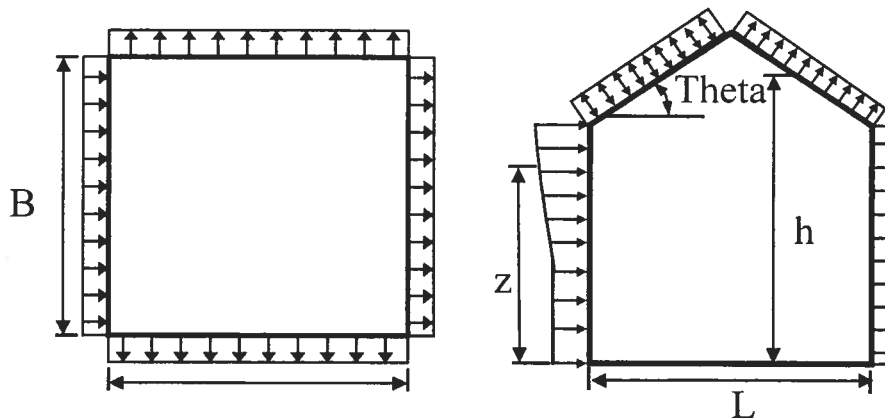
Wind Load Design per ASCE 7-98

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev. ft	Kz	Kzt	Kd	qz lb/ft^2	Pressure (lb/ft^2)	
					Windward Wall*	
			1.00		+GCpi	-GCpi
18.36	0.70	1.00	1.00	21.70	11.76	18.25
15.74	0.70	1.00	1.00	21.70	11.76	18.25
15	0.70	1.00	1.00	21.70	11.76	18.25

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	$2.01 \cdot (Ht/zg)^{(2/\alpha)}$	0.58	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	$.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot Kh \cdot Kht \cdot Kd$	18.05	psf

Wall Pressure Coefficients, Cp	
Surface	Cp
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf)	
		+GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 52.33 ft wall)	-0.50	-11.05	-4.55
Leeward Walls (Wind Dir Parallel to 52 ft wall)	-0.50	-11.03	-4.53
Side Walls	-0.70	-14.17	-7.67
Roof - Normal to Ridge (Theta >= 10)			
Windward - Max Negative	-0.21	-6.59	-0.09
Windward - Max Positive	0.28	1.10	7.60
Leeward Normal to Ridge	-0.60	-12.61	-6.11
Overhang Top	-0.21	-3.34	-3.34
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.87 ft	-0.90	-17.29	-10.79
Dist from Windward Edge: 7.87 ft to 15.74 ft	-0.90	-17.29	-10.79

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Wind Load Design per ASCE 7-98

Dist from Windward Edge: 15.74 ft to 31.48 ft	-0.50	-11.05	-4.55
Dist from Windward Edge: > 31.48 ft	-0.30	-7.93	-1.43

* Horizontal distance from windward edge

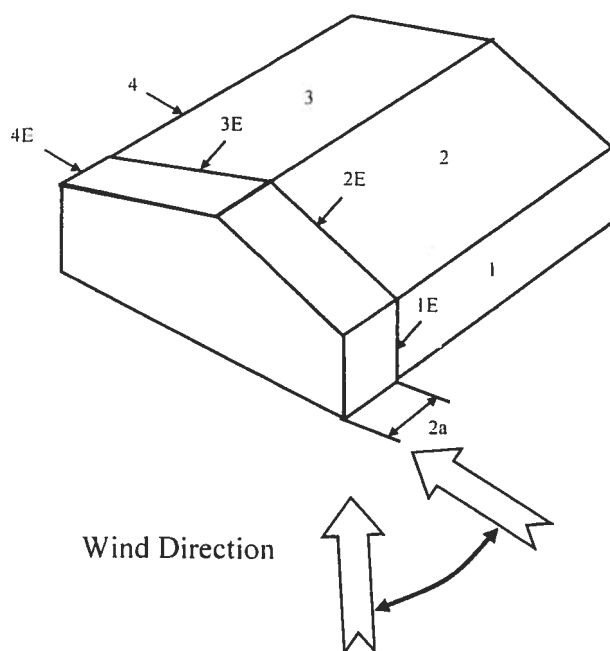
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht ≤ 60 ft

Kh =	$2.01 \cdot (Ht/zg)^{(2/\alpha)}$	=	0.58
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	$0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot Kh \cdot Kht \cdot Kd$	=	18.05

Case A						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	0.55	0.18	-0.18	21.70	8.03	15.84
2	-0.10	0.18	-0.18	21.70	-5.99	1.82
3	-0.45	0.18	-0.18	21.70	-13.61	-5.79
4	-0.39	0.18	-0.18	21.70	-12.38	-4.57
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.73	0.18	-0.18	21.70	11.88	19.69
2E	-0.19	0.18	-0.18	21.70	-7.93	-0.12
3E	-0.58	0.18	-0.18	21.70	-16.59	-8.78
4E	-0.53	0.18	-0.18	21.70	-15.50	-7.69
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* $p = qh \cdot (GCpf - GCpi)$



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Wind Load Design per ASCE 7-98

Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

$$\begin{aligned} K_h &= 2.01 \cdot (H_t/z_g)^{(2/\alpha)} &= & 0.58 \\ K_{ht} &= \text{Topographic factor (Fig 6-2)} &= & 1.00 \\ Q_h &= 0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot K_h \cdot K_{ht} \cdot K_d &= & 18.05 \end{aligned}$$

Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

$$* p = q_h \cdot (GC_{pf} - GC_{pi})$$

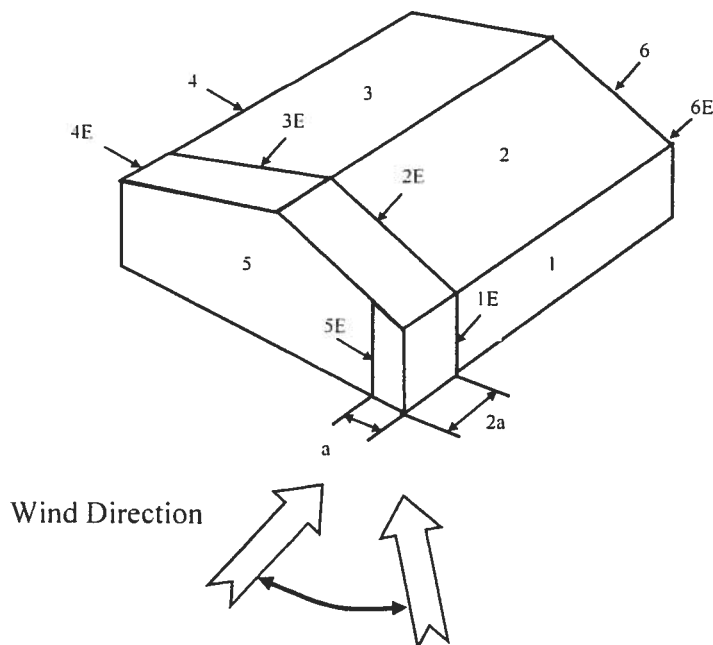
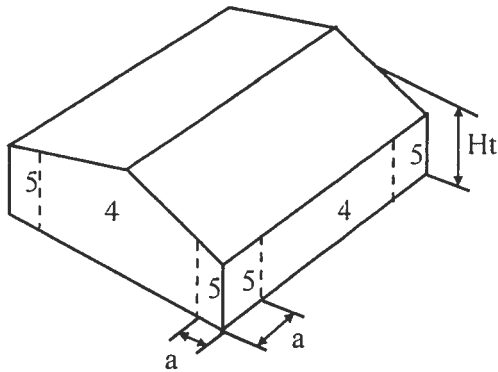


Figure 6-5 - External Pressure Coefficients, GCp

11/17/05



Gabled Roof
 $10 < \text{Theta} \leq 45$

[illegible]

Table 6-7 Internal Pressure Coefficients for Buildings, G_{cpi}

ASCE 7-98

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Wind Load Design per ASCE 7-98

	Max +	Max -
Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	0.18	-0.18

Table 6-8 External Pressure Coefficients for Arched Roofs, C_p

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	C_p		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	C_p	0.13	-1	-0.5
	P (+GCpi) - psf	-1.30	-18.85	-11.05
	P (-GCpi) - psf	5.20	-12.35	-4.55
Roof Springing from Ground	C_p	0.42	-1	-0.5
	P (+GCpi) - psf	3.30	-18.85	-11.05
	P (-GCpi) - psf	3.30	-18.85	-11.05

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, C_f

Variable	Description	Value	
L	Roof dimension normal to wind direction	52.00	ft
B	Roof dimension parallel to wind direction	52.33	ft
L/B	Ratio of L to B	0.994	
Theta	Slope of Roof	26.6	Deg
C_f	Force Coefficient	1.20	
X	Distance to center of pressure from windward edge	0.42	ft

LEJA Constructi

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Plans Examiner

U

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.

☒

U

Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.



၂

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

U

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
 - a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

☒

U

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

☒	
☒	
☒	
☐	
☐ NA	
☐ N/A	
☐ N/A	
☒	
☐	
☐ NA	
☐ NA	
☒	
☒	
☐ N/A	

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
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

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

Disclosure Statement for Owner Builders

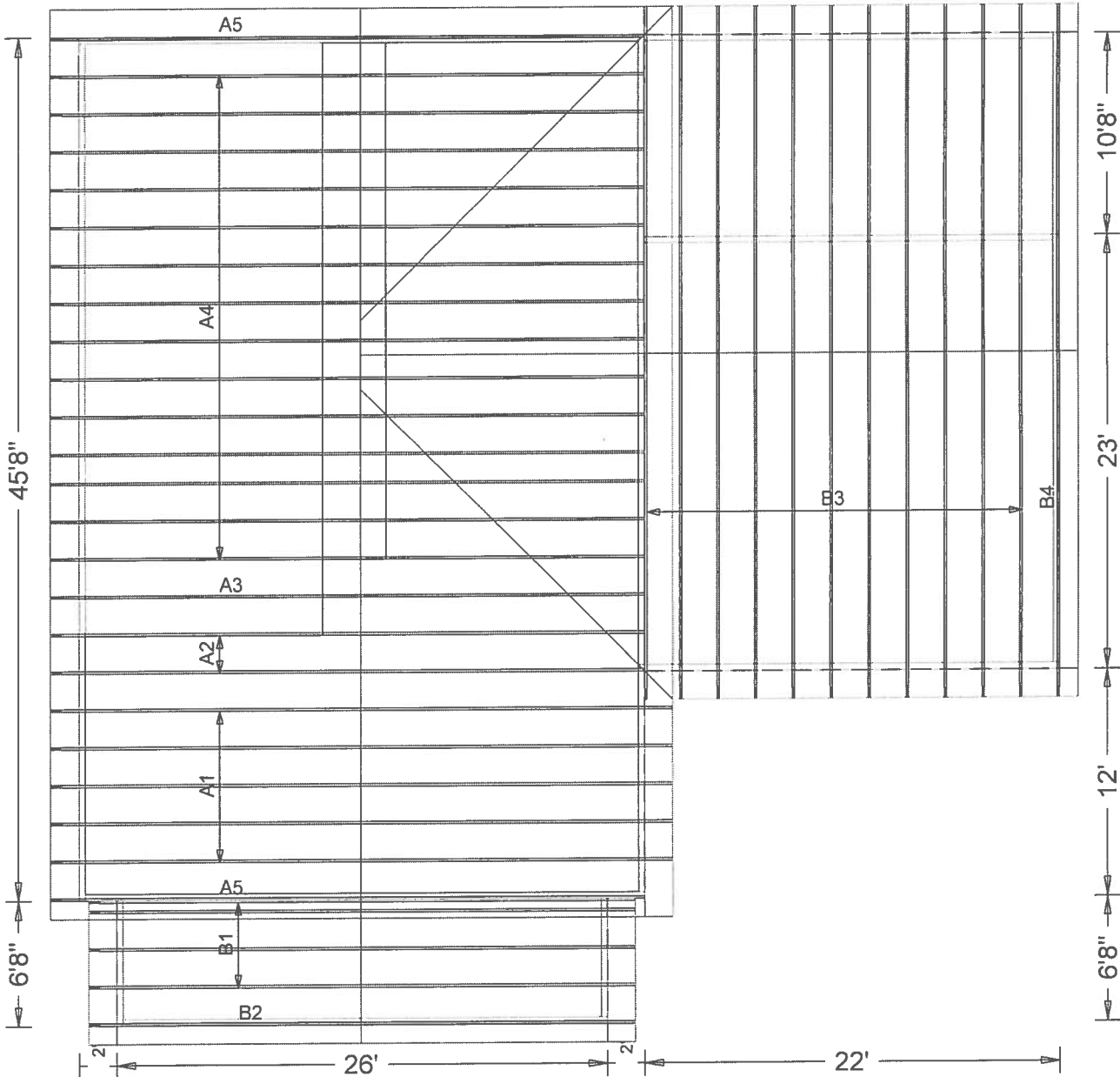
*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

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

LOT 46

5/12 18" OH 37 PSF 120 MPH
30' 22'



JOB LOCATION:

JOB DESCRIPTION:

DESIGNED BY:
SAMPLE DESIGNER

JOB NO:
GC10

PAGE NO:
1 OF 1

Windows				Attachments			
TYPE	MANUFACTURER	SERIES	SIZE	JAMB-TYPE/SPACING	HEADER TYPE/SPACING	SILLS TYPE/SPACING	MULLIONS
Single Hung	AWT	3950	3050	1 3/4" roofing nail 6" in corners & 8" in-field	1 3/4" roofing nail 6" in corners & 8" in-field	1 3/4" roofing nail 6" in corners & 8" in-field	
"	"	3950	6050	"	"	"	
"	"	3950	2030	"	"	"	

Doors				Attachment of Frame			
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILL	
Garage Door	Graco	7400	8' x 16'	3/4" x 3" lag screw 1" OP washer spaced 24" on center	max inspring 12" #8 x 2 1/2"		
Insulated steel	Thermaflu	Steel	3068	#10 x 2 1/2" 6" at corners & 14.1 in-field	3/14" Tapcon x 1.75"		



Quality Garage Doors
General American Door Company

IMPORTANT!

WINDLOAD DOORS

**ATTACHED ENVELOPE CONTAINS
YOUR WINDLOAD INSTALLATION
DRAWINGS AND LABEL AS WELL AS A
DUPLICATE SET OF WARNING LABELS.**

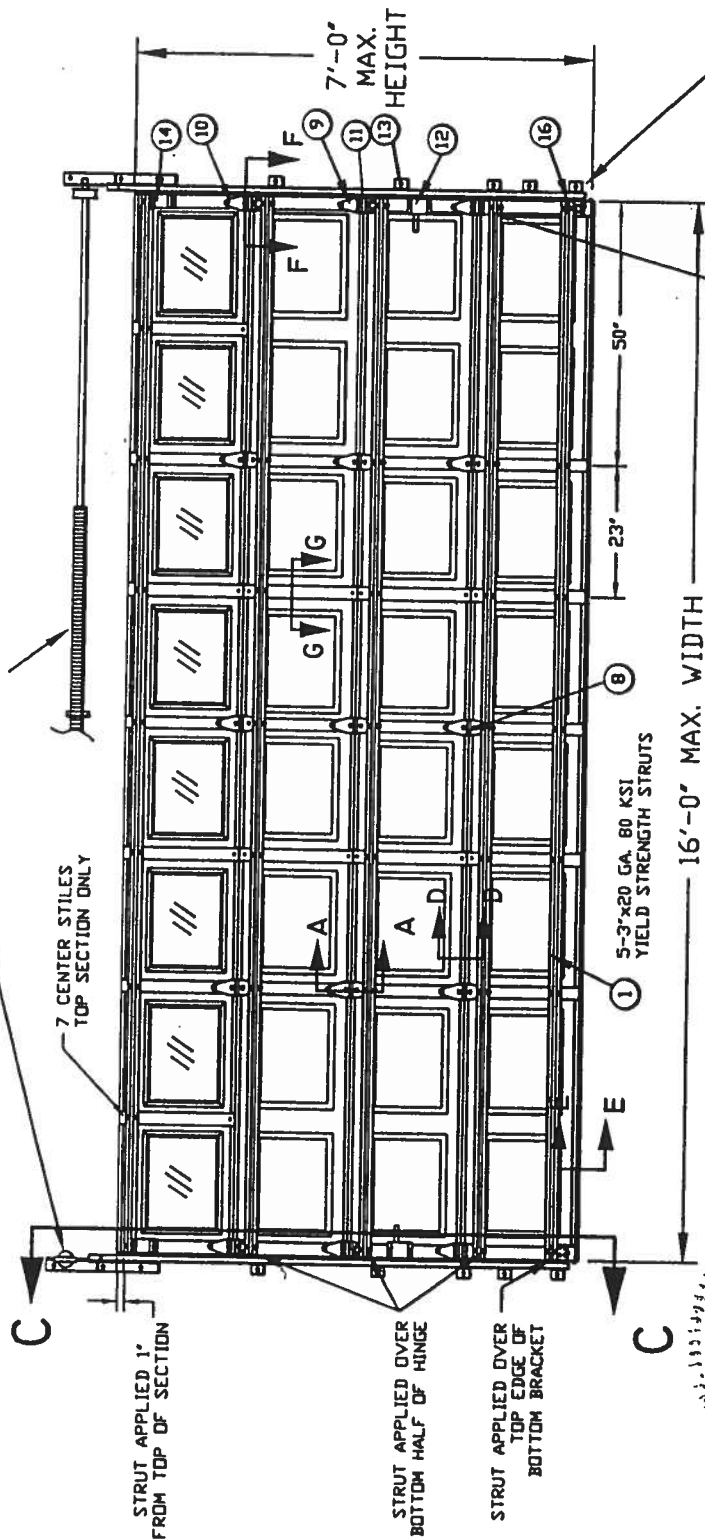
**THE INSTALLER OF THIS DOOR IS
RESPONSIBLE FOR REPLACEMENT OF
WARNING LABELS THAT ARE COVERED
WITH STRUTS OR CHANNELS AS
REQUIRED BY THE WINDLOAD
DRAWINGS. THE BOTTOM FIXTURE
WARNING LABELS MUST BE NEAR THE
BOTTOM FIXTURES. ALL LABELS
MUST BE LEGIBLE UPON COMPLETION
OF THE DOOR INSTALLATION.**

A10570 1107-00035

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER FBC 2001-BUILDING, ASCE 7-02, AND ASTM-E2330.
2. MAXIMUM SECTION HEIGHT = 21'
3. SECTION HEIGHTS OF 21'00" AND 19'50" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. WINDOWS MAY BE INSTALLED IN THE TOP SECTION. GAS TESTED WITH 1/8" DSB GLASS OR EQUIVALENT OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MINIMUM LENGTH OF ROLLER STEM IS 51" (7' AS TESTED)
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOWN.
7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0, 1, OR 2 AS TESTED.
9. DROP IN TYPE OF INSULATION IS OPTIONAL.

NOT PART OF VIND LOAD SYSTEM
EXTENSION SPRING COUNTERBALANCE
TORSION SPRING COUNTERBALANCE



INSIDE ELEVATION

TEST REPORTS ON FILE VIDEO 10/19/00 C00293

DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

GADCO DOORS
SERIES 7400, EXTERIOR STEEL = .017 MIN (AS TESTED)
SERIES 7825, EXTERIOR STEEL = .019" MIN
SERIES 7524, EXTERIOR STEEL = .024" MIN
(TESTED WITH VINDOVS)

GADCO
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: 1/8" = 1'-0"	APPROVED BY:	DRAWN BY: B. VICKHAM
DATE: 6-9-04	REVIEWED: -	
DESCRIPTION:		
16' X 7' MAX. RAISED PANEL STEEL DOOR - VINDLOAD ±20 PSF		
PART NUMBER:		

THE SEAL ON THIS DRAWING ONLY
CERTIFIES THAT THE PRODUCT(S)
ILLUSTRATED AND DESCRIBED HEREIN
REPRESENT THE CONFIGURATION(S),
DIMENSIONS AND VARIATION(S) OF
THE DOOR AS TESTED.

REV.	DATE	BY	DESCRIPTION

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED (GRADE #2 OR BETTER SOUTHERN PINE) WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES:

- 1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT TO RESIST APPLIED LOADS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SST'D 10, "CURRENT EDITION."
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) REINFORCED CMU OR CONCRETE, 2x6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2150 PSI, GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI, REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 5) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 6) WASHERS ARE REQUIRED ON ALL FASTENERS. SEE CHART FOR ACCEPTABLE WASHERS.
- 7) USE THE DOOR WIDTH / ANCHOR SPACING TABLE TO DETERMINE THE ANCHOR SPACING IN INCHES. ANCHOR SPACINGS ON THE TABLE ARE FOR USE WITH SPECIAL INSPECTION. REDUCE ANCHOR SPACING BY HALF FOR USE WITHOUT INSPECTION.
- 8) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2x6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.
- 9) FOR CONCRETE COMPRESSIVE STRENGTH OF 2500 PSI USE ANCHOR SPACING FOR 2000 PSI CONCRETE.

EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.

WASHERS ARE REQUIRED ON ALL FASTENERS. SEE CHART FOR ACCEPTABLE WASHERS.

USE THE DOOR WIDTH / ANCHOR SPACING TABLE TO DETERMINE THE ANCHOR SPACING IN INCHES. ANCHOR SPACINGS ON THE TABLE ARE FOR USE WITH SPECIAL INSPECTION. REDUCE ANCHOR SPACING BY HALF FOR USE WITHOUT INSPECTION.

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FOR CONCRETE COMPRESSIVE STRENGTH OF 2500 PSI USE ANCHOR SPACING FOR 2000 PSI CONCRETE.



GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

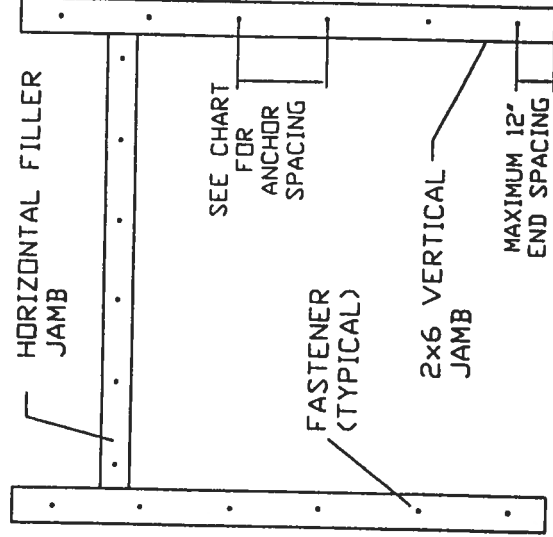
SCALE: NONE
DATE: 6/9/04
DESCRIPTION:

APPROVED BY: J. K. C.
REVISED: -

16' X 7' MAX. RAISED PANEL STEEL DOOR - WINDLOAD

	DOOR WIDTH				
	9'-0"	10'-0"	12'-0"	14'-0"	18'-0"
1/4" x 3" ITW TAPCON CONCRETE ANCHORS, WITH 2-1/2" MIN EDGE DISTANCE & 1" OD WASHER					
IN CMU BLOCK, 1-1/4" EMBEDMENT	16.0	14.0	12.0	10.0	9.00
IN 2000 PSI CONCRETE, 1-1/2" EMBEDMENT	16.0	14.0	12.0	10.0	9.00
IN 4000 PSI CONCRETE, 1-1/2" EMBEDMENT	24.0	24.0	24.0	22.0	20.0
3/8" X 3" SIMPSON STRONG - TIE SLEEVE - ALL SLEEVE EXPANSION ANCHORS,					
WITH 3" MIN EDGE DISTANCE & WASHERS PROVIDED					
IN 2000 PSI CONCRETE, 1-1/2" EMBEDMENT	24.0	24.0	24.0	24.0	20.0
IN 4000 PSI CONCRETE, 1-1/2" EMBEDMENT	24.0	24.0	24.0	24.0	24.0
3/8" X 3-1/2" SIMPSON STRONG-TIE WEDGE-ALL WEDGE EXPANSION ANCHORS					
WITH 3" MIN EDGE DISTANCE & WASHERS PROVIDED					
IN 2000 PSI CONCRETE, 1-1/2" EMBEDMENT	24.0	24.0	24.0	24.0	24.0
IN 4000 PSI CONCRETE, 1-1/2" EMBEDMENT	24.0	24.0	24.0	24.0	24.0
7/16" X 8" L BOLTS, W/ 2" MIN SQUARE WASHERS	36.0	36.0	36.0	36.0	36.0
MIN 3 ANCHORS PER JAMB, MIN 4" EDGE DISTANCE					
3/8" X 3" LAG SCREW, WITH 1" OD WASHER	24.0	24.0	24.0	24.0	24.0
1" SOUTHERN YELLOW PINE, SPECIFIC GRAVITY = .55, WITH 1-1/2" MIN EDGE DISTANCE & 1-1/2" EMBEDMENT IN 3/16" PREDRILLED HOLES					

DOOR WIDTH / ANCHOR SPACING TABLE



THE SEAL ON THIS DRAWING ONLY
CERTIFIES THAT THE PRODUCTS
ILLUSTRATED AND DESCRIBED HEREIN
REPRESENT THE CONFIGURATION(S)
DIMENSIONS AND INSTALLATION(S) OF
THE DOOR AS TESTED.

[Signature] 6/10/04



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, OH 43537

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Benchmark" Glazed Inswing Residential Insulated Steel Doors w/Adjusta-Fit Steel Frame

APPROVAL DOCUMENT: Drawing No. S-2007, titled "Benchmark Glazed Inswing Steel Door w/Adjusta-Fit Steel Frame", sheets 1 through 5 of 5, prepared by the Rick Wright Building Consulting, Inc., dated 2/28/00 with revision on 3/28/00, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

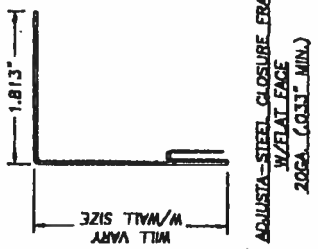
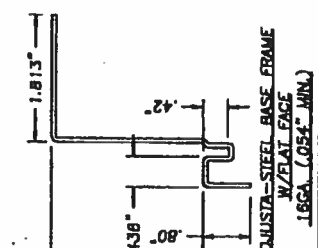
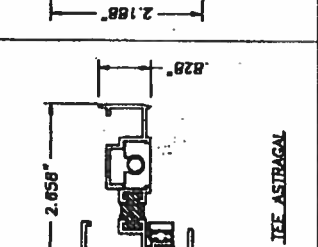
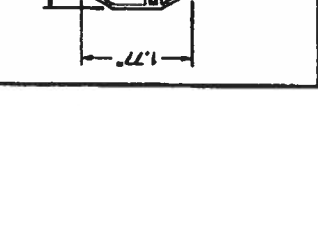
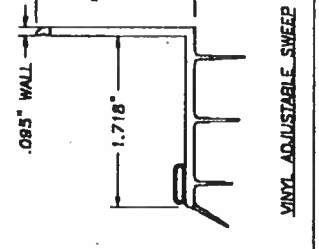
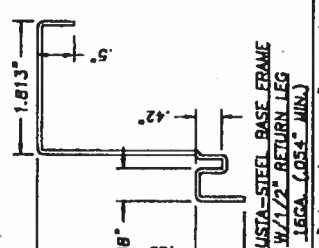
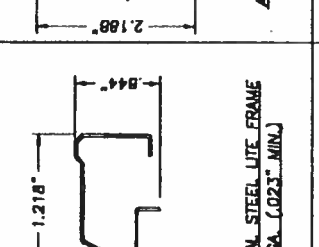
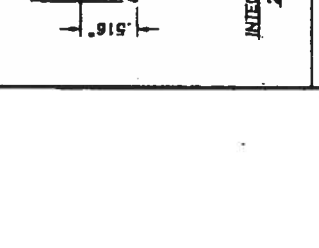
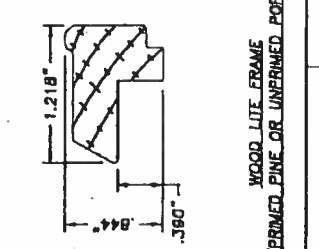
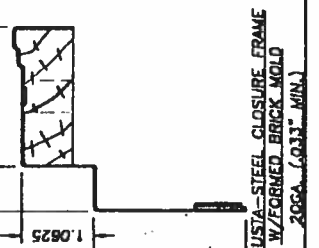
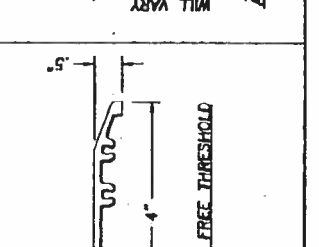
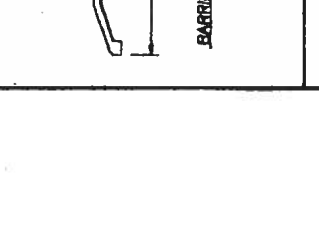
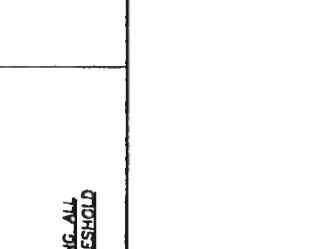
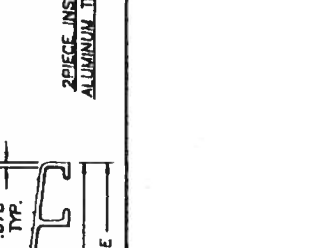
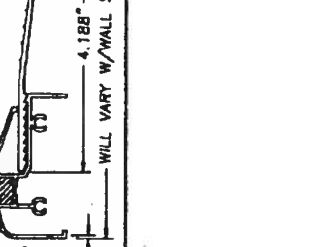
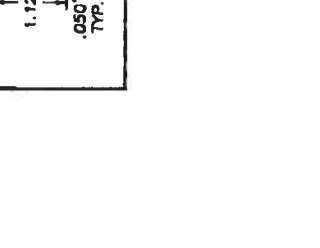
This NOA renews NOA # 99-1028.11 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Jaime Eisen, P.E.



NOA No 03-0109.04
Expiration Date: April 21, 2008
Approval Date: February 20, 2003
Page 1

BENCHMARK INSWING GLAZED STEEL DOOR W/ADJUSTA-STEEL FRAME	GENERAL NOTES - THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY. - WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. - PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. - IMPACT RESISTANT SHUTTERS ARE REQUIRED. - THIS SYSTEM WAS TESTED FOR 2.86 LBS. WATER PRESSURE AS PER ASTM-E331. - THIS SYSTEM DOES NOT MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY.	DOOR SYSTEM CONSTRUCTION: DOOR PANEL A. FACE SHEETS: 24 GA. (.025") MINIMUM THICKNESS GALVANIZED STEEL A-325 COMMERCIAL QUALITY - AKOQ PER ASTM 820 WITH YIELD STRENGTH FY (MIN.) = 27,000psi B. CORE DESIGN: POLYURETHANE FOAM (CARPENTER CHEMICAL WITH 2.15 LBS. DENSITY) CORE LAMINATED TO INSIDE FACES. C. CONSTRUCTION: THE VERTICAL STILES ARE EXTENSIONS OF THE SKIN, ROLL FORMED TO A MECHANICAL INTERLOCK. HORIZONTAL EDGES ARE WELDED TOGETHER AT TWO PLACES EACH. D. THE GLAZING OPENINGS ARE STAMPED PRECISION EDGES TO RECEIVE INTEGRAL GLASS STOPS. STEEL FRAME A. BASE FRAME MATERIAL: 18GA. (.054" MIN. THK.) B. CLOSURE FRAME MATERIAL: 20GA. (.033" MIN. THK.) C. THE FRAMES ARE ROLL FORMED AND PRESS BROKE WITH TABS AND SLOTS ON THE HEADERS TO FORM A LOCK.												
DESIGN PRESSURE RATING <table border="1" style="margin: auto;"> <tr> <td>WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED</td> </tr> <tr> <td>POSITIVE + 60.0 PSF</td> </tr> <tr> <td>NEGATIVE - 60.0 PSF</td> </tr> </table>			WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	POSITIVE + 60.0 PSF	NEGATIVE - 60.0 PSF									
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TABLE OF CONTENTS <table border="1" style="margin: auto;"> <tr> <th>SHEET #</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>GENERAL NOTES AND ELEVATIONS</td> </tr> <tr> <td>2</td> <td>VERTICAL CROSS SECTIONS</td> </tr> <tr> <td>3</td> <td>HORIZONTAL CROSS SECTIONS & GLAZING DETAILS</td> </tr> <tr> <td>4</td> <td>ANCHOR LAYOUTS & DOOR MODELS</td> </tr> <tr> <td>5</td> <td>FRAME COMPONENTS & BILL OF MATERIAL</td> </tr> </table>			SHEET #	DESCRIPTION	1	GENERAL NOTES AND ELEVATIONS	2	VERTICAL CROSS SECTIONS	3	HORIZONTAL CROSS SECTIONS & GLAZING DETAILS	4	ANCHOR LAYOUTS & DOOR MODELS	5	FRAME COMPONENTS & BILL OF MATERIAL
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NO.	DATE	BY	DESCRIPTION											
1	5/28/00	GENERAL												
GENERAL NOTES PRODUCT: BENCHMARK GLAZED INSWING STEEL DOOR W/ ADJUSTA-STEEL FRAME PART OR ASS'Y: ELEVATIONS & PARTS PH. (540) 898-5700 FREDERICKSBURG, VA 22404 GENERAL PRODUCTS CO. INC.														
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE: <u>April 21, 2005</u> BY: <u>[Signature]</u> PROJECT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE LICENCE NO. <u>97-103811</u>														
PRODUCT DESIGNER As complying with the Florida Building Code Permitting Stamp Permit No. <u>03-0109.04</u> By: <u>[Signature]</u> Project Control														

[illegible]

GENERAL PRODUCTS CO. INC. P.O. BOX 7267 FREDERICKSBURG, VA 22404 PH. (540) 898-5700				BENCHMARK GLAZED INSWING STEEL DOOR W/ ADJUSTA-STEEL FRAME PART OR ASSEMBLY FRAME COMPONENTS & BILT OF MATERIALS		REVISIONS NO. DATE 1 3/28/00 GENERAL		BUILDING CONSULTANTS, INC. 813.684.3831		DATE: 2/28/00 SCALE: N.T.S. DRAWN BY: TJH CHECKED BY: RW ISSUED BY: S-2007 SHEET 5 OF 5	
ITEM	DESCRIPTION	MATERIAL									
1	STEEL BASE HEADER (16GA. .054" MIN.)	STEEL									
2	STEEL HINGE JAMB (16GA. .054" MIN.)	STEEL									
3	STEEL CLOSURE HEADER (20GA. .033" MIN.)	STEEL									
4	STEEL CLOSURE JAMB (20GA. .033" MIN.)	STEEL									
5	BENCHMARK 4" x 4" HINGE PROPRIETARY .097" THK.	STEEL									
6	T-ASTRAGAL (.083" WALL THK.)	ALUMINUM									
7	KWIKSET 200 DL PASSAGE	-									
8	KWIKSET 860 DEADBOLT	-									
9	STEEL INTEGRAL LITE FRAME OR WOOD LITE FRAME (PINE OR POPLAR)	STEEL									
10	GLAZING, 1/2" INSULATED GLASS	WOOD									
11	POLYURETHANE FOAM CARPENTER CHEM. 2.15 LB DENSITY	-									
12	COMPRESSION WEATHER STRIPPING	FOAM									
13	2PIECE ALL ALUMINUM INSWING THRESHOLD	ALUMINUM									
14	MAGNETIC WEATHER STRIPPING	VINYL									
15	COMPRESSION WEATHER STRIPPING 0-LON QDS 650	FOAM									
16	#12 x 1/2" L. SCREW (ASTRAGAL TO DOOR)	STEEL									
17	10-24 x 3/8" PHILLIPS FLATHEAD SCREW	STEEL									
18	#10 x 1 3/4" L. PHILLIPS FLATHEAD SCREW	STEEL									
19	WOOD HINGE REIN. 1 11/16" SQ. x 5 7/8" L.	WOOD									
20	2X WOOD (BUCK)	WOOD									
21	1/4" MAX. SHIM SPACER	-									
22	MASONRY WALL	-									
23	3/16" TAPCON ANCHOR (ELCO)	STEEL									
24	#10 x 5/8" SCREW (HINGE TO DOOR)	STEEL									
25	ADJUSTABLE SWEEP	VINYL									
26	#10 x 1" WOOD SCREW (WOOD HINGE REIN.)	STEEL									
27	#8 x 1/2" TYPE "AB" PANHEAD SCREW (SWEEP)	STEEL									
28	1PIECE BARRIER FREE THRESHOLD	ALUMINUM									
29	#8 x 2 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL									
30	#6 x 2 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL									
31	SOLID LATCH WOOD BLOCK 3 1/2" x 1 11/16" x 48" LG.	WOOD									
32	CAULK SCHNEE MOREHEAD S-M 8500	SILICONE									
33	#6 x 1 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL									
34	INTEGRAL STEEL LITE FRAME RETAINER CLIP	STEEL									
35	FOAM STOP	CARDBOARD									
36	STEEL LATCH JAMB (16GA. .054" MIN.)	STEEL									
											
											
											
											
											

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: 04/24/2009
BY: [Signature]
PROJECT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 89-1028-11

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Examiner: [Signature]
By: [Signature]
Project Control Division

2PIECE INSWING ALL
ALUMINUM THRESHOLD

WOOD LITE FRAME
(PRIMED PINE OR UNPRIMED POPLAR)

ADJUSTA-STEEL CLOSURE FRAME
W/FORMED BRICK MOLD
20GA. (.033" MIN.)

ADJUSTA-STEEL CLOSURE FRAME
W/FLAT FACE
16GA. (.054" MIN.)

ADJUSTA-STEEL CLOSURE FRAME
W/FLAT FACE
20GA. (.033" MIN.)

ADJUSTA-STEEL CLOSURE FRAME
W/FLAT FACE
20GA. (.033" MIN.)



DUCT SYSTEM SUMMARY

Entire House

New Age Dimensions

Job: Santa Fe River Plantations
Lot #46 12/12/05

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Newmans Htg. & A/C
P.O. Box 5425, Gainesville, FL 32602
Phone: (352) 375-8555 Fax: (352) 375-0275

	HEATING	COOLING
External Static Pressure:	0.53 in H2O	0.53 in H2O
Pressure Losses:	0.12 in H2O	0.12 in H2O
Available Static Pressure:	0.41 in H2O	0.41 in H2O
Friction Rate:	0.880 in/100ft	0.880 in/100ft
Actual AVF:	1200 cfm	1200 cfm

Total Effective Length (TEL): 0 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
Laundry Room	2209	2336	87	128	0.880	653	6	0x 0	VIFx	st1
Dining Room	4935	3267	195	179	0.880	559	8	0x 0	VIFx	st1
Bedroom #3	2412	2672	95	147	0.880	548	7	0x 0	VIFx	st1
Bed #3 WIC	669	226	26	12	0.880	303	4	0x 0	VIFx	st1
Bed #2 WIC	422	159	17	9	0.880	191	4	0x 0	VIFx	st1
Bedroom #2	2490	1900	98	104	0.880	531	6	0x 0	VIFx	st1
Hall Bathroom	88	102	3	6	0.880	64	4	0x 0	VIFx	st1
Kitchen	2404	2682	95	147	0.880	550	7	0x 0	VIFx	st2
Family Room	3608	1920	143	105	0.880	533	7	0x 0	VIFx	st2
Family Room-A	3607	1920	143	105	0.880	533	7	0x 0	VIFx	st2
Master WIC	76	88	3	5	0.880	55	4	0x 0	VIFx	st2
Master Bathroom	935	416	37	23	0.880	423	4	0x 0	VIFx	st2
Master Bedroom-A	3257	2095	129	115	0.880	655	6	0x 0	VIFx	st2
Master Bedroom	3257	2095	129	115	0.880	655	6	0x 0	VIFx	st2

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	523	585	702	12	12 x 10	RectFbg	st
st2	Peak AVF	677	615	813	12	12 x 10	RectFbg	st
st	Peak AVF	1200	1200	823	16	15 x 14	RectFbg	

Return Branch Detail Table

Name	Diffus Sz (in)	Design AVF (cfm)	Design (in H2O)	Design FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	25 x24	943	0.00	0.880	675	16	0 x 0		VIFx	ra
rb2	14 x13	297	0.00	0.880	673	9	0 x 0		VIFx	ra

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Sz (in)	Duct Material	Trunk
ra	Peak AVF	1200	1200	600	18	18 x16	RectFbg	



RIGHT-J SHORT FORM Entire House

New Age Dimensions

Job: Santa Fe River Plantations
Lot #46 12/12/05

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Newmans Htg. & A/C
P.O. Box 5425, Gainesville, FL 32602
Phone: (352) 375-8555 Fax: (352) 375-0275

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	94	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	19	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	48		

HEATING EQUIPMENT

Make Goodman Mfg.
Trade Janitrol, GMC, Franklin
CPKT42-1

Efficiency 8.4 HSPF
Heating input
Heating output 40000 Btuh @ 47°F
Heating temperature rise 30 °F
Actual heating fan 1200 cfm
Heating air flow factor 0.040 cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make Goodman Mfg.
Trade Janitrol, GMC, Franklin
CPKT42-1

A49-XX
Efficiency 13.0 SEER
Sensible cooling 29644 Btuh
Latent cooling 12705 Btuh
Total cooling 42349 Btuh
Actual cooling fan 1200 cfm
Cooling air flow factor 0.055 cfm/Btuh

Load sensible heat ratio 69 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Laundry Room	70	2209	2336	87	128
Dining Room	168	4935	3267	195	179
Bedroom #3	127	2412	2672	95	147
Bed #3 WIC	25	669	226	26	12
Bed #2 WIC	30	422	159	17	9
Bedroom #2	138	2490	1900	98	104
Hall Bathroom	66	88	102	3	6
Kitchen	223	2404	2682	95	147
Family Room	306	7215	3840	285	211
Master WIC	56	76	88	3	5
Master Bathroom	41	935	416	37	23
Master Bedroom	185	6513	4191	257	230

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



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Page 1

Entire House	d	1434	30367	21879	1200	1200
Ventilation air			0	0		
Equip. @ 0.99 RSM				21660		
Latent cooling				9620		
TOTALS		1434	30367	31280	1200	1200

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



wrightsoft

Right-Suite Residential™ 5.5.06 RSR28870

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24065

5602 N.W. 13th STREET
GAINESVILLE, FLORIDA 32653-2198

P.O. BOX 5875
GAINESVILLE, FLORIDA 32627-5875

PHONE (352) 373-3642
FAX (352) 373-9037

CERTIFICATE OF PROTECTIVE TREATMENT

Builder: Leja Time: 2:27:06 AM PM

Date: 2-27-06

Site Location: 400 SW Thorn LN

Area Treated: Living Entry Garage

Product Used: Bifen IT Chemical Used: ~~Bifen~~ Bifen

% Concentration: 0.6% # Gallons Used: 280

Applicator: Jerry



5602 N.W. 13th STREET
GAINESVILLE, FLORIDA 32653-2198

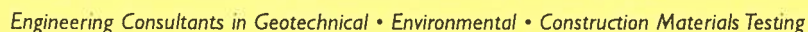
P.O. BOX 5875
GAINESVILLE, FLORIDA 32627-5875

PHONE (352) 373-3642
FAX (352) 373-9037

240605

CERTIFICATE OF PROTECTIVE TREATMENT

Builder: Leya Const.
Date: 8-2-06 Time: AM PM
Site Location: 400 SW Thorne Ln, Ft. White
Area Treated: Backfill perimeter
Product Used: Bifen-TF Chemical Used: Bifen-thor
% Concentration: 106% # Gallons Used: 60
Applicator: Jonny



CLIENT _____	DATE _____
PROJECT NAME _____	PROJECT NO. _____
EARTH CONTRACTOR _____	PERMIT NO. _____
COMPACTION REQUIREMENT (%) _____	TESTED BY _____
TOTAL ON-SITE TIME _____	FIELD CONTACT _____
MILES FROM OFFICE _____	
☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☐ Building Pad ☐ Building Footing ☐ Other _____	

[illegible]

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.

COLUMBIA COUNTY OFFICE 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 30-7S-17-10058-636

Building permit No. 000024065

Use Classification SFD/UTILITY

Fire: 11.84

Permit Holder LEWIS COLSON/LEJA CONSTRUCTION

Waste: 24.50

Owner of Building LEWIS COLSON

Total: 36.34

Location: 400 SW THORNE LANE, FT. WHITE, FL

Date: 08/24/2006

Hany Liche

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)