

9212 DOGWOOD RIDGE DR

13925142

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

PROPOSED PLOT PLAN

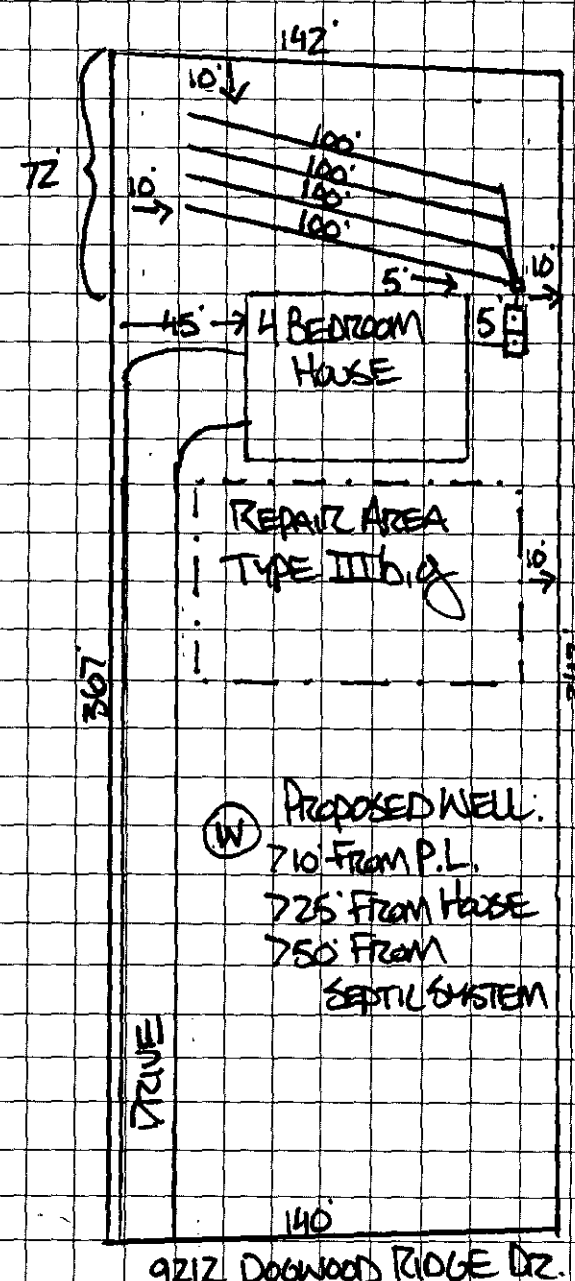
1" = 60'

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

FILE: 22708

TC: 139-251-42

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 4 BEDROOM HOUSE
- 480 GAL/DAY MAX
- LTAR = 0.3 GAL/DAY/FT²

INNOVATIVE, 25% REDUCTION, TYPE IIIg

INSTALL 4 LINES @ 100' EA.
PLACE LINES LEVEL ON CONTOUR
& ON 9' CENTERS.

1500 GAL SEPTIC TANK
D. BOX

SETBACKS:
KEEP ALL PARTS OF SEPTIC SYSTEM:
>5' FROM HOUSE
>10' FROM PROPERTY LINE
>50' FROM ANY WELL.

TYPE IIIb,g REPAIR AREA.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

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

2270 B

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: [redacted] B

WASPS App #: 2025

Primary ES assigned to project: DC

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?	Yes ☑	No ☐	N/A ☐
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☑	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 14 Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR .3	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b) 130A-336	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐
(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?	Yes ☑	No ☐	N/A ☐
.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 ☐
	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: _____

OP issued date: _____

Review performed by: JR

Date performed: 12-17-07

$100 cost additional site visit 11/26/07 BM

FILE NUMBE. 2270B

Revised On: August 31, 2007

APPLICATION NUMBER: 2825

SEPTIC FEE: 200.00
DATE: 10/15/07
Visa-103945 appr

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: 139-251-42
STREET ADDRESS: 9212 ~~[illegible]~~ Dogwood Ridge
CITY: Mint Hill
STATE: NC ZIP: 28227
SUBDIVISION NAME:
LOT #: 7 LOT SIZE (acres): 1.4
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: ~~[illegible]~~ # 3500
NUMBER OF BEDROOMS: ~~[illegible]~~ 4
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: 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: Vikki D. Rose
ADDRESS: RR1 Box 1B
CITY: Cottageville,
STATE: WV ZIP: 25239
HOME PHONE: 304-372-4642 WORK PHONE: 304-273-7023
MOBILE PHONE: 304-532-0123 FAX:

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: David Voronia
ADDRESS: 9124 leah meadow ln
CITY: Mint Hill
STATE: N.C ZIP: 28227
HOME PHONE: WORK PHONE:
MOBILE PHONE: (704) 650-5971 FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 8-2000

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 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.

X _____ 8/9/2000
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

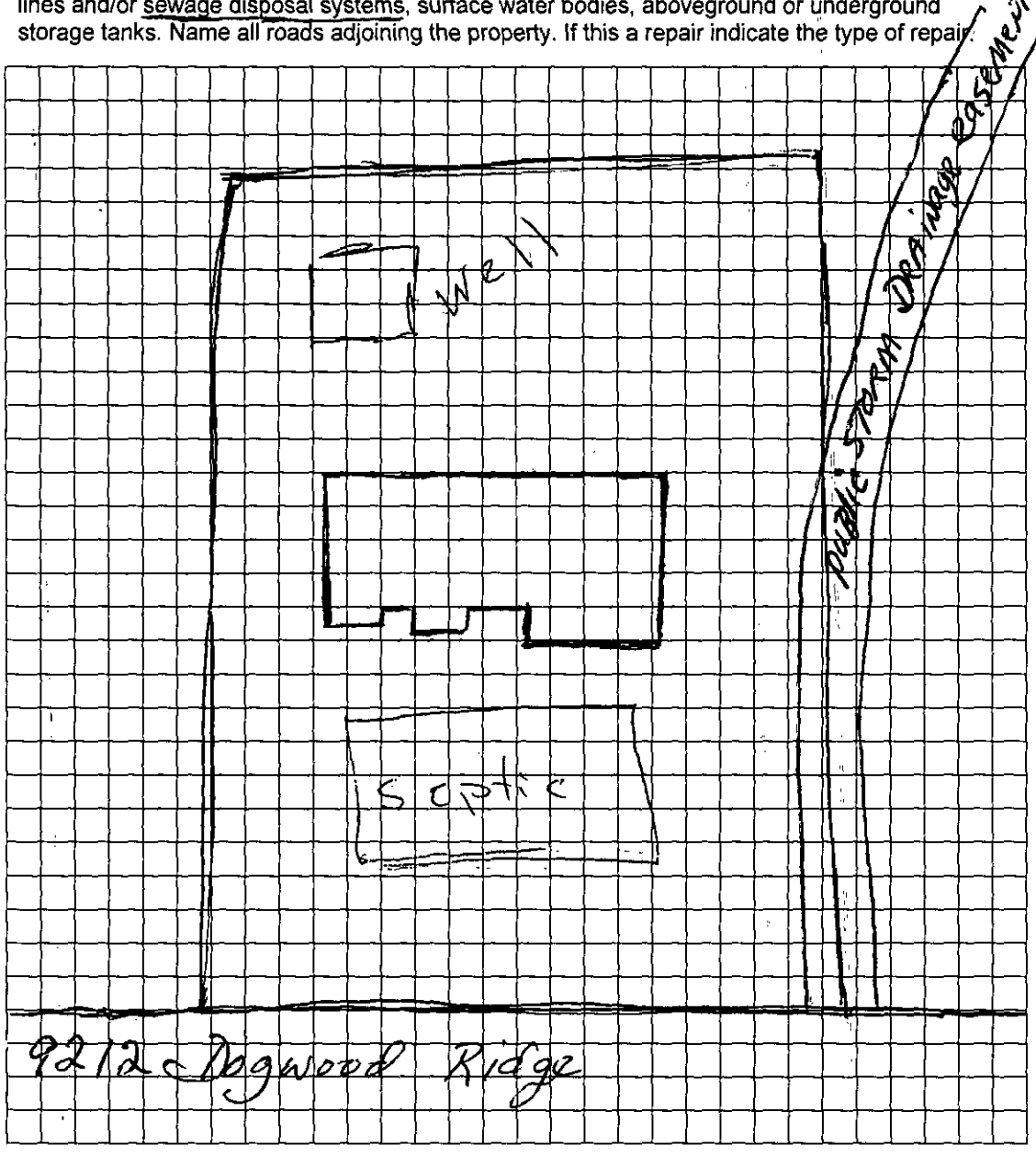
MECKLENBURG COUNTY-GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211, CHARLOTTE, NC 28202 PHONE: (704) 336-5103 FAX: (704) 336-6894

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File #_____
Date_____

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	
Date 10-12-07	

LBC 12/15/04

To: David Voronin
9124 Leah Meadow Lane
Mint Hill, NC 28227
Tel. 704.650.5974
Fax. 704.573.4791

From: Vikki Rose
RR1 Box 1B
Cottageville, WV 25239
Tel. 304.372.4262

Date: 09Oct07

I grant David Voronin permission to contract with third parties as necessary to conduct tests required to certify that 9212 Dogwood Ridge Drive (parcel 13925142) is suitable for building a singe family residence.

This authorization is limited only to such tests necessary to satisfy Mecklenburg County building requirements.

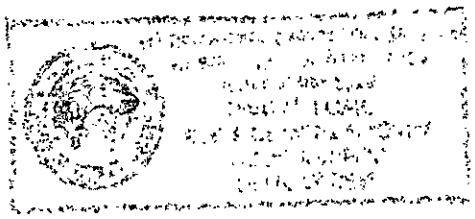
Vikki Rose — 10 Oct 07

Vikki Rose — Date

Diana J. Lowe — 10/10/07 — June 25, 2014

Notary Republic, Diana Lowe — Date — Commission Expires

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
DIANA J. LOWE
Route 1, Box 285A
Palestine, West Virginia 26160
My Commission Expires June 25, 2014



[illegible] [illegible] Date [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible]

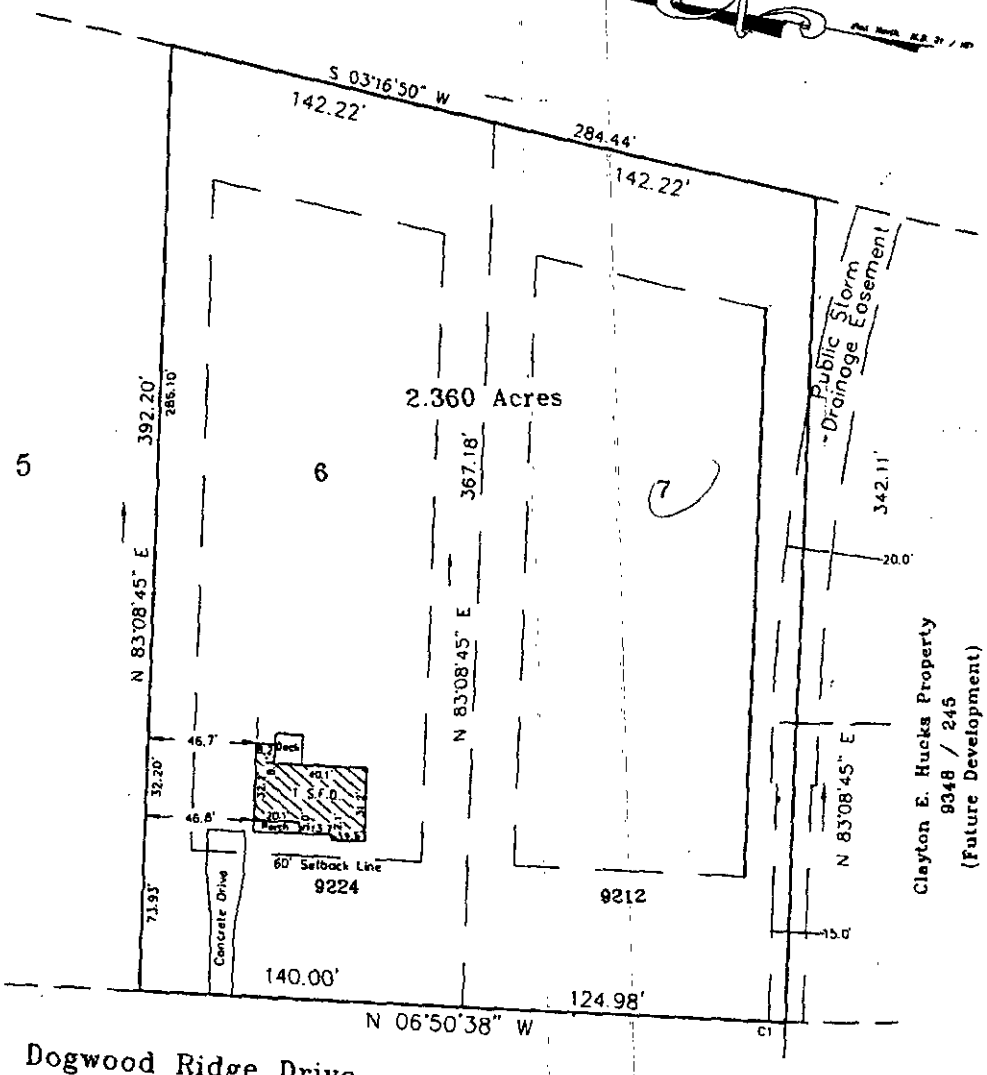
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[

Page 2 of 4

Surveyed By: Ben M. Flowe & Son,
11316 Brief Road
Charlotte, N.C.
28227
(704) 545-3060

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	15.02'	970.00'	S 07°17'15" E	15.02'



Dogwood Ridge Drive 60' Public R/W

NOTE:
ALL DISTANCES ARE HORIZONAL DISTANCES UNLESS OTHERWISE NOTED.

NOTE:
AREA BY COORDINATE COMPUTATION.

NOTE:
PROPERTY SUBJECT TO ANY VALID & ENFORCEABLE EASEMENTS, RESTRICTIONS & RIGHTS OF WAY OF RECORD.

SUBJECT PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FLOOD INSURANCE RATE MAP.

NOTE.
THIS PLAT IS OF A SURVEY OF AN EXISTING PARCEL or PARCELS OF LAND.

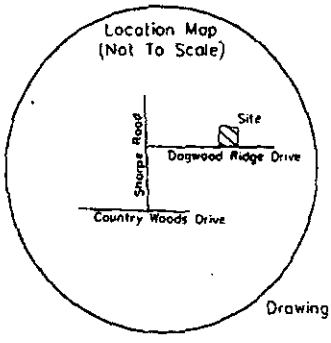
NORTH CAROLINA REGISTERED SEAL L-3600 LAND SURVEYOR GREGORY S. FLOWE

8/2/00

Tax Parcel: 139-251-41 & 42

E.C. = 1' : 10,000' +

Deed Ref: 9348 / 245
Map Book: 31 / 187



Physical Survey
For

Victus F. Rose

Lots 6 & 7, Dogwood Ridge, Phase 1
Clear Creek Township
Mecklenburg County, N.C.

Drawing No. 373-00

Scale: 1" = 60'

July 29, 2000

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	10/15/07	**Amount:**	200.00
Receipt #:	53163	**Tendered:**	0.00
Check / Auth #:	VISA 103795	**Returned:**	0.00
Received By:	GLADNAG		

Account Information

Account #: 200000
Contractor: DAVID VORONIN
Attn:
Address: 9124 LEAH MEADOW LN
Address:
City/State/Zip: MINT HILL, NC 28227

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 9212 DOGWOOD RIDGE DR		1	200.00	200.00

Outstanding Balances

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

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

Sheet: 3 of 3
File #: 2270B

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM CONTINUED

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
7	LS, 6	0-4	GR/CL	FR/SEXP/SS/SP	>21" TO SOIL WETNESS	19	N/A	NONE	US, IV
		4-19	SBK/ABK/C	FI/SEXP/S/P					.125GPD/FT^2
		19-21	M/CL	FR/SEXP/SS/SP					
8	"	0-3	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV
		3-36	SBK/ABK/C	FI/SEXP/S/P					.3GPD/FT^2
		36-48	SBK/CL	FR/SEXP/SS/SP					
9	"	0-3	GR/CL	"	>38" TO SOIL WETNESS	38	"	"	"
		3-34	SBK/ABK/C	FI/SEXP/S/P					
		34-38	SBK/CL	FR/SEXP/SS/SP					
	BORINGS	A-E	ON 12/14/07	LTAR .3GPD/FT^2	SITE LTAR- PROFILES	5, 6, 8, 9	.3GPD/FT^2	1, 3, 4-	.25GPD/FT^2
A	"	0-6	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		6-48	SBK/CL	FI/SEXP/S/P					.3GPD/FT^2
B	"	0-4	GR/CL	FR/SEXP/SS/SP	>47" TO SOIL WETNESS	47	"	"	PS, IV
		4-47	SBK/ABK/C	FI/SEXP/S/P					"
C	"	0-5	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	PS, IV
		5-47	SBK/ABK/C	FI/SEXP/S/P					.275GPD/FT2
D	"	0-4	GR/CL	FR/SEXP/SS/SP	>39" TO SOIL WETNESS	39	"	"	PS, IV
		4-39	SBK/ABK/C	FI/SEXP/S/P					.3GPD/FT^2
E	"	0-5	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	"
		5-39	SBK/ABK/C	FI/SEXP/S/P					
		39-46	SBK/ABK/CL-C	FRI-FISEXP/SS/SP					

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

Sheet: 1 of 3
Property ID: 139-251-42
Lot #: 7
File #: 2270B
AppID: 2825

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Vikki D. Rose
Applicant: David Voroni
Address: Rr 1, Box 1B, Cottageville, WV, 25239
Date Evaluated: 10/24/07
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 1.14a
Location of Site: 9212 Dogwoo Ridge Drive
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [x] 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	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-21	FILL		>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .25GPD/FT^2
		21-24	GR/SCL	FR/SEXP/SS/SP					
		24-48	SBK/ABK/SC	FI/SEXP/S/P					
2	"	0-18	FILL		"	"	"	"	"
		18-22	GR/CL	FR/SEXP/SS/SP					
		22-48	SBK/ABK/SC	FI/SEXP/S/P					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	"	28	"	"	US, IV .125GPD/FT^{2}LPP
		6-28	SBK/ABK/SC	FI/SEXP/S/P					
		28-48	M/CL	FR/SEXP/SS/SP					
4	"	0-3	GR/CL	"	>42" TO SOIL WETNESS	42+	"	"	US, IV .2GPD/FT^2
		3-35	SBK/ABK/SC	FI/SEXP/S/P					
		35-42	"	VFI/EXP/S/VP					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	>52" TO SOIL WETNESS	46	"	"	PS, IV .3GPD/FT^2
		4-46	SBK/ABK/C	FI/SEXP/S/P					
		46-52	M/CL	FR/SEXP/SS/SP					
6	"	0-4	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		4-11	SBK/SCL	"					
		11-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IIIbg
Site LTAR	0.3	0.3

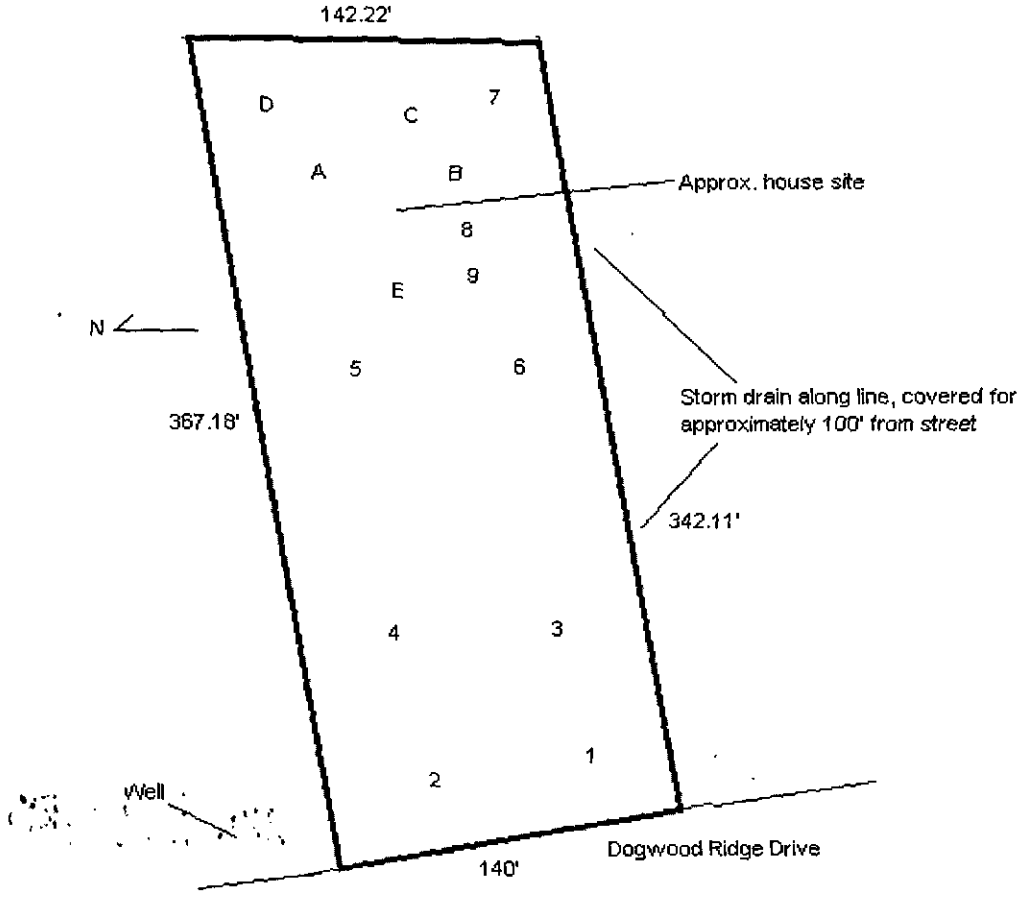
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 10/24/2007
Others Present: D. Voronia
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: David Cornelius, RS
Others Present:

COMMENTS:
100% repair, borings A-E made 12/14/07, WRM & D. Cornelius present

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



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

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002825** GWS File #: **2270B** Tax Parcel #: **139-251-42**

- This 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.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 12/18/2012

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 3500 # Bedrooms: 4 # Occupants: 4

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Innovative **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A		
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1600	Total Trench Length (ft):	533		
Maximum Trench Depth (in):	30	Depth of Media (in):	N/A	Distribution Device:	Distribution Box				

III. Repair System Type: Pump to Innovative **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1000		
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400		
Maximum Trench Depth (in):	30	Depth of Media (in):	N/A	Distribution Device:	Pressure Manifold				

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: David Cornelius Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 12/18/2007

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

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002825** GWS File #: **2270B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: David Cornelius

Signature: _____

Date Issued: 12/18/2007

Owner/Legal Agent: _____
Print Name

Signature: _____

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

Sheet: 1 of 3
Property ID: 139-251-42
Lot #: 7
File #: 2270B
AppID: 2825

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Vikki D. Rose
Applicant: David Voroni
Address: Rr 1, Box 1B, Cottageville, WV, 25239
Date Evaluated: 10/24/07
Proposed Facility: *Residence* *Design Flow (.1949):* 480gpd
Property Size: 1.14a
Location of Site: 9212 Dogwoo Ridge Drive
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [x] 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	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-21	FILL		>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .25GPD/FT^2
		21-24	GR/SCL	FR/SEXP/SS/SP					
		24-48	SBK/ABK/SC	FI/SEXP/S/P					
2	"	0-18	FILL		"	"	"	"	"
		18-22	GR/CL	FR/SEXP/SS/SP					
		22-48	SBK/ABK/SC	FI/SEXP/S/P					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	"	28	"	"	US, IV .125GPD/FT^{2}LPP
		6-28	SBK/ABK/SC	FI/SEXP/S/P					
		28-48	M/CL	FR/SEXP/SS/SP					
4	"	0-3	GR/CL	"	>42" TO SOIL WETNESS	42+	"	"	US, IV .2GPD/FT^2
		3-35	SBK/ABK/SC	FI/SEXP/S/P					
		35-42	"	VFI/EXP/S/VP					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	>52" TO SOIL WETNESS	46	"	"	PS, IV .3GPD/FT^2
		4-46	SBK/ABK/C	FI/SEXP/S/P					
		46-52	M/CL	FR/SEXP/SS/SP					
6	"	0-4	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		4-11	SBK/SCL	"					
		11-48	SBK/C	FI/SEXP/S/P					

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

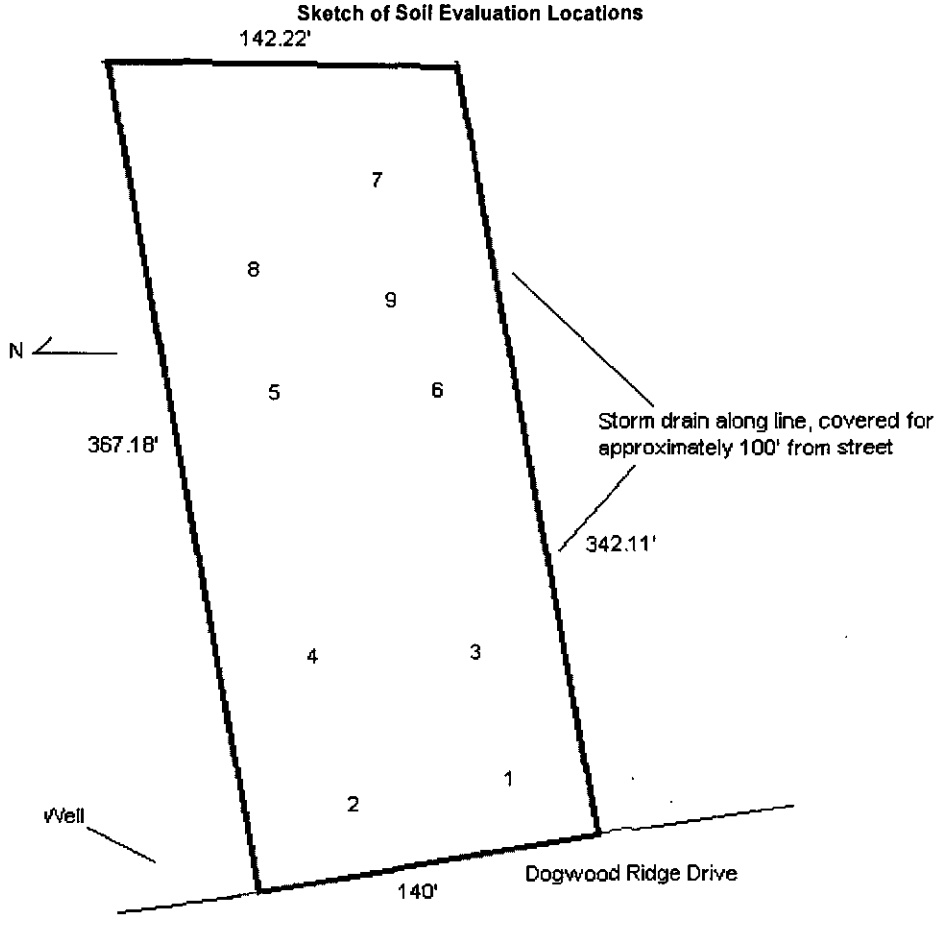
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 10/24/2007, W R Marlin
Others Present: D. Voronia
Site Classification (.1948):
Site Evaluation By:
Others Present:

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



SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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
7	LS, 6	0-4	GR/CL	FR/SEXP/SS/SP	>21" TO SOIL WETNESS	19	N/A	NONE	US, IV
		4-19	SBK/ABK/C	FI/SEXP/S/P					.125GPD/FT^2
		19-21	M/CL	FR/SEXP/SS/SP					
8	"	0-3	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV
		3-36	SBK/ABK/C	FI/SEXP/S/P					.3GPD/FT^2
		36-48	SBK/CL	FR/SEXP/SS/SP					
9	"	0-3	GR/CL	"	>38" TO SOIL WETNESS	38	"	"	"
		3-34	SBK/ABK/C	FI/SEXP/S/P					
		34-38	SBK/CL	FR/SEXP/SS/SP					
					SITE LTAR- PROFILES	5, 6, 8, 9	.3GPD/FT^2		
						1, 3, 4	.25GPD/FT^2		

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 11/26/07
Receipt #: 53773
Check / Auth #: CASH
Received By: CRAIGGY

Amount: 100.00
Tendered: 100.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: DAVID VORONIN
Attn:
Address: 9124 LEAH MEADOW LANE
Address:
City/State/Zip: MINT HILL, NC 28227

Item	Description	Permit#	Quantity	Unit Price	Total Price
0702	Optional Site Evaluations 9212 DOGWOOD RIDGE/FILE 2270B		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
[redacted]					

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

Sheet: 1 of 3
Property ID: 139-251-42
Lot #: 7
File #: 2270B
AppID: 2825

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Vikki D. Rose
Applicant: David Voroni
Address: Rr 1, Box 1B, Cottageville, WV, 25239
Date Evaluated: 10/24/07
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 1.14a
Location of Site: 9212 Dogwoo Ridge Drive
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [x] 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	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-21	FILL		>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .25GPD/FT^2
		21-24	GR/SCL	FR/SEXP/SS/SP					
		24-48	SBK/ABK/SC	FI/SEXP/S/P					
2	"	0-18	FILL		"	"	"	"	"
		18-22	GR/CL	FR/SEXP/SS/SP					
		22-48	SBK/ABK/SC	FI/SEXP/S/P					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	"	28	"	"	US, IV .125GPD/FT^{2}LPP
		6-28	SBK/ABK/SC	FI/SEXP/S/P					
		28-48	M/CL	FR/SEXP/SS/SP					
4	"	0-3	GR/CL	"	>42" TO SOIL WETNESS	42+	"	"	US, IV .2GPD/FT^2
		3-35	SBK/ABK/SC	FI/SEXP/S/P					
		35-42	"	VFI/EXP/S/VP					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	>52" TO SOIL WETNESS	46	"	"	PS, IV .3GPD/FT^2
		4-46	SBK/ABK/C	FI/SEXP/S/P					
		46-52	M/CL	FR/SEXP/SS/SP					
6	"	0-4	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		4-11	SBK/SCL	"					
		11-48	SBK/C	FI/SEXP/S/P					

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

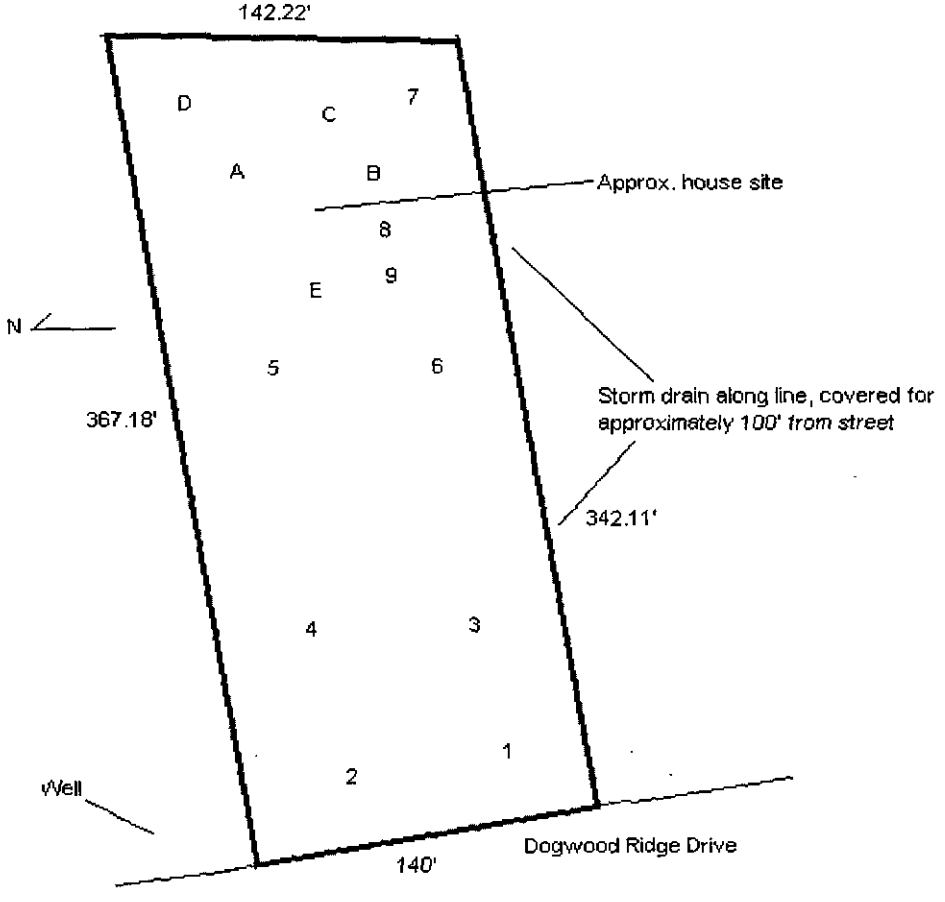
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 10/24/2007, W. R. Marlin
Others Present: D. Voronia
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:
100% repair, borings A-E made 12/14/07, WRM & D. Cornelius present

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

Sheet: 3 of 3
File #: 2270B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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
7	LS, 6	0-4	GR/CL	FR/SEXP/SS/SP	>21" TO SOIL WETNESS	19	N/A	NONE	US, IV
		4-19	SBK/ABK/C	FI/SEXP/S/P					.125GPD/FT^2
		19-21	M/CL	FR/SEXP/SS/SP					
8	"	0-3	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV
		3-36	SBK/ABK/C	FI/SEXP/S/P					.3GPD/FT^2
		36-48	SBK/CL	FR/SEXP/SS/SP					
9	"	0-3	GR/CL	"	>38" TO SOIL WETNESS	38	"	"	"
		3-34	SBK/ABK/C	FI/SEXP/S/P					
		34-38	SBK/CL	FR/SEXP/SS/SP					
	BORINGS	A-E	ON 12/14/07	LTAR .3GPD/FT^2	SITE LTAR- PROFILES	5, 6, 8, 9	.3GPD/FT^2	1, 3, 4-	.25GPD/FT^2
A	"	0-6	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		6-48	SBK/CL	FI/SEXP/S/P					.3GPD/FT^2
B	"	0-4	GR/CL	FR/SEXP/SS/SP	>47" TO SOIL WETNESS	47	"	"	PS, IV
		4-47	SBK/ABK/C	FI/SEXP/S/P					"
C	"	0-5	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	PS, IV
		5-47	SBK/ABK/C	FI/SEXP/S/P					.275GPD/FT2
D	"	0-4	GR/CL	FR/SEXP/SS/SP	>39" TO SOIL WETNESS	39	"	"	PS, IV
		4-39	SBK/ABK/C	FI/SEXP/S/P					.3GPD/FT^2
E	"	0-5	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	"
		5-39	SBK/ABK/C	FI/SEXP/S/P					
		39-46	SBK/ABK/CL-C	FRI-FISEXP/SS/SP					

FEE: _____ AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION
DATE: _____ VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

DATE: 6/9/99 PERMIT NO: 2270B
PARCEL NO: 139-25 Pt 1900

JOB LOCATION ADDRESS: 9212 DOGWOOD RIDGE LANE
PROPERTY OWNER: CLARK HOMES
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: DOGWOOD RIDGE LANE LOT #7
AUTHORIZATION ISSUED BY: Donna Axell DATE: 6/9/99
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2270 B, 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 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 AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: _____

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

X _____
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 20208

Tax Number: 137-251-15-10

- 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	X No	___ Partial Basement
Type Primary Wastewater System Type (circle one): I II III IV V VI	X 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	360 Max gallons/day wastewater flow	800 Absorption Area (sq ft)	6' Trench spacing (min. on centers)
WFS Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	30" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
3 Bedrooms in residence	___ Gallon pump tank	12' Depth of stone	
Any surface waters present:	Type:	Minimum separation distance:	
Site modifications required:			
Additional Conditions: SEE PLOT PLAN			
Repair Area System Type Type (circle one): I II III IV V VI	X 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
800 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	12" Depth of Stone Trench	9' Trench spacing (min. on centers)	24" 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.

DEHNR Authorized Agent — Date 6/9/99

X ___ 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

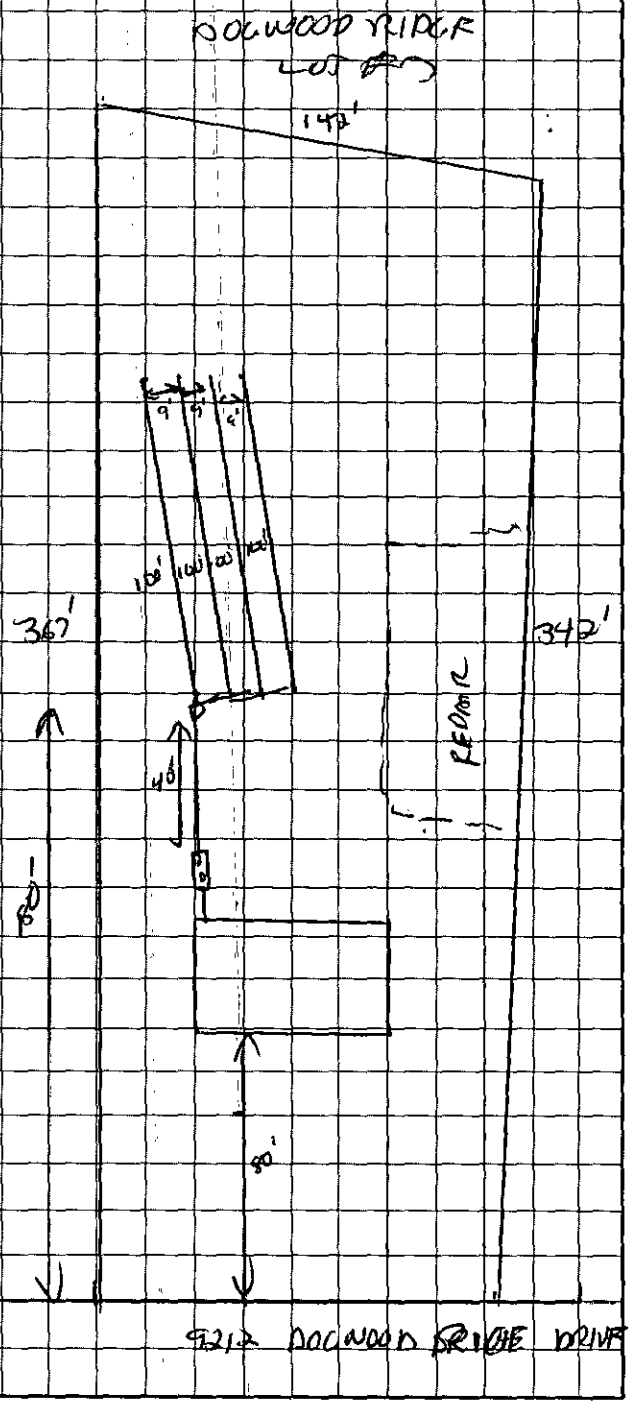
FILE: 2220 B

TC: 139-251-1418

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.

SCALE 1" = 60'

1. LOCATE ALL PARTS OF SEPTIC TANK SYSTEM 100' FROM ALL WELLS
2. INSTALL DRAIN LINES SHALLOW 30" AND ON CONTOUR
3. BUILDING CONTRACTOR TO CONTACT R.H.S. PRIOR TO INSTALLING ONSITE WASTEWATER SYSTEM AND WELL SYSTEM



X
OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE 6-9-99

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

PROPOSED PLOT PLAN

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

FILE: 2070 B

TC: 139-251-19 16

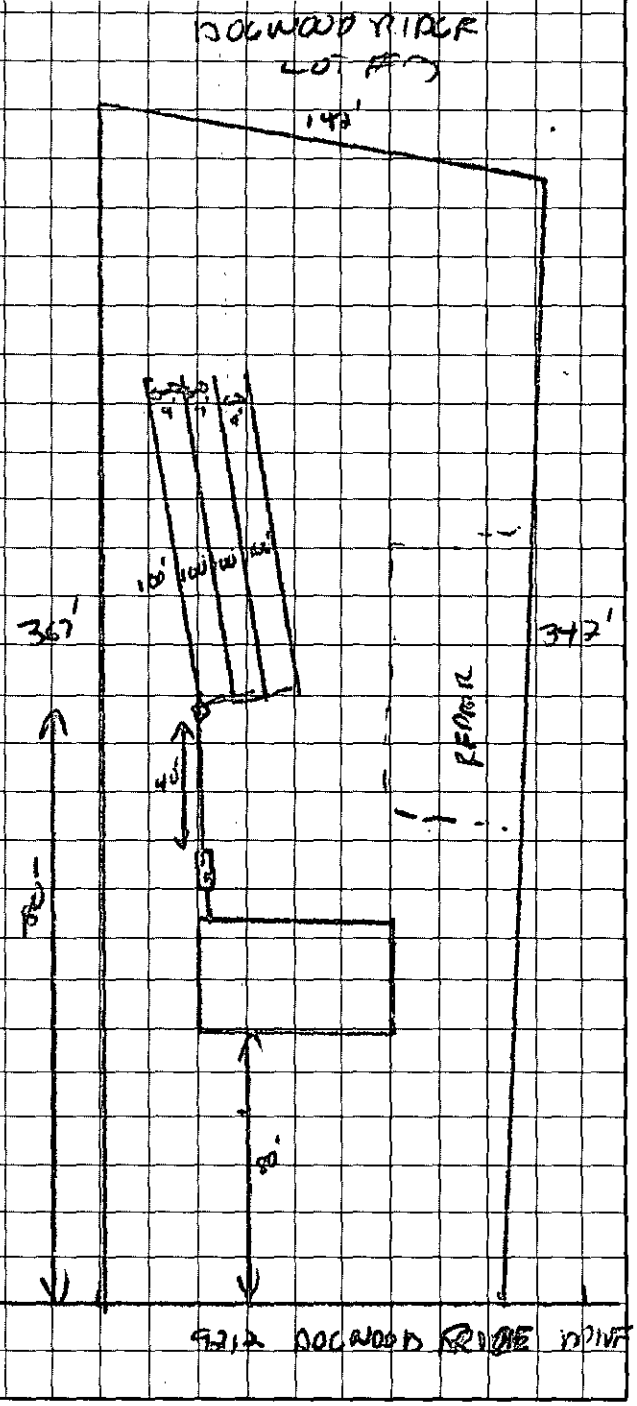
Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

SCALE 1" = 60'

DOGWOOD RIDGE

LOT #7

1. LOCATE ALL PARTS OF SEPTIC TANK SYSTEM 100' FROM ALL WELLS
2. INSTALL DRAIN LINES SHALLOW 30" AND ON CONTOUR
3. BUILDING CONTRACTOR TO CONTACT E.H.S. PRIOR TO INSTALLING ONSITE WASTEWATER SYSTEM AND WELL SYSTEM



APPROVAL DATE 6-9-99

OWNER/AGENT SIGNATURE

DATE

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

DATE 5/27/99

TO: CHARLOTTE-MECKLENBURG BUILDING STANDARDS
PERMIT ISSUING SECTION

FROM: MECKLENBURG COUNTY ENGINEERING

JURISDICTION Mint

139 251 19 po
PARCEL NUMBER

9212 Dogwood Ridge Dr
ASSIGNED STREET ADDRESS (ADDRESS OF RECORD)

EXISTING STREET ADDRESS (IF DIFFERENT FROM ASSIGNED)

Clay Hucks Minor S/D
PROJECT NAME (IF APPLICABLE)

16 11

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

1. SUBDIVISION REGULATIONS	_____APPROVED	_____NOT APPROVED
2. FLOODWAY REGULATIONS	_____APPROVED	_____NOT APPROVED
3. WATERSHED PROTECTION	_____APPROVED	_____NOT APPROVED
4. COMMERCIAL DRAINAGE PLAN	_____APPROVED	_____NOT APPROVED
5. PUBLIC UTILITY EASEMENT	_____PRESENT	_____NOT PRESENT
6. PROPERTY FRONTS ON THOROUGHFARE	_____YES	_____NO
7. DRIVEWAY PERMIT REQUIRED	_____YES	_____NO
8. DOES PROJECT CONFLICT WITH ROAD PROJECT?	_____YES	_____NO

REMARKS: _____

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE WHEN PAYING PERMIT FEE. CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

ALL OTHER FORMS OBSOLETE

☐ NEW ADDRESS

SIGNED Charles J. Dial III

REVISED 1/91

PD 100% Blt # B42960 5/7/99 gc

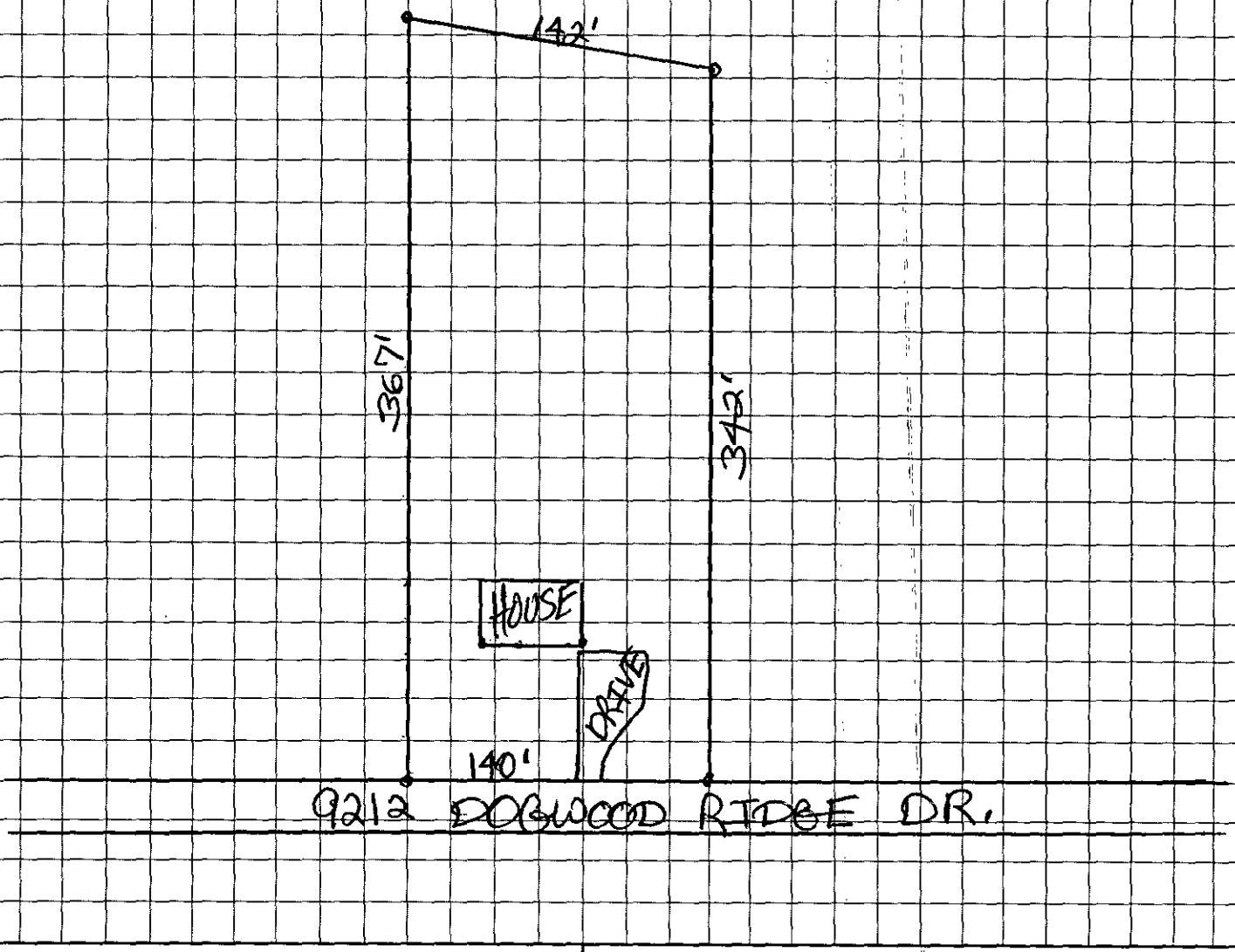
PROPOSED PLOT PLAN

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

FILE: 2270B

TC: 137-251-1900

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.



OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

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

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: Yuba

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

2 2270A
PO 139-251-26 LT

OWNER: Clay Nichols Assn. APPLICANT: _____
ADDRESS: 4231 Kendallton Meadow Dr. APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd/ PROPERTY SIZE: 1.07
LOCATION OF SITE: Dogwood Ridge Dr. PROPERTY RECORDED: _____
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 2-8% .1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAI
1	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	36" TO soil wetness	36"	N/A	None	PS .25gpd/ft² IV
		4-36"	SAMIC	Fi/SEXP/SP					
2	LS	0-3"	gr/cl	Fr/SEXP/SS/SP	35" TO soil wetness	35"	N/A	None	US .25gpd/ft² IV
		3-35"	SAMIC	Fi/SEXP/SP					
3	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	36" TO soil wetness	38"	N/A	None	US
		4-23"	SAMIC	Fi/SEXP/SP					
		23-38"	SAMIC	VF/EXP/US/VP					
4	LS	0-5"	gr/cl	Fr/SEXP/SS/SP	46" TO soil wetness	46"	N/A	None	PS IV .13gpd/ft²
		5-46"	SAMIC	Fi/SEXP/SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____ 10-31-97
OTHER(S) PRESENT: _____

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: _____

2210 B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	LS	0-10"	gr/sl	Fr/SEXP/SS/SO	7½" TO SOIL WETNESS	32"	N/A	None	IV US .29/F2
		10-32"	SBK/C	Fi/SEXP/SLO					
6	LS	0-4"	gr/sl	Fr/SEXP/SS/SO	7½" TO SOIL WETNESS	24"	N/A	None	US IV
		4-24"	SBK/C	Fi/SEXP/SLO					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: 1007 Repair

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

OTES

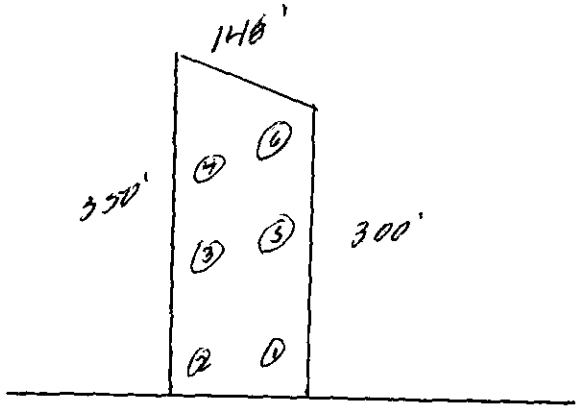
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designatic
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.

ong-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

N



Dogwood Ridge
Or.

FEE: 100.00 Ck# 3763
DATE: 10/13/97

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ✓ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

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

FILE #: ~~139-251-28~~ 2270 B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 139-251-28 PP

STREET ADDRESS: 9340 DOGWOOD RIDGE

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: (28) LOT 7

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
✓ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
__ 7 MINT HILL

HEATED SQUARE FOOTAGE: 1400

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C)
__ MUNICIPAL (M)
✓ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES __ YES ✓ NO
EXISTING WASTEWATER SYSTEMS __ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS __ YES ✓ NO
WELL, SPRINGS OR WATERLINES __ YES ✓ NO
DESIGNATED WETLANDS __ YES ✓ NO

PROPERTY OWNER: Clay Hucks

NAME: Hucks (LAST) Clay (FIRST) E (MI)

ADDRESS: 14231 Kenbelton Meadow Dr

CITY: Cher STATE: NC ZIP: 28227

DAYTIME PHONE: 704 545-0167

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) --

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 10-30-97

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 agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Clay Hucks DATE: 10-13-97

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

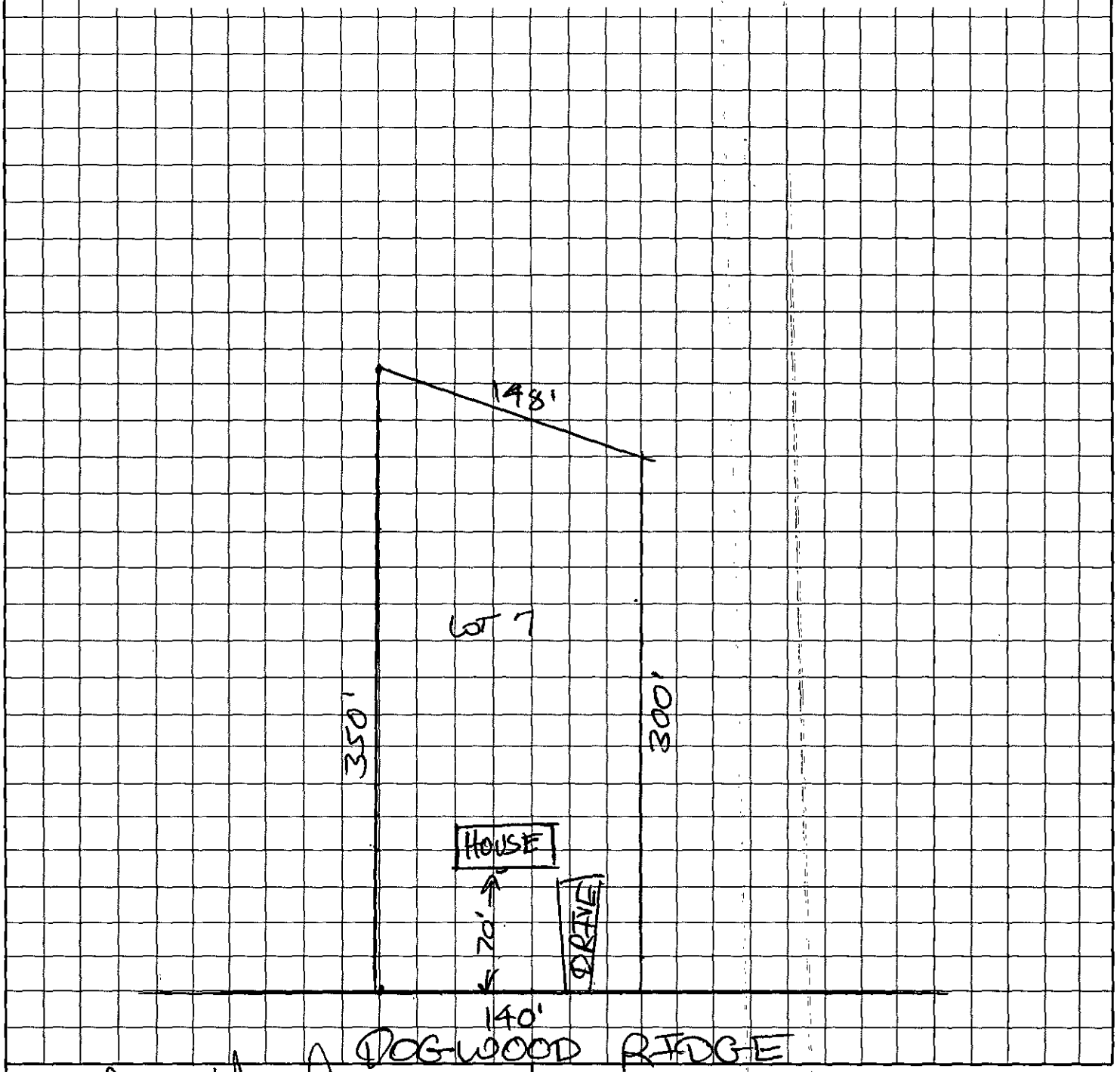
PROPOSED PLOT PLAN

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

FILE: 22706

TC: 139-251-28 pd

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.



OWNER/AGENT SIGNATURE Alan Heath

DATE 10-13-97

APPROVAL DATE _____

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