CS - well
BM - septic

2920

FILE NUMBER: 7442B

Revised On: August 31, 2007

APPLICATION NUMBER: [redacted]

SEPTIC FEE: 200.00
DATE: 10/26/07

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES
APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

WELL FEE: 400.00
DATE: 10/26/07

1. **SEPTIC / TYPE APPLICATION:** ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:**
TAX PARCEL NUMBER: 217.311.16 PO
STREET ADDRESS: Variety LN
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME:
LOT #: 75A LOT SIZE (acres): .691
TOWNSHIP:
☑ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. **BUILDING INFORMATION:**
BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☑ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE: 3000
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 4
FOUNDATION TYPE:
☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☐ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ☐ MUNICIPAL ☐ PUBLIC WELL ☑ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

7. ***PROPOSED USE OF WELL:*** ☐ N/A ☐ IRRIGATION ☑ POTABLE ☐ GEOTHERMAL ☐ OTHER

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*

	☑ ANY TYPE	☐ CONVENTIONAL	☑ ACCEPTED	☐ INNOVATIVE	☐ ALTERNATIVE	☑ OTHER _____
8A. **RANK:**	2	1	3	4	5	

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☐ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES	☐ NO	JURISDICTIONAL WETLANDS	☐ YES	☐ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES	☐ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☐ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☐ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☐ NO

10. **PROPERTY OWNER:**
NAME: Thomas H Zeh Jr.
ADDRESS: 19115 Variety Lane
CITY: Charlotte
STATE: NC ZIP: 28278
HOME PHONE: WORK PHONE:
MOBILE PHONE: 631-495-2227 FAX: 631-980-3550

11. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

12. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 9/20/07
13 **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 1-31-07

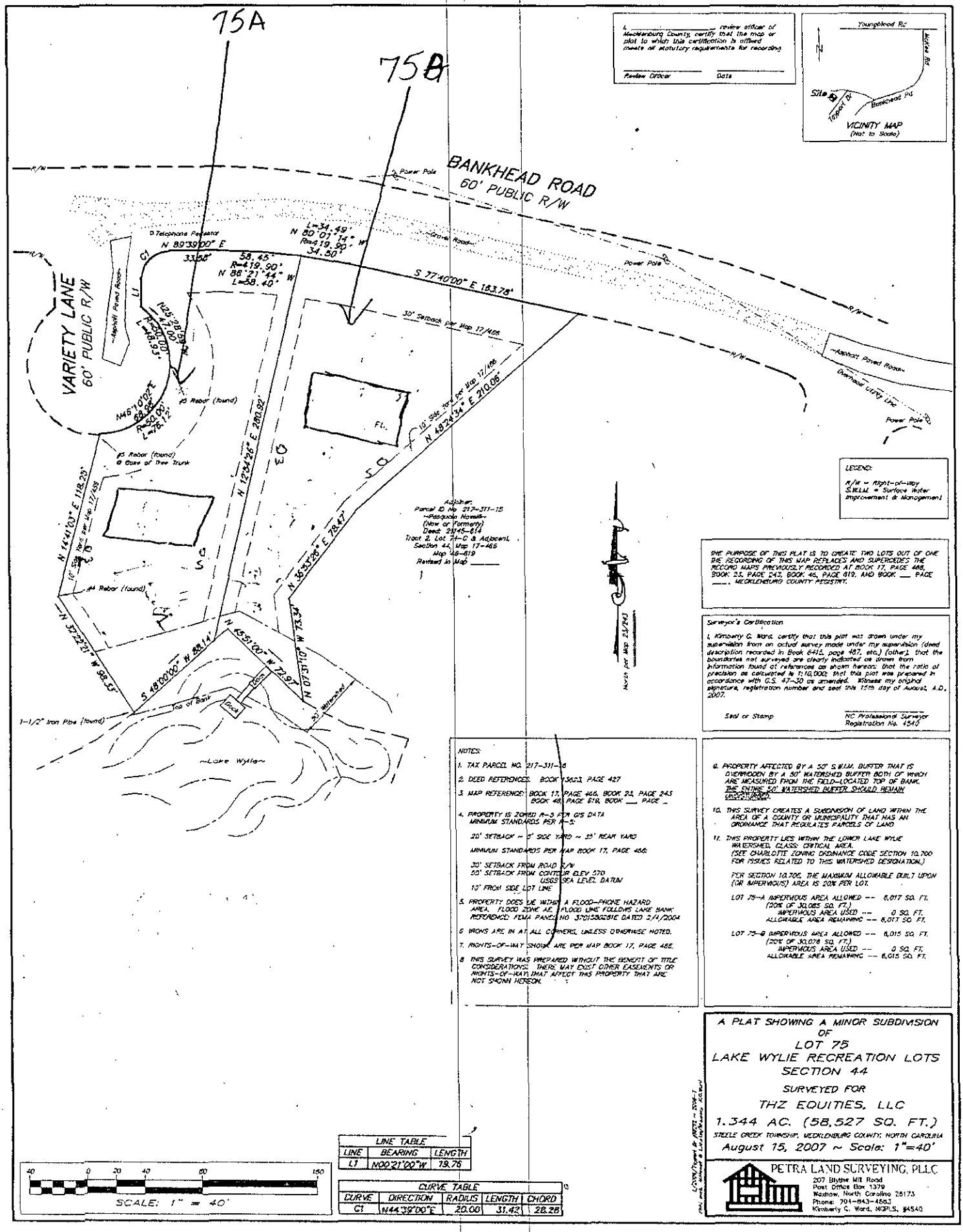
14. **SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:**
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein 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. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Thomas H Zeh JR 10/26/07
Property Owner's or Owner's Legal Representative Signature Date

15. **WELL PERMIT APPLICATION SIGNATURE SECTION:**
If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. 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. The permit is valid for a period of 12 months from the date of issuance.

Thomas H Zeh JR 10/26/07
Property Owner's or Owner's Legal Representative Signature Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED


75A
75B
BANKHEAD ROAD
60' PUBLIC R/W
VARIETY LANE
60' PUBLIC R/W
Power Pole
Telephone Pedestal
N 89°39'00" E
33.58'
L=34.49'
N 80°01'14" W
Rad=419.90'
34.50'
58.45'
R=419.90'
N 86°21'44" W
L=58.40'
S 77°40'00" E 183.78'
30' Setback per Map 17/466
Asphalt Paved Road
Overhead Utility Line
Power Pole
#5 Rebar (found)
#4 Rebar (found)
@ Base of Tree Trunk
N 12°34'26" E 280.92'
N 48°24'34" E 210.06'
10' Side Yard per Map 17/466
N 14°41'03" E 118.23'
10' Side Yard per Map 17/466
N 35°35'26" E 78.47'
N 55°22'21" W 98.53'
S 48°00'00" W 88.14'
N 45°51'00" W 72.97'
N 01°51'50" W 73.34'
30' Watershed
Top of Bank
Dock
1-1/2" Iron Pipe (found)
~Lake Wylie~
Adjoiner:
Parcel ID No. 217-311-15
~Pasquale Nowells~
(Now or Formerly)
Deed: 23145-614
Tract 2, Lot A-C & Adjacent
Section 44, Map 17-466
Map 48-819
Revised in Map _____
North per Map 23/140
I, _____, review officer of Mecklenburg County, certify that the map or plot to which this certification is affixed meets all statutory requirements for recording.
Review Officer
Date
Youngblood Rd
Bankhead Rd
Tolbert Dr
Site
VICINITY MAP
(Not to Scale)
LEGEND:
R/W = Right-of-Way
S.W.I.M. = Surface Water Improvement & Management
THE PURPOSE OF THIS PLAT IS TO CREATE TWO LOTS OUT OF ONE. THE RECORDING OF THIS MAP REPLACES AND SUPERCEDES THE RECORD MAPS PREVIOUSLY RECORDED AT BOOK 17, PAGE 466, BOOK 23, PAGE 243, BOOK 46, PAGE 819, AND BOOK ___ PAGE ___, MECKLENBURG COUNTY REGISTRY.
Surveyor's Certification
I, Kimberly C. Ward, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 6416, page 187, etc.) (other); that the boundaries not surveyed are clearly indicated as drawn from information found at references as shown hereon; that the ratio of precision as calculated is 1:10,000; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, registration number and seal this 15th day of August, A.D., 2007.
Seal or Stamp
NC Professional Surveyor
Registration No. 4543
NOTES:
1. TAX PARCEL NO. 217-311-16
2. DEED REFERENCES: BOOK 13603, PAGE 427
3. MAP REFERENCE: BOOK 17, PAGE 466, BOOK 23, PAGE 243, BOOK 48, PAGE 819, BOOK ___ PAGE ___
4. PROPERTY IS ZONED R-5 FOR O/S DATA
MINIMUM STANDARDS PER R-5:
20' SETBACK ~ 5' SIDE YARD ~ 35' REAR YARD
MINIMUM STANDARDS PER MAP BOOK 17, PAGE 466:
30' SETBACK FROM ROAD R/W
50' SETBACK FROM CONTOUR ELEV 570
USGS SEA LEVEL DATUM
10' FRONT SIDE LOT LINE
5. PROPERTY DOES LIE WITHIN A FLOOD-PRONE HAZARD AREA. FLOOD ZONE AE. FLOOD LINE FOLLOWS LAKE BANK. REFERENCE: FEMA PANEL NO 3710520031E DATED 2/4/2004
6. IRONS ARE IN AT ALL CORNERS, UNLESS OTHERWISE NOTED.
7. RIGHTS-OF-WAY SHOWN ARE PER MAP BOOK 17, PAGE 466.
8. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF TITLE CONSIDERATIONS. THERE MAY EXIST OTHER EASEMENTS OR RIGHTS-OF-WAY THAT AFFECT THIS PROPERTY THAT ARE NOT SHOWN HEREON.
9. PROPERTY AFFECTED BY A 50' S.W.I.M. BUFFER THAT IS OVERRIDDEN BY A 30' WATERSHED BUFFER BOTH OF WHICH ARE MEASURED FROM THE FIELD-LOCATED TOP OF BANK. THE ENTIRE 50' WATERSHED BUFFER SHOULD REMAIN UNDISTURBED.
10. THIS SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.
11. THIS PROPERTY LIES WITHIN THE LOWER LAKE WYLIE WATERSHED, CLASS: CRITICAL AREA. (SEE CHARLOTTE ZONING ORDINANCE CODE SECTION 10.700 FOR ISSUES RELATED TO THIS WATERSHED DESIGNATION.)
PER SECTION 10.706, THE MAXIMUM ALLOWABLE BUILT UPON (OR IMPERVIOUS) AREA IS 20% PER LOT.
LOT 75-A IMPERVIOUS AREA ALLOWED -- 6,017 SQ. FT. (20% OF 30,085 SQ. FT.)
IMPERVIOUS AREA USED -- 0 SQ. FT.
ALLOWABLE AREA REMAINING -- 6,017 SQ. FT.
LOT 75-B IMPERVIOUS AREA ALLOWED -- 6,015 SQ. FT. (20% OF 30,076 SQ. FT.)
IMPERVIOUS AREA USED -- 0 SQ. FT.
ALLOWABLE AREA REMAINING -- 6,015 SQ. FT.
LINE TABLE
LINE	BEARING	LENGTH
L1	N00°21'00"W	79.76
CURVE TABLE
CURVE	DIRECTION	RADIUS	LENGTH	CHORD
C1	N44°39'00"E	20.00	31.42	28.28
40 0 20 40 80 160
SCALE: 1" = 40'
A PLAT SHOWING A MINOR SUBDIVISION OF
LOT 75
LAKE WYLIE RECREATION LOTS
SECTION 44
SURVEYED FOR
THZ EQUITIES, LLC
1.344 AC. (58,527 SQ. FT.)
STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA
August 15, 2007 ~ Scale: 1"=40'
PETRA LAND SURVEYING, PLLC
207 Blythe Mill Road
Post Office Box 1379
Waxhaw, North Carolina 28173
Phone: 704-843-4583
Kimberly C. Ward, NCPLS, #4543

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 217-311-16PO
Lot #: 75A
File #: 7442B
AppID: 2920

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Thomas H. Zehner, Jr. | Applicant:
Address: 18115 Variety Lane, Charlotte, NC 28278 | Date Evaluated: 11/5/2007
Proposed Facility: Residence | Design Flow (.1949): 600 gpd | Property Size: .691a
Location of Site: 18115 Variety Lane | Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 1941 Structure/ Texture	1941 Consistence Mineralogy	PROFILE FACTORS b 1942 Soil Wetness/ Color	1943 Soil Depth (IN)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS,15	0-5	GR/SCL	FR/SS/SP/SEXP	>48" TO SOIL WETNESS	48	N/A	NONE	PS,IV
		5-30	SBK/C	FI/S/P/SEXP					.3 GPD/FT^2
		30-48	SBK/SCL	FR/S/P/SEXP					
2	"	0-9	GR/SCL	FR/SS/SP/SEXP	"	"	"	"	"
		9-31	SBK/C	FI/S/P/SEXP					
		31-48	SBK/SCL	FR/S/P/SEXP					
3	"	0-6	GR/SCL	FR/SS/SP/SEXP	"	"	"	"	"
		6-34	SBK/C	FI/S/P/SEXP					
		34-48	SBK/SCL	FR/S/P/SEXP					
4	"	0-6	GR/SCL	FR/SS/SP/SEXP	>45" TO SOIL WETNESS	45	"	"	"
		6-37	SBK/C	FI/S/P/SEXP					
		37-45	SBK/SCL	FI/S/P/SEXP					
		45+	M/SAP						
					SITE LTAR				.3 GPD/FT^2

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
Soil Evaluation By: C.Sherrill, RS,LSS
Others Present: T.Zehner
Site Classification (.1948):
Site Evaluation By:
Others Present:

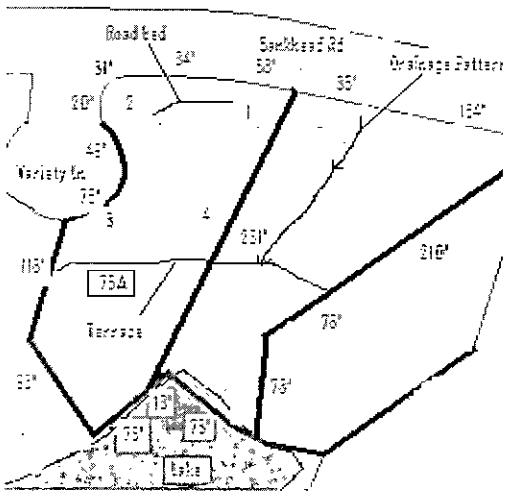


COMMENTS: 100% Repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



December 4, 2008

File: 7442B
Application: 2920
Location: 18115 Variety Lane

Applicant has not returned my calls. Does not want to act on application.

Chris Sherrill, RS, LSS
Mecklenburg County GWS

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 10/26/07
Receipt #: 53394
Check / Auth #: CHECK 1058
Received By: GLADNAG

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: KRAMER ARTHUR
Attn:
Address: 1831 CAMEL RIDGE RD
Address:
City/State/Zip: CHARLOTTE, NC 28226

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 18115 VARIETY LN		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 10/26/07
Receipt #: 53396
Check / Auth #: CHECK 1058
Received By: GLADNAG

Amount: 400.00
Tendered: 400.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: KRAMER ARTHUR
Attn:
Address: 1831 CAMEL RIDGE RD
Address:
City/State/Zip: CHARLOTTE, NC 28226

Item	Description	Permit#	Quantity	Unit Price	Total Price
0753	Private Well, New 18115 VARIETY LN		1	400.00	400.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance