Reference File # 13373 for Archived records.

FILE NUMBER: 7815B C Sherrill APPLICATION NUMBER: 3642

Revised On: August 31, 2007

SEPTIC FEE: 300.00 DATE: 6-23-08 Visa appr 302427

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: _____ DATE: _____

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: 21731114
STREET ADDRESS: 18212 Taypoint Dr.
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME: N/A
LOT #: LOT SIZE (acres): 1.4 acres
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: 4200
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2
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:		1				

?

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: Barclay's Capital Real Estate
ADDRESS: 701 Corp. Center Dr.
CITY: Raleigh
STATE: NC ZIP: 27607
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Kenneth Hunt
ADDRESS: 186 Lake Commons Dr.
CITY: Rock Hill
STATE: SC ZIP: 29732
HOME PHONE: 803-324-8908 WORK PHONE: 704-587-2726
MOBILE PHONE: FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? June 21, 1990

13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? ~~Was 27 June 08~~ Now on Hold 15 July 2008

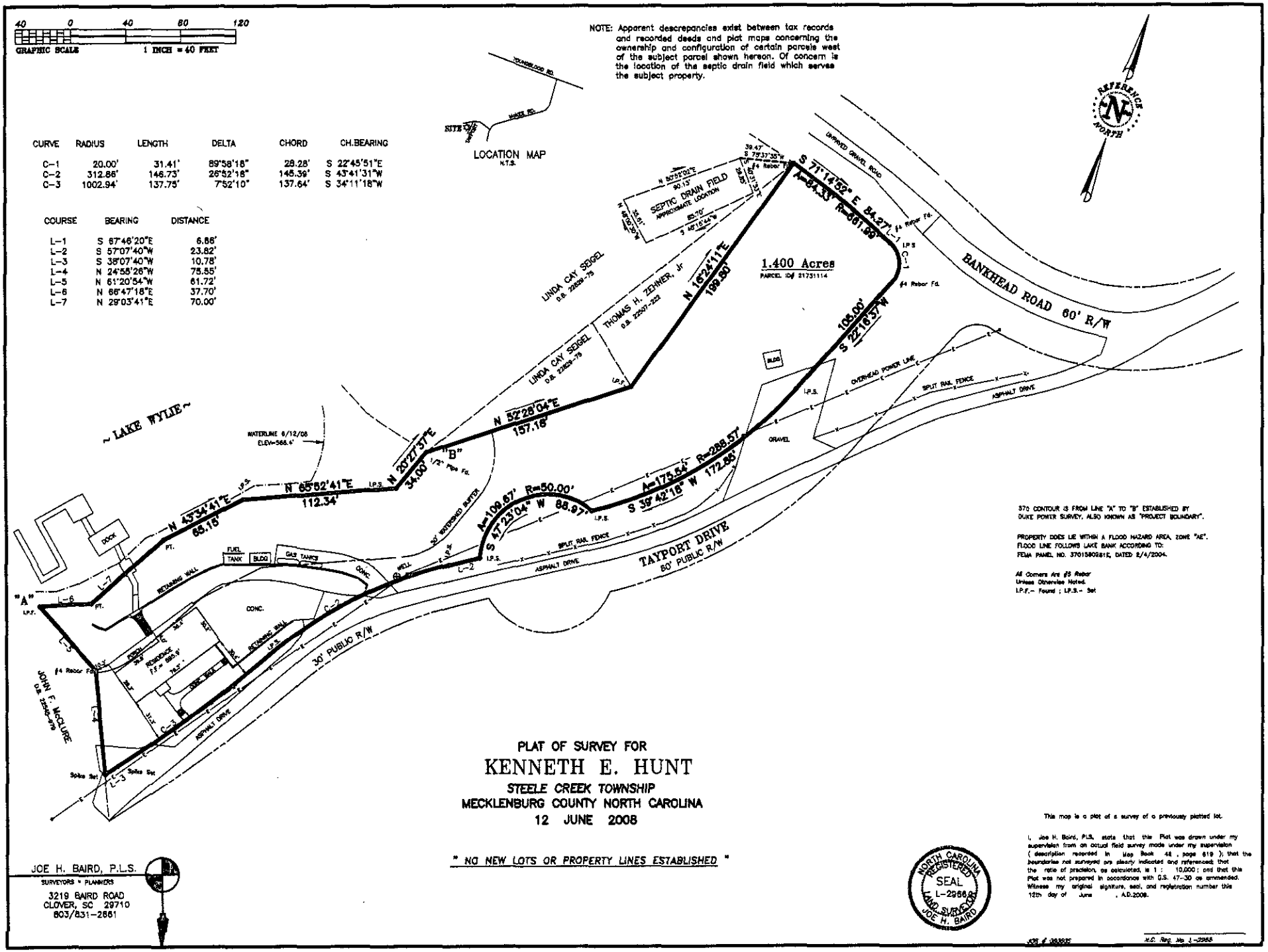
14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein 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.

Kenneth Hunt 25 June 08
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.

Property Owner's or Owner's Legal Representative Signature Date

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



PLAT OF SURVEY FOR

KENNETH E. HUNT

STEELE CREEK TOWNSHIP

MECKLENBURG COUNTY NORTH CAROLINA

12 JUNE 2008

" NO NEW LOTS OR PROPERTY LINES ESTABLISHED "

JOE H. BAIRD, P.L.S.
SURVEYORS * PLANNERS
3219 BAIRD ROAD
CLOVER, SC 29710
803/831-2661

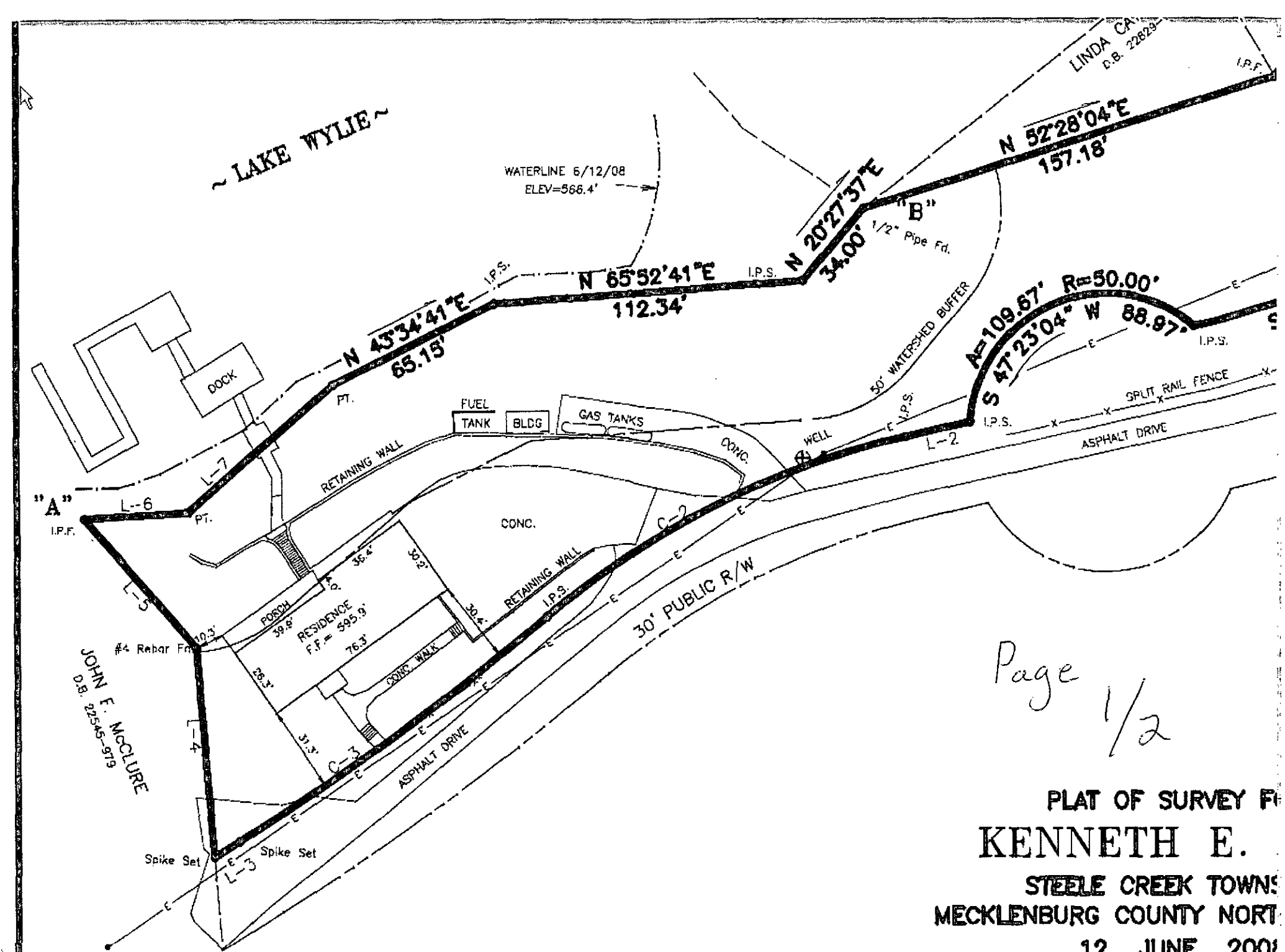
NORTH CAROLINA REGISTERED SEAL L-2956 LAND SURVEYOR JOE H. BAIRD

This map is a plat of a survey of a previously platted lot.

I, Joe H. Baird, P.L.S. state that this Plat was drawn under my supervision from an actual field survey made under my supervision (description recorded in Map Book 44 , page 619); that the boundaries not surveyed are clearly indicated and referenced; that the ratio of precision, as calculated, is 1 : 10,000 ; and that this Plat was not prepared in accordance with G.S. 47-30 as ammended. Witness my original signature, seal, and registration number this 12th day of June , A.D.2008.

N.C. Reg. No. L-2956

JOB # 080625



Page 1/2

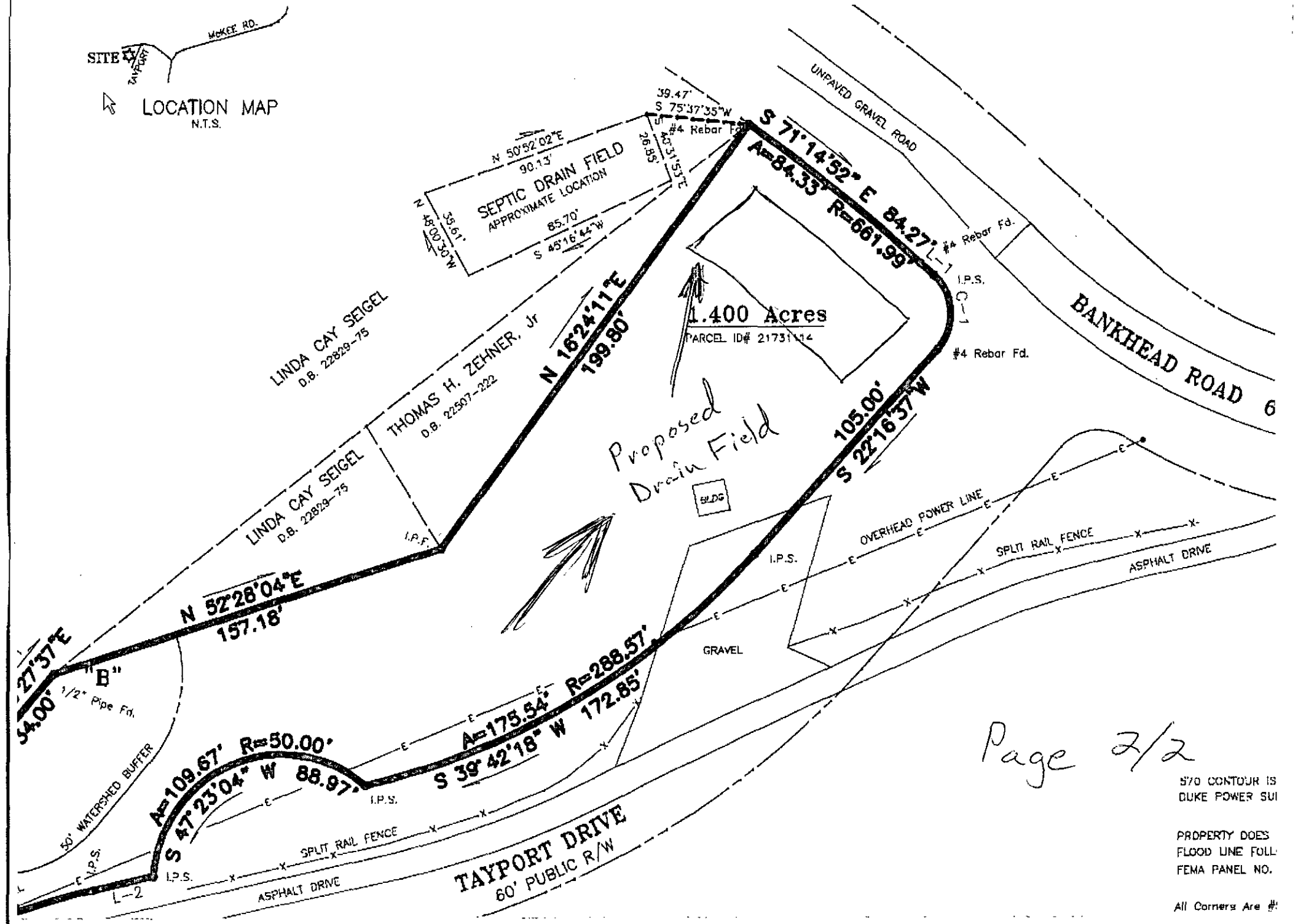
PLAT OF SURVEY F

KENNETH E.

STEELE CREEK TOWN

MECKLENBURG COUNTY NORT

12 JUNE 200



Page 2/2

570 CONTOUR IS
DUKE POWER SUI

PROPERTY DOES
FLOOD LINE FOLL
FEMA PANEL NO.

All Corners Are #

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

Sheet: 1 of 3
Property ID: 217-311-14
Lot #:
File #: 7815B
AppID: 3642

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Barclay's Capital Real Estate
Applicant: Kenneth Hunt
Address: 701 Corp. Center Dr., Raleigh, NC 27607
Date Evaluated: 6/27/2008
Proposed Facility: Residence
Design Flow (.1949): 480 gpd
Property Size: 1.4a
Location of Site: 18212 Tayport Dr
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 #	SOIL MORPHOLOGY (.1941)			PROFILE FACTORS (b)				
	(.1940) Landscape Position/ Slope%	Horizon/ Depth (IN)	(.1941) Structure/ Texture	(.1941) Consistence/ Mineralogy	(.1942) Soil Wetness/ Color	(.1943) Soil Depth (IN)	(.1956) Sapro Class	(.1944) Rest. Horiz	Profile Class & LTAR
1	LS,12	0-6	GR/SL	FR/SS/SP/SEXP	>16" TO SOIL WETNESS	16	N/A	NONE	US
		6-16	SBK/SCL	FR/SS/SP/SEXP					
		16+	M/SAP						
2	"	0-9	GR/SL	FR/SS/SP/SEXP	>28" TO SOIL WETNESS	28	"	"	US,IV
		9-28	SBK/C	FI/S/P/SEXP					.1 GPD/FT^2/LPP
		28+	M/SAP						
3	CC,12	0-3	GR/SL	FR/SS/SP/SEXP	>16" TO SOIL WETNESS	16	"	"	US
		3-16	SBK/C	FI/S/P/SEXP					
		16+	M/SAP						
4	"	0-30	GR/SL	FR/SS/SP/SEXP	>30" TO SOIL WETNESS	30	"	"	US,II
		30+	M/SAP						125 GPD/FT^2/LPP
5	"	0-3	GR/SL	FR/SS/SP/SEXP	>12" TO SOIL WETNESS	12+	"	"	US
		3-8	GR/SCL	FR/SS/SP/SEXP					
		8-12	ABK/C	VFI/VS/VP/EXP					
					SITE LTAR BORING 2				.1 GPD/FT2
					SITE LTAR BORING 4				*125 GPD/FT2*

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

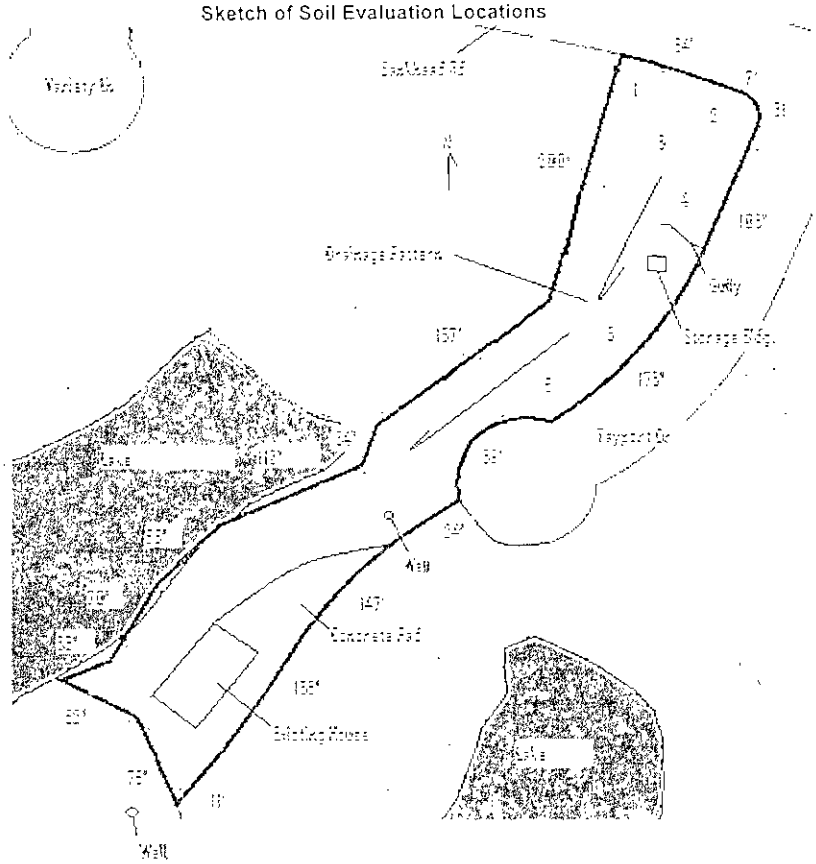
Other Factors (1946): Backhoe pits required to evaluate saprolite
Soil Evaluation By: C.Sherrill,RS, LSS
Others Present: K.Hunt
Site Classification (.1948): US
Site Evaluation By: C.Sherrill,RS, LSS
Others Present: K.Hunt

COMMENTS: 100% Repair Required

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		CL-Clay Loam		
FP-Flood Plain		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



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

File #. 7815B

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM CONTINUED

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 (IN.)	1956 Sapro Class	1944 Restr Horiz	
6	LS,12	0-3	GR/SL	FR/SS/SP/SEXP	>10" TO SOIL WETNESS	10+	N/A	NONE	US
		3-10	ABK/C	FI/S/P/SEXP					

MECKLENBURG COUNTY
Health Department

July 11, 2008

Barclay's Capital Real Estate
701 Corporation Center Drive
Raleigh, NC 27607

Re: Application for improvement permit for
Property Site: 18212 Tayport Drive
Health Department file number: **7815B**

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on **June 27, 2008** evaluated the above-referenced property at the site designated on the site plan that accompanied your improvement permit application. According to your application the site is to serve a 4-bedroom residence, with a design wastewater flow of 480 gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

- ☒ Unsuitable soil topography and/or landscape position (Rule .1940)
- ☒ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
- ☐ Unsuitable soil wetness condition (Rule .1942)
- ☒ Unsuitable soil depth (Rule .1943)
- ☐ Presence of restrictive horizon (Rule .1944)
- ☒ Insufficient space for septic system and repair area (Rule .1945)
- ☐ *Unsuitable for meeting required setbacks (Rule .1950)*
- ☐ Other (Rule .1946)

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water or inside your structure.

The site evaluation included consideration of possible site modifications, and modified, innovative or alternative systems. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of

sewage to another area of suitable soil or off-site to additional property.

For the reasons set out above, the property is currently classified **UNSUITABLE**, and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the
N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926 or from the OAH web site at www.oah.state.nc.us/form.htm. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is **July 11, 2008**. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do not wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC, 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Chris Sherrill, R.S, L.S.S.
Authorized Agent - DENR

Cc: Kenneth Hunt

Encl: (2)