

6830 BUCKLAND RD

11321137

1/3/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 3745B Permit #: _____ Tax Parcel #: 113-211-37

Property Owner: SCOTT TOAL

Job Location Address: 6830 BUCKLAND RD. (LOT #10)

City: CHARLOTTE State: NC Zip Code: 28278

Operation Permit Issuance Date: 10/24/06 Contractor Name: STANLEY

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Effluent Pump Model: MYERS (½hp)

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 500 feet

# of Lines: 6 @ 83 feet

Depth of Media: 12 inches (Type) INNOVATIVE

Depth of Cover: 12+ inches

Distribution Device: PRESSURE MANIFOLD

Bed Installation *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 25 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

Inspection Dates

Tank(s) Inspected: 10/24/06

Excavation Inspected: 10/24/06

Pump & Controls Inspected: 10/24/06

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

INSTALLED IN ACCORDANCE WITH INSTALLATION APPROVAL

CMS 10-24-06

The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☑ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: TYPE III b PUMP 25% REDUCTION; QUICK 4 CHAMBER

DENR Authorized Agent: Chris Sherrill, RS, LSS Signature: Christopher M Sherrill

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700 N. Tryon St., Suite 211 Charlotte, NC 28202
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INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 3745B Permit #: _____ Tax Parcel #: 113-211-37

Property Owner: SCOTT TOAL

Job Location Address: 6830 BUCKLAND RD. (LOT #10)

City: CHARLOTTE State: NC Zip Code: 28278

Installation Approval Issuance Date: 10/23/06

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 11/23/06, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 600 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 500 feet

# of Lines: 6 @ 83 feet

Depth of Media: 12 inches (Type) INNOVATIVE

Distribution Device: PRESSURE MANIFOLD

Bed Design *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

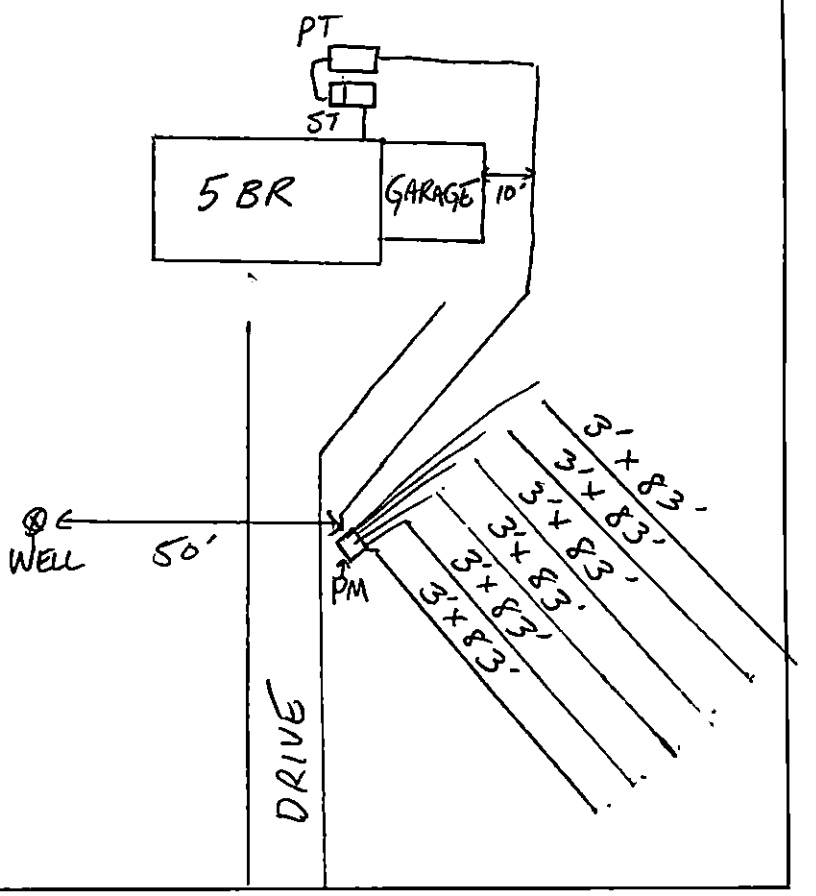
Minimum System Setbacks

Distance from Building Foundation: 25 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: TYPE IIIb PUMP 25% REDUCTION; 1500 gal ST; 1500 gal PT

DENR Authorized Agent: Chris Sherrill, RS, LSS Signature: Christopher M Sherrill

B39270

FEE: 300.00
DATE: 9/7/05
JBA

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

AGS

PERMIT NUMBER: 3745B
PARCEL NUMBER: 113-211-37

JOB LOCATION ADDRESS: 6830 Buckland Road
PROPERTY OWNER: Scott Toal
BUILDING CONTRACTOR: Louis Lipinsky
SUBDIVISION NAME:
AUTHORIZATION ISSUED BY: David Cornelius, RS DATE: 09/07/05

DCornelius, RS 9/7/05
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 3745B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: 3745B Tax Number: 113-211-37

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement: ☒ Yes ☐ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☒ II ☐ III ☐ IV ☐ V ☐ VI

☒ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☐ Innovative or Experimental:

0.3 Long-term acceptance rate (GPD/ft^2)	600 Max gallons/day wastewater flow	2000 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☒ Yes ☐ No	1500 Gallon septic tank	667 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	1000 Gallon pump tank	12 Depth of stone (in)	

Any surface water present: **Yes** Type: **Lake** Minimum separation distance (ft): **50**

Additional conditions:

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1500 Absorption Area (ft^2) 500 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	24 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This improvement permit is transferable.

DENR Authorized Agent Date 9/7/05

Owner/Agent Signature Date 9-7-05

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5103
FAX: (704) 336-6894

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPOSED PLOT PLAN

1"=60'

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

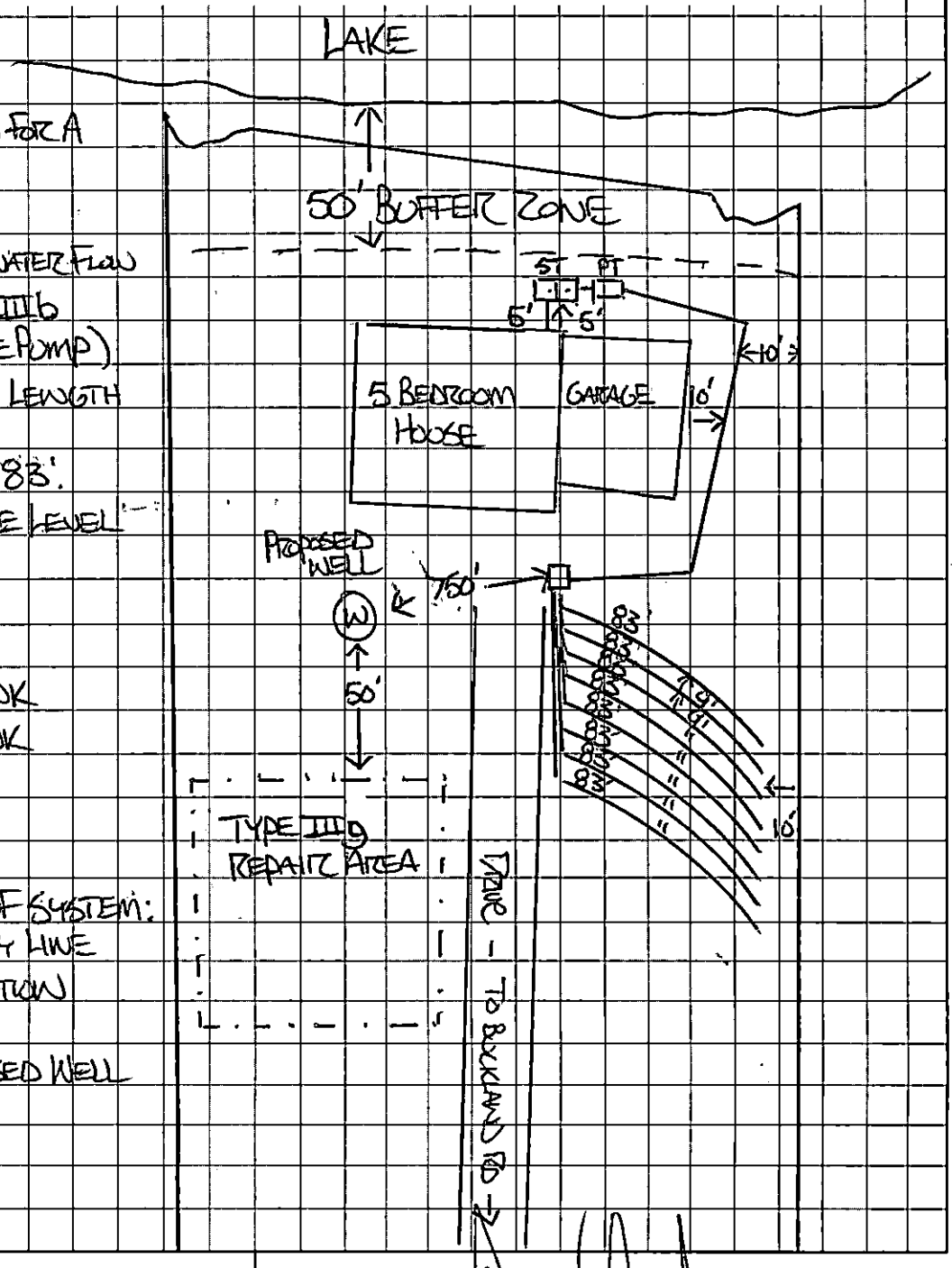
FILE: 3745B

TC: 113-211-37

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

- SEPTIC SYSTEM DESIGN FOR A 5 BEDROOM HOME.
- LTAR = 0.3 GPD/FT²
- 600 MAX GAL./DAY WASTEWATER FLOW
- PRIMARY SYSTEM TYPE III b (CONVENTIONAL W/ SINGLE PUMP)
- 667' TOTAL TRENCH LENGTH
- INSTALL 8 LINES @ 83'. DRAINLINES SHOULD BE LEVEL & ON CONTOUR.
- 9' CENTERS
- 12" GRAVEL
- 1500 GAL SEPTIC TANK
- 1000 GAL PUMP TANK

SETBACKS:
KEEP ALL PARTS OF SYSTEM:
> 10' FROM PROPERTY LINE
> 5' FROM FOUNDATION
> 50' FROM LAKE
> 50' FROM PROPOSED WELL



OWNER/AGENT SIGNATURE

DATE 9-7-05

APPROVAL DATE 9/7/05 RS

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

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

Sheet: 1 of 2
Property ID # 113-211-37
Lot #: 10
File #: 3745B
Code: 1

AG

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Scott Toal
Applicant:
Address: 3705 Fairlane Drive, Gastonia, N. C. 28056
Date Evaluated: 8/31/05
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.0 a. inv.
Location of Site: 6830 Buckland Road
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	OTHER PROFILE FACTORS: 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 12	0-8	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		8-32	SBK/C	FI/SEXP/S/P					
		32-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-5	GR/CL	"	"	"	"	"	"
		5-24	SBK/C	FI/SEXP/S/P					
		24-48	SBK/CL	FR/SEXP/SS/SP					
3	LS, 15	0-42	SBK/C	FI/SEXP/S/P	>49" TO SOIL WETNESS	49	"	"	"
		42-49	SBK/CL	FR/SEXP/SS/SP					
4	"	0-4	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	"
		4-34	SBK/C	FI/SEXP/S/P					
		34-48	SBK/CL	FR/SEXP/SS/SP					
5	"	0-3	GR/CL	"	>42" TO SOIL WETNESS	42	"	"	"
		3-21	SBK/C	FI/SEXP/S/P					
		21-42	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	
System Type(s)		
Site LTAR	.3GPD/FT^2	

Other Factors (.1946):
Site Classification (.1948): PROVISONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 9/2/2005, W. R. Marlin
Others Present:

COMMENTS:
Does not appear to be 100% repair

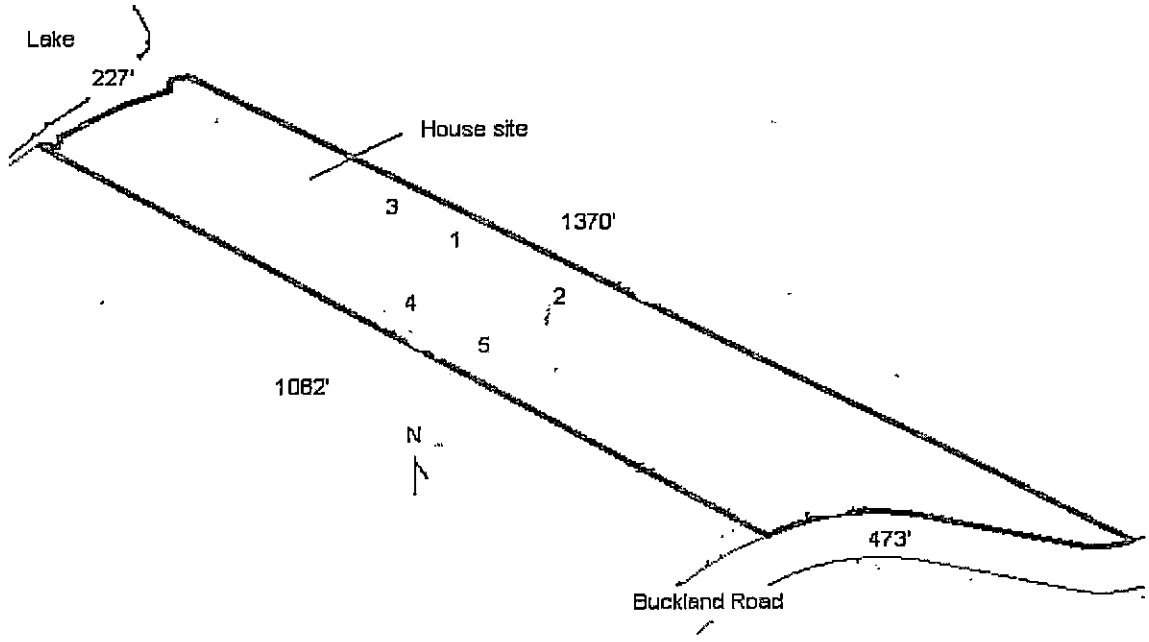
Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
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		

667.0 TLF

7X95'
8X83'X66W

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



David 113-211-33 #2330

GWS – RES. APP 07/05

SEPTIC FEE: 200.00
DATE: 8/24/05
CRT [ ] 039270 SKA

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

WELL FEE:
DATE:
CRT [ ]

FILE # 3745B

SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

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

JOB LOCATION INFORMATION:
TAX/PARCEL #: 113-211-31
STREET ADDRESS: 6830 Buckland Rd
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 10
TOWNSHIP:
☑ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:
TYPE OF BUILDING:
☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☑ HOUSE (H) ☐ OTHER
HEATED SQUARE FOOTAGE: 5846
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 8

FOUNDATION FOR RESIDENCE:
☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING
☐ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☑ NO TYPE:

WATER SUPPLY:
☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)
PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☑ NO

PROPERTY OWNER:
NAME: Scott Toal
ADDRESS: 3705 Fairlane Dr.
CITY: Gastonia
STATE: NC ZIP: 28056
HOME PHONE: 704-823-0200 WORK PHONE:
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: Louis Lipinsky III
ADDRESS: 197 Coyote Circle
CITY: Mooresville
STATE: NC ZIP: 28117
HOME PHONE: WORK PHONE:
MOBILE PHONE: 704-564-0434 FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 1995
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 10-1-06

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

8-24-05
Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

8-24-05
Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-6894

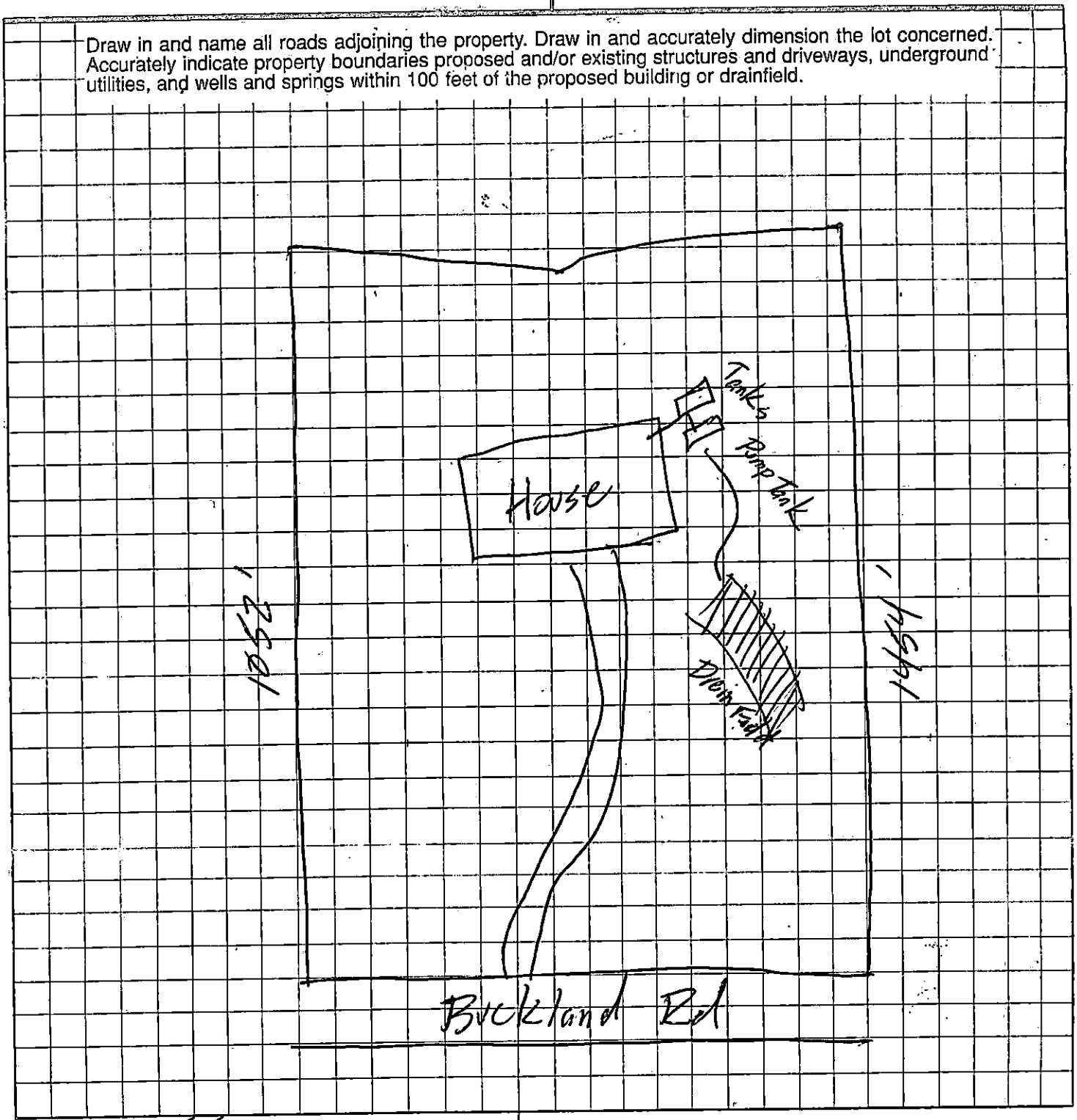
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 37456

TC: 113-211-37

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Louis Lipinsky III
OWNER/AGENT SIGNATURE

DATE 8-24-05

APPROVAL DATE _____

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

OWNER'S ACKNOWLEDGMENT OF MODIFIED/ALTERNATIVE REPLACEMENT SYSTEM REQUIREMENT

Site Address: 6830 Buckland Rd.

File Number: 3745-B, Lot 10

Parcel Number: 113-211-33 pp

Owner/Agent Name: Tim Whittaker
(Please print)

Date: 10/16/95 Number of Bedrooms: 4

Receipt of the plan and specifications for a conventional system of sewage disposal for the above property is hereby acknowledged. Upon receipt of the information, a review was made of the material on file and a site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 15A NCAC 18A .1900 - "Sewage Treatment and Disposal Systems." The plan as submitted is disapproved because there is not sufficient available space for a repair area for a conventional replacement system.

This site may be developed if the repair area is found to be acceptable for either a modified system (Rule .1956) or an alternative system (Rule .1957) for the replacement system as allowed by the following Rule 15A NCAC 18A .1945(b).

(b) Sites shall have sufficient available space for a repair area separate from the area determined in Paragraph (a) of this Rule. The repair area shall be based upon the area of the nitrification field required to accommodate the installation of a replacement system as specified in Rule .1955, .1956, or .1957 of this Section. Prior to issuance of the initial Improvement Permit for a site, the local health department shall designate on the permit the original system layout, the repair area, and the type of replacement system.

Please be advised that you have the right of an informal review by this Department and the right of appeal under G.S. 130A-335(g) and 130A-24, which appeal can be held in Mecklenburg County.

By signing this form, and signing and recording in the Mecklenburg County Register of Deeds Office the attached reclassification form entitled, **"ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM *"UNSUITABLE" TO "PROVISIONALLY SUITABLE"* UNDER 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c)**, you, the property owner,

understand and acknowledge your option to develop this site initially with a conventional sewage system and when needed, subsequently to repair or replace said system with a modified or alternative system as described in Rules .1956 "Modification to Septic Tank Systems," or .1957(a), (b), or (c) "Design Criteria for Design of Alternative Sewage Systems." The completed reclassification form must be approved by this office before it can be recorded.

In addition, you the property owner, also understand that the following conditions will apply:

- Any changes on the property may make the Improvement Permit null and void and may make the Improvement Permit subject to revocation.

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

Jane Higgins Burney, R.S. 10-25-95

Environmental Health Specialist — Date

I have reviewed this document and understand its provisions and implications concerning the issuance of the Improvement Permit for the above-referenced site.

Property Owner Signature — 10/16/95 Date

700 North Tryon Street, Suite 211, Charlotte, North Carolina 28202,
(704) 336-5102

Permit Number: 3745B

CONDITIONS OF IMPROVEMENT PERMIT

Tax Number: 113-211-33A0

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement	___ Yes	___ No	✓ Partial Basement
Type Primary Wastewater System Type (circle one): I II (III) IV V VI	✓ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

3 Long-term acceptance rate	480 Max gallons/day wastewater flow	1600 Absorption Area (sq ft)	9 Trench spacing (min. on centers)
✓ Serviced by private well	1500 Gallon septic tank	533 Total trench length (ft)	36 Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
4 Bedrooms in residence	1000 Gallon pump tank	12" Depth of stone	

Any surface waters present: yes Type: Lake Wylie Minimum separation distance: 50'

Site modifications required: UPSLOPE DRAINAGE MAY BE NECESSARY.

Additional Conditions: ① PUMP WILL BE REQUIRED.
② DRIVEWAY CAN NO WAY AFFECT SEPTIC SYSTEM. DRIVEWAY WILL BE MOVED IF NECESSARY TO ACCOMODATE DRAINFIELD AND/OR SYSTEM

Repair Area System Type Type (circle one): I II III (IV) V VI	___ Conventional ✓ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

___ Absorption Area (Sq ft) 270 Total Trench Length (Ft)	NO Depth of Stone Trench SAND	8" Trench spacing (min. on centers)	56" Maximum Trench Depth

For existing system, enter the year originally installed:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.
- This Improvement permit is transferable.

Toni Huggins Bussey R.S. 10-16-95 — Tim Whittaker 10/16/95

DEHNR Authorized Agent — Date — Owner/Agent Signature — Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, N.C. 28202.
(704) 336-5102

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH,
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPOSED PLOT PLAN

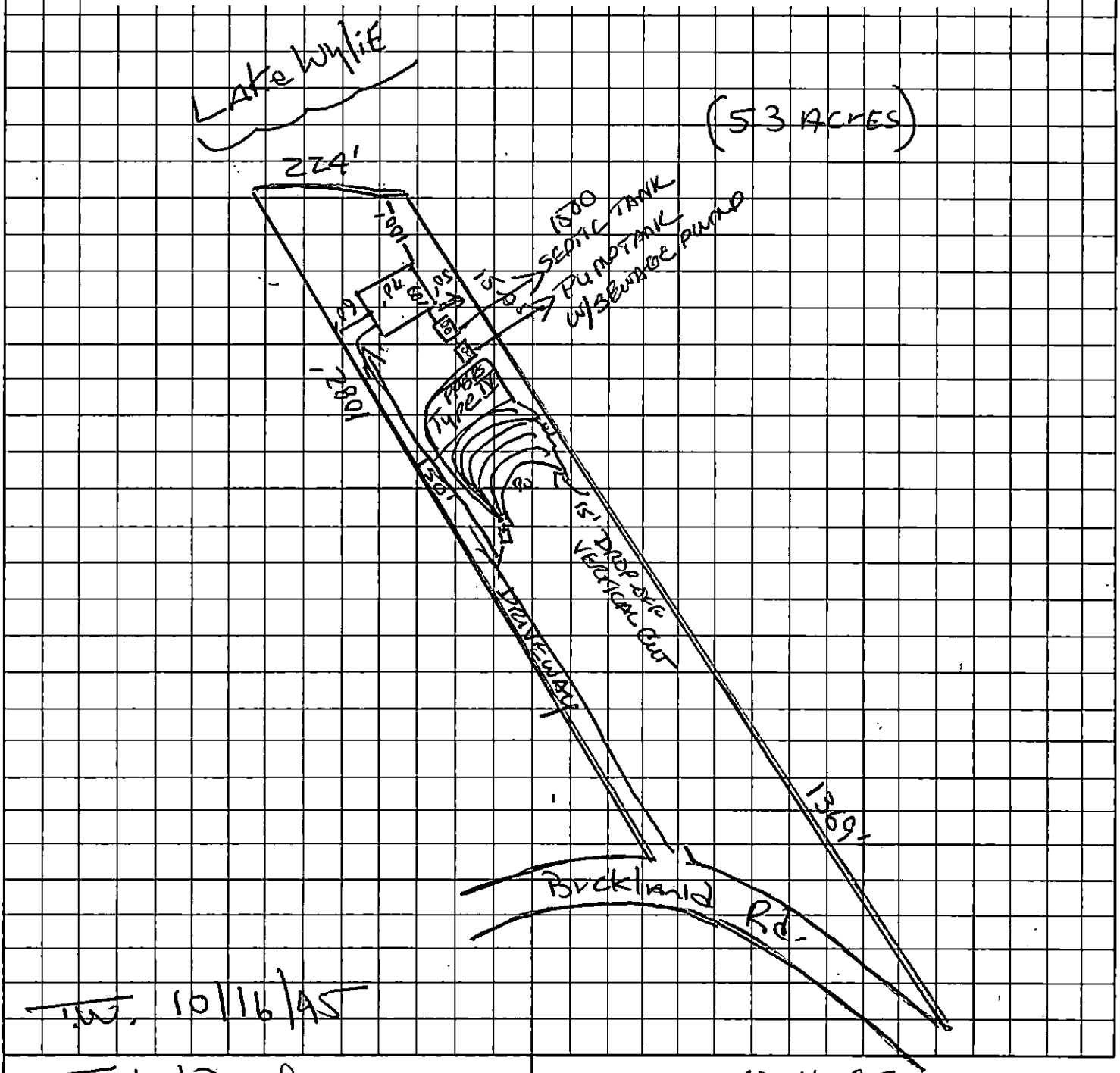
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3745B

TC: 113-211-33 po

Lot 10, Buckland Rd.

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



T.W. 10/16/95

Tim Whittaker
OWNER/AGENT SIGNATURE

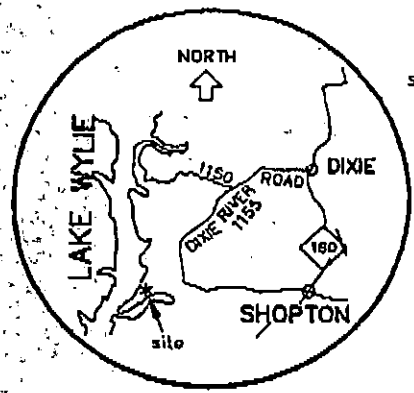
DATE 9/25/95

APPROVAL DATE 10-16-95

2 of 3

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

3745B



VICINITY MAP n.t.s.

39

CRESCENT RESOURCES, INC.
SECTION 37 RECREATION LOTS

(60' ROAD R/W.)
BRACEBRIDGE COURT

NORTH

P/L. FOLLOWS ROAD R/W. LIMIT

MB 25 PG 652

38

MB 18 PG 51

LOT 13
(PROPOSED)

DUKE POWER COMPANY
LAKE WYLIE

L1 L2 L3 L4 L5 L6

P/L. FOLLOWS DPCO
PROJECT BOUNDARY
(LAKE WYLIE)
for 227.02'
(NWFS)

LOT 12
(PROPOSED)

S 61°31'56" E

1082.17'

(NEW LINE)

N 59°33'55" W

LOT 10
233,256 SF or
5.355 AC

LOT 9
(PROPOSED)

LOT 8
(PROPOSED)

LOT 7
(PROPOSED)

RETAIL LINE
DPCO 30' R/W.

(NEW LINE)

1369.89' 60' ROAD EASEMENT

LOT 11
(PROPOSED)

P/L. FOLLOWS ROAD R/W. LIMIT

BUCKLAND ROAD

C2

TIE:
S 46°41'55" W
869.69'

(60' GRAVEL R/W.)

L7

REBAR (S)
CL ● CL

RETAIL LINE DPCO 30' R/W.

C1

TIE:
N 81°12'05" E
786.33'

PK NAIL (S)
CL DIXIE RIVER ROAD
● CL WINDYGAP ROAD

LILYBET LANE
(60' ROAD R/W.)

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	116.26'	68.63'	67.64'	S 85°06'15" W	33°49'30"
C2	343.73'	214.48'	211.02'	S 84°08'27" W	35°45'05"

LINE	DIRECTION	DISTANCE
L1	N 60°28'46" W	21.74'
L2	S 05°25'35" E	9.27'
L3	S 59°19'03" W	93.50'
L4	S 69°32'18" W	61.89'
L5	S 27°32'16" W	11.75'
L6	S 76°16'39" W	26.67'
L7	S 77°59'01" E	190.52'

CRESCENT RESOURCES, INC.

[illegible], RESTRICTIONS, AND CONDITIONS CONTAINED IN THE DEED RECORDED IN DEED BOOK 3146 PAGE 165 IN THE OFFICE OF THE REGISTER OF DEEDS FOR MECKLENBURG COUNTY.

THIS LOT IS A PORTION OF THE PROPERTY ACQUIRED FROM CRESCENT RESOURCES, INC. BY DEED RECORDED IN DEED BOOK 7551 PAGE 832 IN THE OFFICE OF THE REGISTER OF DEEDS IN MECKLENBURG COUNTY.

LEGEND

O	PROPERTY CORNER
F	FOUND
S	SET
NMFS	NO MONUMENT FOUND OR SET
R/W	RIGHT OF WAY
●	UTILITY POLE
OU	OVERHEAD UTILITY

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES

SCALE: 1" = 200'

Lucas–Forman Incorporated
Land Surveying
Planning & Engineering

645 Pressley Road, Suite N
Charlotte, North Carolina 28217
P.O. Box 11386 28220–0386
(704) 527–6626 Fax 527–9640

NEW LOT SURVEY
of
LOT 10 BUCKLAND ROAD
Berryhill Twsp., Mecklenburg Co., N.C.

LOT PART OF ~~BLOCK~~ TRACT 2 MAPBOOK 25 PAGE 652
SUBDIVISION DIXIE RIVER ROAD PROJECT
DEED REFERENCE: 7551–832
for
LAKE WYLIE PARTNERS L.L.C.

SURVEYED: C.A. PINKHAM	DATE: FEB. 9, 1994	REV. 0
DRAWN: M.J. LUCAS	UPDATE:	

SEAL

JOB# 93671–10 | FILE# 245

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE: 9/25/95

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 113-211-33 pp

ASSIGNED ADDRESS 6830 Buckland Rd Lot 10

EXISTING ADDRESS Lot 10

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	DISAPPROVED
1. SUBDIVISION REGULATIONS	/	*
2. FLOODWAY REGULATIONS	/	*
3. EROSION CONTROL REGULATIONS	/	*
4. PUBLIC UTILITY EASEMENT	/	*

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	*	/
6. PROPERTY FRONTS ON THOROUGHFARE	*	/
7. DRIVEWAY PERMIT REQUIRED	*	/

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.

A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAYS.

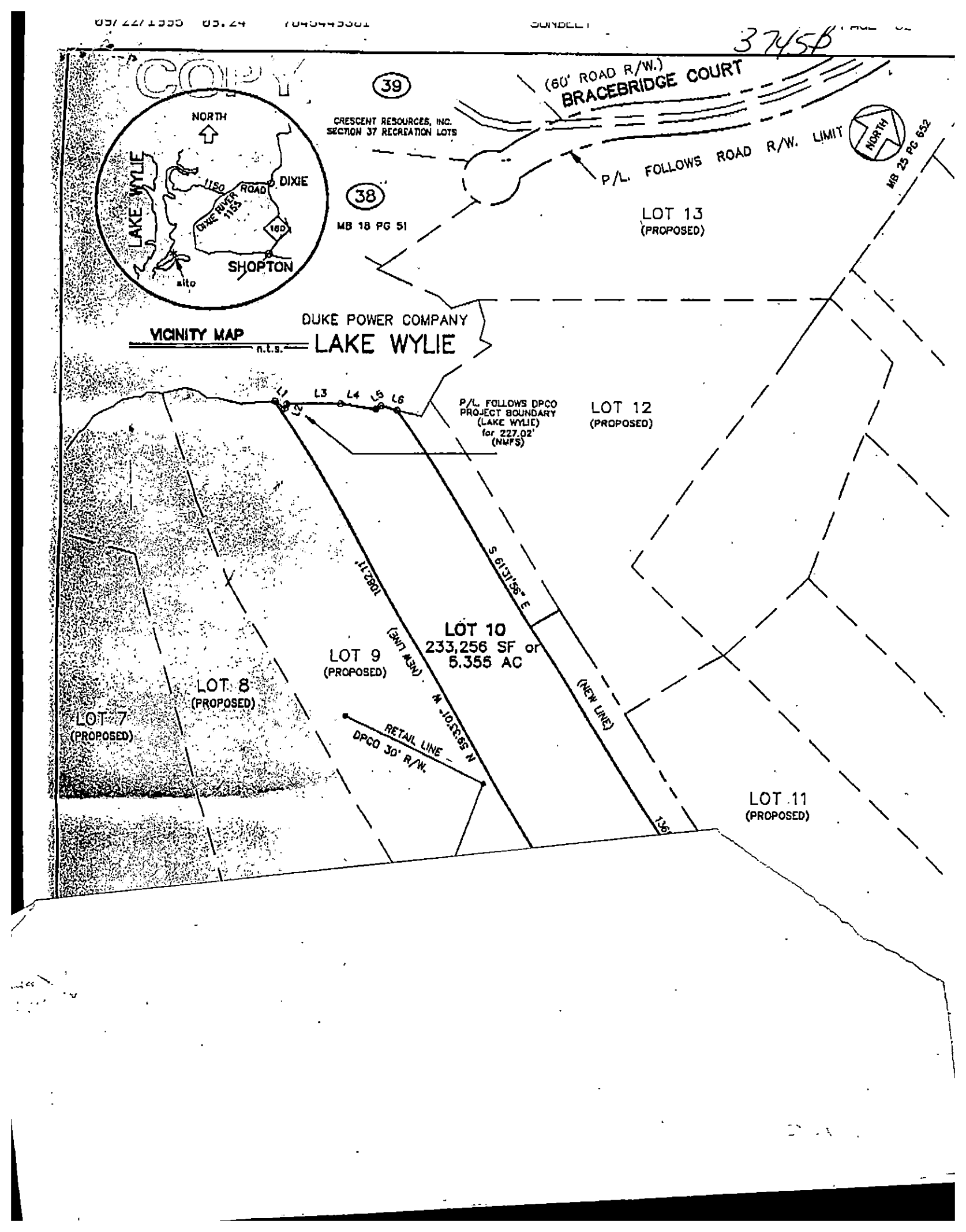
SIGNED: kwb

OPWEAR 06-88

NEW ADDRESS _____*

FORM 100

3745B


COPY
39
(60' ROAD R/W.)
BRACEBRIDGE COURT
CRESCENT RESOURCES, INC.
SECTION 37 RECREATION LOTS
NORTH
LAKE WYLIE
1150
ROAD
DIXIE
DIXIE RIVER
1155
160
SHOPTON
site
38
MB 18 PG 51
P/L. FOLLOWS ROAD R/W. LIMIT
NORTH
MB 25 PG 652
LOT 13
(PROPOSED)
VICINITY MAP
n.t.s.
DUKE POWER COMPANY
LAKE WYLIE
L1
L2
L3
L4
L5
L6
P/L. FOLLOWS DPCO
PROJECT BOUNDARY
(LAKE WYLIE)
for 227.02'
(NWFS)
LOT 12
(PROPOSED)
S 61°31'56" E
1082.11'
(NEW LINE)
LOT 10
233,256 SF or
5.355 AC
LOT 9
(PROPOSED)
LOT 8
(PROPOSED)
LOT 7
(PROPOSED)
N 30°00'05" W
RETAIL LINE
DPCO 30' R/W.
(NEW LINE)
LOT 11
(PROPOSED)

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

3745B

☐ CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:
NAME: Whittaker, Tim (last) (first) (mi)
ADDRESS: 1728 Armstrong Park Dr. PHONE: 704, 866-9540
CITY: GASTONIA, STATE: NC ZIPCODE: 28054

Date: 9/25/95

PROPERTY OWNER:
NAME: Lake Wylie Partners, LLC (last) (first) (mi)
ADDRESS: 6401 Carmel Rd. Suite 105 PHONE: 704, 542-6607
CITY: Charlotte, STATE: NC ZIPCODE: 28226

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 113-211-33 PO
STREET ADDRESS: 6830 Buckland Rd.
ZONING:

Township (check one):
☒ 0 Mecklenburg County ☐ 2 Davidson ☐ 4 Pineville ☐ 6 Huntersville
☐ 1 Charlotte ☐ 3 Cornelius ☐ 5 Matthews ☐ 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 10 LOT SIZE (in acres): 5.3 ACRES

TYPE APPLICATION (check one):
☐ SOIL TEST - INDIVIDUAL LOT (D)
☒ NEW CONSTRUCTION ON VACANT LOT - 6 BEDROOMS OR LESS (N)
☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or N)
☐ COMMERCIAL OR INDUSTRIAL (N)
☐ SOIL TEST DEVELOPMENT (P)
☐ ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
☐ MODIFIED /ALTERNATIVE/ OR RESIDENCE > 6 BEDROOMS (Z)
☐ REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
☐ SINGLE MOBILE HOME (S) ☒ HOUSE (H) ☐ MULTIPLE FAMILY (U)
☐ DOUBLE WIDE (D) ☐ MODULAR HOME (M) ☐ OTHER _____ (O)

NUMBER BEDROOMS: 4 NUMBER OCCUPANTS: 8

SYSTEM CLASSIFICATION: CONV.

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
☐ Community (C) ☐ Shared Well (S)
☐ Municipal (M) ☐ Other 'spring' (O)
☒ Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
☐ Swimming Pool ☐ Jacuzzi ☐ Stable/Barn ☐ Workshop ☐ None
☐ Garage ☐ Storage Building ☒ Deck/Patio ☐ Bedrooms ☐ Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Tim Whittaker Date: 9/25/95

NOTICE: for L.W.P., LLC

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules for Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

☐ IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
☐ ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

_____ Environmentalist Date

_____ Director or Authorized Section Head Date

WATER : '22 '95

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028727

File: 37458 Action 1

Parcel: 60113-211-33 ☐ PC

Location: 6830 Buckland Road

Subdivision:

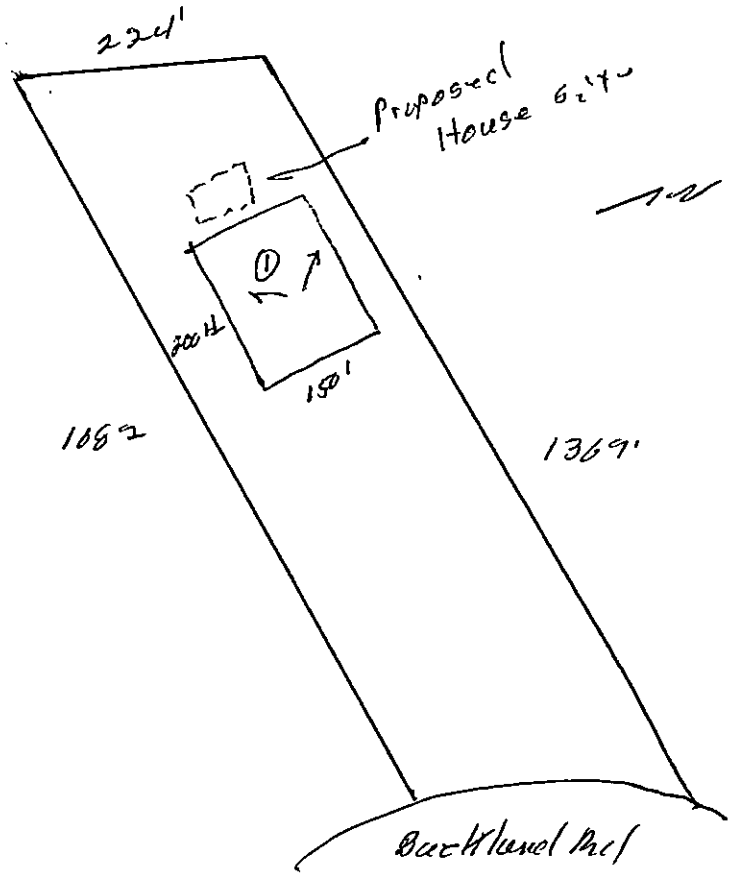
Lot: 10 Block: Acres: .66

Owner: Jake Wylie Partners LLC
Address: 6401 Carmel Road
Suite 105
Charlotte, N.C. 28226

Comments: 100% Repair, 1 bdrm/ 150 gpd LTAP needed
need pump

Described by: William R. Marks

Date: 10-4-95



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 6-15%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture slightly	S (PS) U Exp. clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	~~S PS~~ U ~46"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 43-46"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U ~ 46"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U limited	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV cecil/Lilla					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028727

File: 37458 Q460 Action 1

Parcel: 0113 - 211 - 33 ☐ PC

Location: 6830 Buckland Road

Subdivision:

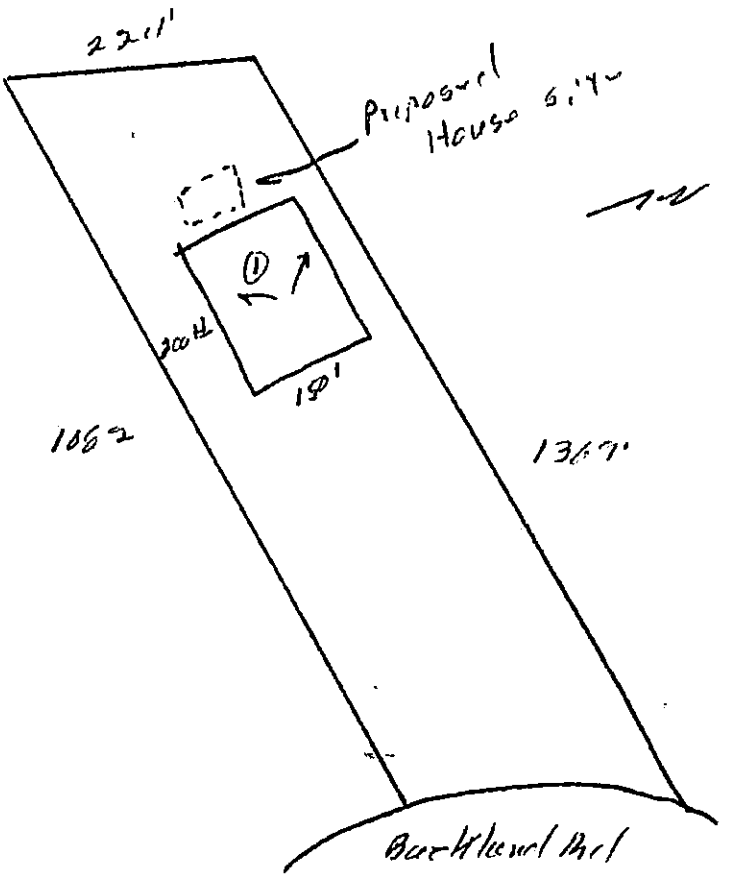
Lot: 10 Block: Acres: .68

Owner: Jake Wylie Partners LLC
Address: 6401 Carmel Road
Suite 105
Charlotte N.C. 28226

Comments: 100% Repair, 1 Bed/ pit/ leg LTAR under need pump

Described by: William R. Marks

Date: 10-4-95



*** EVALUATION KEY ***

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Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	(S) PS U 7 46"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 43-46"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U 7 46"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U limited	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV cecil/lilla					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U