

Received: 12/20/18



12/20/18

Initial Application Date: 12/19/18

Application # SFD1812-0038

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 Fayetteville NC 28303 Contact No: 910-486-4864 Email: Stacysimmons@hhhomes.com

APPLICANT: Same As Above Mailing Address: Same 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

ADDRESS: 428 Timber Slip Drive PIN: 0505-83-2357

DEED OR OTP: 3447-0313

- PROPOSED USE:
[X] SFD: (Size 41 x 47) # Bedrooms: 4 # Baths: 2S Basement(w/wo bath): [X] Garage: [X] Deck: [X] Crawl Space: [X] Slab: [X] Monolithic Slab: [X]
[ ] Mod: (Size x ) # Bedrooms # Baths Basement (w/wo bath) [ ] Garage: [ ] Site Built Deck: [ ] On Frame [ ] Off Frame [ ]
[ ] Manufactured Home: [ ] SW [ ] DW [ ] TW (Size x ) # Bedrooms: Garage: [ ] (site built?) [ ] Deck: [ ] (site built?) [ ]
[ ] Duplex: (Size x ) No. Buildings: No. Bedrooms Per Unit:
[ ] Home Occupation: # Rooms: Use: Hours of Operation: #Employees:
[ ] Addition/Accessory/Other: (Size x ) Use: Closets in addition? [ ] yes [ ] no

Water Supply: [X] 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 [X] 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 [X] no

Does the property contain any easements whether underground or overhead [X] yes [ ] no

Structures (existing or proposed): Single family dwellings: Proposed Manufactured Homes: Other (specify):

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing 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: [Signature] Date: 12/19/18

\*\*\*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

strong roots • new growth



Application # SFD1812-0038

Harnett County Central Permitting  
PO Box 65, Lillington, NC 27546  
910-893-7625 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**

Owner's Name: H&H Constructors of Fayetteville, LLC. Date: 12/19/18  
Site Address: 428 Timber Slip Drive Phone: 910-486-4864  
Subdivision: Anderson Creek Crossing Lot: 58  
Description of Proposed Work: New Single Family Residential

**General Contractor Information**

H&H Constructors of Fayetteville, LLC. 910-486-4864  
Building Contractor's Company Name Telephone  
2919 Breezewood Ave. Ste. 400 Fayetteville, NC 28303. Stacysimmons@hhhomes.com  
Address Email Address  
74158

License #

**Electrical Contractor Information**

Description of Work Single Family Electric Service Size: 200 Amps T-Pole:  Yes  No  
JM. Pope Electric, Inc. 919-776-5144  
Electrical Contractor's Company Name Telephone  
409 Chatham Street Sanford, NC 27330 Electricpope@windstream.net  
Address Email Address  
21326

License #

**Mechanical/HVAC Contractor Information**

Description of Work Single Family HVAC  
Carolina comfort Air, Inc. 910-891-1239  
Mechanical Contractor's Company Name Telephone  
703 N. Clinton Ave. Dunn, NC 28334. Carolinacomfortair@yahoo.com  
Address Email Address  
29077 H-3-1

License #

**Plumbing Contractor Information**

Description of Work Single Family Plumbing # Baths 2.5  
Vance Johnson Plumbing, Inc. 910-424-6712  
Plumbing Contractor's Company Name Telephone  
3242 Mid Pine Road Fayetteville, NC 28306 Vanjohnson@vjplumbing.com  
Address Email Address  
07756-P-1

License #

**Insulation Contractor Information**

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 I have obtained all subcontractors 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-issue fee is \$150.00. After 2 years re-issue fee is as per current fee schedule.

Signature of Owner/Contractor/Officer(s) of Corporation

12/19/18

Date

**Affidavit for Worker's Compensation N.C.G.S. 87-14**

The undersigned applicant being the:

General Contractor     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:

Date:

12/19/18

**DO NOT REMOVE!**

**Details: Appointment of Lien Agent**  
Entry #: 967414

Filed on: 12/19/2018  
Initially filed by: meaganbradshaw

**Designated Lien Agent**

First American Title Insurance Company

Online: [www.liensnc.com](http://www.liensnc.com)

Address: 19 W. Hargett St., Suite 507 /

Raleigh, NC 27601

Phone: 888-690-7384

Fax: 913-489-5231

Email: [support@liensnc.com](mailto:support@liensnc.com)

**Owner Information**

H & H Constructors of Fayetteville, LLC

2919 Breezewood Avenue Suite 400

Fayetteville, NC 28303

United States

Email: [stacysimmons@hhhomes.com](mailto:stacysimmons@hhhomes.com)

Phone: 910-486-4864

**Project Property**

ACX000058 Lot 58 Anderson Creek Crossing

428 Timber Sklp Drive

Spring Lake, NC 28390

Harnett County

**Property Type**

1-2 Family Dwelling

**Date of First Furnishing**

11/01/2018

**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.

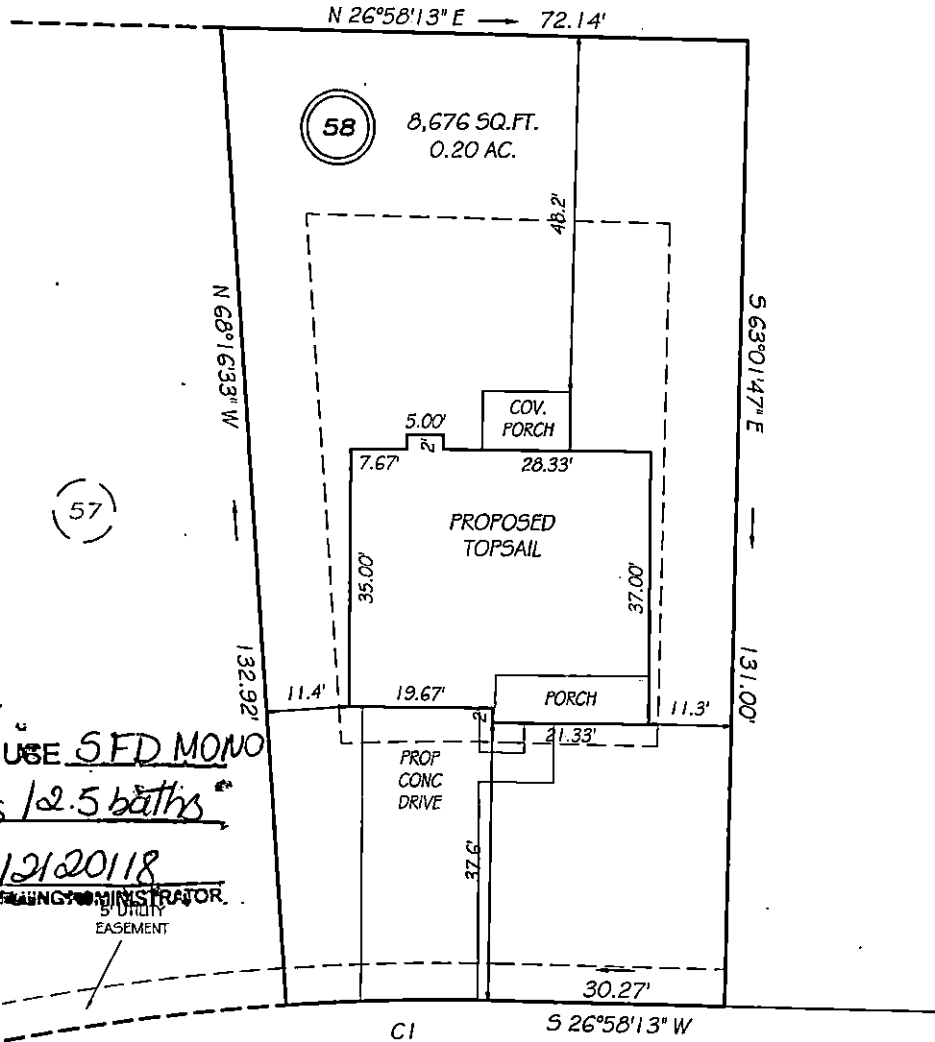
View Comments (0)

Technical Support Hotline: (888) 690-7384

I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1:10,000+; that the area shown hereon was calculated by coordinates.  
 Witness my hand and seal this day of MONTH 2018.

PIN 0505-06-8897  
 DB 1346 PG 98

MAP 2015 PGS 238-239, 258-259  
 HARNETT CO. REGISTRY



**SITE PLAN APPROVAL**  
 DISTRICT RA-20R USE SFD MONO  
 #BEDROOMS 4 beds / 2.5 baths  
Okaszowski 12/20/18  
 ZONING ADMINISTRATOR  
 UTILITY EASEMENT

**TIMBER SKIP DRIVE**  
 50' RW

**SETBACKS**

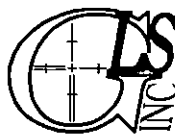
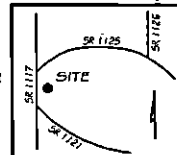
FRONT	30'
REAR	25'
SIDE	10'
CORNER SIDE	20'

CI R=325.00' L=29.76' S24°20'50"W 29.75'

**PRELIMINARY**  
 NOT FOR RECORDATION,  
 SALES OR CONVEYANCE

**LEGEND**

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
RW	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN



**GRIFFIN LAND SURVEYING, INC.**

P.O. BOX 148  
 FUQUAY-VARINA, NC 27526  
 (919) 567-1963

**PLOT PLAN**  
 FOR

**H & H HOMES**

**ANDERSON CREEK CLUB**

**LOT 58**

428 TIMBER SKIP DRIVE

NORTH CAROLINA

HARNETT COUNTY ANDERSON CREEK TOWNSHIP

DRAWN BY NMF

DATE 11/1/18

CHECKED BY MPG

SCALE 1" = 20'



# REScheck Software Version 4.6.2.1 Compliance Certificate

Project Title: Topsail plan slab - worst case

Energy Code: **North Carolina Energy Conservation Code**  
 Location: **Lillington, North Carolina**  
 Construction Type: **Single Family**  
 Project Type: **New construction**  
 Building Orientation: **Bldg. faces 0 deg. from North**  
 Glazing Area Percentage: **11%**  
 Heating Degree Days: **3502**  
 Climate Zone: **4**

Construction Site:  
NC

Owner/Agent:  
H&H Homes  
2919 Breezewood Ave, 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: **1.5% Better Than Code**    Maximum UA: **454**    Your UA: **447**    Maximum SHGC: **0.30**    Your SHGC: **0.27**

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.

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss	1376	26.0	12.0		37
Wall 1: Wood Frame, 16" o.c. Orientation: Front	697	19.0	0.0		34
Window 1: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Front	95			0.350	33
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	581	19.0	0.0		33
Window 2: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Left Side	30			0.350	11
Wall 3: Wood Frame, 16" o.c. Orientation: Right Side	581	19.0	0.0		33
Window 3: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Right Side	28			0.350	10
Wall 4: Wood Frame, 16" o.c. Orientation: Back	697	19.0	0.0		34
Window 4: Vinyl Frame:Double Pane with Low-E SHGC: 0.27 Orientation: Back	124			0.350	43
slab: Slab-On-Grade:Unheated Insulation depth: 0.0'	144		0.0		150
over garage: All-Wood Joist/Truss:Over Unconditioned Space	416	19.0	0.0		20
over ambient: All-Wood Joist/Truss:Over Outside Air	11	19.0	0.0		1

*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.

Name - Title

**Justin Smith**

Signature



Digitally signed by Justin Smith

DN: cn=Justin Smith, o=SEM, ou,  
email=jsmith@southern-energy.com,

c=US

Date: 2016.04.29 12:40:33 -04'00'



# REScheck Software Version 4.6.2.1 Inspection Checklist

Energy Code: North Carolina Energy Conservation Code  
Location: Lillington, North Carolina  
Construction Type: Single Family  
Project Type: New construction  
Building Orientation: Bldg. faces 0 deg. from North  
Glazing Area Percentage: 11%  
Heating Degree Days: 3502  
Climate Zone: 4

## Ceilings:

- Ceiling 1: Flat Ceiling or Scissor Truss, R-26.0 cavity + R-12.0 continuous 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  
Comments: \_\_\_\_\_

## Floors:



- 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: \_\_\_\_\_

Floor insulation is installed to maintain permanent continuous contact with the underside of the subfloor decking, and insulation ends are blocked. Insulation supports that are noncontinuous (i.e., tension support wires) are spaced no more than 18 inches apart and are within 6 inches from each end of the insulation.

- over ambient: All-Wood Joist/Truss:Over Outside Air, R-19.0 cavity insulation

Comments: \_\_\_\_\_

Floor insulation is installed to maintain permanent continuous contact with the underside of the subfloor decking, and insulation ends are blocked. Insulation supports that are noncontinuous (i.e., tension support wires) are spaced no more than 18 inches apart and are within 6 inches from each end of the insulation.

#### 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:

- Joints (including rim joist junctions), attic access openings, penetrations, and all other such openings in the building envelope that are sources of air leakage are sealed with caulk, gasketed, weatherstripped or otherwise sealed with an air barrier material, suitable film or solid material.
- 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.

**Duct Construction and Testing:**

- Building framing cavities are not used as supply ducts.
- 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 138.0 cfm (6 cfm per 100 ft<sup>2</sup> 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).

**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.

**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.
- 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.

**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 permanently 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.

**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

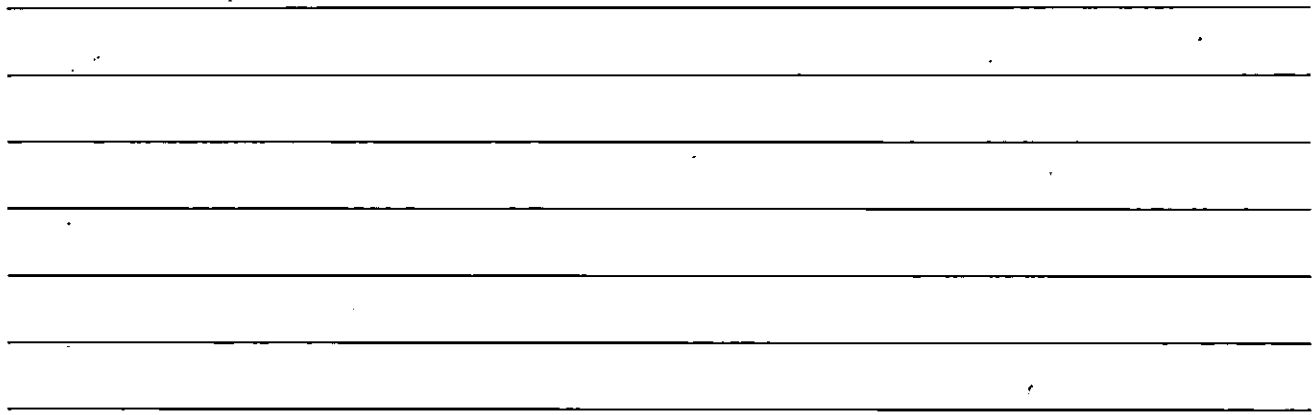
**Other Requirements:**

- 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.

**NOTES TO FIELD: (Building Department Use Only)**





# North Carolina Energy Efficiency Certificate

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 Results	
Air Leakage Compliance Method:	<input type="checkbox"/> Visual Inspection <input type="checkbox"/> Air Leakage Test
Building Air Leakage Test Results	_____
Name of Air Leakage Tester	_____
Duct Tightness Test Results	_____
Name of Duct Tester	_____

Name: \_\_\_\_\_ Date: \_\_\_\_\_

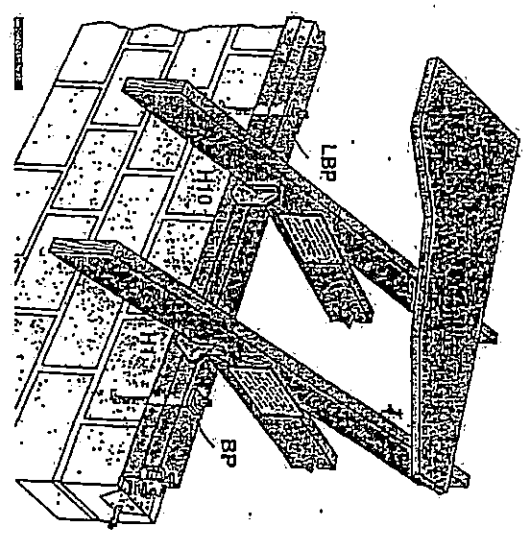
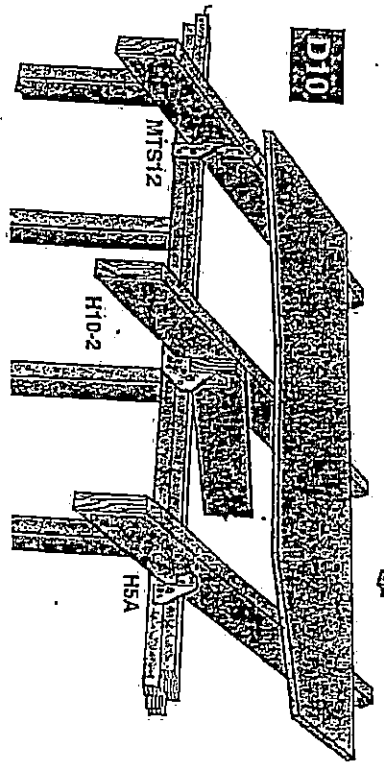
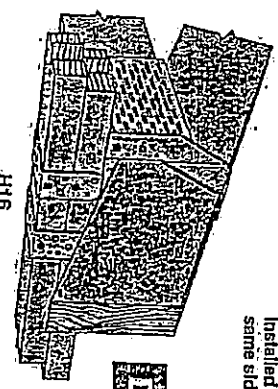
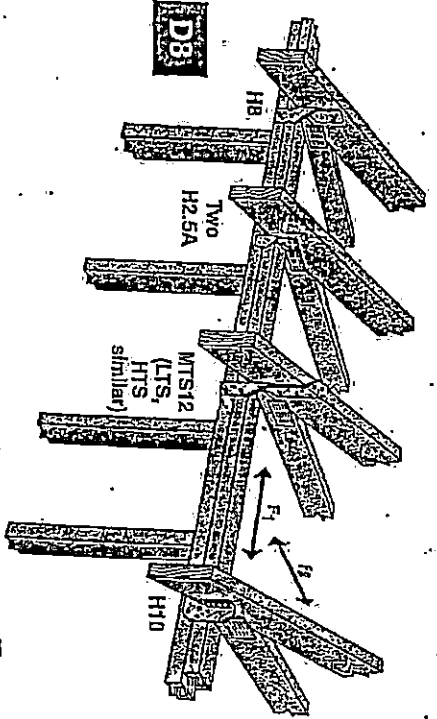
Comments:

# Truss/Rafter to Wood Double Top Plates

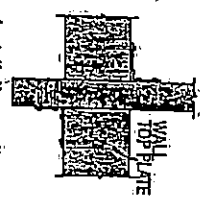


Model No.	Qty Req'd	Fasteners To Rafter	To Plates	DFSP Allowable Loads			SPF Allowable Loads			
				Uplift (193)	Parallel to Plate (F <sub>1</sub> ) (133/760)	Perp. to Plate (F <sub>2</sub> ) (133/760)	Uplift (160)	Parallel to Plate (F <sub>1</sub> ) (133/760)	Perp. to Plate (F <sub>2</sub> ) (133/760)	
H2.5	1	5-8d	5-8d	415	160	150	365	365	130	130
H5A	1	3-8d	3-8d	420	115	180	245	245	100	120
HGA10	1	4-SDS $\times$ 1 $\frac{1}{2}$	4-SDS $\times$ 3	435	1165	940	375	375	870	816
H5	1	4-8d	4-8d	455	465	115	200	285	265	170
H1	1	6-8d $\times$ 1 $\frac{1}{2}$	4-8d	490	585	485	165	400	400	140
H2.5A	1	5-8d	5-8d	600	600	110	110	620	595	110
HS12	1	6-10d $\times$ 1 $\frac{1}{2}$	6-10d $\times$ 1 $\frac{1}{2}$	720	720	76	125	820	820	125
H6	1	5-10d $\times$ 1 $\frac{1}{2}$	5-10d $\times$ 1 $\frac{1}{2}$	620	745	—	—	830	895	—
H10-2	1	6-10d	6-10d	760	760	455	395	655	655	390
H2.5	2	10-8d	10-8d	890	830	800	730	790	280	280
H5	2	8-8d	8-8d	910	930	230	400	530	530	340
H10-1	1	6-8d $\times$ 1 $\frac{1}{2}$	6-8d $\times$ 1 $\frac{1}{2}$	905	990	385	525	760	850	505
MTS12	1	7-10d $\times$ 1 $\frac{1}{2}$	7-10d $\times$ 1 $\frac{1}{2}$	840	1000	75	125	730	860	75
H1	2	12-8d $\times$ 1 $\frac{1}{2}$	8-9d	980	1170	970	330	800	800	290
H2.5A	2	10-8d	10-8d	1200	1200	220	220	1040	1070	220
HS12	2	12-10d $\times$ 1 $\frac{1}{2}$	12-10d $\times$ 1 $\frac{1}{2}$	1440	1440	150	250	1240	1240	150
HS20	1	12-10d $\times$ 1 $\frac{1}{2}$	12-10d $\times$ 1 $\frac{1}{2}$	1450	1450	75	125	1245	1245	75
H16S	1	2-10d $\times$ 1 $\frac{1}{2}$	10-10d $\times$ 1 $\frac{1}{2}$	1470	1470	—	—	1265	1265	—
H16	1	2-10d $\times$ 1 $\frac{1}{2}$	10-10d $\times$ 1 $\frac{1}{2}$	1470	1470	—	—	1265	1265	—
H10	1	6-8d $\times$ 1 $\frac{1}{2}$	6-8d $\times$ 1 $\frac{1}{2}$	1700	1700	1050	1550	1700	1010	900
MTS12	2	10d $\times$ 1 $\frac{1}{2}$	10d $\times$ 1 $\frac{1}{2}$	1650	2000	150	250	1460	1720	150

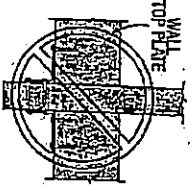
1. "-" In the tables indicates that the product has not been tested in the particular load direction listed.
2. For connections to single top plates, see page 12.
3. Fasten multiple members together to act as a single unit.



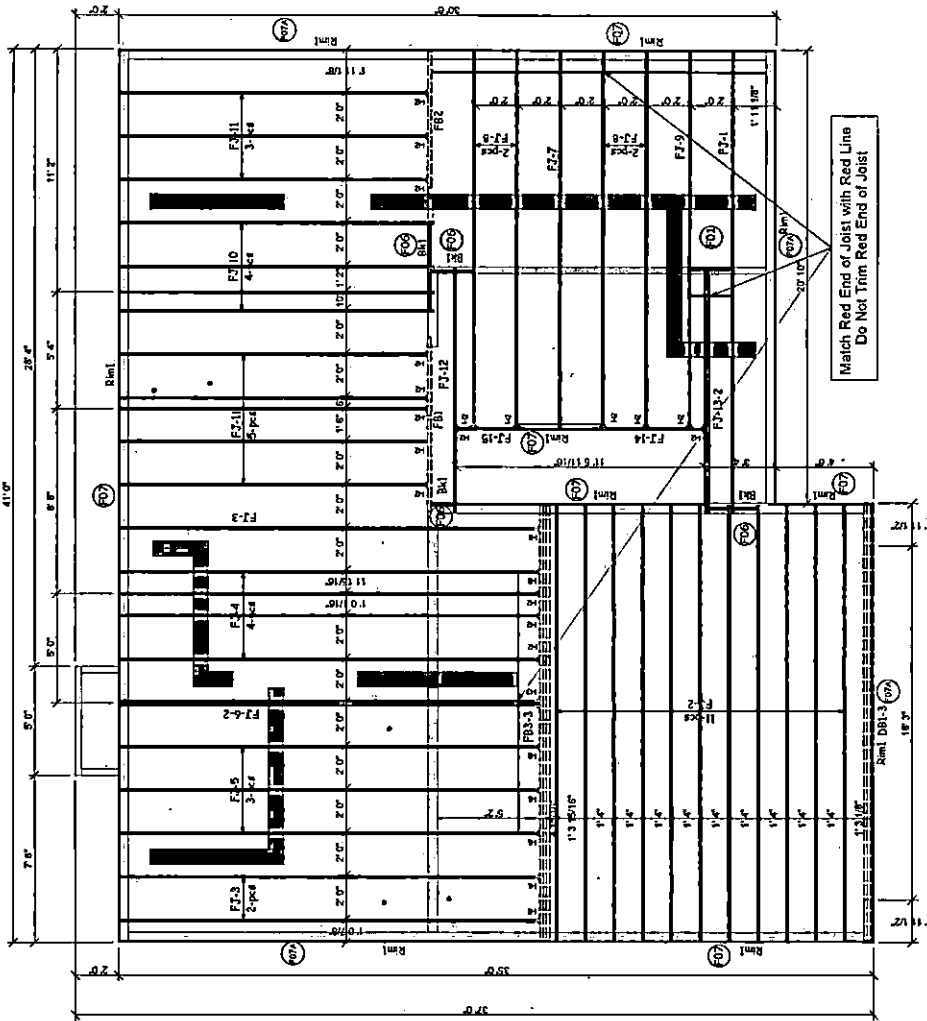
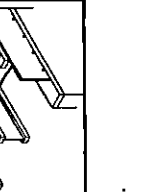
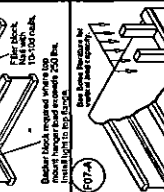
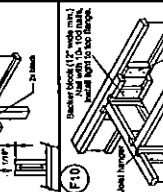
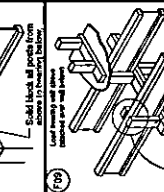
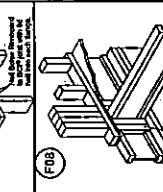
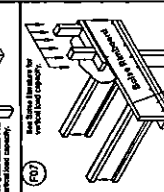
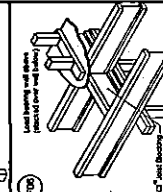
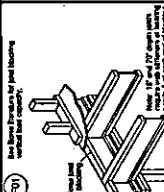
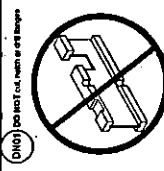
**Hurricane Tie Installations to Achieve Twice the Load (Top View)**



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 rather than a thickness of 2x must be used when connectors are installed on the same side.



Match Red End of Joist with Red Line  
Do Not Trim Red End of Joist

**Builders FirstSource**  
 1135 ROBERTSON AVENUE  
 FAYETTEVILLE, NC 28505  
 V (910) 484-1111  
 WWW.BFS1.COM

3189 NC HIGHWAY  
 ABERDEEN, NC 28315  
 V (704) 283-5254

**GENERAL NOTES:**  
 1. READ THE INSTALLATION GUIDE BEFORE FRAMING.  
 2. ALL JOIST WALLS SHALL BE CONSIDERED NON-LOAD BEARING UNLESS SHOWN OTHERWISE.  
 3. BRACE DIRECTLY TO LOAD BEARING WALLS SUPPORTED BY FOUNDATION.  
 4. CONTACT BUILDERS FIRSTSOURCE FOR MORE INFORMATION OR ASSISTANCE.  
 5. RESULT IN CORRECT REPAIRS.

SCALE: NOT TO SCALE	JOB NUMBER:
DRAWN BY: CORY D. DRETTZ	DATE: 2/26/2017
Builders FirstSource, Central Carolina Markets	
2ND FLOOR EWP PLACEMENT PLAN	
TOPSAIL - SWP-195	

MAXIMUM DESIGN DATA  
 LIVE LOAD: 40 PSF  
 DEAD LOAD: 10 PSF  
 TOTAL LOAD: 50 PSF  
 DCL = 100%  
 DEFLECTION CRITERIA  
 L/360 (MINIMUM)  
 ARCHITECTURAL POSITION DATE  
 1-27-17  
 SHEET  
 2 OF 2

NET QTY	PIES	PRODUCTS	LENGTH	PERIOD
1	1	1" x 14" BC106 4500s-1.8	21' 2 1/2"	F1-1
11	1	1" x 14" BC106 4500s-1.8	20' 0"	F1-2
3	1	1" x 14" BC106 4500s-1.8	19' 5 3/8"	F1-3
4	1	1" x 14" BC106 4500s-1.8	19' 5 3/8"	F1-4
5	1	1" x 14" BC106 4500s-1.8	19' 5 3/8"	F1-5
2	2	1" x 14" BC106 4500s-1.8	17' 4"	F1-6
4	1	1" x 14" BC106 4500s-1.8	17' 3 1/4"	F1-7
4	1	1" x 14" BC106 4500s-1.8	17' 3 1/4"	F1-8
4	1	1" x 14" BC106 4500s-1.8	14' 7"	F1-9
6	1	1" x 14" BC106 4500s-1.8	14' 3 1/2"	F1-10
1	1	1" x 14" BC106 4500s-1.8	11' 3 1/2"	F1-11
2	2	1" x 14" BC106 4500s-1.8	11' 3 1/2"	F1-12
1	1	1" x 14" BC106 4500s-1.8	5' 1 3/4"	F1-13
1	1	1" x 14" BC106 4500s-1.8	3' 1 3/4"	F1-14
3	3	1-3/4" x 11-7/8" VERSA-L-AN#2 2.0 3100 SP	21' 0"	DB1-3
1	1	1-3/4" x 14" VERSA-L-AN#2 2.0 3100 SP	8' 0"	FB1
1	1	1-3/4" x 14" VERSA-L-AN#2 2.0 3100 SP	7' 0"	FB2
3	3	1-3/4" x 18" VERSA-L-AN#2 2.0 3100 SP	20' 0"	FB3-3
14	1	1" x 14" BC RIM SCARD OSS	12' 0"	Rm1
5	1	1" x 14" BC106 4500s-1.8	2' 0"	Bk1

PRODUCT	MANUFACTURER	QTY	PERIOD
HU14	Simpson	7	R1
IUS1.81/14	Simpson	18	H2
MUJ3.58/14	Simpson	1	H3

**TOPSAIL**  
 SEAL DATE: 12-26-17  
 2ND FLOOR JOIST LAYOUT