For Office Use Only Application # 0604-37 Date Received 4/14/06 By G Permit # 1081/24528

Application Approved by - Zoning Official BLK Date 4.19.06 Plans Examiner OKJTH Date 5-5-06

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

Comments G.C. Construction owns property not Gary Clemmons
- CBC# 4631 - 386.418.2114.

Applicants Name Gary Clemmons Phone 386-418-2114 FAX: 386-418-0527 JESSICA

Address 15544 NW 25th Terr, Gainesville, FL 32609

Owners Name Gary Clemmons Phone 386-418-2114

911 Address 455 SW Marynik Dr. High Springs, FL 32643

Contractors Name GC Construction of Gainesville, Inc Phone 386-418-2114

Address PO Box 5893 Gainesville, FL 32627

Fee Simple Owner Name & Address G.C. Construction of Gville Inc

Bonding Co. Name & Address Capital City Bank Alachua

Architect/Engineer Name & Address Steve Ryals Gville

Mortgage Lenders Name & Address Capital City Bank, Alachua FL

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

Property ID Number TP# 16-7S-17 10006-206 Estimated Cost of Construction 220,000

Subdivision Name River Rise Lot 6 Block ___ Unit 1 Phase ___

Driving Directions Hwy 441 & CR 778 1st Drive which is Marynik, go to curve, Property located on left (Lot 6)

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

Total Acreage 5.1 Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 108 ✓ Side L 176 ✓ Side R 120 ✓ Rear 450 ✓

Total Building Height 19' Number of Stories 1 Heated Floor Area 2206 Roof Pitch 6/12

Porches 774 GARAGE 528 TOTAL 3508

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.

Gary R Clemmons
Owner Builder or Agent (Including Contractor)

Gary R Clemmons
Contractor Signature
Contractors License Number CGC052925
Competency Card Number ___
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 14 day of April 2006
Personally known ✓ or Produced Identification ___

Notary Signature

Anita W. Frankenberger
Commission # DD487897
Expires December 25, 2009
Bonded Troy Fain Insurance, Inc 800-385-7019

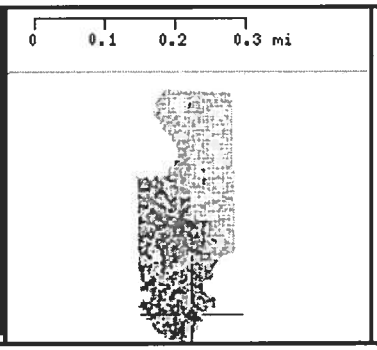
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 16-7S-17-10006-206 - VACANT (000000)

LOT 6 RIVER RISE S/D UNIT 1. WD 1077-665.

Name:	G C CONSTRUCTION OF	LandVal	$65,000.00
Site:		BldgVal	$0.00
	GAINESVILLE INC	ApprVal	$65,000.00
Mail:	PO BOX 5893	JustVal	$65,000.00
	GAINESVILLE, FL 32627	Assd	$65,000.00
Sales Info	2/25/2006 $67,900.00 V / Q	Exmpt	$0.00
		Taxable	$65,000.00



This information, GIS Map Updated: 4/6/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

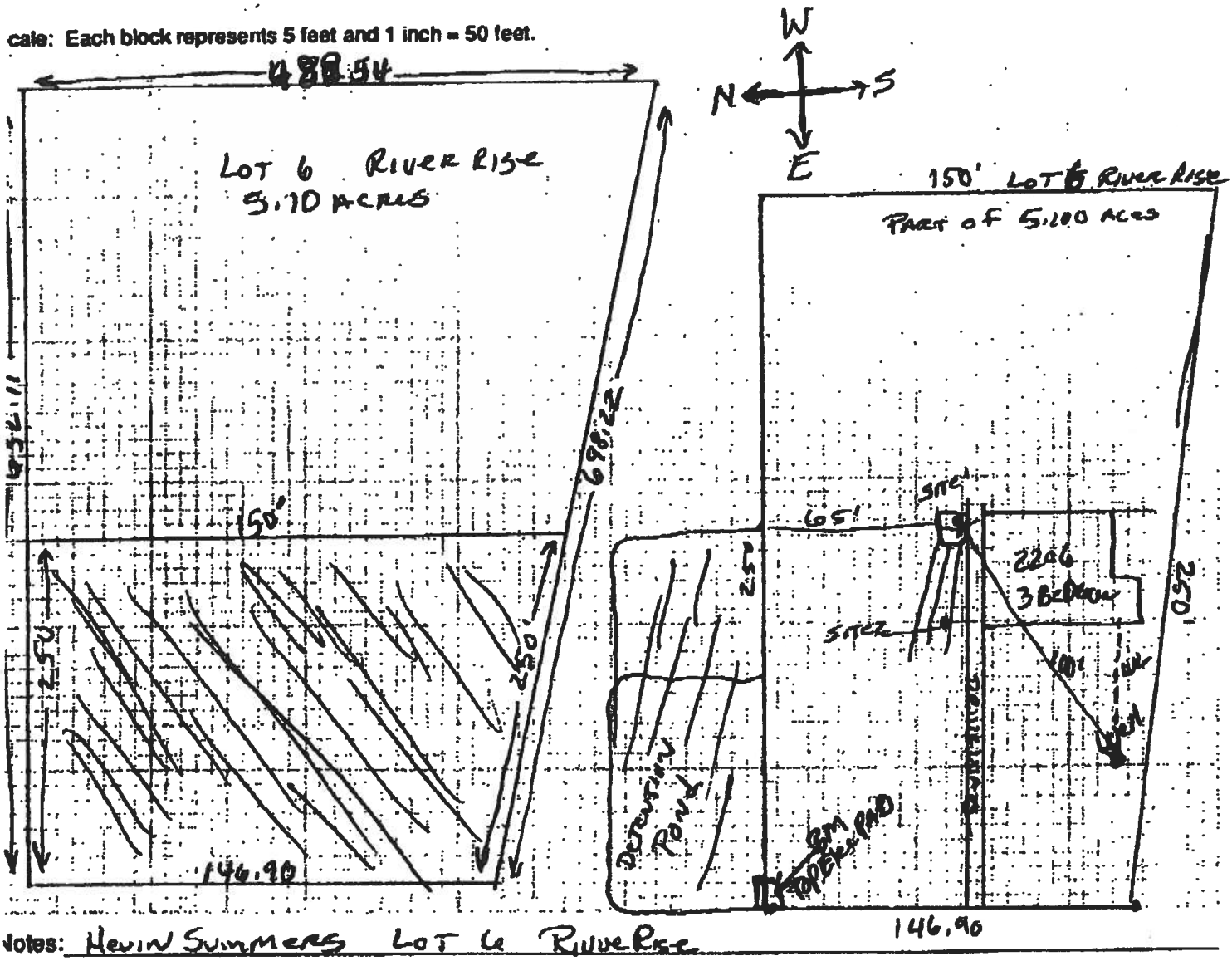
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0342N

PART II - SITE PLAN

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



Notes: Kevin Summers LOT 6 RiverRise
G-4 C Construction

Site Plan submitted by: Robert W Ford HES
Signature

Agent
Title

Plan Approved X
Not Approved

Date 4/11/06

By [signature]

Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

STATE OF FLORIDA
COUNTY OF ALACHUA

I DO HEREBY CERTIFY the within and foregoing is a true and correct copy of the original. WITNESS my hand and seal at Alachua, Florida, this 13 day of April, A.D. 2006

Record & Return To:
Darryl J. Tompkins, P.A.
P.O. Box 519
Alachua, FL 32616

Parcel ID Number: 16-7s-17-10006-001 Portion of

Inst:2006006286 Date:03/14/2006 Time:14:13
Doc Stamp-Deed : 475.30
DC,P.DeWitt Cason,Columbia County B:1077 P:665

Warranty Deed

This Indenture, Made this 25th day of February, 2006 A.D., **Between**

Nevin G. Summers, a married man

of the County of Anchorage State of Alaska, **Grantor**, and

G. C. Construction of Gainesville, Inc., a Florida corporation

whose post office address is : P. O. Box 5893, Gainesville, FL 32609 27

of the County of Alachua, State of Florida, **Grantee**

Witnesseth that the GRANTOR, for and in consideration of the sum of TEN & NO/100 ($10.00), and other good and valuable consideration to GRANTOR in hand paid by GRANTEE, the receipt of which is hereby acknowledged, has granted, bargained and sold to the said GRANTEE and GRANTEE=S successors and assigns forever, the following described land, situate, lying and being in the County of Columbia, State of Florida to wit:

Lot 6 of RIVER RISE RESIDENTIAL SUBDIVISION UNIT 1, a subdivision, according to the Plat thereof as recorded in Plat Book 8, Page(s) 51, of the Public Records of Columbia County, Florida.

SUBJECT TO THE FOLLOWING:

A. Zoning restrictions, prohibitions and other requirements imposed by governmental authority;
B. Restrictions and matters appearing on the plat and/or common to the subdivision;
C. Taxes for the year 2006 and subsequent years.

The land described herein is not the homestead of the grantor(s), and neither the grantor(s) nor the grantor(s) spouse, nor anyone for whose support the grantor(s) is responsible, resides on or adjacent to said land

and the grantor does hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

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

Signed, sealed and delivered in our presence:

Printed Name: Scott M. Bleeker

Printed Name: KRISTINA BALINBIN

NEVIN G. SUMMERS

STATE OF ALASKA
COUNTY OF ANCHORAGE

The foregoing instrument was acknowledged before me this 25 day of FEBRUARY, 2006, by NEVIN G. SUMMERS, who is personally known to me or has produced his DRIVER LICENSE as identification.

CRISTINA BALINBIN My Commission Expires NOTARY PUBLIC August 29, 2009 STATE OF ALASKA

Notary Public State of Alaska
Printed Name: KRISTINA BALINBIN
My Commission Expires: 08/29/2009

PREPARED BY & RETURN TO:
Darryl J. Tompkins, Esquire
Darryl J. Tompkins, P.A.
P.O. Box 519
Alachua, FL 32616

Inst:2006008288 Date:03/14/2006 Time:14:13
DC,P.DeWitt Cason,Columbia County B:1077 P:670

STATE OF FLORIDA)
COUNTY OF ALACHUA)

NOTICE OF COMMENCEMENT

THE UNDERSIGNED HEREBY GIVES NOTICE THAT IMPROVEMENTS WILL BE MADE TO CERTAIN REAL PROPERTY, AND IN ACCORDANCE WITH SECTION 713 OF THE FLORIDA STATUTES, THE FOLLOWING INFORMATION IS PROVIDED IN THIS NOTICE OF COMMENCEMENT:

1. **DESCRIPTION OF PROPERTY:**

   Lot 6 of RIVER RISE RESIDENTIAL SUBDIVISION UNIT 1, a subdivision, according to the Plat thereof as recorded in Plat Book 8, Page(s) 51, of the Public Records of Columbia County, Florida.

2. **GENERAL DESCRIPTION OF IMPROVEMENT:**

   Single Family Residence

3. **OWNER:**

   G.C. Construction of Gainesville, Inc.
   P O Box 5893
   Gainesville, FL 32627

4. **OWNER'S INTEREST IN SITE OF IMPROVEMENTS:**

   Fee Simple

5. **FEE SIMPLE TITLE HOLDER (if other than owner)**

   N/A

6. **GENERAL CONTRACTOR:**

   G.C. Construction of Gainesville, Inc.
   P O Box 5893
   Gainesville, FL 32627

7. **NAME AND ADDRESS OF THE SURETY ON THE PAYMENT BONDS:**

   NONE

8. **NAME AND ADDRESS OF CONSTRUCTION LENDER:**

   Capital City Bank
   15000 NW 140th Street
   Alachua, FL 32615

9. **NAME OF PERSON WITHIN THE STATE OF FLORIDA DESIGNATED BY OWNER UPON WHOM NOTICE OR OTHER DOCUMENTS MAY BE SERVED:**

Capital City Bank
15000 NW 140th Street
Alachua, FL 32615

10. **IN ADDITION TO HIMSELF, OWNER DESIGNATES THE FOLLOWING PERSON(S) TO RECEIVE A COPY OF THE LIENOR'S NOTICE AS PROVIDED IN SECTION 713.13(1), FLORIDA STATUTES:**

NONE

11. **EXPIRATION DATE OF NOTICE OF COMMENCEMENT (THE EXPIRATION DATE IS ONE (1) YEAR FROM DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED).**

Signed, Sealed and Delivered
in the presence of:

G.C. Construction of Gainesville, Inc.
a Florida corporation

Printed Name: Marlene Pendergast

Gary R. Clemmons
Its: President

Printed Name: Sandra E. Howe

Inst:2006006288 Date:03/14/2006 Time:14:13
DC,P.DeWitt Cason,Columbia County B:1077 P:671

STATE OF FLORIDA
COUNTY OF ALACHUA

The foregoing was sworn to, subscribed and acknowledged before me this 13th day of March, 2006 by GARY R. CLEMMONS as President and Secretary, of G.C. CONSTRUCTION OF GAINESVILLE, INC., A FLORIDA CORPORATION, on behalf of the corporation, who is personally known to me or who produced Florida Drivers License as identification.

Marlene Pendergast
My Commission DD248314
Expires September 09 2007

NOTARY PUBLIC STATE OF FLORIDA
PRINTED NAME: _____
My commission expires:

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 3/27/2006 **DATE ISSUED:** 3/29/2006

ENHANCED 9-1-1 ADDRESS:

455 SW MARYNIK DR

HIGH SPRINGS FL 32643

PROPERTY APPRAISER PARCEL NUMBER:

16-7S-17-10006-206

Remarks:

LOT 6 RIVER RISE UNIT 1 S/D

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

134

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**G.C. Con. - River Rise Lot #6**	Builder:	G.C. Const.
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	24528
Owner:		Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 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		
6. Conditioned floor area (ft²)	2206 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble Default) 223.0 ft²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr
b. SHGC:			HSPF: 8.80
(or Clear or Tint DEFAULT)	7b. (Clear) 223.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 196.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1548.0 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 216.0 ft²	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1622.0 ft²	15. HVAC credits	
b. Under Attic	R=30.0, 602.0 ft²	(CF-Ceiling fan, CV-Cross ventilation,	
c. Under Attic	R=19.0, 131.0 ft²	HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 186.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.10 Total as-built points: 25044 Total base points: 31578 **PASS**

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

PREPARED BY: _____

DATE: 3/30/06

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 Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2206.0	20.04	7957.5	Double, Clear	W	0.0	0.0	67.0	38.52	1.00	2581.1
				Double, Clear	N	0.0	0.0	31.0	19.20	1.00	595.2
				Double, Clear	E	0.0	0.0	95.0	42.06	1.00	3996.1
				Double, Clear	S	0.0	0.0	30.0	35.87	1.00	1076.0
				As-Built Total:				**223.0**			**8248.3**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	216.0	0.70	151.2	Frame, Wood, Exterior	13.0	1548.0	1.50	2322.0
Exterior	1548.0	1.70	2631.6	Frame, Wood, Adjacent	13.0	216.0	0.60	129.6
Base Total:	**1764.0**		**2782.8**	**As-Built Total:**		**1764.0**		**2451.6**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	Exterior Insulated	40.0	4.10	164.0
Exterior	40.0	6.10	244.0	Adjacent Insulated	20.0	1.60	32.0
Base Total:	**60.0**		**292.0**	**As-Built Total:**	**60.0**		**196.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X	SCM =	Points
Under Attic	2206.0	1.73	3816.4	Under Attic	30.0	1622.0	1.73 X	1.00	2806.1
				Under Attic	30.0	602.0	1.73 X	1.00	1041.5
				Under Attic	19.0	131.0	2.34 X	1.00	306.5
Base Total:	**2206.0**		**3816.4**	**As-Built Total:**		**2355.0**			**4154.1**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	196.0(p)	-37.0	-7252.0	Slab-On-Grade Edge Insulation	0.0	196.0(p	-41.20	-8075.2
Raised	0.0	0.00	0.0					
Base Total:			**-7252.0**	**As-Built Total:**		**196.0**		**-8075.2**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	2206.0	10.21	22523.3	2206.0	10.21	22523.3

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 30119.9			**Summer As-Built Points:**					**29498.1**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 48000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			29498	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	8810.9
30119.9	**0.4266**	**12849.2**	**29498.1**	**1.00**	**1.138**	**0.263**	**1.000**	**8810.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , 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	2206.0	12.74	5058.8	Double, Clear	W	0.0	0.0	67.0	20.73	1.00	1388.8	
				Double, Clear	N	0.0	0.0	31.0	24.58	1.00	761.9	
				Double, Clear	E	0.0	0.0	95.0	18.79	1.00	1785.4	
				Double, Clear	S	0.0	0.0	30.0	13.30	1.00	398.9	
				As-Built Total:				**223.0**			**4334.9**	
WALL TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Adjacent	216.0	3.60	777.6	Frame, Wood, Exterior			13.0	1548.0	3.40		5263.2	
Exterior	1548.0	3.70	5727.6	Frame, Wood, Adjacent			13.0	216.0	3.30		712.8	
Base Total:	**1764.0**		**6505.2**	**As-Built Total:**				**1764.0**			**5976.0**	
DOOR TYPES	Area X	BWPM	= Points	Type				Area X	WPM	=	Points	
Adjacent	20.0	11.50	230.0	Exterior Insulated				40.0	8.40		336.0	
Exterior	40.0	12.30	492.0	Adjacent Insulated				20.0	8.00		160.0	
Base Total:	**60.0**		**722.0**	**As-Built Total:**				**60.0**			**496.0**	
CEILING TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	2206.0	2.05	4522.3	Under Attic			30.0	1622.0	2.05 X	1.00	3325.1	
				Under Attic			30.0	602.0	2.05 X	1.00	1234.1	
				Under Attic			19.0	131.0	2.70 X	1.00	353.7	
Base Total:	**2206.0**		**4522.3**	**As-Built Total:**				**2355.0**			**4912.9**	
FLOOR TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Slab	196.0(p)	8.9	1744.4	Slab-On-Grade Edge Insulation			0.0	196.0(p	18.80		3684.8	
Raised	0.0	0.00	0.0									
Base Total:			**1744.4**	**As-Built Total:**				**196.0**			**3684.8**	
INFILTRATION	Area X	BWPM	= Points					Area X	WPM	=	Points	
	2206.0	-0.59	-1301.5					2206.0	-0.59		-1301.5	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**17251.2**	**Winter As-Built Points:**					**18103.1**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 48000 btuh ,EFF(8.8) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			18103.1	1.000	(1.069 x 1.169 x 0.93)	0.387	1.000	8152.7
17251.2	**0.6274**	**10823.4**	**18103.1**	**1.00**	**1.162**	**0.387**	**1.000**	**8152.7**

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 Ratio	X Multiplier	X Credit Multiplier	= Total
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56	1.00	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	+ Hot Water Points	= Total Points
12849	**10823**	**7905**	**31578**	**8811**	**8153**	**8081**	**25044**

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 cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
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* = 86.8

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: 48.0 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				
6.	Conditioned floor area (ft²)	2206 ft²		c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 223.0 ft²		a.	Electric Heat Pump	Cap: 48.0 kBtu/hr
b.	SHGC:					HSPF: 8.80
	(or Clear or Tint DEFAULT)	7b. (Clear) 223.0 ft²		b.	N/A	
8.	Floor types					
a.	Slab-On-Grade Edge Insulation	R=0.0, 196.0(p) ft		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 1548.0 ft²				EF: 0.90
b.	Frame, Wood, Adjacent	R=13.0, 216.0 ft²		b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1622.0 ft²		15.	HVAC credits	
b.	Under Attic	R=30.0, 602.0 ft²			(CF-Ceiling fan, CV-Cross ventilation,	
c.	Under Attic	R=19.0, 131.0 ft²			HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 186.0 ft			MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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.*

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

CLYATT WELL DRILLING, INC.
Post Office Box 180
Worthington Springs, FL 32697
Phone (386)496-2488 FAX (386)496-4640

WELL DESCRIPTION

DESCRIPTION DATE
4/4/2006

CUSTOMER NAME AND ADDRESS	DESCRIPTION OF WORK
G.C. Construction Post Office Box 5893 Gainesville, Florida 32627	4" Well and Pump

DESCRIPTION

JOB: 455 Southwest Marynik Drive, High Springs (#16-7S-17-10006-206), Lot 6, River Rise Unit 1 Subdivision

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 @ 6.25%

CLYATT WELL DRILLING, INC.
Post Office Box 180
Worthington Springs, FL 32697
Phone (386)496-2488 FAX (386)496-4640

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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 @ 6.25%

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.

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001081

DATE 05/17/2006 PARCEL ID # 16-7S-17-10006-206

APPLICANT GARY CLEMMONS PHONE 386 418-2114

ADDRESS 15544 NW 25TH TERR GAINESVILLE FL 32609

OWNER GARY CLEMMONS PHONE 386 418-2114

ADDRESS 455 SW MARYNIK DR HIGH SPRINGS FL 32643

CONTRACTOR GC CONSTRUCTION PHONE 386 418-2114

LOCATION OF PROPERTY 441S, TR ON CR 778, TL ON MARYNIK, 6TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RIVER RISE 6

SIGNATURE

INSTALLATION REQUIREMENTS

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

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

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

Reference to a building permit application Number: 0604-37

C. G. Construction Owner Gary Clemmons
On the date of April 17, 2006 application 0604-37 and plans for placement of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0604-37 when making reference to this application.

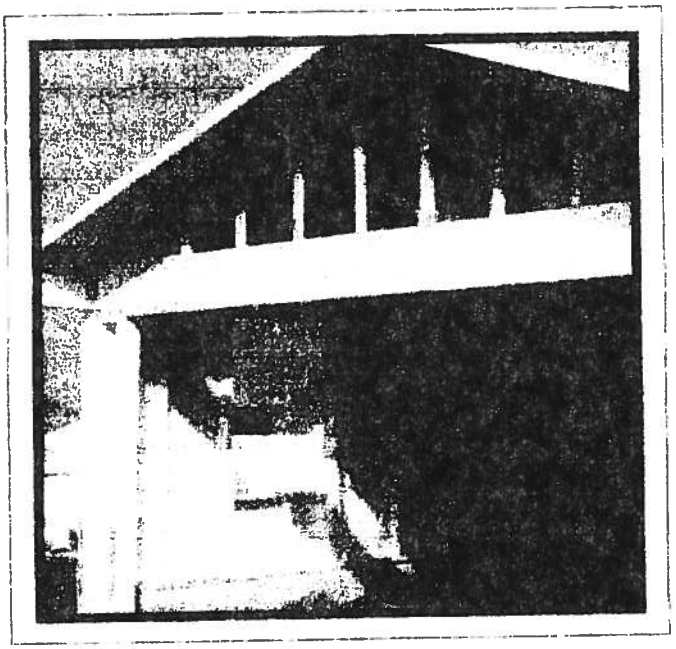
1. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.
2. The electrical plans show the location of the electrical panel and include the total amperage rating of the electrical service panel. Also show the overcurrent protection device which shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting

means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

3. Please show on the electrical plans the locations of the smoke alarms (bedrooms # 2 & 3) as required by FRC-R313.1 Smoke alarms shall be installed in the following locations: In each sleeping room, *outside each separate sleeping area in the immediate vicinity of the bedrooms.* When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.
4. Show on the electrical plans as required by the National Electrical Code article 210.12 that all branch circuits supplying outlets installed within a bedroom shall be protected by Arc-Fault interrupter devices.
5. Please show a detail which will size and define the type header bean that will span the 16'x 7' overhead garage door opening, also show the number required and method of attachment of this bean to the jack & king studs and to the foundation.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department



ENGINEERED WOOD SYSTEMS
APA EWS

APA EWS trademarked glulam beams are supplied with either zero camber or a very flat factory built-in camber which makes it easy to connect glulam with other wood frame components. Figures 1-5 illustrate some of the many simple connection details that can be used with glulam in residential garage door framing. These details are also available from APA in CAD format as a CD.

Notching and Drilling of Glulam

Since glulam timbers are highly engineered components manufactured from specially selected and positioned lumber laminations, an improperly cut notch or a hole drilled in the wrong place can seriously affect the load carrying capacity of the member.

Field notching, cutting or drilling of a glulam beam, particularly on the tension side of the member, should be avoided. Field conditions may require making a cut, notch or hole that was not originally anticipated. In some instances, these can be made in areas of the glulam which are not highly stressed and will thus have minimal effect on the structural capacity of the member. For more information on these specific conditions, refer to the Engineered Wood Systems Technical Note: *Field Notching and Drilling of Glued Laminated Timber Beams*, Form EWS S560

FIGURE 1

GARAGE DOOR HEADER TO END WALL

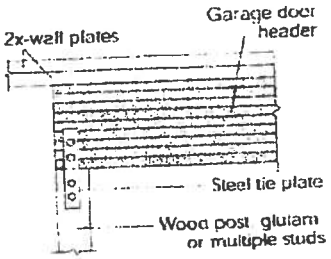
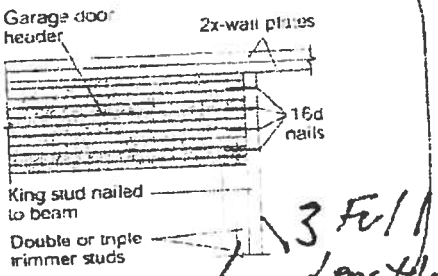


FIGURE 2

GARAGE DOOR HEADER TO END WALL



3 Full Length

2

FIGURE 3

GARAGE DOOR HEADER TO END WALL

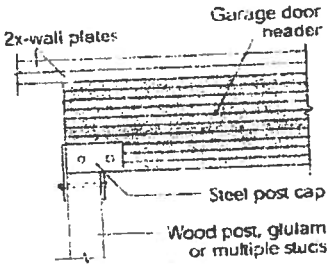
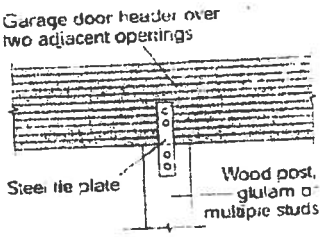


FIGURE 4

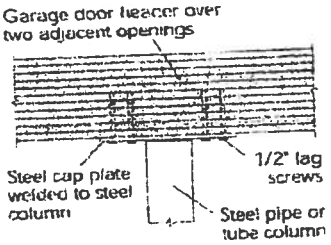
GARAGE DOOR HEADER OVER INTERMEDIATE SUPPORT



According to page 4 of wall

FIGURE 5

GARAGE DOOR HEADER OVER INTERMEDIATE SUPPORT



GC Construction of Gainesville, Inc.

PO Box 5893
Gainesville, FL 32627
386-418-2144 Phone 386-418-0527 Fax
CGC # 052925

May 1, 2006

Reference to building permit application Number: 0604-37

Item 1. Attached letter from Clyatt Well Drilling, Inc. on the well information.

Item 2. Electrical plans show the location of the electrical panel and the meter can to be back to back. In this case, no additional over-current protection devices needed.

Item 3. Item will be addressed with a corrected copy of prints.

Item 4. Item will be addressed with a corrected copy of prints.

Item 5. Header beam information on the garage door opening: Page 4 of the Residential Wind Design and Analysis Report describe the information on the header beam. Also, see the information packet attached here, for additional information on the header beam.

RESIDENTIAL WIND DESIGN & ANALYSIS

NO COPIES ARE TO BE PERMITTED \ FBC2004

PREPARED FOR:

G. C. CONSTRUCTION \ LOT 6 RIVER RISE

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/131GL
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.
71' — Trans: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.
58' — Long: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.

Wall tension transferred by: Siding nails 8d/131 @ 4 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi
Size 1/2 in. Shape L Washer 2" Embedment 7 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 20 in. Bottom width 12 in.

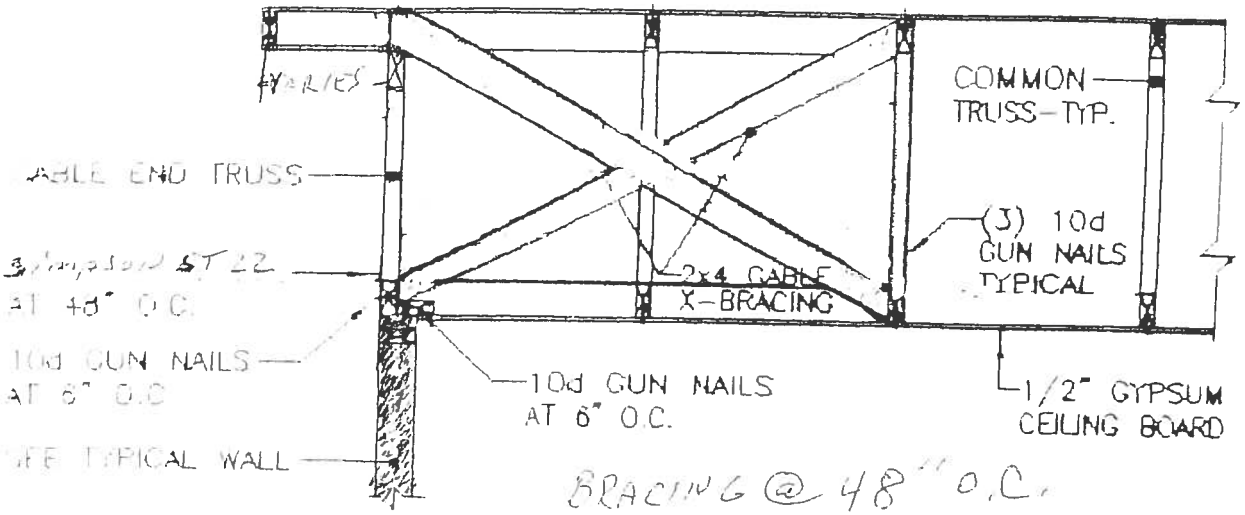
Footing: Width 20 in. Depth 10 in. Reinforcing 2 --# 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 4X4X9' SYP #2 PT @ 108" OC

Porch Column Fasteners: Simpson ABU44/CC44 OR EQual

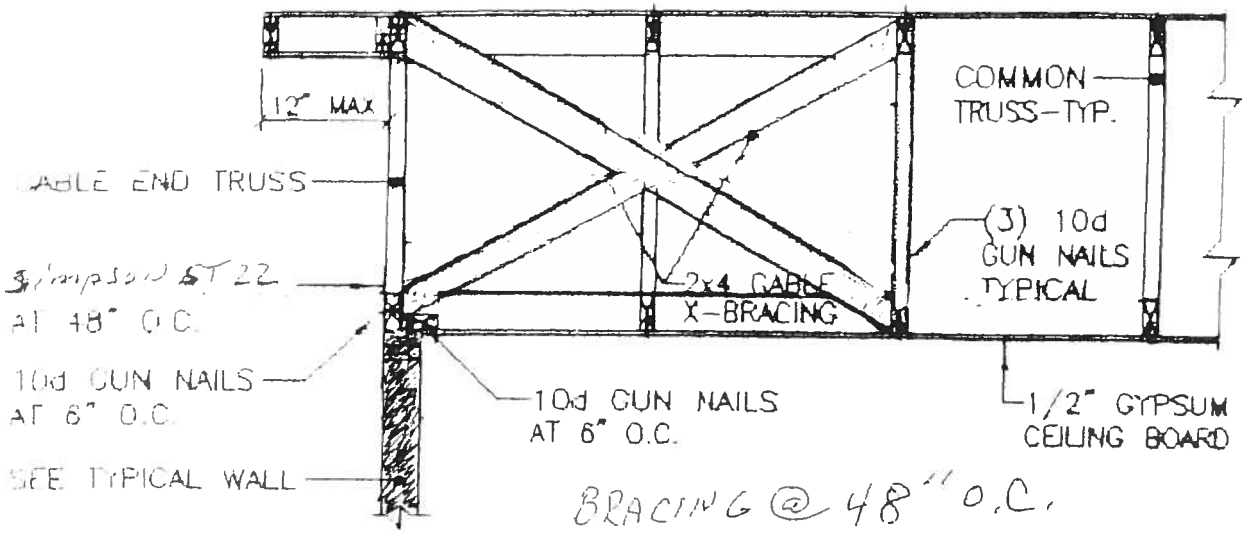
NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload 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.

Lot # -RR.
[signature] 2/2/16



GABLE END DETAIL

SCALE: NTS

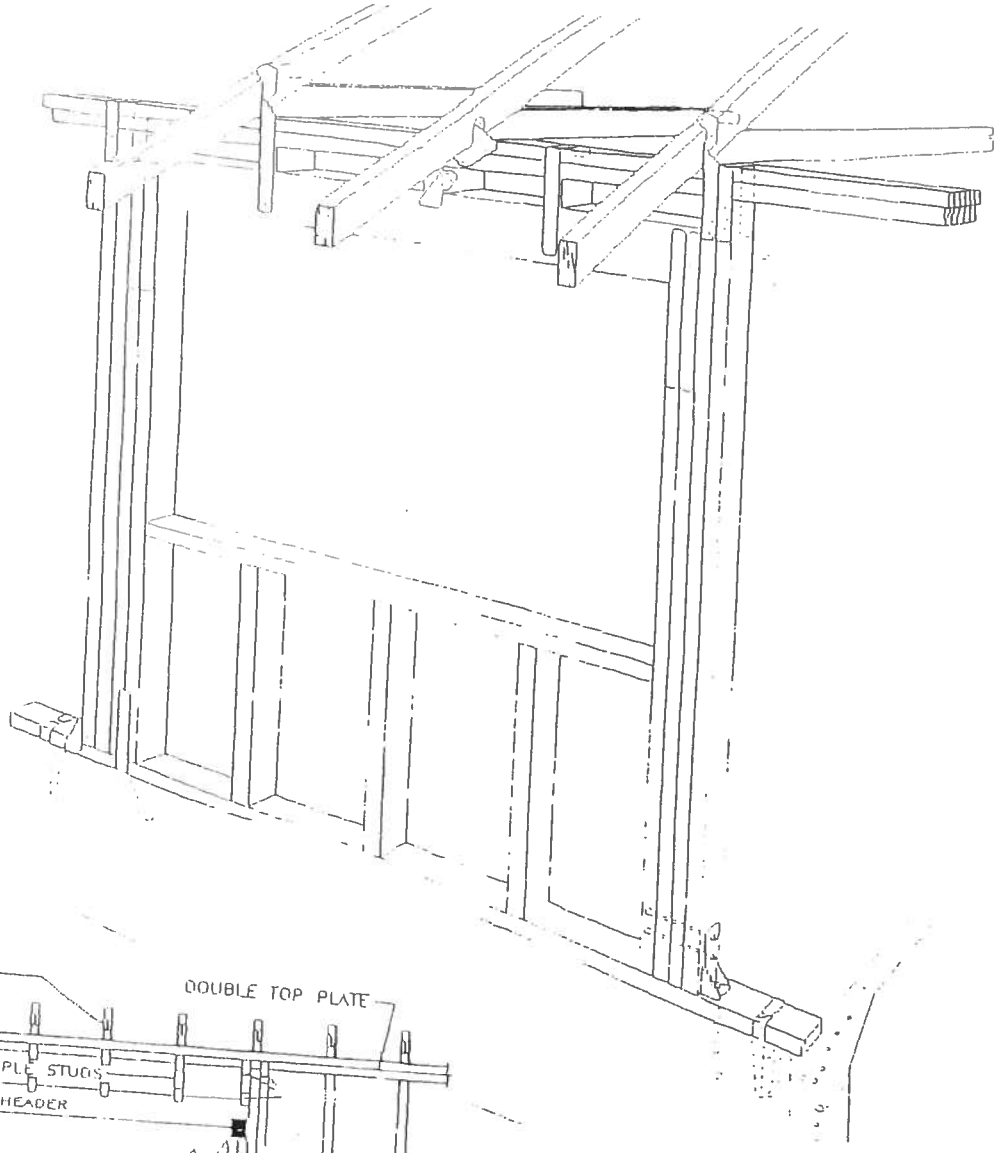


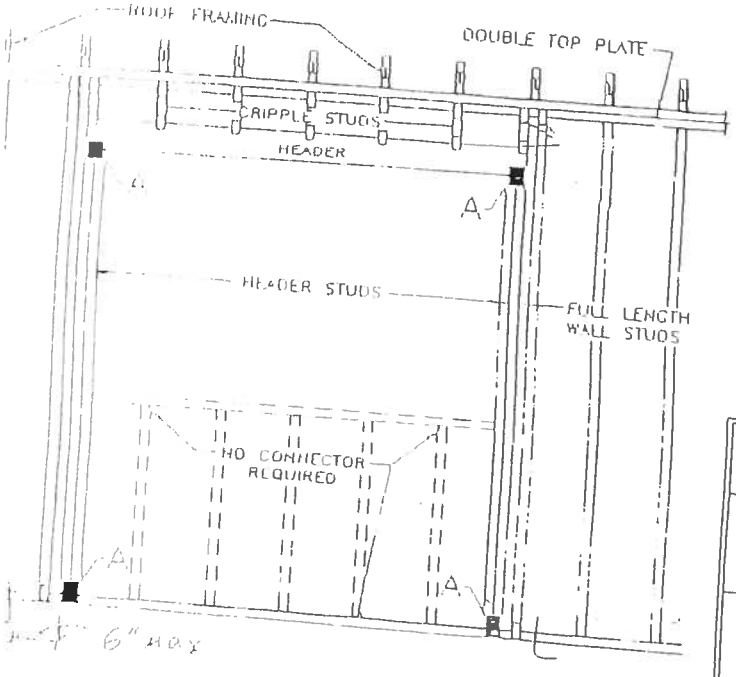
GABLE END DETAIL

SCALE: NTS

RR.

AWC 1398
2/2/06





Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	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

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails @ 3" O.C.
Wall sheathing nailing Adequate exterior walls top w/8d nails @ 3" O.C., as long as sheathing covers top plate, otherwise use SP2 @ 32" O.C. in addition to sheathing nailing.
Use SP2 top and SP1 bottom each stud for all interior load bearing walls and anchor bolts @ 32" O.C.
Interior anchor bolts to be ½" x 8" A307 or ½" x 6" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.
NOTE: For nailing into SPF members, multiply table values by .86

ASCE 7-98

2/2/06

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)	9.00	ft
Ridge Height (RHt)	20.47	ft
Mean Roof Height (Ht)	16.29	ft
Width Perp. to Wind (B)	63.41	ft
Width Parallel to Wind (L)	62.67	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

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	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.26
Flexible Structure	No

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	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8881	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8590	
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	1.06	
Nb	4.6*NatFreq*B/Vzm	4.11	
Nd	15.4*NatFreq*Depth/Vzm	13.61	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5526	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2135	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0708	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.6055	
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))	1.02	

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

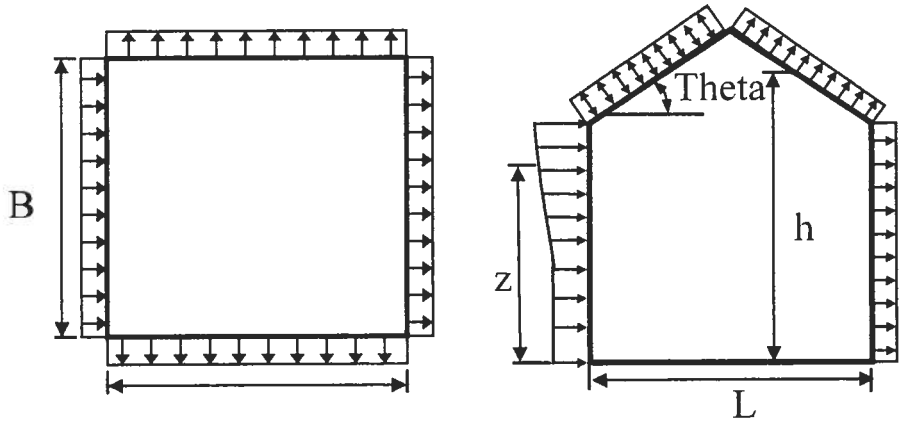
Wind Load Design per ASCE 7-98

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

Elev. ft	Kz	Kzt	Kd 1.00	qz lb/ft^2	Pressure (lb/ft^2) Windward Wall* +GCpi	-GCpi
20.47	0.70	1.00	1.00	21.70	11.63	18.19
20	0.70	1.00	1.00	21.70	11.63	18.19
16.29	0.70	1.00	1.00	21.70	11.63	18.19
15	0.70	1.00	1.00	21.70	11.63	18.19

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.59	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	18.23	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 63.41 ft wall)	-0.50	-11.11	-4.55
Leeward Walls (Wind Dir Parallel to 62.67 ft wall)	-0.50	-11.07	-4.51
Side Walls	-0.70	-14.24	-7.68
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.20	-6.45	0.11
Windward - Max Positive	0.30	1.35	7.92
Leeward Normal to Ridge	-0.60	-12.68	-6.11
Overhang Top	-0.20	-3.17	-3.17
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 8.145 ft	-0.90	-17.37	-10.81

ASCE 7-98

Wind Load Design per ASCE 7-98

Dist from Windward Edge: 8.145 ft to 16.29 ft	-0.90	-17.37	-10.81
Dist from Windward Edge: 16.29 ft to 32.58 ft	-0.50	-11.11	-4.55
Dist from Windward Edge: > 32.58 ft	-0.30	-7.98	-1.42

* Horizontal distance from windward edge

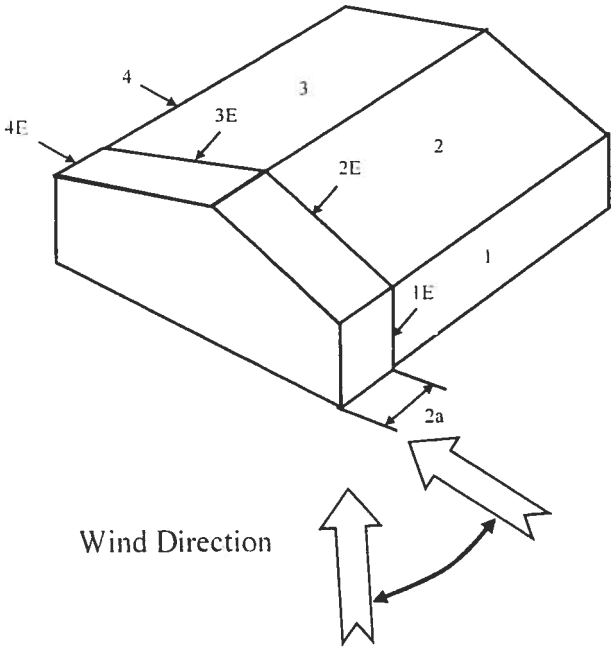
Figure 6-4 - External Pressure Coefficients, GCpf

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

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.59
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.23

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 * (GCpf - GCpi)



ASCE 7-98

Wind Load Design per ASCE 7-98

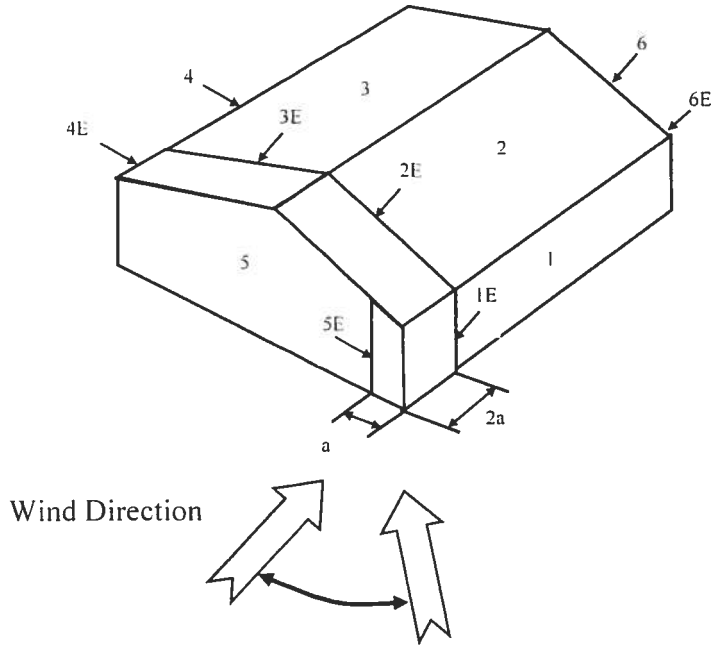
Figure 6-4 - External Pressure Coefficients, GCpf

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

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.59
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.23

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 = qh * (GCpf - GCpi)

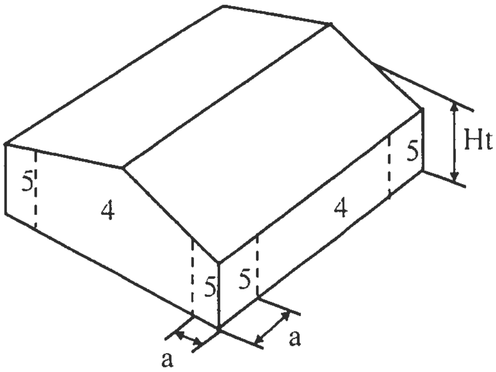


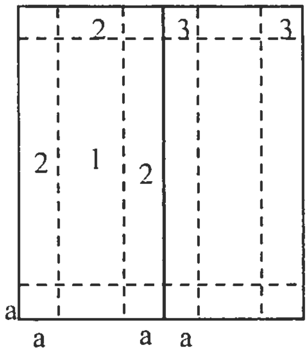
ASCE 7-98

Wind Load Design per ASCE 7-98

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft





Gabled Roof
10 < Theta <= 45

a = 6.267 ==> 6.27 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	18.13	-22.04
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

ASCE 7-98

Wind Load Design per ASCE 7-98

Condition	Gcpi	
	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, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.32	-18.94	-11.11
	P (-GCpi) -psf	5.24	-12.38	-4.55
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.30	-18.94	-11.11
	P (-GCpi) -psf	3.30	-18.94	-11.11

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

Variable	Description	Value	
L	Roof dimension normal to wind direction	62.67	ft
B	Roof dimension parallel to wind direction	63.41	ft
L/B	Ratio of L to B	0.988	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.20	
X	Distance to center of pressure from windward edge	0.42	ft

TP#16-15-17

10006-206

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700

Total uplift for each truss resting on the header and divide by 2 to determine the uplift force.
Use proper bolt anchors sufficient to support required load.

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A

Two 12d common toenails are required per truss/rafter per bearing point into plate.
Use proper bolt anchors.
Strap rafters to trusses or at each end with minimum uplift resistance of 450# each end.
Strap ridge beam at each end with minimum uplift resistance of 1000#.
It is the contractors responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300

*or per truss engineering
Use proper bolt anchors
All beams to be sheathed or strapped to Double Top Plate when applicable.

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails @ 3" O.C.
Wall sheathing nailing Adequate exterior walls top w/8d nails @ 3" O.C., as long as sheathing covers top plate, otherwise use SP2 @ 32" O.C. in addition to sheathing nailing.
Use SP2 top and SP1 bottom each stud for all interior load bearing walls and anchor bolts @ 32" O.C.
Interior anchor bolts to be ½" x 8" A307 or ½" x 6" wedge anchor or equivalent

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.
NOTE: For nailing into SPF members, multiply table values by .86

DUCT SYSTEM SUMMARY
Entire House

New Age Dimensions

Job: River Rise Lot #6
02/27/06

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:	0.57 in H2O	0.57 in H2O
Pressure Losses:	0.12 in H2O	0.12 in H2O
Available Static Pressure:	0.45 in H2O	0.45 in H2O
Friction Rate:	0.880 in/100ft	0.880 in/100ft
Actual AVF:	1600 cfm	1600 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
Bedroom #2	4708	3214	174	164	0.880	650	7	0x 0	VlFx	st1
Bed #2 WIC	345	142	13	7	0.880	146	4	0x 0	VlFx	st1
Bathroom #2	108	133	4	7	0.880	78	4	0x 0	VlFx	st1
Bed #3 WIC	345	142	13	7	0.880	146	4	0x 0	VlFx	st1
Bedroom #3	6485	3888	239	199	0.880	685	8	0x 0	VlFx	st1
Den WIC	274	139	10	7	0.880	116	4	0x 0	VlFx	st1
Den	2308	3099	85	158	0.880	592	7	0x 0	VlFx	st1
Powder Room	94	115	3	6	0.880	67	4	0x 0	VlFx	st2
Great Room-A	4575	2477	169	126	0.880	632	7	0x 0	VlFx	st1
Great Room	4575	2477	169	127	0.880	632	7	0x 0	VlFx	st2
Foyer	2997	1923	111	98	0.880	563	6	0x 0	VlFx	st2
Dining Room	2348	1456	87	74	0.880	635	5	0x 0	VlFx	st2
Kitchen/Nook-A	1960	2493	72	127	0.880	648	6	0x 0	VlFx	st2
Kitchen/Nook	1960	2493	72	127	0.880	648	6	0x 0	VlFx	st2
Laundry Room	1796	2155	66	110	0.880	561	6	0x 0	VlFx	st2
Pantry	35	43	1	2	0.880	25	4	0x 0	VlFx	st2
Master Bedroom	2551	1591	94	81	0.880	690	5	0x 0	VlFx	st2
Master Bedroom-A	2550	1591	94	81	0.880	690	5	0x 0	VlFx	st2
Master WIC	671	288	25	15	0.880	284	4	0x 0	VlFx	st2
Master Bathroom	2686	1471	99	75	0.880	505	6	0x 0	VlFx	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	706	676	706	12	18 x 8	ShtMetl	st
st2	Peak AVF	894	924	739	16~~14~~	18 x 10	ShtMetl	st
st	Peak AVF	1600	1600	640	20	18 x 16~~20~~	ShtMetl	

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	20 x 30~~39~~	1235	0.00	0.880	699	18	0 x 0		VlFx	ra
rb2	14 x 14~~17~~	380	0.00	0.880	696	10	0 x 0		VlFx	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	1600	1600	524	22	20 x 18~~22~~	RectFbg	

RIGHT-J SHORT FORM
Entire House

New Age Dimensions

Job: River Rise Lot #6
02/27/06

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
Outside db (°F)	33	94
Inside db (°F)	68	75
Design TD (°F)	35	19
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	48

Infiltration	
Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make Ruud
Trade Ruud UPMC Series
UPMC-048JA

Efficiency	8.8 HSPF	
Heating input		
Heating output	47500	Btuh @ 47°F
Heating temperature rise	27	°F
Actual heating fan	1600	cfm
Heating air flow factor	0.037	cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make Ruud
Trade Ruud UPMC Series
UPMC-048JA
UBHJ-24+RCBA-60**+RXCT-CHH

Efficiency	13.0 SEER	
Sensible cooling	35872	Btuh
Latent cooling	15374	Btuh
Total cooling	51245	Btuh
Actual cooling fan	1600	cfm
Cooling air flow factor	0.051	cfm/Btuh
Load sensible heat ratio	70	%

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Bedroom #2	176	4708	3214	174	164
Bed #2 WIC	26	345	142	13	7
Bathroom #2	85	108	133	4	7
Bed #3 WIC	26	345	142	13	7
Bedroom #3	176	6485	3888	239	199
Den WIC	44	274	139	10	7
Den	143	2308	3099	85	158
Powder Room	74	94	115	3	6
Great Room	363	9151	4953	338	253
Foyer	99	2997	1923	111	98
Dining Room	138	2348	1456	87	74
Kitchen/Nook	285	3919	4986	145	255
Laundry Room	53	1796	2155	66	110
Pantry	28	35	43	1	2
Master Bedroom	251	5101	3182	188	163
Master WIC	62	671	288	25	15
Master Bathroom	178	2686	1471	99	75

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

Entire House Ventilation air Equip. @ 0.99 RSM Latent cooling	d	2206	43371 0	31328 0 31015 13461	1600	1600
TOTALS		2206	43371	44476	1600	1600

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

TRUSS TIE DOWNS FOR COLUMBIA COUNTY APPLICATION

TP# 16-7S-17-10006-206

TRUSS	FASTENERS	UPLIFT	
A1	H2.5 EACH END	347/241	x12
A2	H2.5 EACH END	347/246	x6
A3	H2.5 EACH END	342/243	x2
A4	H2.5 A EACH END	384/240	x3
A5	H2.5 EACH END	180/361/246	1
A6	H2.5 A EACH END	384/241	x7
A7	ST22@48"OC	17/13/18 GABLE	x2
B1	H2.5 EACH END	392/392	x5
B2	H2.5 EACH END	180/180	x5
B3	ST22@48"OC	15/20 GABLE	1
B4	LGT3-SD52.5	1795/1795	1
B5	H2.5 EACH END	180/180	x19
B6	ST22@48"OC	18 GABLE	1

16D COMMON NAIL 115LB PER NAIL

H2.5 = 365
H2.5A= 520
H2.5T= 545

LGT3-SD52.5

90 - H2.5
26 - ST22
12 - AB44Z
12 - MSTA21

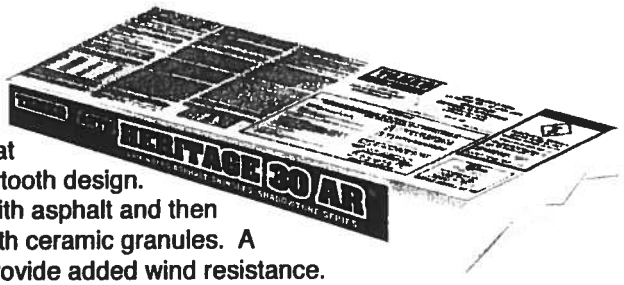
Windows				Attachments			
TYPE	MANUFACTURER	SERIES	SIZE	JAMB-TYPE/SPACING	HEADER TYPE/SPACING	SILLS TYPE/SPACING	MULLIONS
Single hung	AWT	3950	3050	4" from corners 8" on center 1 5/8" #6 Screw	4" from corners 8" on center 1 5/8" #6 Screw	4" from corners 8" on center 1 5/8" #6 Screw	Jamb/Header/Sill to be sealed to buck w/ silicone
Acrylic Block Fixed Light	US Block	F1-15-8	49"x49"GB	#10 x 2" 3" on end 6" oc	" "	" "	N/A

Doors				Attachment of Frame			
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILL	
Insulated/Steel	ThermaTru	Steel	3068	#10 x 2 1/2 6" at corners & 14" infield	#8 x 2 1/2" infield	3/16" Tapcon x 1.75	
Insulated Steel	Gadco	7825		5/16 x 1 1/2" lag 6" from floor	5/16 x 1 1/2 lag 19 1/2 infield		

Shingle Specs Attached

HERITAGE® 30 AR
LAMINATED ASPHALT SHINGLES

PRODUCT DATA



Manufactured in Tuscaloosa, AL.

HERITAGE® 30 AR shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with ceramic granules. A self-sealing strip of asphalt helps provide added wind resistance.

USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

ADVANTAGES

- 30-year limited warranty, 5-year FULL START, limited transferability, winds up to 70 MPH.
- Affordable upgrade from 3-tab shingles.
- Superior fire resistance compared to organic shingles.
- Rustic beauty of wood shakes.
- Shadowtone feature adds depth and dimensional appearance.
- 10-year Algae-Relief (AR) limited warranty that provides for cleaning of discoloration caused by certain algae growth that may occur in areas with high humidity.

CERTIFICATIONS/REPORTS

Listed by UL for:	Tested in compliance with:
Class A Fire Rating	UL 790/ASTM D 3018, Type I; ASTM E 108, Class A
Wind Resistance	UL 997/ASTM D 3161, Type I, Class F (110 mph)
ASTM D 3462	TAS 100-95 Wind and Wind Driven Rain
Fed. Spec.: Exceeds SS-S-001534 Class A, Type I	Miami Dade County Florida NOA 05-0311.04, Expiration Date 03/21/2007

COLORS

Classic Heritage Colors:

- Weathered Wood
- Rustic Cedar
- Rustic Hickory
- Driftwood
- Oxford Grey
- Shadow Grey
- Desert Sand
- Rustic Black
- Olde English Pewter
- Glacier White
- Rustic Evergreen

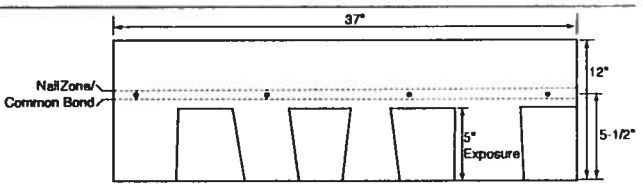
America's Natural Colors:

- Thunderstorm Grey
- Black Walnut
- Harvest Gold
- Mountain Slate
- Natural Timber
- Painted Desert

PRODUCT DATA*

Shingle size	12" X 37"
Exposure	5"
Shingles per square	78
Bundles per square	3

*All values stated as nominal



CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.

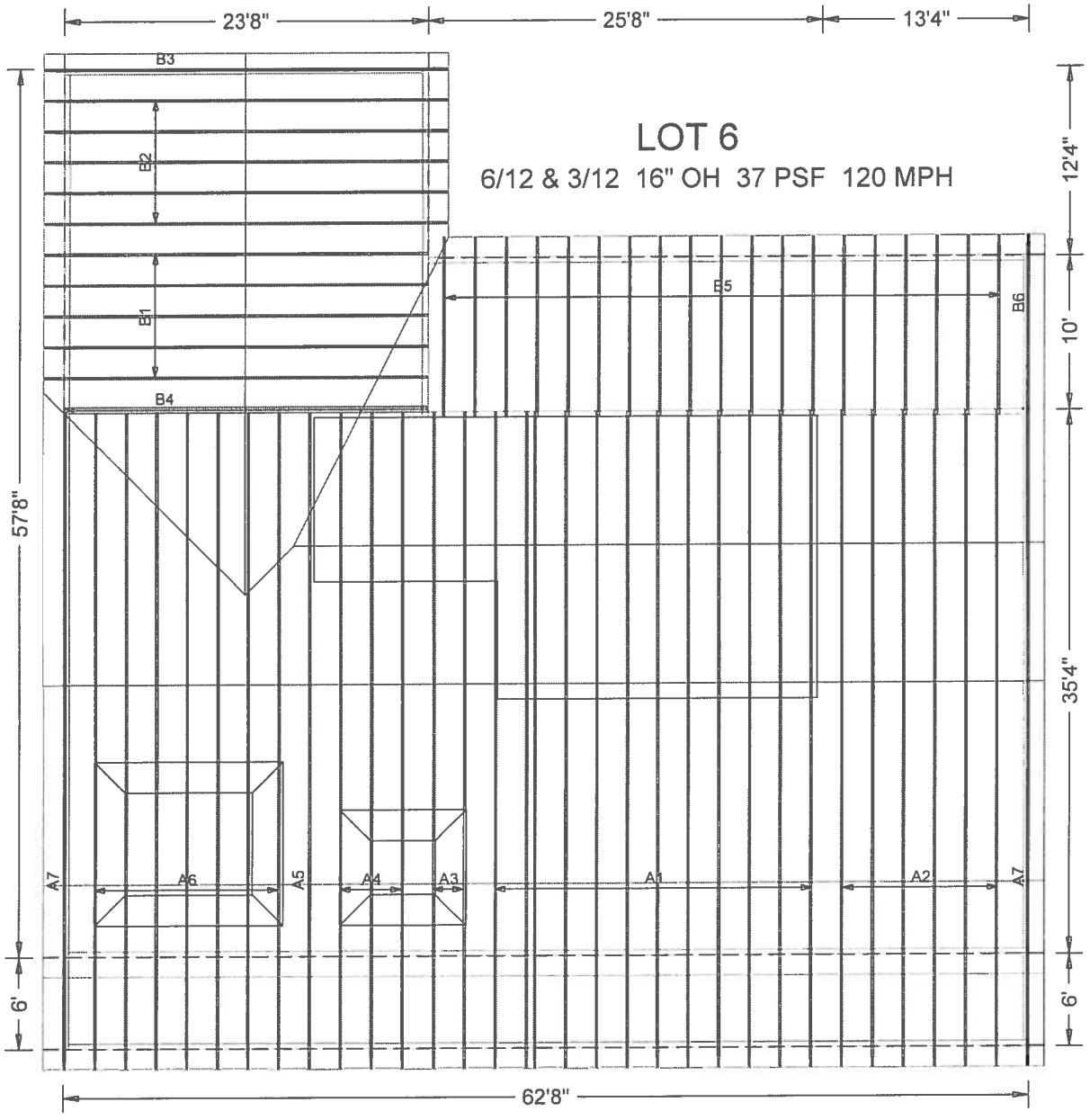
TAMKO ROOFING PRODUCTS

TAMKO Logo, Roofer Logo, Heritage 30 AR® and TAMKO® are registered trademarks of TAMKO® Roofing Products, Inc.

For information regarding a copy of TAMKO's limited warranty, contact your local TAMKO representative, visit us online at www.tamko.com, or call us at 800-641-4691.

08/2005

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868



JOB LOCATION:

JOB DESCRIPTION:

DESIGNED BY: SAMPLE DESIGNER

JOB NO: GCRIVER

PAGE NO: 1 OF 1

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

☐ N/A ☐ d) Location, size and height above roof of chimneys.

☐ N/A ☐ e) Location and size of skylights

☑ ☐ f) Building height

☑ ☐ e) Number of stories

Floor Plan including:

☑ ☐ a) Rooms labeled and dimensioned.

☑ ☐ b) Shear walls identified.

☑ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 **(see attach forms).**

☑ ☐ d) Show safety glazing of glass, where required by code.

☑ ☐ e) Identify egress windows in bedrooms, and size.

☐ N/A ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, **(Please circle applicable type).**

☐ N/A ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.

☑ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

☑ ☐ a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.

☑ ☐ b) All posts and/or column footing including size and reinforcing

☑ ☐ c) Any special support required by soil analysis such as piling

☐ N/A ☐ d) Location of any vertical steel.

Roof System:

☑ ☐ a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:

1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☐ N/A ☐ a) Masonry wall

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

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

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

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing
☐ ☐ c) Girder size and spacing
☐ ☐ d) Attachment of joist to girder
☐ ☐ e) Wind load requirements where applicable
☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
☑ ☐ b) Ceiling fans
☑ ☐ c) Smoke detectors
☑ ☐ d) Service panel and sub-panel size and location(s)
☑ ☐ e) Meter location with type of service entrance (overhead or underground)
☑ ☐ f) Appliances and HVAC equipment
☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms
☑ ☐ h) Exhaust fans in bathroom

HVAC information

☐ ☐ a) Energy Calculations (dimensions shall match plans)
☑ ☐ b) Manual J sizing equipment or equivalent computation
☑ ☐ c) Gas System Type (LP or Natural) Location and BTU demand of equipment
☑ ☐ **Disclosure Statement for Owner Builders**
☑ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done
☑ ☐ **Private Potable Water** Clyatt Well Drilling

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

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

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

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

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

ARROW EXTERMINATORS
TERMITE AND PEST CONTROL

#24528

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: G C Const

Date: 7-3-06 Time: _____ AM _____ PM

Site Location: River Rise

Area Treated: Living Entry Garage Porch

Product Used: Bifen IT Chemical Used: Bifenthrin

% Concentration: .06% # Gallons Used: _____

Applicator: Jerry

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling ( ) Two-Family Residence
( ) Farm Outbuilding ( ) Other_____
( ) New Construction ( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I_____, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number_____

_____

Signature Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____