

PREPARED 1/13/10, 16:31:17
Harnett County

INSPECTION TICKET
INSPECTOR: IVR

PAGE 1
DATE 1/14/10

ADDRESS . . : 292 ASHEFORD WAY SUBDIV: ASHEFORD 149LOTS
CONTRACTOR : CUMBERLAND HOMES INC PHONE : (910) 892-4345
OWNER . . . : D & D HOMES OF NC LLC #106 PHONE : (910) 892-4345
PARCEL . . . : 09-9575-05- -0185- -05-
APPL NUMBER: 09-50023389 CP NEW RESIDENTIAL (SFD)

DIRECTIONS : T/S: 12/09/2009 11:15 AM DJOHNSON --
ASHEFORD SUBD LOT 106
27 WEST FROM LILLINGTON, LEFT ON 24
EAST, RIGHT ON MARKS RD LEFT INTO SUBD
ON ASHEFORD WAY, LOT ON LEFT.

STRUCTURE: 000 000 44X41.6 3 BR ATT GARAGE, PATIO, PORCH SL
FLOOD ZONE : FLOOD ZONE X
BEDROOMS : 3000000.00 PROPOSED USE : SFD
SEPTIC - EXISTING? . . . : NEW WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/14/10 <i>1-14-10</i>	TY <i>AP</i>	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001870872 T/S: 01/13/2010 04:31 PM NTART -----

----- COMMENTS AND NOTES -----

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B103 01	1/29/10 <i>1-27-10</i>	TI <i>AR</i>	R*BLDG FOUND & TEMP SVC POLE VRU #: 001877516

COMMENTS AND NOTES

FS



106 Ashcroft

REScheck Software Version 4.2.1 Compliance Certificate

Project Title: The Austin/Slab

Energy Code: 2006 IRC
Location: Dunn, North Carolina
Construction Type: Single Family
Glazing Area Percentage: 9%
Heating Degree Days: 3502
Climate Zone: 4

Construction Site:
Various Lots
Harnett Co., NC 28334

Owner/Agent:

Designer/Contractor:
Danny Norris
Cumberland Homes, Inc.
Dunn, NC 28334

Compliance: Passes

Compliance: 3.3% Better Than Code Maximum UA: 421 Your UA: 407

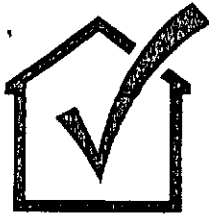
Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss	1224	0.0	30.0		38
Wall 1: Wood Frame, 16" o.c.	2312	13.0	0.0		168
Window 1: Vinyl Frame:Double Pane with Low-E	190			0.350	67
Door 1: Solid	33			0.200	7
Door 2: Glass	18			0.380	7
Door 3: Solid	18			0.160	3
Floor 1: Slab-On-Grade:Unheated Insulation depth: 2.0'	104		5.0		84
Floor 2: All-Wood Joist/Truss:Over Unconditioned Space	480	19.0	0.0		23
Floor 3: All-Wood Joist/Truss:Over Outside Air	217	19.0	0.0		10

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 2006 IRC requirements in REScheck Version 4.2.1 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Danny Norris Contractor
Name - Title

[Signature]
Signature

1/14/10
Date



REScheck Software Version 4.2.1 Inspection Checklist

Cellings:

- Ceiling 1: Flat Ceiling or Scissor Truss, R-30.0 continuous insulation

Comments: _____

Above-Grade Walls:

- Wall 1: Wood Frame, 16" o.c., R-13.0 cavity insulation

Comments: _____

Windows:

- Window 1: Vinyl Frame:Double Pane with Low-E, U-factor: 0.350

For windows without labeled U-factors, describe features:

#Panes _____ Frame Type _____ Thermal Break? _____ Yes _____ No

Comments: _____

Note: Up to 15 sq.ft. of glazed fenestration per dwelling is exempt from U-factor and SHGC requirements.

Doors:

- Door 1: Solid, U-factor: 0.200

Comments: _____

- Door 2: Glass, U-factor: 0.380

Comments: _____

- Door 3: Solid, U-factor: 0.160

Comments: _____

Floors:

- Floor 1: Slab-On-Grade:Unheated, 2.0' insulation depth, R-5.0 continuous insulation

Comments: _____

Slab insulation extends down from the top of the slab to at least 2.0 ft. OR down to at least the bottom of the slab then horizontally for a total distance of 2.0 ft.

- Floor 2: All-Wood Joist/Truss:Over Unconditioned Space, R-19.0 cavity insulation

Comments: _____

Floor insulation is installed in permanent contact with the underside of the subfloor decking.

- Floor 3: All-Wood Joist/Truss:Over Outside Air, R-19.0 cavity insulation

Comments: _____

Floor insulation is installed in permanent contact with the underside of the subfloor decking.

Air Leakage:

- Joints, penetrations, and all other such openings in the building envelope that are sources of air leakage are sealed.
- Recessed lights are either 1) Type IC rated with enclosures sealed/gasketed against leaks to the ceiling, or 2) Type IC rated and ASTM E283 labeled, or 3) installed inside an air-tight assembly with a 0.5" clearance from combustible materials and a 3" clearance from insulation.

Materials Identification:

- 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.
- Insulation is installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.

Duct Insulation:

- Ducts in unconditioned spaces or outside the building are insulated to at least R-8.
- Ducts in floor trusses above unconditioned spaces or above the outdoors are insulated to at least R-6.

Duct Construction:

- Air handlers, filter boxes, and duct connections to flanges of air distribution system equipment or sheet metal fittings are sealed and mechanically fastened.
- All joints, seams, and connections are made substantially airtight with tapes, gasketing, mastics (adhesives) or other approved closure systems. Tapes and mastics are rated UL 181A or UL 181B.
- Building framing cavities are not used as supply ducts.
- Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.
- Additional requirements for tape sealing and metal duct crimping are included by an inspection for compliance with the International Mechanical Code.

Temperature Controls:

- Thermostats exist for each separate HVAC system. A manual or automatic means to partially restrict or shut off the heating and/or cooling input to each zone or floor is provided.

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.

NOTES TO FIELD: (Building Department Use Only)



2006 IRC Energy Efficiency Certificate

Insulation Rating	R-Value
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Ceiling / Roof 30.00

Wall 13.00

Floor / Foundation 19.00

Ductwork (unconditioned spaces): _____

Glass & Door Rating	U-Factor	SHGC
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Window 0.35

Door 0.20 NA

Heating & Cooling Equipment	Efficiency
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Heating System: _____

Cooling System: _____

Water Heater: _____

Name: _____ Date: _____

Comments:

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B103 01	1/29/10 1/29/10	FS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001877516 T/S: 01/29/2010 01:53 PM FSPIVEY -----
A814 01	2/11/10	TI	ADDRESS CONFIRMATION VRU #: 001881820
P309 01	<u>2/11/10</u> <i>2-11-10</i>	TI <i>AP</i>	R*PLUMB UNDER SLAB VRU #: 001881812

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A814 01	2/11/10	TI	ADDRESS CONFIRMATION VRU #: 001881820
P309 01	2/11/10	FS	R*PLUMB UNDER SLAB VRU #: 001881812
	2/11/10	AP	T/S: 02/11/2010 01:52 PM FSPIVEY -----
B111 01	2/12/10	TI	R*BLDG SLAB INSP VRU #: 001882364

2-12-10 *AP*

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A814 01	2/11/10	TW	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001881820
	2/17/10	AP	292 ASHEFORD WAY LOT 106 ----- CAMERON 28326 T/S: 02/17/2010 03:40 PM TWARD -----
B111 01	2/12/10	FS	R*BLDG SLAB INSP VRU #: 001882364
	2/12/10	AP	T/S: 02/12/2010 01:03 PM FSPIVEY -----
R425 01	3/15/10	TI	FOUR TRADE ROUGH IN VRU #: 001894476

3-15-10 AP

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B111 01	2/12/10	FS	R*BLDG SLAB INSP VRU #: 001882364
	2/12/10	AP	T/S: 02/12/2010 01:03 PM FSPIVEY -----
R425 01	3/15/10	FS	FOUR TRADE ROUGH IN VRU #: 001894476
	3/15/10	AP	T/S: 03/15/2010 02:12 PM FSPIVEY -----
I129 01	3/17/10	TY	R*INSULATION INSPECTION VRU #: 001895606

Handwritten signature and date:
3-17-10 [Signature]

COMMENTS AND NOTES

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B111 01	2/12/10	FS	R*BLDG SLAB INSP VRU #: 001882364
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R425 01	3/15/10	FS	FOUR TRADE ROUGH IN VRU #: 001894476
	3/15/10	AP	T/S: 03/15/2010 02:12 PM FSPIVEY -----
I129 01	3/17/10	FS	R*INSULATION INSPECTION VRU #: 001895606
	3/17/10	AP	T/S: 03/17/2010 02:17 PM FSPIVEY -----
H824 01	4/14/10	OT	✓ ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001910777
	4/14/10	AP	T/S: 04/15/2010 10:25 AM SSTEWARD ----- T/S: 04/15/2010 10:25 AM SSTEWARD -----
R429 01	4/29/10	TI	FOUR TRADE FINAL VRU #: 001917970

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COMMENTS AND NOTES

County of Harnett
Building Inspections Department
Planning Services

Certificate of Compliance: ___ Occupancy:

Certificate issued pursuant to the requirements of North Carolina General Statute 153A-363 and Harnett County Zoning Ordinances. This certifies at the time of issuance, this structure was, in compliance with the various ordinances of the County of Harnett and the North Carolina State Building Codes. For the following:

Use Classification: Home

Name: DAVID HAMES

Address: 292 ASHFORD

CAMERON 28524

Date: 4-29-10

Building Official: Jud Spillman

Permit Numbers

Building: 95-25589

Electrical: 95-23389

Insulation: 95-25589

Plumbing: 95-23389

Mechanical: 95-25589

MFG/Home: