

8806 LIVE OAK DR

13708322

6/6/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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2007 REPAIR

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 5936-A WASPS App #: _____

Primary ES assigned to project: _____

Secondary ES assigned to project: _____

Project Type: New System ☐ Alteration ☐ Repair ☑ Modified Plot Plan ☐

I. File Review:

Rule or Law				
	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☐	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☐
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☐
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☐	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☐	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: _____ Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR	Yes ☐	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☐	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☐	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☐	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?			
.1937(g)	Trench depth indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☐	No ☐	N/A ☐
		Yes ☐	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☑	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☑	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

IA issued date: 5-1-07

OP issued date: 5-3-07

Review performed by: JR Date performed: 5/1/07

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 #: 5936A Permit #: 5936A Tax Parcel #: 137-083-22

Property Owner: NORMAN D. REYNOLDS

Job Location Address: 8806 LIVE OAK DR.

City: MINT HILL State: NC Zip Code: 28227

Operation Permit Issuance Date: 5/3/07 Contractor Name: STEVE AUTRY

Permitted Design Flow: 360 GPD

Liquid Capacity of Septic Tank: EXISTING gallons

Liquid Capacity of Dosing Tank: N/A gallons

Effluent Pump Model: N/A

Drainfield Installation ☑ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

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

Bed Depth: 48 inches 12'X25' BED 24" STONE

Bed Width: 12 feet

Total line length: 25 feet

# of Lines: _____ @ _____ feet

Depth of Media: 24 inches (Type) IIa GRAVEL

Depth of Cover: 24 inches

Distribution Device: D-Box

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

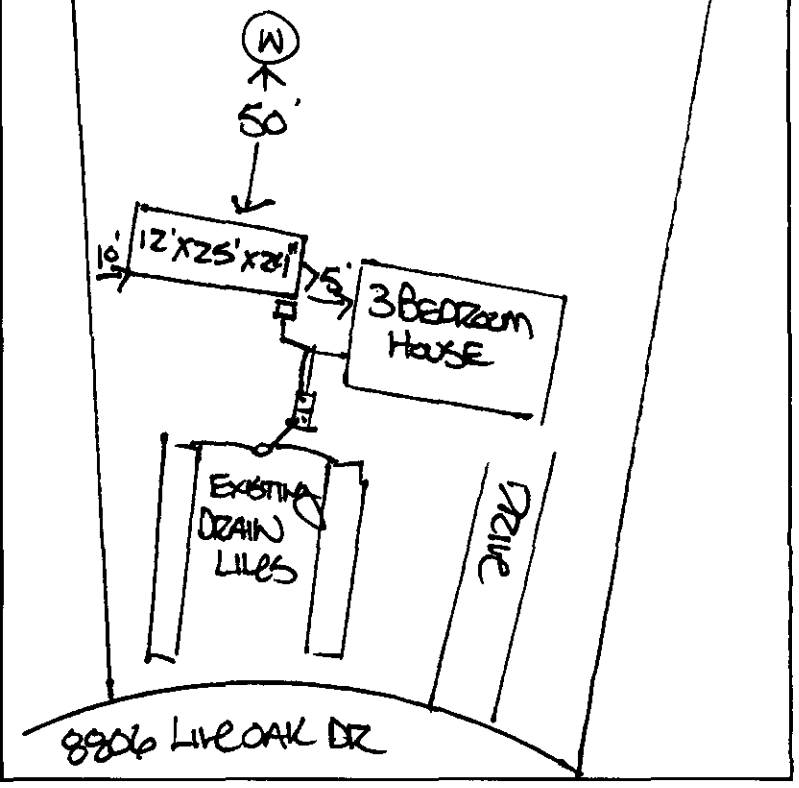
Inspection Dates

Tank(s) Inspected: 5/3/07

Excavation Inspected: 5/3/07

Pump & Controls Inspected: N/A

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



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: REPAIR, TYPE IIa CONVENTIONAL. 12'X25' BED WITH 2' STONE INSTALLED.

DENR Authorized Agent: DAVID CORNELIUS, RS Signature: DAVID CORNELIUS, RS

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

INSTALLATION APPROVAL for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5936A Permit #: 5936A Tax Parcel #: 137-083-22

Property Owner: NORMAN D. REYNOLDS

Job Location Address: 8806 LIVE OAK DR.

City: MINT HILL State: NC Zip Code: 28227

Installation Approval Issuance Date: 5/1/07

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 6/1/07, 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: 360 GPD

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

Liquid Capacity of Septic Tank: EXISTING gallons

Liquid Capacity of Dosing Tank: N/A gallons

Drainfield Design ☑ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

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

Bed Depth: 48 inches

Bed Width: 12 feet 12'X25' BED W/24" STONE

Total line length: 25 feet

# of Lines: _____ @ _____ feet

Depth of Media: 24 inches (Type) IIa

Distribution Device: D-Box

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: 75 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 750 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

SEE OPERATION PERMIT

Comments: System Classification & Type: IIa, INSTALL 12'X25' BED WITH 24" GRAVEL. STAY 750' FROM WELL & 710' FROM PROPERTY LINE.

DENR Authorized Agent: DAVID CORNELIUS Signature: [signature]

FILE NUMBER: 5936A

SEPTIC FEE: _____
DATE: _____

Revised On: January 3, 2007

APPLICATION NUMBER: 2285

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: 137-083-22
STREET ADDRESS: 8806 LIVE OAK DR
CITY: MINT HILL
STATE: NC ZIP: 28227
SUBDIVISION NAME:
LOT #: LOT SIZE (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:
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS:
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: ____ ____ ____ ____ ____

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 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: NORMAN D. REYNOLDS
ADDRESS: 8806 LIVE OAK DR
CITY: MINT HILL
STATE: NC ZIP: 28227
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

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? _____
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____

14. *SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:*
If the information in this application is falsified, changed, or the sitelis 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.

Norman D Reynolds 5/3/07
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.

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

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

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

CERTIFICATE OF COMPLETION/OPERATION PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 5936-A DATE: 1-12-90
TC: 137-083-22 ☐ L ☐ CRT
SERIAL № 12290

Name of Owner John McManus Juris.:
Address of Property 8806 Live Oak Dr.

Inspection Data:

Tank Material RCC
Total Length of Drainfield 720'
Number of Lines 4+4 @ 90'
Cover Depth 18"-32"
Water Supply Source well
Distance to Water Source 750'
Excavation Inspected 1-12-90
Tank(s) Inspected 1-12-90
Wash Line Inspected
High Water Alarm Inspected

PLOT

Design: 1990, 1500ST, DV, Mod, 2160SFB, 12.5, 65, Vance CTR# 70

The undersigned has inspected the Septic Tank System described above, and certifies it has been
☑ installed or constructed ☐ altered or repaired
☑ in accordance with the permit issued ☐ as detailed in the plot above
and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this
☐ Certificate of Completion ☑ 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 10 NCAC 10A .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.

COMMENTS: Installed for 3 bedrooms,

B. R. Ferguson
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

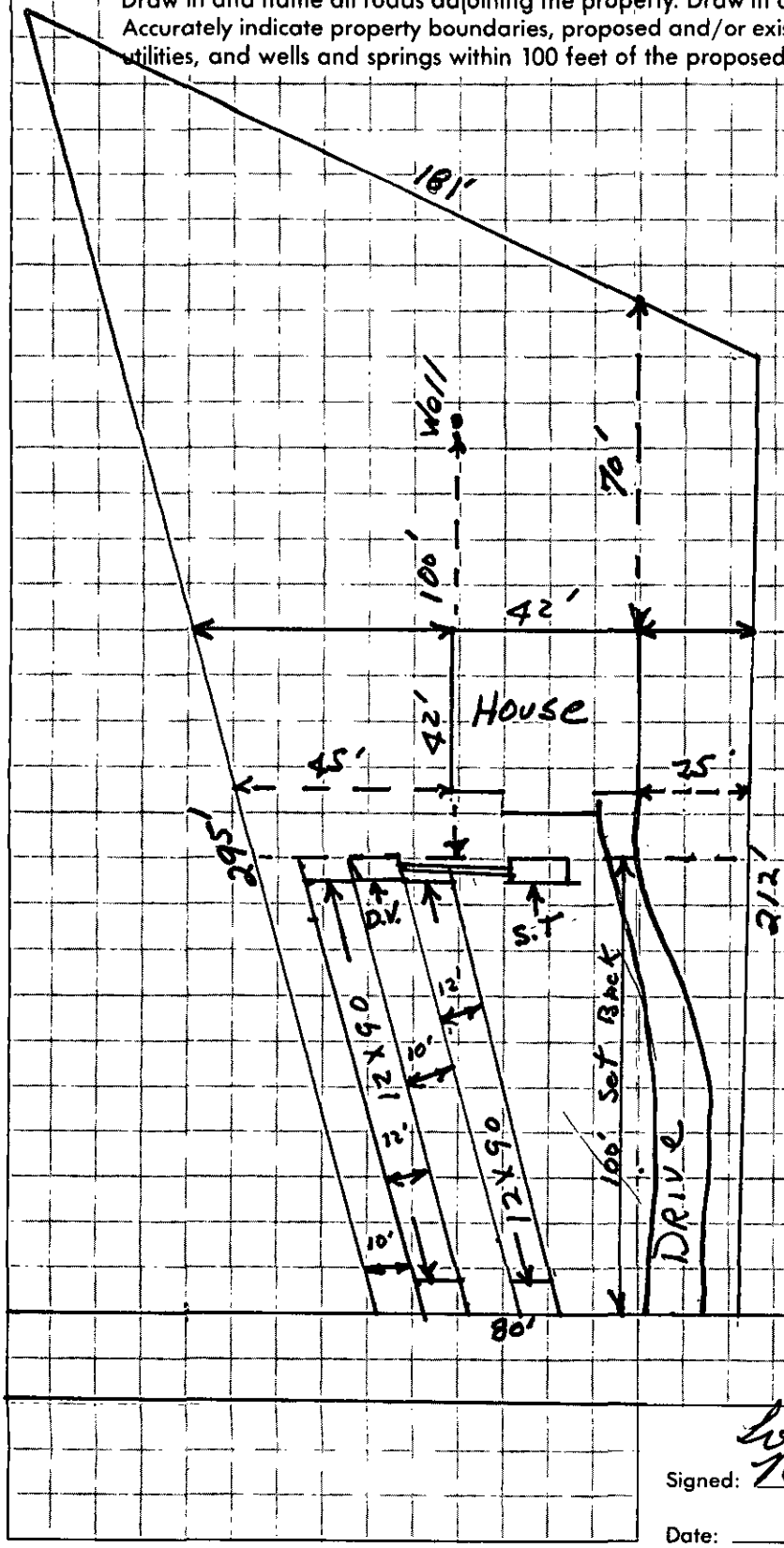
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 5936-A

TC: _____

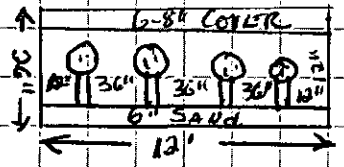
Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



1- 1500 Septic TANK
1- Diverson valve
2 Beds 12 X 90
With 12" stone
6" SAND

TOTAL LINES 720'

Lift Station may be Required Determined By Health Dept Placement Varies



LIVE OAK DR

Signed: Locust Const Co. Nathan Osborne

Date: 8-8-89

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

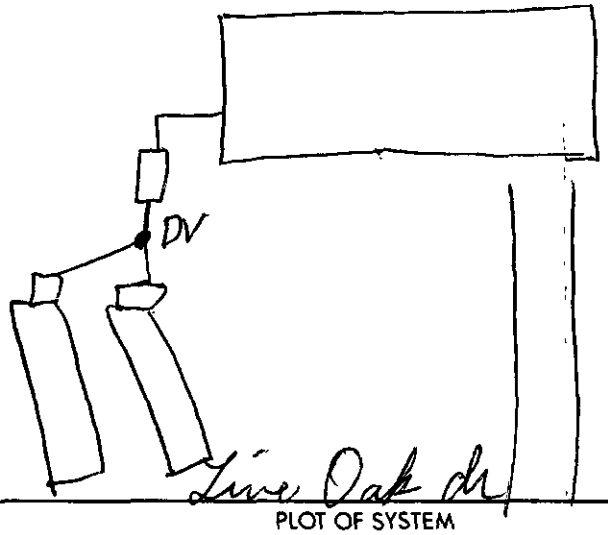
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 5936-A DATE: 12-22-89

TC: 137-083-22 & L

SERIAL Nº 13091

Permission is hereby given to ✓ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 8-7-89. All work shall be completed on or before 1-22-90, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank _____ gallons

Tank Construction ∅ C C

Absorption and/or Nitrification Lines:

Trench Width 12 feet

Total Line Length 720 feet

Number of Lines 4+4

Depth of Stone 12" stone 6" sand inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well > 50 feet

NAME OF OWNER John McManus

LOCATION OF PROPERTY 8806 Live Oak Dr.

Comments: 2-bed 12"X90'X12" stone, 6" sand, Div. valve
Hold depth of bed at 30" deep.

D. Daniel
Division or Section Head

B. R. Ferguson
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Mecklenburg County Health Department in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER OR AGENT'S COPY

COPY

PRESENTED FOR REGISTRATION

89 SEP -5 PM 2:18

ANNE A. POWERS
REGISTER OF DEEDS
MECKLENBURG CO., N.C.

FILE NO. 5936A

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, John & Margaret R. McManus

owner of property located at 8806 Live Oak Dr. Charlotte, N.C. 28227

("the site") and described in an instrument recorded in Book 5992 at Page 0525, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 2nd day of September, 1989.

John McManus (SEAL)

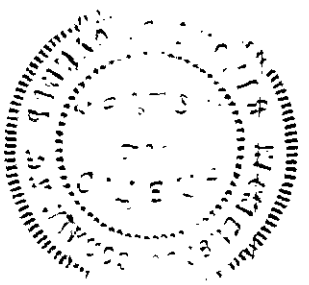
Margaret R McManus (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Ramona D Canupp, a Notary Public for said County and State, do hereby certify that John & Margaret McManus personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 2nd day of September, 1989.

Ramona D Canupp
Notary Public



Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

August 17, 1989

John McManus
5512 Wilgrove Mint Hill Road
Charlotte, NC 28227

Dear Mr. McManus:

RE: Property located at 8806 Live Oak Drive
FILE: 5936A
PARCEL: 137-083-22

Receipt of your plans for a modified waste disposal system for the property referenced above is acknowledged.

Your plans for the modified system for the above property as submitted are approved with the following comments:

- The well should be located 100 feet or no less than 50 feet away from any part of the sewage disposal system and repair area.
- Water saving plumbing devices and low flush or microflush toilets must be installed when constructing the residence.

Although this property is exempt from the 100% repair area requirement, the maximum feasible remaining area near the system shall be allocated for a repair area.

Upon execution and recording with the Register of Deeds Office, Mecklenburg County, of the enclosed "Septic Tank Agreement Form", an Improvements Permit may be issued by this office.

Sincerely,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

GV/ir

Enclosures - 3 Septic Tank Agreement Forms

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)

FILE: 5936A

TC: _____

SERIAL: No 18964

☐ L ☑ CRT

JOB LOCATION

① ADDRESS: 8806 (STREET NO.) Live Oak Drive (STREET) ② FILE: 5936A

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 137-083-22

⑤ SUBDIVISION: _____ ⑥ LOT: 5 ⑦ BLOCK: 2

OWNER

⑧ NAME: John (FIRST) McManus (MIDDLE) (LAST)

⑨ MAILING ADDRESS: 5512 Wilgrove Mint Hill Road

⑩ CITY: Charlotte, N. C. ⑪ STATE: N.C. ⑫ ZIP: 28227

⑬ PHONE: (WORK) 545 5358 ⑭ (HOME) 545 5863

REQUEST

This request is for a(n):

⑮ ☒ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type? _____

㉓ Maximum occupancy? _____ ㉖ Maximum number of employees? _____

㉔ Basement? ☐ yes ☒ no ㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, 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: John McManus

Date: August 7, 1989

IMPROVEMENT PERMIT

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 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 permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Environmentalist _____ Date _____

Director or Authorized Section Head _____ Date 7-06-89

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 8/16/89

Name/Company: Ellington Construction

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Impr. - New

Fire # 5936A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
AUG 16 1989

Cash
$200.00

Fee: $ 200.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

C. Hoble
Completed by

Collected by

BILLING — WHITE

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

DATE: 7-27-89

NAME/COMPANY: John McManus
Check from Ellington Const. Co

Sanitation _____

Vector Control _____

OPWD _____

SERVICE: Soil investigation
Live Oak Dr. - 137-063-22
5936A .65 Acre

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
JUL 27 1989

FEE: $40.00

WAA
Completed By

Collected By

40.00

APPLICATION FOR SOIL INVESTIGATION

TAX # 137-083-22

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 5936 A

TC: 137-083-22

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Live OAK Drive

② SUBDIVISION: _____ ③ LOT: 5 ④ BLOCK: 2

⑤ PARCEL REFERENCE: BOOK NO.: 12 PAGE NO.: 229 PARCEL NO.: _____

⑥ DEED REFERENCE: BOOK NO.: 5992 PAGE NO.: 0525

OWNER

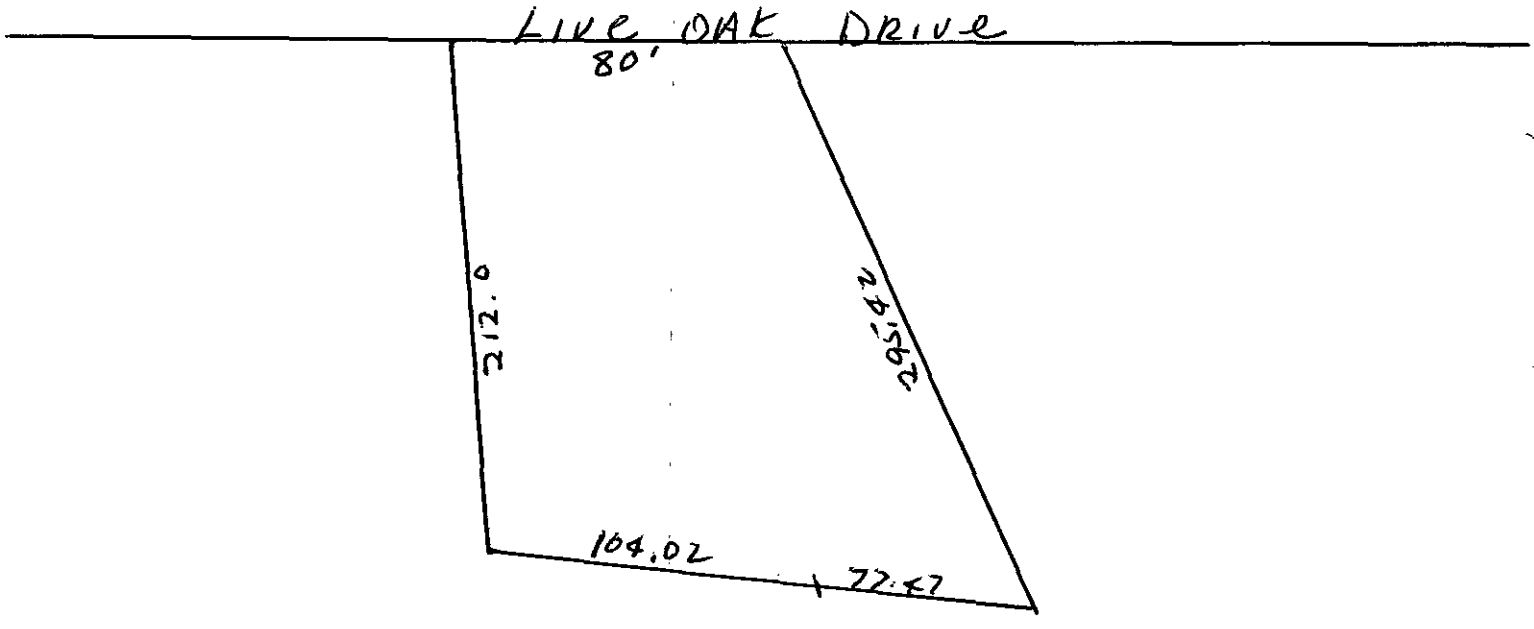
⑦ NAME: John (FIRST) McManus (LAST) and Wife Margaret (MIDDLE) R. McManus

⑧ MAILING ADDRESS: 5512 Wilgrove Mint Hill Rd

⑨ CITY: Charlotte N.C. ⑩ STATE: N.C. ⑪ ZIP: 28227

⑫ PHONE: (WORK) _____ (HOME) 545-5863

⑬ *Accurately diagram and dimension lot.*



⑭ The undersigned, 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: John McManus

Date: 7-28-89

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY.

Mecklenburg County
Health Department

Basil G. Deltu, M.D., M.P.H.
Health Director

July 31st, 1989

John McManus
5512 Wilgrove Mint Hill Rd.
Charlotte, NC 28227

RE: Property located at Live Oak Drive
FILE: 5936A
PARCEL: 137-083-22

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 12147) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Very truly yours,

Jim Ericson, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure (2)

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 12147

File: 5936A

Action 2

Parcel: 137-083-22

☐ PC

Location: Live Oak Drive

Subdivision:

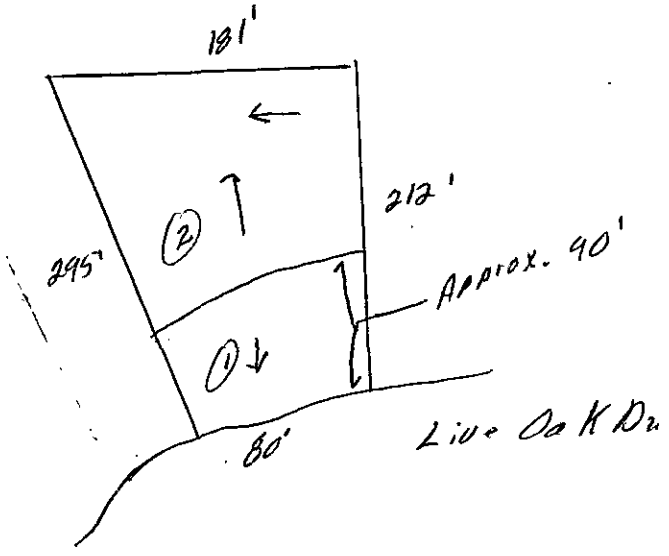
Lot: 5 Block: 2 Acres: ~~.80~~ .64

Owner: John McManus
Address: 5512 Wilgrove Mint Hill Road
Charlotte, NC 28227

Comments: _____

Described by: William R. Marks

Date: 7-28-89



***** 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 2-8%	(S) PS U 6-15%	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) 2-1 clay	S PS (U) 2-1 clay	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U >36" to water	S PS (U) perched water 18-30"	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 28-32"	S (PS) U 36"+	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U >36"	S (PS) U >36"	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	IVB Vance Lite	IVB Helena-Lilo				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U