
ADDRESS . : 182 ADRIAN ST
CONTRACTOR : SCOTT LEE HOMES INC
OWNER . . : SCOTT LEE HOMES INC #22
PARCEL . . : 05-0635- - -0103- -38-
APPL NUMBER: 06-50016126 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : JOHNATHAN RIDGE #22
210 TOWARDS ANGIER LEFT ONTO HWY 55 TO
42 THRU FUQUAY LEFT ONTO TRUELOVE S/D
ON RIGHT 11/07/2006 01:48 PM JDAVIS

STRUCTURE: 000 000 53X60 3BR (TURNED ONE BR INTO BONUS RM)
FLOOD ZONE : FLOOD ZONE X

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	3/28/07 <u>3-28-07</u>	TI <u>ARR</u>	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001379536

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

DAVID MILLER, PE
1000 BEARCAT WAY ; SUITE 108
MORRISVILLE, NC 27560
(919) 422-8932 (M)
(919) 460-9669 (F)

March 26, 2007

Scott Lee Homes
106 South Lombard Street
Clayton, NC 27520
(919)553-8574(fax) and (919)989-9205

(Attn.: To Whom It May Concern/Inspections Dept.)

Re.: Foundation Excavation Observation
Lot 22 Jonathan Ridge Subdivision ; (Permit #:06-50016126)
Harnett County, NC
Project No.:07DLM-0326A

To Whom It May Concern /Inspections Dept.:

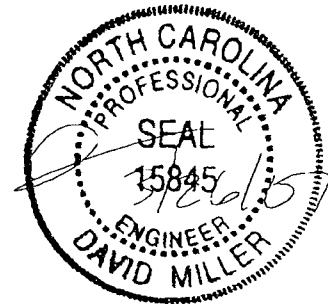
A representative of the undersigned's arrived on site (3/26/07) to observe and probe the bearing conditions for the above referenced site. Specifically the soils were visually observed and probed with a steel #5 bar equipped with a "T"-handle and performing Dynamic Cone Penetrometer testing (DCP). Yielding/wet soils were observed within the top 1 to 2 feet below the planned elevation in the rear wall area and deck piers at the rear. The excavation should be overexcavated approximately 1 to 2 feet in these areas and backfilled with clean washed stone. A tail ditch and sump pit may be needed at the left rear corner to allow water to drain from excavation, or pumped out to prevent groundwater from interfering with concrete placement .

Based on the planned loading conditions and upon completion the remedial repairs outlined above the bearing conditions are adequate to support the planned residential loads.

Sincerely,

David Miller, PE

DEM/07DLM-0326A



David Miller PE
PROJECT TIME RECORD
 D. Miller & Associates, P.A.
 8504 Six Forks Road, Suite 101
 Raleigh, NC 27615
 Phone: (919) 846.9202 Fax: (919) 846.0246

Site Location (Project): <u>Lot 22 Jonathan Ridge</u>	Job No.: <u>0702M 0326A</u>
Purpose of Site Visit: <u>Foundation excavation OBS</u>	Date: <u>3-26-07</u>
Client Company: <u>Smith Lee Thomas</u>	Fax No.:
Contact Name.:	Contact No.:
City/Town: <u>Harris County</u>	Permit No.: <u>06-50016126</u>
Weather and Temperature:	

Start Time:	Stop Time:	Travel Time:	Total:
Start Time:	Stop Time:	Travel Time:	Total:

At subgrade level: Native / Fill (circle one)

Depth of overlying fill: N/A

Soil Description: tan silty sands

Remarks: A Representative of

David Miller PE was onsite to
observe and test the bearing
conditions for the above
proposed project. The excavation
encountered yielding soils along the
area of the rear wall, and Perch water was observed.

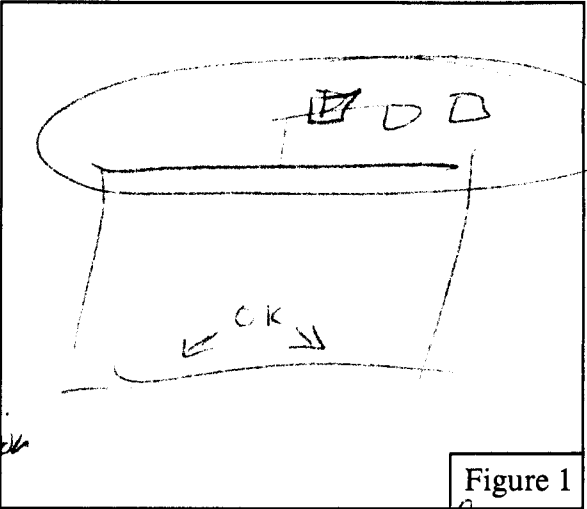


Figure 1

A tailditch and sump pit may be excavated to allow removal of
water if needed (if water interferes with concrete placement.
Recommend overexcavation in the areas with wet yielding soil
approx 1-2 Ft (as needed in stump holes to reach firm soil) and backfill
the overexcavated areas with clean washed Stone
Will Return after work is completed to verify repair

The above report is a preliminary submittal. All data is subject to technical review and confirmation.

Authorization

Field Technician

ADDRESS . : 182 ADRIAN ST SUBDIV: JONATHAN RIDGE
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PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	3/28/07	BS	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001379536
	3/28/07	AP	engineering attached
B103 01	4/17/07	TI	R*BLDG FOUND & TEMP SVC POLE VRU #: 001390723
	<u>4-17-07</u>	<u>APBS</u>	

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B103 01	4/17/07 4/17/07	BS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001390723
A814 01	4/23/07	TI	ADDRESS CONFIRMATION VRU #: 001394998
B105 01	4/23/07 <u>4-23-07</u>	TI <u>AEBS</u>	R*OPEN FLOOR VRU #: 001394980

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B103 01	4/17/07	BS	R*BLDG FOUND & TEMP SVC POLE VRU #: 001390723
	4/17/07	AP	
B105 01	4/23/07	BS	R*OPEN FLOOR VRU #: 001394980
	4/23/07	AE	1. Flash ends of drop girders within 1/2 inch of exterior masonry. 2. Left of front porch mudsill is missing 2 bolts. Check at rough in ENGINEERED PLAN SHOWS CANTILEVERED GIRDER AT FRONT CORNER NEAR GARAGE.
A814 01	4/23/07	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001394998
	4/23/07	AP	182 Adrian St
R425 01	5/24/07	TI	FOUR TRADE ROUGH IN VRU #: 001415314

5-24-07 DABS

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	4/23/07	AP	182 Adrian St
R425 01	5/24/07	BS	FOUR TRADE ROUGH IN VRU #: 001415314
	5/24/07	DA	vent bath fan upstairs. 2. Need a hanger at double 2x10 to LVL over dining room per plan. 3. Brace kneewalls above 9.25 LVL in attic carrying rafter break. 4. Need engineering on 4- 2x10 carrying roof loads at front gable. Not on plan. Also no jack studs. Have engineer keep in mind one side of this point load is carried to the 9.25 LVL above dining room. 5. Tie back rafters on 2nd floor above front entry. OK TO SIDE do not insulate
R425 02	6/01/07 <u>6-1-07</u>	TI <u>APBS</u>	FOUR TRADE ROUGH IN VRU #: 001420074

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

ENGINEERING

INC.

Quality Structural Engineering

November 11, 2002

Mr. Scott Lee
Scott Lee Homes
P. O. Box 748
Clayton, NC 27520

Subject: House Plan - Chapman
Roof Framing Revision
LDC Engineering Job No. 02-0210B

Dear Mr. Lee:

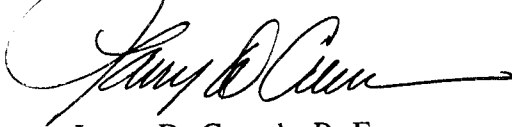
The roof may be framed according to the attached plan.

Also, the piers are to be dropped as noted on the foundation plan 9 1/4" instead of the 7 1/4" specified.

The foundation wall at the deck should be 8" thick instead of the pier and curtain wall specified.

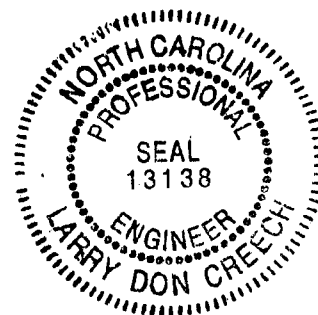
Call if you need further assistance.

Sincerely,



Larry D. Creech, P. E.

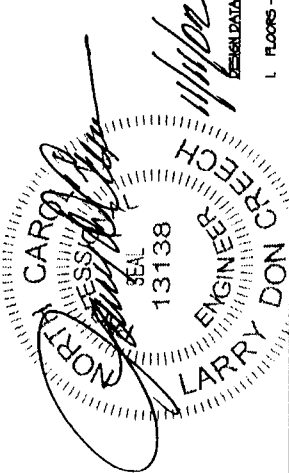
Attachments



1110 Navaho Drive • Suite 605 • Raleigh, North Carolina • 27609-7322

Phone (919) 954-0532 • Fax (919) 954-0576

THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE INTENT OF THE DESIGN AND CONSTRUCTION OF THIS WORK. CONTRACTOR SHOULD VERIFY ALL CONDITIONS AND DIMENSIONS BEFORE TO CONSTRUCTION. ONCE A PERMIT HAS BEEN ISSUED, CONSULTORS SHALL BE RESPONSIBLE FOR ANY CHANGES MADE DURING CONSTRUCTION.

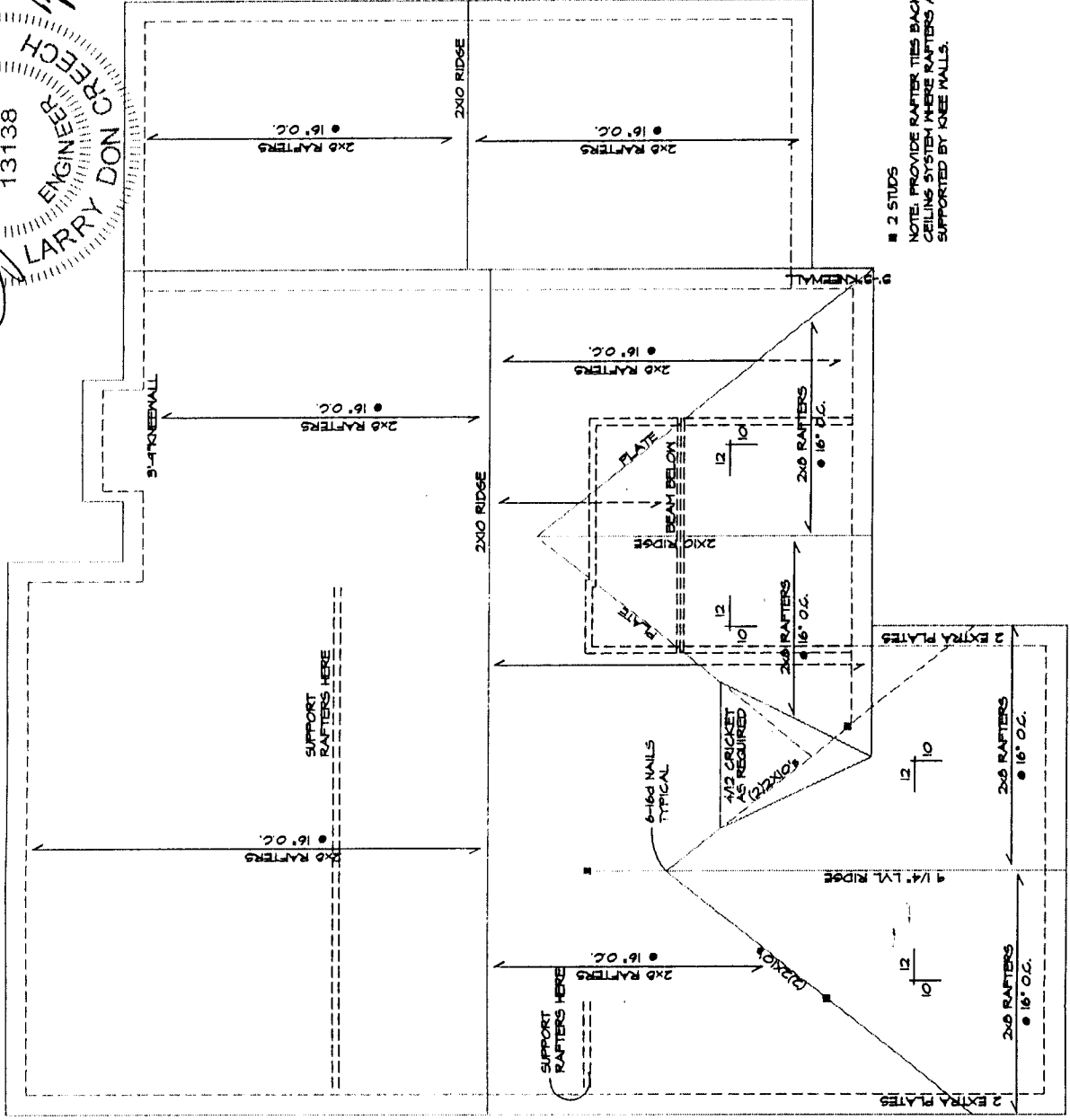


DESIGN DATA

1. FLOORS - LIVE LOAD - 40 PSF (PRIMARY)
30 PSF (SECONDARY)
DEAD LOAD - 10 PSF
2. ATTIC - LIVE LOAD - 20 PSF (STORAGE)
DEAD LOAD - 10 PSF
3. ROOF - LIVE LOAD - 20 PSF
DEAD LOAD - 1 PSF
4. SOIL BEARING CAPACITY - 2000 PSF (ASSIGNED)

GENERAL SPECIFICATIONS

1. COPIES OF THE ORIGINAL ENGINEERING FOR THIS PLAN ARE KEPT IN THE OFFICES OF LDC ENGINEERING. LDC ENGINEERING DOES NOT ACCEPT RESPONSIBILITY FOR CHANGES NOT APPROVED BY THEM.
2. ALL CONSTRUCTION SHALL BE ACCORDING TO THE NORTH CAROLINA STATE BUILDING CODE, VOLUME VII.
3. FLOOR AND CEILING JOISTS, ROOF RAFTERS, AND TRUSS BEAMS ARE DESIGNED USING NO. 2 SPRUCE PINE FIR, UNLESS OTHERWISE NOTED.
4. STEEL BEAMS AND FLITCH PLATES TO BE ASTM A96 GRADE, AND SHALL BEAR FULL NORTH ON TO WALL PLATE OR AS NOTED.
5. PROVIDE MINIMUM TWO STUD COLUMNS, OR AS NOTED, UNDER ALL BEAM ENDS. SECURE STUDS TOGETHER WITH 1/4" DIA. WALLS ON 12" HIGH CENTERS. SECURE BEAM BOTTOM FLANGES TO SUPPORT WALLS WITH TWO 3/8" X 3" LAG SCREWS.
6. SECURE WALLS PLATES TO TOP FLANGE OR WEB OF BEAMS WITH 1/4" DIA. WALLS THROUGH BEAMS SPACED 48" ON CENTER, STAGGERED EDGE TO EDGE WITH A 2" CLEARANCE.
7. SECURE TRUSS BEAMS, GIRDERS, AND DOUBLED OR TRIPLED JOISTS TOGETHER WITH TWO ROWS OF 1/4" DIA. WALLS SPACED 12" INCHES ON CENTER THRU ALL MEMBERS.
8. LVL - LAMINATED VENEER LUMBER (6.5" MICRO-LAM BY TRUES JOIST CORP.)
9. SIP - NO. 2 SOUTHERN YELLOW PINE
10. PT. = PRESSURE TREATED
11. ADD EXTRA JOIST UNDER ALL NON-LOAD BEARING PARTITIONS IN EXCESS OF 8'-0" IN LENGTH
12. DOUBLE STUDS ARE NOT REQUIRED UNDER EXTRA JOIST, ONLY UNDER LOAD BEARING BEAMS & GIRDERS AS NOTED IN NO. 4 ABOVE.
13. UNITS SHALL BE PER THE 1925B6, VOL. VII.



■ 2 STUDS
NOTE: PROVIDE RAFTER TIES BACK TO CEILING SYSTEM WHERE RAFTERS ARE SUPPORTED BY KNEE WALLS.

ROOF FRAMING PLAN

NOTE - ALL ROOF PITCHES TO BE 6/12 UNLESS NOTED OTHERWISE
NOTE - ALL ROOF OVERHANGS TO BE 12" UNLESS NOTED OTHERWISE

LDC ENGINEERING
Quality Structural Engineering
1110 MARNO DRIVE, SUITE 605 - RALEIGH, NC - 27609-7322
PHONE (919)584-0332 - FAX (919)584-0576

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R425 02	6/01/07	BS	FOUR TRADE ROUGH IN VRU #: 001420074
	6/01/07	AE	Rafters over front not tied back per previous violation. Correct. Will recheck at insulation
I129 01	6/05/07	TI	R*INSULATION INSPECTION VRU #: 001423060
	<u>6/5/07</u>	<u>APBS</u>	

COMMENTS AND NOTES

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FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 3.00 PROPOSED USE : SFD
 SEPTIC - EXISTING? : NEW

PERMIT: CPSF 00 CP * SFD

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I129 01	6/05/07	BS	R*INSULATION INSPECTION VRU #: 001423060
	6/05/07	AP	rafter tie corrected
R429 01	6/07/07	TI	FOUR TRADE FINAL VRU #: 001424548
	6/06/07	CA	CANCELLED ON 06/06/07 FOR FINAL. NO OPERATIONS PERMIT. NJT
H824 01	8/24/07	BM	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001474485
	8/24/07	AP	
R429 02	8/27/07	TI	FOUR TRADE FINAL VRU #: 001474667
	<u>8:27/07</u>	<u>APBS</u>	

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: SPD
Type of Construction: II
Owner of Building: Scott Lee Homes Inc
Building Address: 182 Admiral St
Zoning District: HA
Zoning Permit No.: _____
Date: 8/27/07
Brad Suter

Conditional Use Permit No.: _____
Building Permit No.: _____
Electrical Permit No.: _____
Insulation Permit No.: _____
Plumbing Permit No.: _____
Mech. Permit No.: do
Envir. C.O. No.: _____

Building Official

Zoning Official