Paid $350.00 PU
Statesville
RECEIVED OCT 21 2013



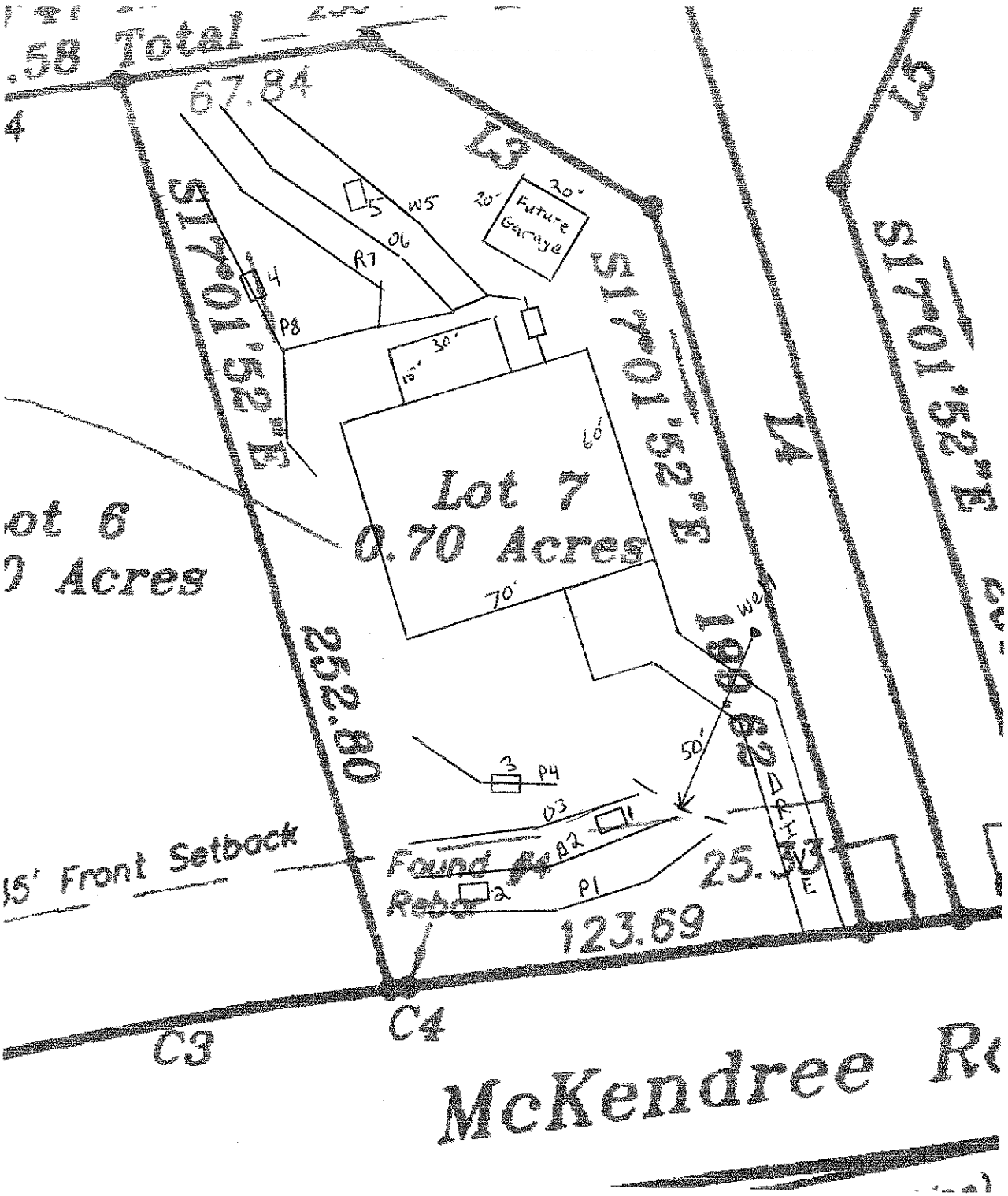
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for 488 McKendree Rd., Blackberry Creek SD Lot 7
House Footprint: 70' x 60'
Building Setbacks: 35' front/ rear, 15' side
Water Source: Private well
Number of Bedrooms: 3/360 GPD
Proposed LTAR: 0.275 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 30"

Line	Design Length	Actual Length
Pink 1		80'
Blue 2		70'
Orange 3		60'
Pink 4		40'
White 5	**80'**	**81'**
Orange 6	**84**	**84'**
Red 7	**80'**	**80'**
Pink 8	**84'**	**89'**

Initial System: 328' **Repair System:** 250'

Comments:


.58 Total
67.84
L3
L4
S17°01'52"E
S17°01'52"E
S17°01'52"E
Lot 7
0.70 Acres
ot 6
Acres
70'
60'
252.80
252.80
60' wide
50'
Future Garage
20'
20'
15' 30'
W5
06
R7
P8
P4
03
A2
P1
Found
Rebar
25.00
DRIVE
15' Front Setback
123.69
C3
C4
McKendree R
Scale
1"=40'
N

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ *of* ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _3 bedroom_____ PROPOSED DESIGN FLOW (.1949): _360 GPD__ PROPERTY SIZE: _____
LOCATION OF SITE: _Blackberry Creek Lot 7_____ PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 10%	0-12	R SCL WSBK	FR SS SP	Few Mn	53"			PS 0.275
		12-23	Br L/CL WSBK	FR SS SP					
		23-48	BrR C WSBK	FR SS SP					
		48-53	R C SBK	FR SS SP					
2	LS 10%	0-12	RBr CL comp	FI SS SP	Few Mn	49"			PS 0.275
		12-49	R C WSBK	FR SS SP					
3	LS 15%	0-10	Br SCL comp	FR SS SP		59"			PS 0.3
		10-59	Br CL WSBK	FR SS SP					
4	LS 12%	0-41	R C ABK/SBK	FR SS SP		50"			PS 0.275-0.3
		41-50	R CL WSBK	FR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	984 FT2	438 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: ____________
DATE OF EVALUATION: ____________
COUNTY: ____________

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 7%	0-18	R C ABK/SBK	FR SS SP		47"	F-C SAP		PS 0.275-0.3
		18-47	R CL WSBK	FR SS SP					
		47-54	L SAP M	FR SS SP					

COMMENTS: ____________

Iredell County
Planning & Enforcement
349 N. Center St. PO Box 788
Statesville, NC 28687
704-878-3113

Zoning Permit

Printed: 9/25/2013

Permit Number: 181228ZO

Master #: 181228

Associated Permits:
181228ZO Zoning

Applicant

Name: DB Custom Homes LLC
Phone: 704-201-6532
Address: 764 Morrison Farm Rd
Troutsman, NC 28166

Parcel

Parcel Number: 4626299286.000
Zoning: R20
Address: 488 MCKENDREE RD
MOORESVILLE, NC 28117
Township: 1700
Area: .7
Subdivision: Blackberry Creek
Lot(s): 7
Directions to Parcel: I77 TO EXIT 36, RIGHT RIVER HWY, LEFT WILLIAMSON, RIGHT BRAWLEY SCHOO, RIGHT MCKENDREE, PROPERTY ON RIGHT

Owners

Name: IRVIN L & MARY EASTER
Address: 227 HIDEAWAY LANE
MOORESVILLE, NC 281178402

Contractors

Contractor Type: Building - L
Name: DB Custom Homes LLC
Phone: 704-201-6532
Address: 764 Morrison Farm Rd
Troutsman, NC 28166

Fees and Receipts:

Number	Description	Amount
FEE-297942-07	Zoning - Permit Application	$75.00
FEE-297943-07	Environmental Health - Gravity - Fast Track	$350.00
FEE-297944-07	Technology Fee - Planning	$2.25

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet

Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: PB Custom Homes **Address:** 764 Morrison Farm Rd Troutman NC 28166 **Phone:** 7047201652

Owner Name: _____ **Address:** _____ **Phone:** _____

Property Information:

Street Address: 488 McKendree

Subdivision Name: Blackberry Crk **Section/Phase:** _____ **Lot Number:** 7

Driving Directions: BSR, TR McKendree on Rt

Site Development Information: *(check or complete ALL that apply)*

(X) New Single Family Residence	Maximum Number of Bedrooms: 3	(X) Crawl Space Foundation
( ) New Multi-Family Residence	Maximum Number of Occupants: _____	( ) Concrete Slab Foundation
( ) Accessory Building	( ) Swimming Pool	( ) Basement with Plumbing
( ) Bedroom(s) Addition	( ) Other Addition/Structure: _____	( ) Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____

Square Footage of Building: _____

Maximum Number of Employee: _____

Maximum Number of Seats/Beds/Other: _____

Water Supply:

(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* **Year existing system installed:** _____

(X) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?

( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?

( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ 10/1/2015

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

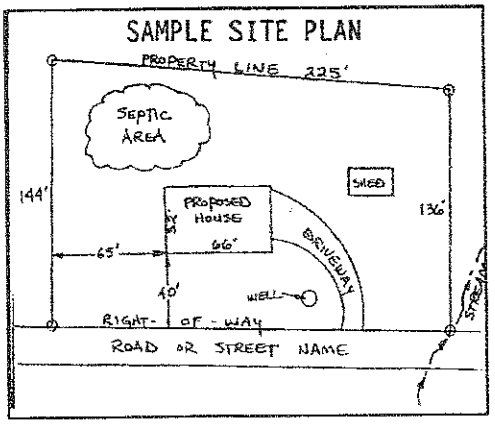
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location and well location**
- ( ) **Area you prefer your septic system to be placed**
- ( ) **North arrow, or other sufficient indicator of direction**



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

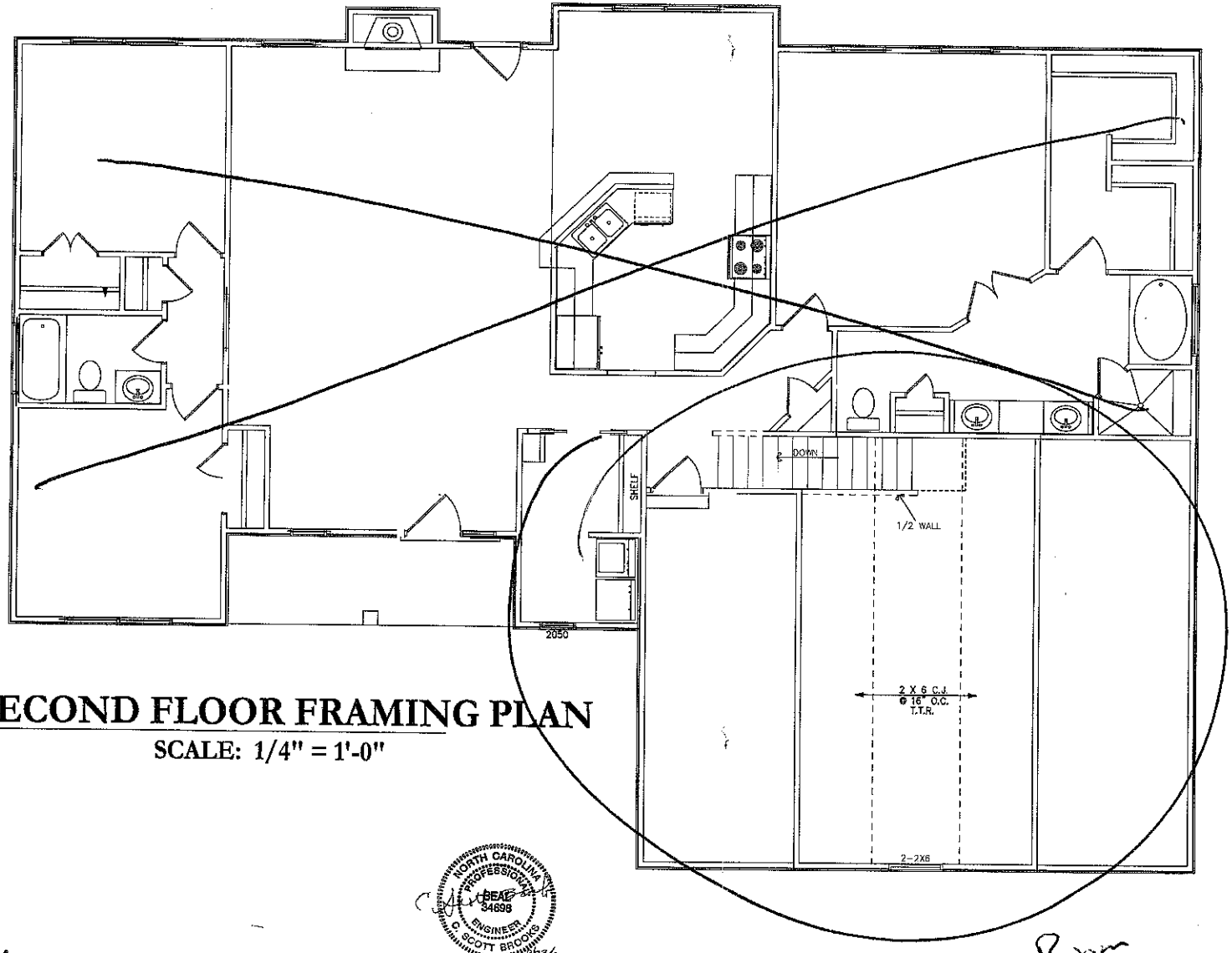
See Attached Plan

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

10/11/2013

DATE



SECOND FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

NORTH CAROLINA PROFESSIONAL SEAL 34698 ENGINEER C. SCOTT BROOKS 8/23/13

SOUTHERN DYNAMIC ENGINEERING & DESIGN, PLLC
P.O BOX 97
PINEVILLE, NC 28134
SEAL FOR STRUCTURAL ONLY

Upstairs Bonus Room
Finished NO Bath

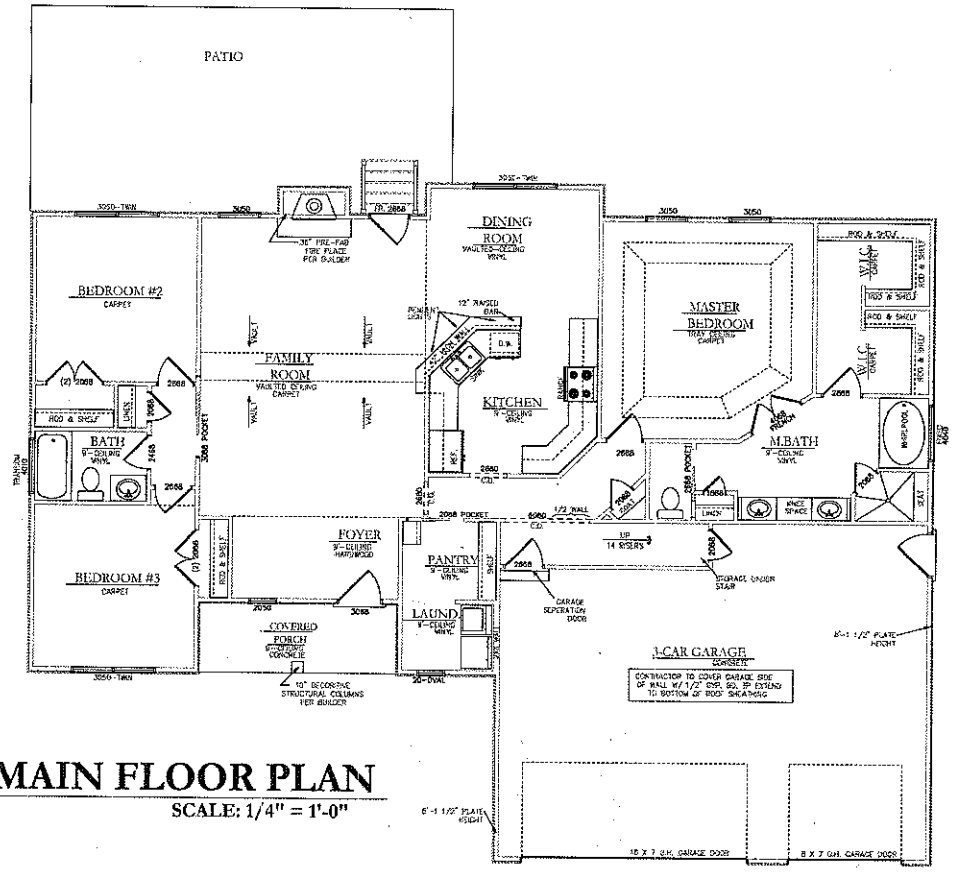
Acknowledgement Of Plans Submittal ONLY!

Date 10/8/13

Date 10-8-13

Troutman Farms of the Carolina's,LLC
"LOT 76-NEW MODEL"

Second Floor Plan	
Date 8-17-11	
Scale 1/4" = 1'-0"	Sheet F-2
Drawn By: CSB	



MAIN FLOOR PLAN
SCALE: 1/4" = 1'-0"

INT. DIMS

Acknowledgement Of
Plans Submittal ONLY!
Date 10/9/13
Date 10-8-13

SEAL FOR STRUCTURAL ONLY

The Bailey
Lot 66 in Autum Grove
BY
DB CUSTOM HOMES, LLC

Southern dynamic
Engineering and Design, PLLC
P.O. BOX 87, Waxhaw, NC 28173
Ph: (704) 900-1878 Fax: (704) 729-9218
Email: Scott@SouthernDynamic.com
Website: SouthernDynamic.com

DRAWN BY: JONATHAN RODGERS
DATE: AUGUST 12, 2013
REVISIONS:
SHEET