

ADDRESS : 176 REGAL CREST DR
CONTRACTOR :
OWNER : MILLICAN ROBERT C & KRISTI L
PARCEL : 05-0633- - -0013- -09-
APPL NUMBER: 08-50021321 CP NEW RESIDENTIAL (SFD)

SUBDIV: REGAL CREST 13LOTS
PHONE :
PHONE : (919) 557-7138

DIRECTIONS : 176 REGAL CREST, REGAL CREST SUB DIV
#10. 401N, LEFT ON CHRISTIAN LIGHT RD
APPROX 5MI TO RIVER RD, LEFT ON RIVER
RD APPROX 3/4MI RIGHT IN REGAL CREST
SUB DIV LOT #10.
T/S: 12/01/2008 12:55 PM VBROWN ----

STRUCTURE: 000 000 56X95 3BDR 2.5BATH SFD,DET GAR, CRAWL

FLOOD ZONE : FLOOD ZONE X

BEDROOMS : 3.00

PROPOSED USE : SFD

SEPTIC - EXISTING? : NEW

WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS	TIME	VRU #
B101 01	1/14/09 <u>1-14-09</u>	TI <u>AOB</u>	R*BLDG FOOTING / TEMP SVC POLE	17:00	001726066

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

ADDRESS : 176 REGAL CREST DR
CONTRACTOR :
OWNER : MILLICAN ROBERT C & KRISTI L
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STRUCTURE: 000 000 56X95 3BDR 2.5BATH SFD,DET GAR, CRAWL

FLOOD ZONE : FLOOD ZONE X

BEDROOMS : 3.00

SEPTIC - EXISTING? : NEW

PROPOSED USE : SFD
WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/14/09	BS	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001726066
	1/14/09	AP	
B103 01	1/30/09 <u>1-30-09</u>	TI <u>APRS</u>	R*BLDG FOUND & TEMP SVC POLE VOICE MESSAGE LEFT VRU #: 001730201

COMMENTS AND NOTES

Cre
919-669-8406

47974146

ADDRESS . . : 176 REGAL CREST DR
 CONTRACTOR :
 OWNER . . : MILLICAN ROBERT C & KRISTI L
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STRUCTURE: 000 000 56X95 3BDR 2.5BATH SFD,DET GAR, CRAWL
 FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 3.00 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	1/14/09 1/14/09	BS AP	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001726066
B103 01	1/30/09 1/30/09	BS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001730201 VOICE MESSAGE LEFT Premise # 47974146
B105 01	2/04/09 <u>2-04-09</u>	TI <u>APBS</u>	R*OPEN FLOOR VRU #: 001731433

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

ADDRESS : 176 REGAL CREST DR
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 T/S: 12/01/2008 12:55 PM VBROWN ----

SUBDIV: REGAL CREST 13LOTS
 PHONE :
 PHONE : (919) 557-7138

STRUCTURE: 000 000 56X95 3BDR 2.5BATH SFD,DET GAR, CRAWL

FLOOD ZONE : FLOOD ZONE X

BEDROOMS : 3.00

SEPTIC - EXISTING? : NEW

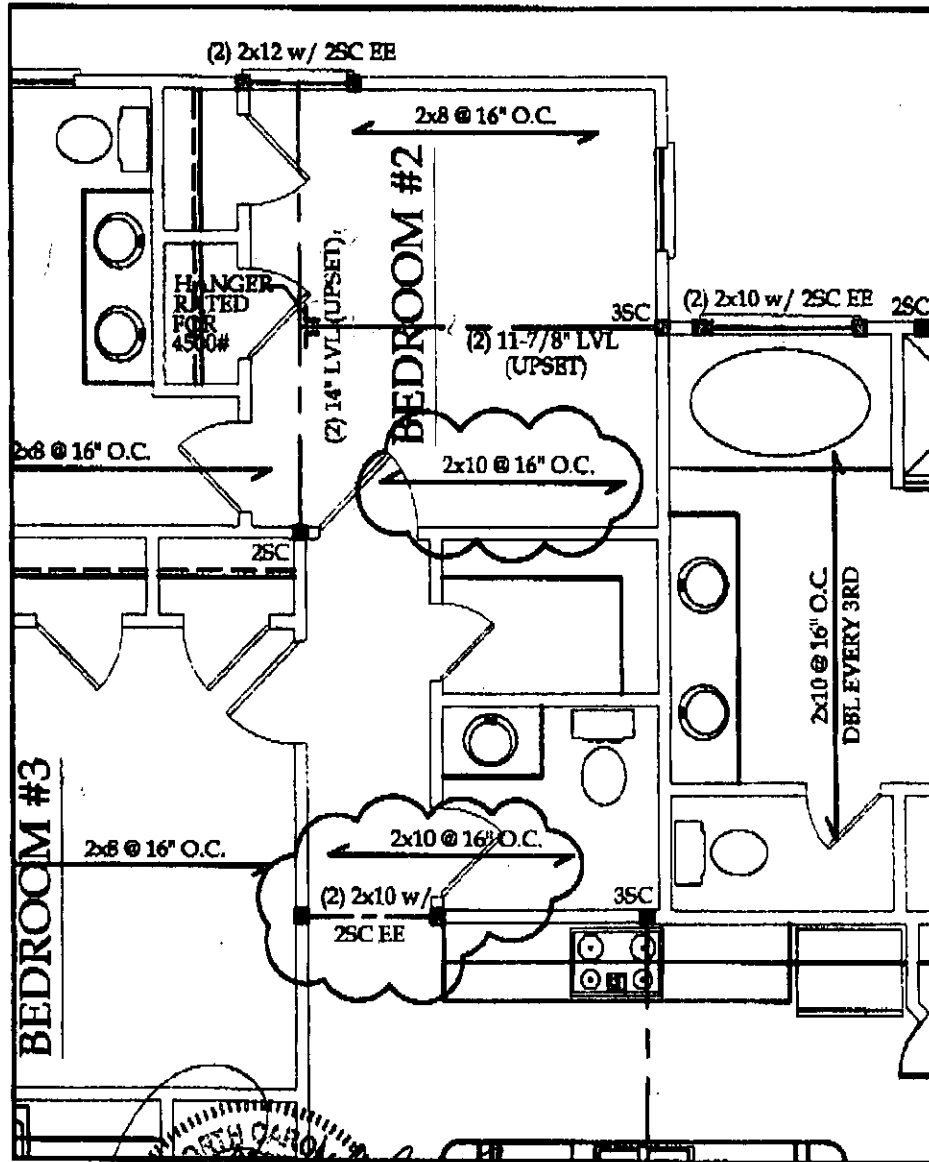
PROPOSED USE : SFD

WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/14/09	BS	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001726066
	1/14/09	AP	
B103 01	1/30/09	BS	R*BLDG FOUND & TEMP SVC POLE VRU #: 001730201
	1/30/09	AP	VOICE MESSAGE LEFT Premise # 47974146
B105 01	2/04/09	BS	R*OPEN FLOOR VRU #: 001731433
	2/04/09	AP	
A814 01	3/13/09	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001743582
R427 01	3/13/09	BS	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001743608
	3/13/09	CA	
R427 02	3/19/09	TI	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001745116
	<u>3-19-09</u>	<u>DABS</u>	CUSTOMER REQUEST INSP AFTER 12:00 PM FOR GAS MAN.

COMMENTS AND NOTES

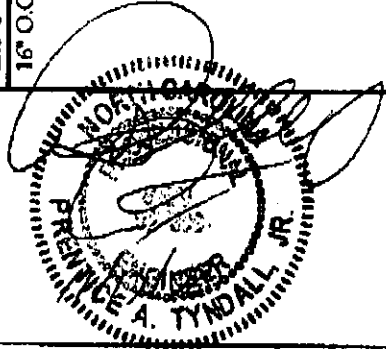
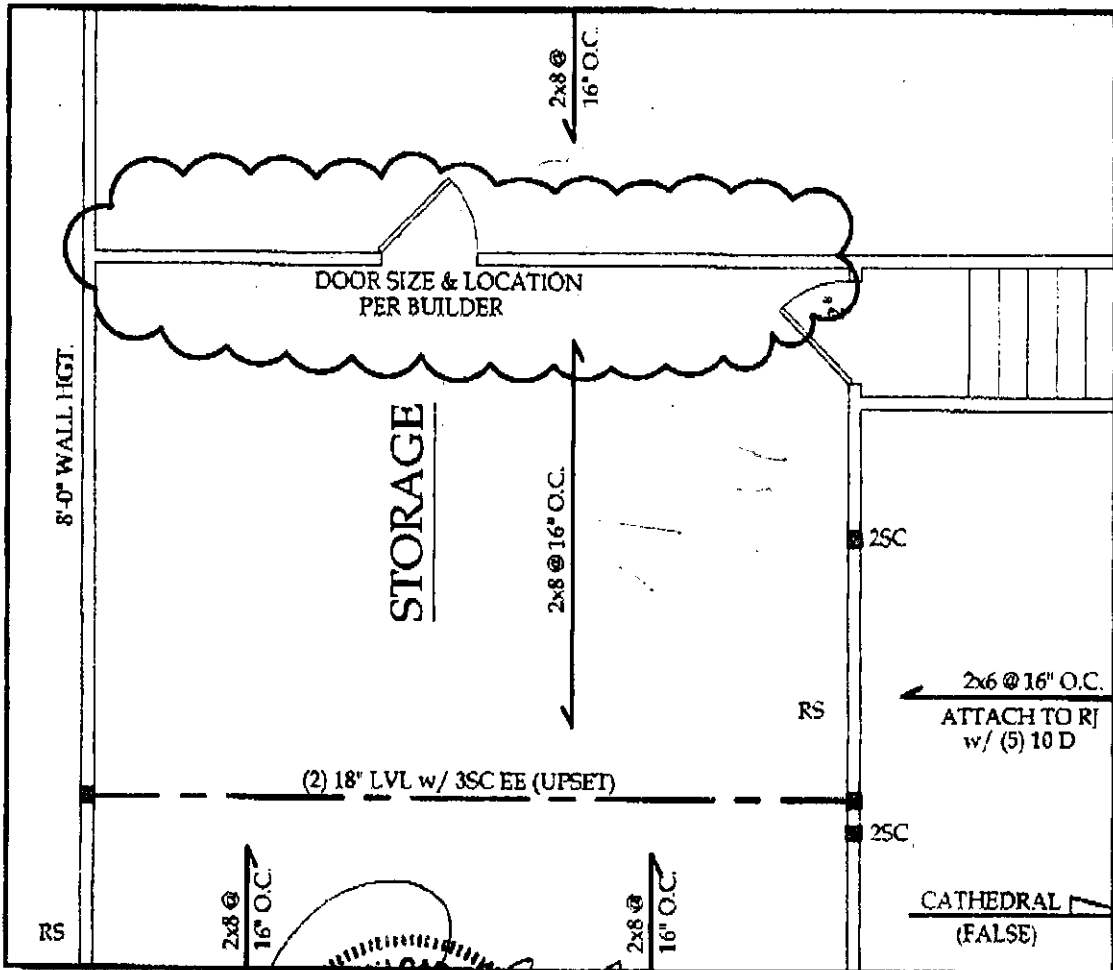


TYNDALL
ENGINEERING & DESIGN, P.A.

69 Sappalah Drive, Garner, NC 27526 Office: (919) 773-1200 Fax: (919) 773-9656
www.tyndallengineering.com

FIRST FLOOR PLAN

Design By: LAG	Check By: PAT
Date: 11/17/08	Scale: NTS



TYNDALL
ENGINEERING & DESIGN, P.A.

69 Elizabeth Drive, Garner, NC 27526 Office: (919) 773-1200 Fax: (919) 773-6656
www.tyndallengineering.com

SECOND FLOOR PLAN

Design By: LAG

Check By: PAT

Date: 11/17/08

Scale: NTS

SHEET 4 OF 5



TYNDALL
ENGINEERING & DESIGN, P.A.

919 773-1230 • 919 773-0658
69 Shipwash Drive • Garner • North Carolina • 27529
www.tyndallengineering.com

January 14, 2009

Attn: Craven Millican
Fax: 910-897-2549

Craven Millican
75 Ironwood Drive
Fuquay-Varina, NC 27526

Re.: Framing Issues
Plan: DK2079
Project No.: 08GAR-R0691

To Whom It May Concern:

A representative of Tyndall Engineering & Design analyzed foundation items for the above referenced project. Specifically, the following items listed were analyzed:

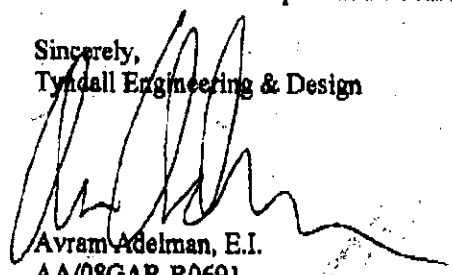
- 1) Post Embedment clarification.

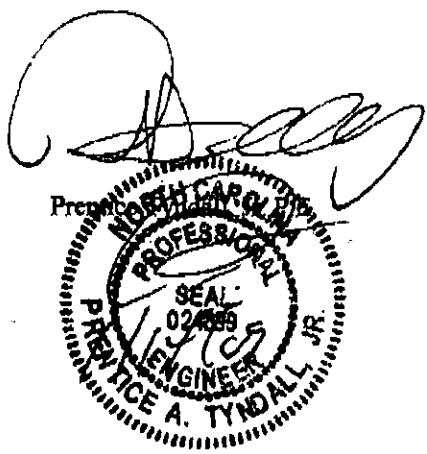
The following conclusions and recommendations were presented for the above-mentioned items:

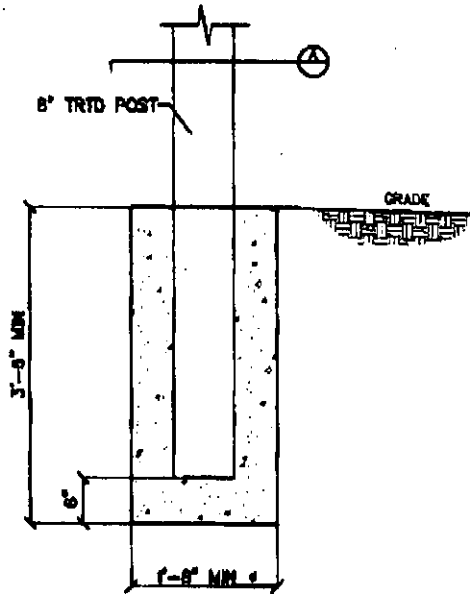
- 1) Based on our plan review and analysis, please refer to the attached sheet for framing details on post embedment clarification. These framing changes will adequately support the anticipated loading conditions.

We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information please do not hesitate to contact us.

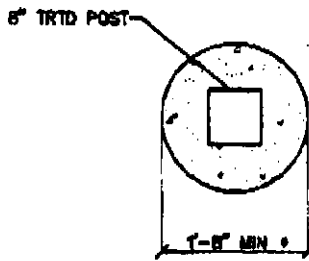
Sincerely,
Tyndall Engineering & Design


Avram Adelman, E.I.
AA/08GAR-R0691





1 UNBRACED POST
 NO SCALE TYPICAL UNBRACED POST DETAIL



A UNBRACED POST
 NO SCALE TYPICAL UNBRACED POST DETAIL



TYNDALL
 ENGINEERING & DESIGN, P.A.

919 775-1200 • 919 775-9658
 49 Shipwash Drive • Garner • North Carolina • 27839
 www.tyndallengineering.com

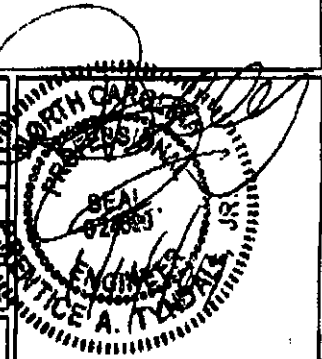
NO.	DATE	REVISIONS AND RECORD OF ISSUE
1		
2		
3		
4		

DESIGNER AA	CHECKER PAT	DATE 1.14.09	PROJECT 08GAR-R0691
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CLIENT: Craven Millican

PROJECT: DK2079
 DRAWING NUMBER: 2 of 2

REV: A



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 T/S: 12/01/2008 12:55 PM VBROWN ----

SUBDIV: REGAL CREST 13LOTS
 PHONE :
 PHONE : (919) 557-7138

STRUCTURE: 000 000 56X95 3BDR 2.5BATH SFD, DET GAR, CRAWL

FLOOD ZONE : FLOOD ZONE X

BEDROOMS : 3.00

PROPOSED USE : SFD

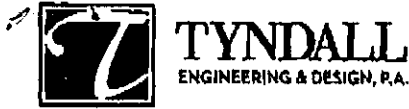
SEPTIC - EXISTING? : NEW

WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/14/09	BS	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001726066
	1/14/09	AP	
B103 01	1/30/09	BS	R*BLDG FOUND & TEMP SVC POLE VRU #: 001730201
	1/30/09	AP	VOICE MESSAGE LEFT Premise # 47974146
B105 01	2/04/09	BS	R*OPEN FLOOR VRU #: 001731433
	2/04/09	AP	
A814 01	3/13/09	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001743582
	3/18/09	AP	176 REGAL CREST DR LOT 10
R427 01	3/13/09	BS	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001743608
	3/13/09	CA	
R427 02	3/19/09	BS	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001745116
	3/19/09	DA	CUSTOMER REQUEST INSP AFTER 12:00 PM FOR GAS MAN. 1. Need engineers repair on LVLs carrying front dormer roof loads. LVLs are notched at support kneewall. CANNOT NOTCH LVLs!!! 2. Brace support kneewall in attic w/ 2x4 on 45 or OSB. 3. Double jacks missing at window in gable left side of roof. 4. Double jacks missing at 2-2x6 ceiling beam on left side of roof (marked on plans). 5. Repair floor joist overnotched for master toilet. 6. Nail blocking at OSB joints on all corners. OK to side/insulate NOTE THIS PERMIT WAS ISSUED ON 12/31/08
I129 01	4/07/09 <u>4-7-09</u>	TI <u>AFBS</u>	R*INSULATION INSPECTION TIME: 17:00 VRU #: 001752096
R427 03	4/07/09 <u>4</u>	TI <u>U</u>	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001752070

COMMENTS AND NOTES



1 919 773-1200 • 1 919 773-0658
69 Shipwash Drive • Garner • North Carolina • 27529
www.tyndallengineering.com

March 25, 2009

Victor Bryant
Cape Fear Construction
304 Bradley Rd.
Fuquay-Varina, NC 27526
Fax # 919-552-1160

Reference: Engineering Services
Lot 13, Regal Crest
Harnett County, NC
Project No.: 08GAR-R0694

To Whom It May Concern:

A representative of Tyndall Engineering & Design arrived onsite to observe the existing framing, specifically the following items listed below were observed:

- 1) Notched LVL rafters at mid span bearing point.
- 2) (2) 2x10 header with (1) 2x4 jack stud in-lieu of the plan specified (2) 2x8 with (2) 2x4 jack studs at second floor unfinished attic window.

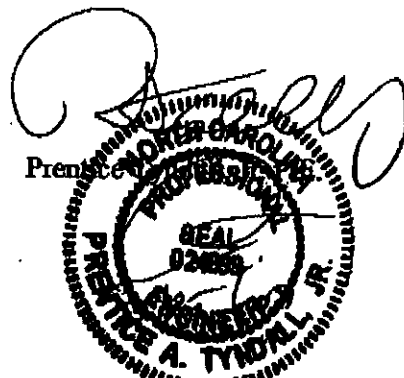
The following conclusions and recommendations were presented for the above-mentioned items:

- 1) Based on our observations and analysis, the existing notched LVL rafters are adequate as constructed to support the anticipated loading conditions.
- 2) Based on our observations and analysis, the existing (2) 2x10 header is adequate as constructed to support the anticipated loading conditions.

We appreciate the opportunity to assist you during this phase of the project. Should you need further assistance or require additional information please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design


Sean M. Holmes
SMH/08GAR-R0694



ADDRESS : 176 REGAL CREST DR SUBDIV: REGAL CREST 13LOTS
 CONTRACTOR : PHONE :
 OWNER : MILLICAN ROBERT C & KRISTI L PHONE : (919) 557-7138
 PARCEL : 05-0633- - -0013- -09-
 APPL NUMBER: 08-50021321 CP NEW RESIDENTIAL (SFD)

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PERMIT: CPSF 00 CP * SFD

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B103 01	1/30/09 1/30/09	BS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001730201 VOICE MESSAGE LEFT Premise # 47974146
B105 01	2/04/09 2/04/09	BS AP	R*OPEN FLOOR VRU #: 001731433
A814 01	3/13/09 3/18/09	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001743582 176 REGAL CREST DR LOT 10
R427 01	3/13/09 3/13/09	BS CA	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001743608
R427 02	3/19/09 3/19/09	BS DA	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001745116 CUSTOMER REQUEST INSP AFTER 12:00 PM FOR GAS MAN. 1. Need engineers repair on LVLs carrying front dormer roof loads. LVLs are notched at support kneewall. CANNOT NOTCH LVLs!!!. 2. Brace support kneewall in attic w/ 2x4 on 45 or OSB. 3. Double jacks missing at window in gable left side of roof. 4. Double jacks missing at 2-2x6 ceiling beam on left side of roof (marked on plans). 5. Repair floor joist overnotched for master toilet. 6. Nail blocking at OSB joints on all corners. OK to side/insulate NOTE__THIS PERMIT WAS ISSUED ON 12/31/08
I129 01	4/07/09 4/07/09	BS AP	R*INSULATION INSPECTION TIME: 17:00 VRU #: 001752096 engineering attached
R427 03	4/07/09 4/07/09	BS AP	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001752070 engineering attached
H824 01	7/16/09 7/16/09	JM AP	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001795830 T/S: 07/16/2009 10:54 AM SSTEWARD ----- T/S: 07/16/2009 10:54 AM SSTEWARD -----
R431 01	7/21/09 <u>7-21-09</u>	TI <u>DABS</u>	FOUR TRADE FINAL >2500 TIME: 17:00 VRU #: 001797943 T/S: 07/21/2009 09:38 AM JBROCK -----

COMMENTS AND NOTES

**COUNTY OF HARNETT
DEPARTMENT OF BUILDING INSPECTION
AND PLANNING/DEVELOPMENT
CERTIFICATE OF OCCUPANCY**

This certificate issued pursuant to the requirements of Section 105 of the North Carolina State Building Code and the Harnett County Zoning Ordinance certifies at the time of issuance this structure was in compliance with the various ordinances of the County of Harnett regulating development and building construction or use. For the following:

Use Classification: SFD

Conditional Use Permit No.: NA

Type of Construction: V

Building Permit No.: 08-50021321

Owner of Building: Robert & Kristi Millican

Electrical Permit No.: 08-50021321

Building Address: 176 Regal Crest Dr

Insulation Permit No.: 08-50021321

Zoning District: NA

Plumbing Permit No.: 08-50021321

Zoning Permit No.: NA

Mech. Permit No.: 08-50021321

Date: 07/22/09

Envir. C.O. No.: 08-50021321

Brad Sutton

NA

Building Official

Zoning Official

ADDRESS : 176 REGAL CREST DR SUBDIV: REGAL CREST 13LOTS
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 FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 3.00 PROPOSED USE : SFD
 SEPTIC - EXISTING? : NEW WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

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R427 03	4/07/09	BS	FOUR TRADE ROUGH IN >2500 TIME: 17:00 VRU #: 001752070
	4/07/09	AP	engineering attached
H824 01	7/16/09	JM	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001795830
	7/16/09	AP	T/S: 07/16/2009 10:54 AM SSTEWARD ----- T/S: 07/16/2009 10:54 AM SSTEWARD -----
R431 01	7/21/09	BS	FOUR TRADE FINAL >2500 TIME: 17:00 VRU #: 001797943
	7/21/09	DA	T/S: 07/21/2009 09:38 AM JBROCK ----- 1. Must have thumbclatch deadbolt on egress door. 2. Caulk all toilets at floor, and master tub at tile joint.
R431 02	7/22/09	TI	FOUR TRADE FINAL >2500 TIME: 17:00 VRU #: 001798339

PREPARED 7/22/09, 8:04:13
Harnett County

INSPECTION TICKET
INSPECTOR: IVR

PAGE 2
DATE 7/22/09

ADDRESS . . : 176 REGAL CREST DR
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PHONE : (919) 557-7138

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
	<u>7-22-09</u>	<u>ABR</u>	T/S: 07/21/2009 03:26 PM NTART
----- COMMENTS AND NOTES -----			