Received 01/03/2019



Initial Application Date: 1219 Application # 5FD190/-0004
CU#
COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext.2 Fax: (910) 893-2793 www.harnett.org/permits
"A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION!
LANDOWNER, H&H Constructors of Fayetteville, LLC. Mailing Address: 2919 Breezewood Ave. Ste. 400
City: Fayetteville State: NC Zip: 28303 Contact No: 910-486-4864 Email: Stacysimmons@hhhomes.com
APPLICANT*: Same As Above Malling Address: Samé As Above
City; Fayetteville State: NC Zip: 28303 Contact No: 910-486-4864 Email: Stacysimmons@hhhomes.com
CONTACT NAME APPLYING IN OFFICE: Stacy Simmons Phone # 910-486-4864
CONTACT NAME APPLYING IN OFFICE: Stacy Simmons Phone # 910-486-4864 ADDRESS: 151 Pitfield Ruc Pin: 9595-40 - 249
DEED OR OTP: 3543. 237
PROPOSED USE: SFD: (Size 30 x 54) # Bedrooms: # Baths: 25 Basement (w/wo bath): Garage: Deck: Crawl Space: Stab: Stab: Stab: Stab: Stab: Deck: One (if yes add in with # bedrooms)
Mod: (Sizex) # Bedrooms# Baths Basement (w/wo bath) Garage: Site Built Deck: On Frame Off Frame (Is the second floor finished? () yes () no Any other site built additions? () yes () no
Manufactured Home: SW DW TW (Size x.) # Bedrooms: Garage: site built? Deck: site built?
Duplex: (Sizex) No. Buildings: No. Bedrooms Per Unit:
Home Occupation: # Rooms: Use: Hours of Operation: #Employees: #Employees:
Addition/Accessory/Other: (Sizex) Use: Closets in addition? () yes () no
Water Supply: County Existing Well New Well (# of dwellings using well) Must have operable water before final (Need to Complete New Well Application at the same time as New Tank) Sewage Supply: New Septic Tank Expansion Relocation Existing Septic Tank County Sewer (Complete Environmental Health Checklist on other side of application if Septic) Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? (_) yes
Does the property contain any easements whether underground or overhead (yes () no
Structures (existing of proposed): Single family dwellings: Proposed Manufactured Homes: Other (specify):
If permits are granted agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submit I hereby state that for egoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.
Signature of Owner or Owner's Agent Date

***It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.**

*This application expires 6 months from the initial date if permits have not been issued**

APPLICATION CONTINUES ON BACK

strong roots · new growth



Application # SFD1901-0004

Harnett County Central Permitting

pe filled out

po Box 65 Lillington, NC 27546

gwork:

910-893-7525 Fax 910-893-2793 www.harnett.org/permits

Each section below to be filled out by whomever performing work: Must be owner or licensed contractor: Address, company name & phone must match information on license!

Application for Residential Building and Trades Permit

on on license!	<u>.</u>	· Malia
	Constructors of Fayetteville, LLC.	Date: 1 14.19
Site Address: 151 P	ittfield Run	Phone: 910-486-486
Subdivision: Manor @	Lexington Plantation	Lot:
Description of Propose	d Work: New Single Family Residential	· · · · · · · · · · · · · · · · · · ·
	General Contractor Information	mation
H&H Constructors of	Fayetteville, LLC.	910-486-4864
Building Contractor's C		Telephone
2919 Breezewood Ave	e, Ste. 400 Fäyetteville, NC 28303	Stacysimmons@hhhómes.com
Address	•	Email Address
74158	_ _	
License #	Electrical Contractor Info	rmation :
Description of Work S		Size: 200 Amps T-Pôle: X Yes ☐ No
JM Pope Electric, Inc.	 	919-776-5144
Electrical Contractor's		Telephone
409 Chatham Street S	į- <u>-</u>	Electricpope@windstream.net
Address		Email Address
21326		
License #		and the second
_	Mechanical/HVAC Contractor	Information
Description of Work S	Single Family HVAC	
Carolina comfort Air,	lnc	910-891-1239
Mechanical Contracto	*	Telephone
703 N. Clinton Ave. D	ounn, NC 28334	Carolinacomfortair@yahoo.com
Address		Email Address
29077 H-3-1	<u></u>	
License #	Plumbing Contractor Info	ermation
	Single Family Plumbing	# Baths 2.5
Description of vvork	Single Larging .	910-429-9939
Dell HairePlumbing	Campani Namo	Telephone
Plumbing Contractor's	Gillespie St. Fay. NC 28306	dellhaireplumbing@hotmail.com
Address	silespie St. 1 dy. 140 20000	Email Address
32886 P-1	,	
License #		· .
	Insulation Contractor Info	
Tricity Insulation Inc.	418 Person St. Fay, NC 28301	910-486-8855
Insulation Contractor	s Company Name & Address	Telephone

NOTE: General Contractor / owner must fill out and sign the second page of this application.

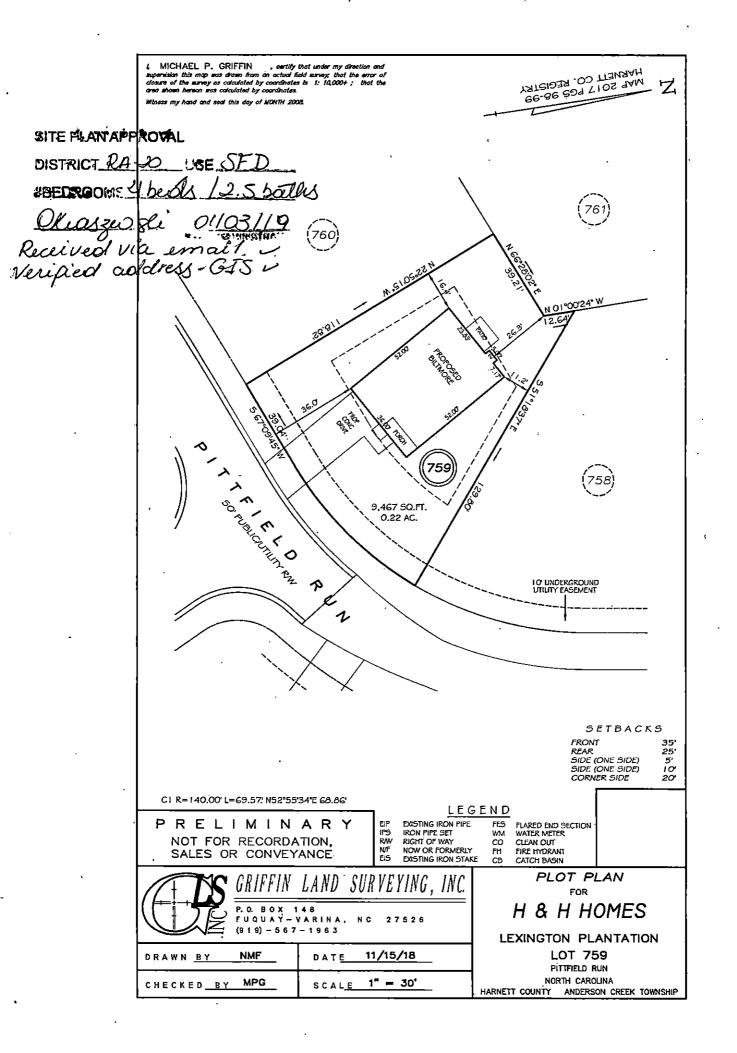


I hereby certify that I have the authority to make necessary application, that the application is correct and that the construction will conform to the regulations in the Building, Electrical, Plumbing and Mechanical codes, and the Harnett County Zoning Ordinance. I state the information on the above contractors is correct as known to me and that by signing below! have obtained all subconfractors permission to obtain these permits and if any changes occur including listed contractors, site plan, number of bedrooms, building and trade plans, Environmental Health permit changes or proposed use changes, I certify it is my responsibility to notify the Harnett County Central Permitting Department of any and all changes.

EXPIRED PERMIT FEES: 6 Months to 2 years permit re-lissue fee is \$150:00. After 2 years re-lissue fee as per ourrent fee schedule.

Owner/Contractor/Officer(s) of Corporation

ſ	Affidavit for Worker's Compensation N.C.G.S. 87-14
١	The undersigned applicant being the:
1	General Contractor Owner Owner Officer/Agent of the Contractor or Owner
	Do hereby confirm under penalties of perjury that the person(s), firm(s) or corporation(s) performing the work set forth in the permit:
	Has three (3) or more employees and has obtained workers' compensation insurance to cover them.
	Has one (1) or more subcontractors(s) and has obtained workers' compensation insurance to cover them.
	Has one (1) or more subcontractors(s) who has their own policy of workers' compensation insurance covering themselves.
	Has no more than two (2) employees and no subcontractors.
:	While working on the project for which this permit is sought it is understood that the Central Permitting Department issuing the permit may require certificates of coverage of worker's compensation insurance prior to issuance of the permit and at any time during the permitted work from any person, firm or corporation carrying out the work.
•	Sign w/Title Hacy & munous Permit Courdinatur Date: 1/2/19



DO NOT REMOVE

Détails: Appointment of Lien Agent

Entry #: 966488

Filed on: 12/18/2018 Initially filed by: meaganbradshaw

Designated Lien Agent

First American Title Insurance Company

Online: www.llensoc.com

Address: 19 W. Hargett St., Suite 507 / Raleigh, NC 27601

,Phone: 888-690-7384

Fax: 913-489-5231

Email: support@llensnc.com

Owner Information

H & H Constructors of Fayetteville, LLC' 2919 Breezewood Avenue Sulte 400 Fayetteville, INC 28303 United States: Email: stacysimmons@hhnomes.com Phone: 910-486-4864 Harnett County
Property Type

151 Pittfield Run Carneron, NC 28326

Project Property

MLP000759 Lot 759 Manor at Lexington

1-2 Family Dwelling

Date of First Furnishing

11/15/2018

Print & Post



Contractors:

Please post this notice on the Job Site.

Suppliers and Subcontractors: Scan this image with your smart phone to view this filing. You can then file a Notice to Lien Agent for this project.

View Comments (0)

Technical Support Hotline: (888) 690-7384

THE MEGET TO WOOD DONNE TO PURE



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<u></u>	T -	Fasteners			DF/SP Allowable Loads			L_	SPF Allowable Loads			
Model	Qty	Ťo	Ťo	U	plifil	Parallel to			pliit	Parallel to		
No.	Read	Rafters	Plates	(133)	(160)	Plate (F ₁) (133/160)	Plate (F ₂) (133/160)		(160)	Platé (F ₁) (133/160)	Plate (F ₂ (133/160	
H2.5	1	¹5-8d	5-80	415	415	150	150	365	365	130	130	
НБА	1	.3-8d	3-8d	350	420	115	180	245	245	100	120	
HGA10	• 1	4-SDS1/x1/2	4-SDS1/x3	435	435	1165	940	375	. 375	870	815	
H5	1	4-8d	4-8d	455	465	115	200	265	265	1001	170	
H1	1	6-8dx11/4	4-80	490	585	485	165	400	400	415	140	
H2.5A	1	5-8d	5-8d	600	600	110	110	520	'535	110	110	
LTSJ2	:18	:6 10dx1½	6 10dx11/2	,720	, 720°	75	125	620	<u>;</u> 620	75 . 1	125	
HBY:	::1, .	5-10dx11/2	5-10dx1½	. 620 .	745 .		. : - : :	530	. 565 ·	: : <u>:</u> :::	$\mathbb{R} = 0$	
H10-2	1	6-10d	6-10d1	760	760	455	∙395	655	655	390 ,	340	
H2.5	2	10-8d	10-8d	830	830	300	300	730	730	260	260	
H5	2	B-8d	8-8d	910	930	230	400	530	530	200	. 340	
H10{+	. j	8-80x1/2; :.	_8.Bdx11/2···	÷905×	, 699°,	i C 585	. 525 .	780	850	505	450	
MTS12.	1'	7-10dx11/2	7-10dx11/2	840	100D	75	125	730	860	75	125	
H1	2	12-8dx11/2	8-8 d	980	1170	970	330	800	600	B30	280	
H2.5A	2	10-8d	10-8d	1200	1200	220	220	1040	1070	220	220	
1 [512	.2	12-10dx11/2	12:10dx1½	1440	1440	150	250	1240	1240	150	250	
HTS20	٠,:1	12-10dx11/2**	12-10dx11/2	1450	1450	75 7	125	1245	1245	76	125	
H16S	1	2-10dx11/2	10-10dx11⁄4	1470	147D			1265	1265			
H16	1	2-10dx11/2	10-10dx11/2	1470	1470	-	-	1265	1265			
H10.77	22	16 pt 1/2 /	海路域場			#YJ70		; 560x	1700	\$\$16f6#?	900	
MIS124	\$2.	4-10dx114	14-10dx1½	1680	2000;	3. 150 t.	250	1460-	1720	F160 .	250 6	



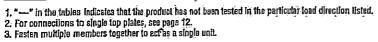
Hurricane Tie Installations to Achieve Twice the Load (Top View)

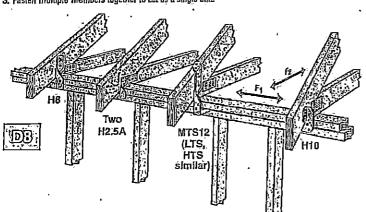


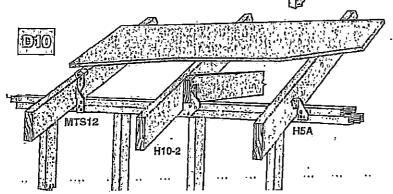
Install diagonally across from each other for minimum 2x truss.

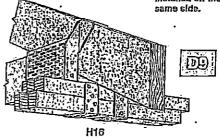


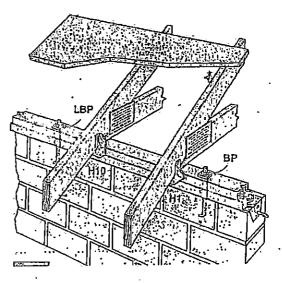
Nailing into both sides of a single ply 2x truss may cause the wood to split. A minimum rafter thickness of 21/2" must be used when connectors are installed on the





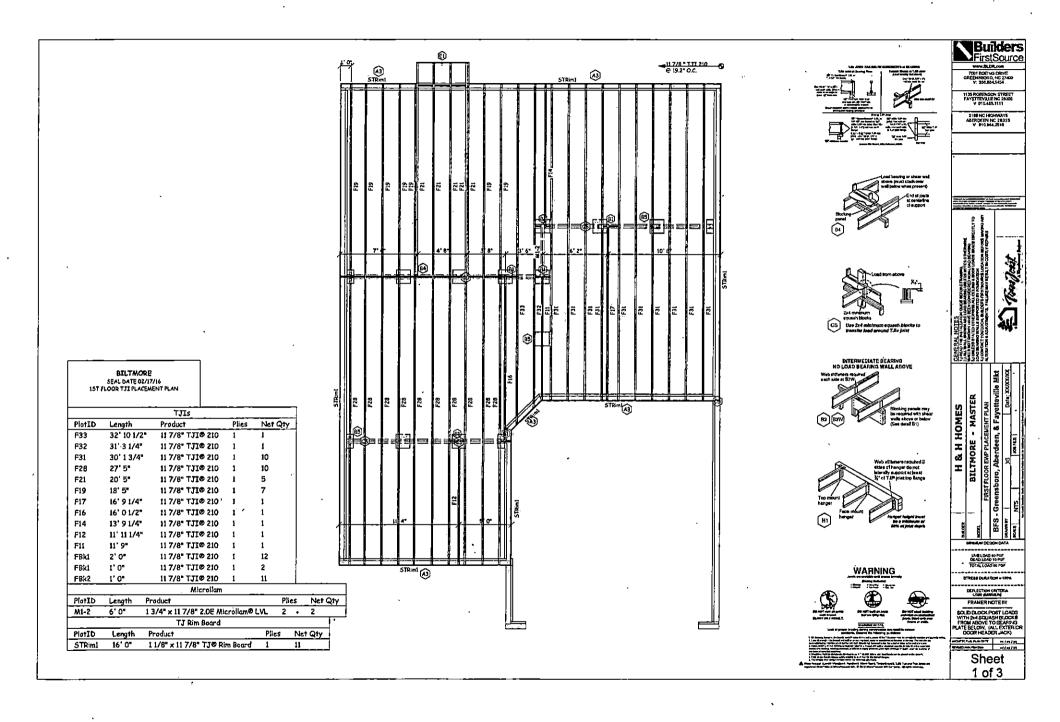


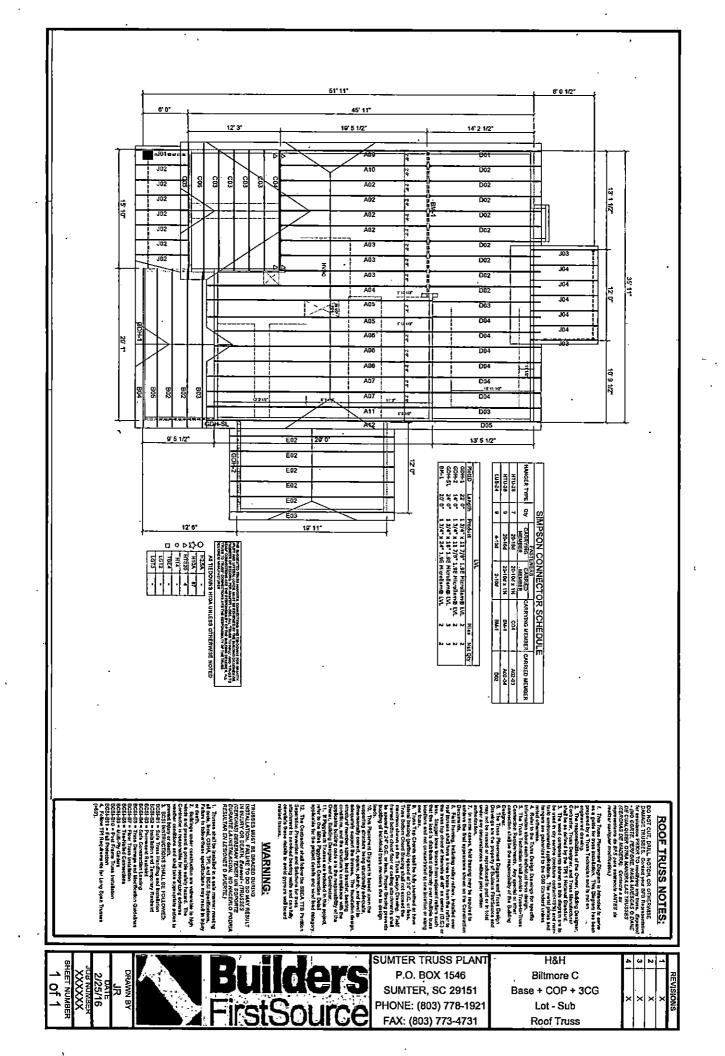


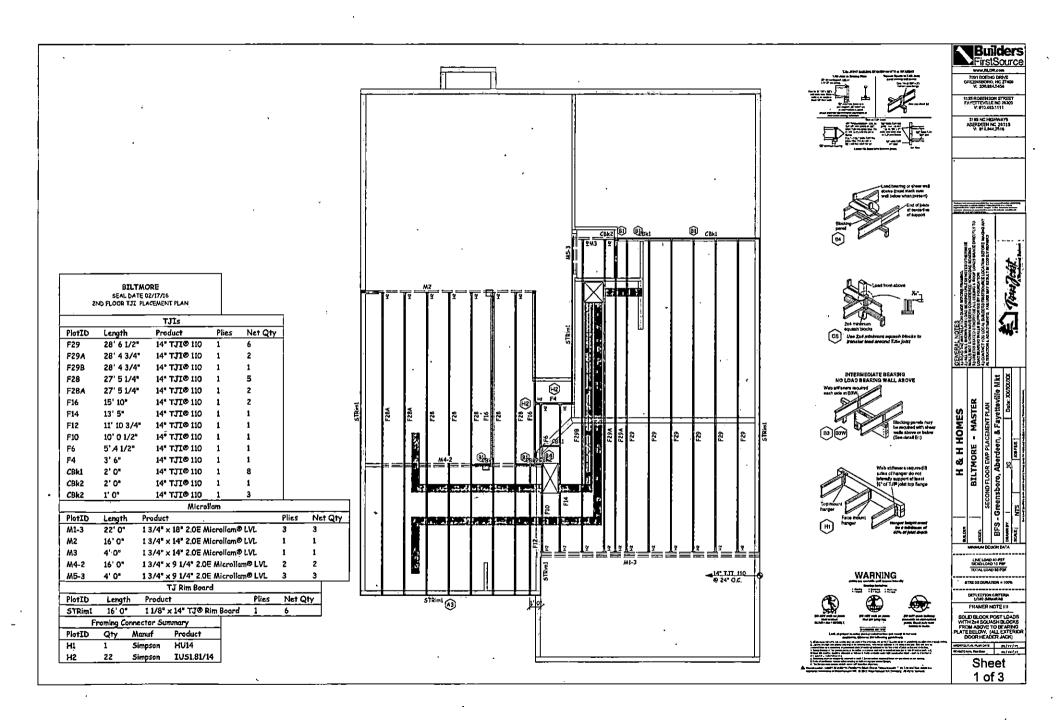














REScheck Software Version 4.6.2.1 **Compliance Certificate**

Project Title: Biltmore worst case - slab foundation

Energy Code: Location:

North Carolina Energy Conservation Code

Lillington, North Carolina Construction Type: Single Family

Project Type:

New construction

Building Orientation: Bldg. faces 90 deg. from North

Glazing Area Percentage: Heating Degree Days: Climate Zone:

3502

Construction Site:

NC

Owner/Agent:

H&H Homes

2919 Breezewood Avenue, Suite 400

Fayetteville, NC 28303

Designer/Contractor:

Justin Smith

Southern Energy Management

101 Kitty Hawk Dr Morrisville, NC 27560 (919) 836-0330

jsmith@southern-energy.com

Compliance: Passes using UA trade-off

Compliance: 1.8% Better Than Code Your UA: 498 Maximum SHGC: 0.30 Your SHGC: 0.27 Maximum UA: 507

The % Better or Worse Than Code index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

	Gross	Cavity	Cont.	Glazing	UA
Assembly	Area or Perimeter	R-Value	R-Value	or Door U-Factor	
Ceiling 1: Flat Ceiling or Scissor Truss	969	26.0	12.0		26
Ceiling 2: Cathedral Ceiling	858	30.0	0.0		29
Wall 1: Wood Frame, 16" o.c. Orientation: Front	648	19.0	0.0		32
Window 1: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Front	75			0.350	26 .
Door 1: Solid Orientation: Front	20			0.200	4
Door 2: Solid Orientation: Front	18			0.200	4
Wall 2: Wood Frame, 16" o.c. Orientation: Left Side	924	19.0	0.0		53
Window 2: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Left Side	38			0.350	13
Wall 3: Wood Frame, 16" o.c. Orientation: Right Side	924	19.0	0.0		53
Window 3: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Right Side	45		Ì	0.350	16
Wall 4: Wood Frame, 16" o.c. Orientation: Back	648	19.0	0.0		35
Window 4: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Back	63			0.350	22
slab: Slab-On-Grade:Unheated Insulation depth: 0.0'	163		0.0		170
over garage: All-Wood Joist/Truss:Over Unconditioned Space	322	19.0	0.0		15

Project Title: Biltmore worst case - slab foundation

Report date: 11/22/16

Data filename: C:\Users\Justin\Desktop\SEM files\REM fil case.rck

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the North Carolina Energy Conservation Code requirements in REScheck Version 4.6.2.1 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Digitally signed by Justin Smith

Name - Title

Digitally signed by Justin Smith

Sign sture

DN: cn=Justin Smith, o=SEM, ou,

email=jsmith@southern-energy.com,

Date: 2016.11.22 11:30:47 -05'00'



REScheck Software Version 4.6.2.1 **Inspection Checklist**

Energy Code: Location: Construction Type:

North Carolina Energy Conservation Code Lillington, North Carolina

Project Type:

Building Orientation: Glazing Area Percentage: Heating Degree Days: Climate Zone:

Single Family
New construction
Bldg. faces 90 deg. from North

7% 3502

Ceilings:

Ceiling 1: Flat Ceiling or Scissor Truss, R-26.0 cavity + R-12.0 continuous insulation Comments:
Ceiling 2: Cathedral Ceiling, R-30.0 cavity insulation Comments:
Above-Grade Walls:
Wall 1: Wood Frame, 16" o.c., R-19.0 cavity insulation Comments:
Wall 2: Wood Frame, 16" o.c., R-19.0 cavity insulation Comments:
Wall 3: Wood Frame, 16" o.c., R-19.0 cavity insulation Comments:
Wall 4: Wood Frame, 16" o.c., R-19.0 cavity insulation Comments:
Windows:
Window 1: Vinyl Frame:Double Pane with Low-E, U-factor: 0.350, SHGC: 0.27, For windows without labeled U-factors, describe features: #Panes Frame Type Thermal Break? Yes No Comments:
Window 2: Vinyl Frame:Double Pane with Low-E, U-factor: 0.350, SHGC: 0.27, For windows without labeled U-factors, describe features:
#Panes Frame Type Thermal Break? Yes No Comments:
Window 3: Vinyl Frame:Double Pane with Low-E, U-factor: 0.350, SHGC: 0.27, For windows without labeled U-factors, describe features:
#Panes Frame Type Thermal Break? Yes No Comments:
Window 4: Vinyl Frame:Double Pane with Low-E, U-factor: 0.350, SHGC: 0.27, For windows without labeled U-factors, describe features:
#Panes Frame Type Thermal Break? Yes No Comments:
Doors:
Door 1: Solid, U-factor: 0.200 Comments:
Door 2: Solid, U-factor: 0.200

Project Title: Biltmore worst case - slab foundation

Report date: 11/22/16

Data filename: C:\Users\Justin\Desktop\SEM files\REM files\H&H Homes\RESchecks\H&H Homes-Biltmore slab-CZ 4-worst

case.rck

	Comments:
	Floors:
П	slab: Slab-On-Grade:Unheated, R-0 (uninsulated)
_	Comments:
	Slab insulation extends down from the top of the slab to at least 0.0 ft. OR down to at least the bottom of the slab then horizontally for a total distance of 0.0 ft. Slab edge insulation must have a 2 inch termite inspection gap.
	over garage: All-Wood Joist/Truss:Over Unconditioned Space, R-19.0 cavity insulation
	Comments:
	Solar Heat Gain Coefficient:
	Solar Heat Gain Coefficient (SHGC) values are determined in accordance with the NFRC test procedure or taken from the default table.
	Air Leakage:
□	
	Air barrier and sealing exists on common walls between dwelling units, on exterior walls behind tubs/showers, and in openings between window/door jambs and framing.
	Recessed lights in the building thermal envelope are 1) type IC rated and ASTM E283 labeled and 2) sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.
	Access doors separating conditioned from unconditioned space (e.g., attic, unconditioned basements and crawlspaces) are weather-stripped and insulated (without insulation compression or damage). Where loose fill insulation exists, a wood framed or equivalent baffle is installed to maintain insulation application. Required insulation values are as follows:
	(1) Hinged vertical doors have a minimum of R-5 insulation.
	(2) Hatches/scuttle hole covers have a minimum of R-10 insulation.
	(3) Pull down stairs have a minimum of R-5 rigid insulation.
	Site-built masonry fireplaces have doors and comply with Section R1006 of the North Carolina Residential Code for combustion air.
	Air Sealing and Insulation:
	Building envelope air tightness and insulation installation complies with one of the following (mark the method that was applied):
	(1) Post rough-in blower door test result of less than or equal to 5 ACH at 50 pascals.
	(2) Post rough-in blower door test result of less than or equal to 0.30 CFM50/square foot of surface area.
	(3) Visual inspection. The following items, along with all other air leakage requirements in this report, are certified by the builder, permit holder or registered design professional as completed.
	(a) Ceiling/attic: Sealants or gaskets provide a continuous air barrier system joining the top plate of framed walls with either the ceiling drywall or the top edge of wall drywall to prevent air leakage. Top plate penetrations are sealed.
	(b) Ceiling/attic: For ceiling finishes that are not air barrier systems such as tongue-and-groove planks, air barrier systems (e.g., taped house wrap) are used above the finish.
	(c) Above Grade Walls: Sill plate is gasketed or sealed to subfloor or slab.
	(d) Windows/doors: Space between window and door jambs and framing are sealed.
	(e) Floors: Air barrier system is installed at any exposed edge of insulation.
	Sunrooms:
	Sunrooms that are thermally isolated from the building envelope have a maximum fenestration U-factor of 0.40 and the maximum skylight U-factor of 0.75.
	Sunrooms with cooling systems shall have a maximum fenestration SHGC or 0.40 for all glazing.
	Materials Identification and Installation:
	Materials and equipment are installed in accordance with the manufacturer's installation instructions. Materials and equipment are identified so that compliance can be determined.
	Manufacturer manuals for all installed heating and cooling equipment and service water heating equipment have been provided.
	Insulation R-values and glazing U-factors are clearly marked on the building plans or specifications.
	Duct Insulation:
	Supply and return ducts in unconditioned space and outdoors are insulated to R-8. Supply ducts inside semi-conditioned space are insulated to R-4.

ı	Duct Construction and Testing:
□	Building framing cavities are not used as supply ducts.
ū	All joints and seams of air ducts, air handlers, filter boxes, and building cavities used as return ducts are sealed. Joints and seams comply with Part V - Mechanical, Section 603.9 of the North Carolina Residential Code.
	Postconstruction total duct leakage test (including air handler enclosure) has been performed and results are less than or equal to 147.1 cfm (6 cfm per 100 ft2 of conditioned floor area) pressure differential of 0.1 inches w.g. Tests are performed according to North Carolina Energy Conservation Code guidelines (Section 403.2.2).
7	Temperature Controls:
	Where the primary heating system is a forced air-furnace, at least one programmable thermostat is installed to control the primary heating system and has set-points initialized at 70 degree F for the heating cycle and 78 degree F for the cooling cycle.
	Heat pumps having supplementary electric-resistance heat have controls that prevent supplemental heat operation when the compressor can meet the heating load.
1	Heating and Cooling Equipment Sizing:
	Heating and cooling equipment shall be sized in accordance with the North Carolina Mechanical Code.
_	For systems serving multiple dwelling units documentation has been submitted demonstrating compliance with 2009 IECC Commercial Building Mechanical and/or Service Water Heating (Sections 503 and 504).
(Circulating Service Hot Water Systems:
	Circulating service hot water pipes are insulated to R-2.
<u> </u>	Circulating service hot water systems include an automatic or accessible manual switch to turn off the circulating pump when the system is not in use.
ı	Heating and Cooling Piping Insulation:
	HVAC piping conveying fluids above 105 degrees F or chilled fluids below 55 degrees F are insulated to R-3.
;	Swimming Pools:
	Heated swimming pools have an on/off heater switch.
	Pool heaters operating on natural gas or LPG have an electronic pilot light.
	Timer switches on pool heaters and pumps are present. Exceptions:
	Where public health standards require continuous pump operation.
	Where pumps operate within solar- and/or waste-heat-recovery systems.
	Heated swimming pools and in-ground permenantly installed spas have a vapor-retardent cover. Exceptions:
,	Covers are not required when 70% of the heating energy is from site-recovered energy or solar energy source.
ı	Lighting Requirements:
	A minimum of 75 percent of the lamps in permanently installed lighting fixtures can be categorized as one of the following:
	(a) Compact fluorescent
	(b) T-8 or smaller diameter linear fluorescent
	(c) 40 lumens per watt for lamp wattage <= 15
	(d) 50 lumens per watt for lamp wattage > 15 and <= 40
	(e) 60 lumens per watt for lamp wattage > 40
(Other Requirements:
	Snow- and ice-melting systems with energy supplied from the service to a building shall include automatic controls capable of shutting off the system when a) the pavement temperature is above 50 degrees F, b) no precipitation is falling, and c) the outdoor temperature is above 40 degrees F (a manual shutoff control is also permitted to satisfy requirement 'c').
(Certificate:
	A permanent certificate is provided on or in the electrical distribution panel listing the predominant insulation R-values; window U-factors; type and efficiency of space-conditioning and water heating equipment. The certificate does not cover or obstruct the visibility of the circuit directory label, service disconnect label or other required labels.
NO.	TES TO FIELD: (Building Department Use Only)

	•			·	
			•		
			_		
		•			
	•		-		:•



Insulation Rating	R-Value	
Ceiling / Roof	38.00	
Above-Grade Wall	19.00	
Below-Grade Wall	0.00	
Floor	19.00	
Ductwork (unconditioned spaces):		•
Glass & Door Rating	U-Factor	SHGC
Window	0.35	0.27
Door	0.20	NA
Heating & Cooling Equipment	Efficiency	
Heating System:		
Cooling System:		
Water Heater:		
Building Air Leakage and Duct Test I	Results	
Air Leakage Compliance Method:	Visual In:	spection
	Air Leaka	age Test
Building Air Leakage Test Results		
Name of Air Leakage Tester		
Duct Tightness Test Results		
Name of Duct Tester		

Date:

Name: _____