

5936 SIMPSON RD

03323104

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2362 B DATE: 3/18/99

TC: 033-086-15 ☒ L ☒ CRT

SERIAL Nº 17999

Name of Owner Rickey Lane Elliott Juris.: Charlotte

Address of Property 5936 Simpson Rd

Inspection Data:

Tank Material P.C.C.

Total Length of Drainfield 400 ft

Number of Lines 4 @ 100 ft

Cover Depth 12-18 inches

Water Supply Source Well

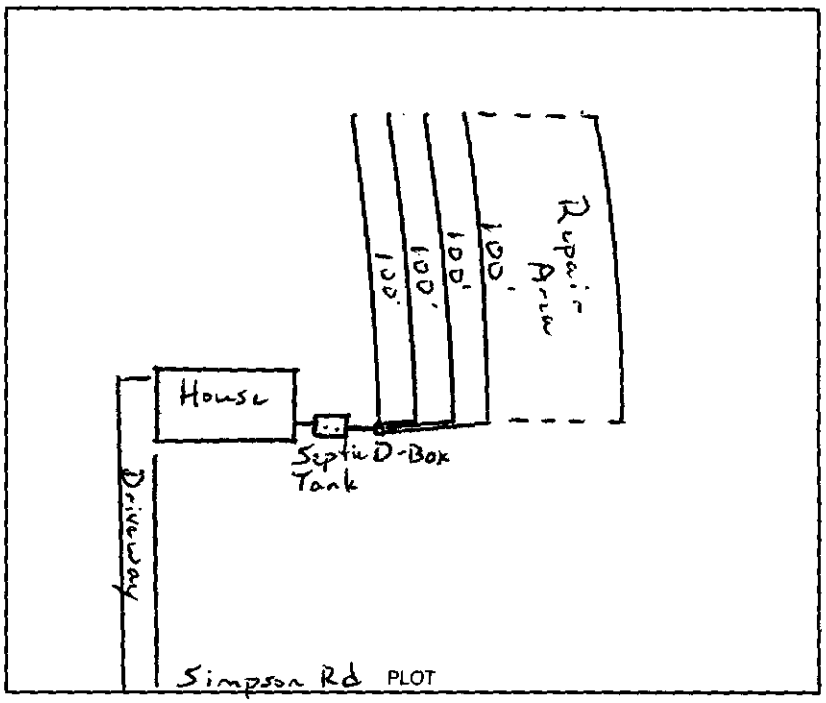
Distance to Water Source >100 ft

Excavation Inspected 3/18/99

Tank(s) Inspected 3/18/99

Wash Line Inspected N/A

High Water Alarm Inspected N/A



Design 1500 S.T., Mod., 1200 S.F., T, 12 G. CTR# W.C. Christenbury

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 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This 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 15A NCAC 18A. 1990 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/revocation of this permit.

COMMENTS: Designed for a 3 bdrm residence Type II. Saprolite System. Type II Saprolite system repair

Jeff A. Knight
Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

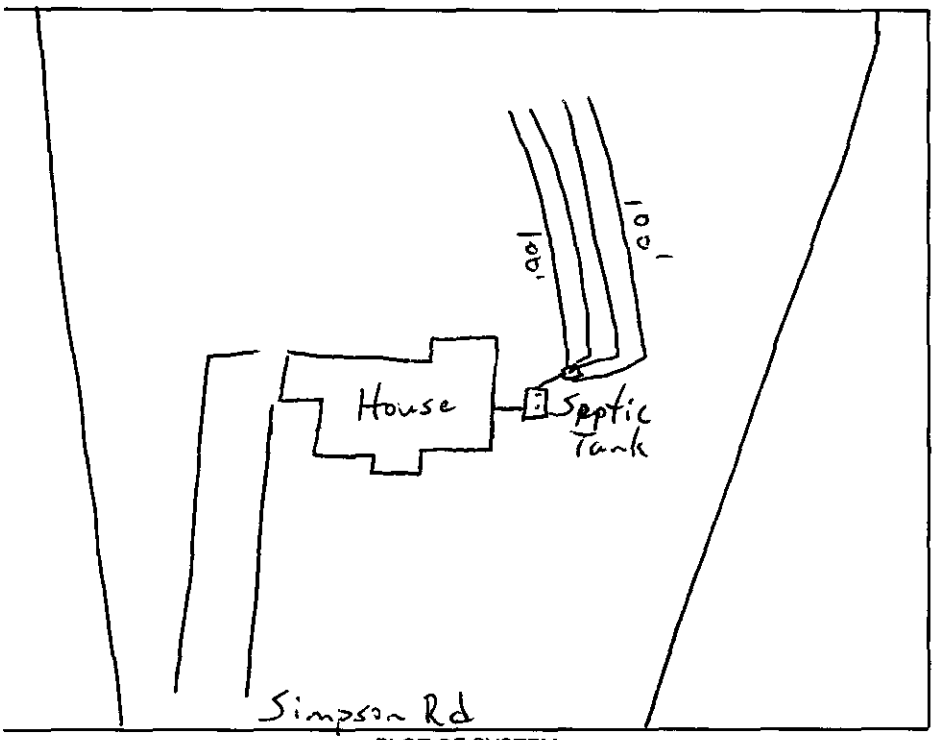
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2362 B DATE: 3/15/99

TC: 033-086-15 ☒ L

SERIAL No 17920

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 1/14/98. All work shall be completed on or before April 15, 1999, after which date this permit 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 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 N/A gallons

Tank Construction P.C.C.

Trench Depth 24" minimum

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous Yes

Total Line Length 400 feet

Number of Lines 4

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 100 feet

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

NAME OF OWNER Ricky Elliott

LOCATION OF PROPERTY 5936 Simpson Rd

Comments: 1) Keep lines level and on Contour 2) Keep trenches at least 24" minimum.

Jeff A. Knight
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

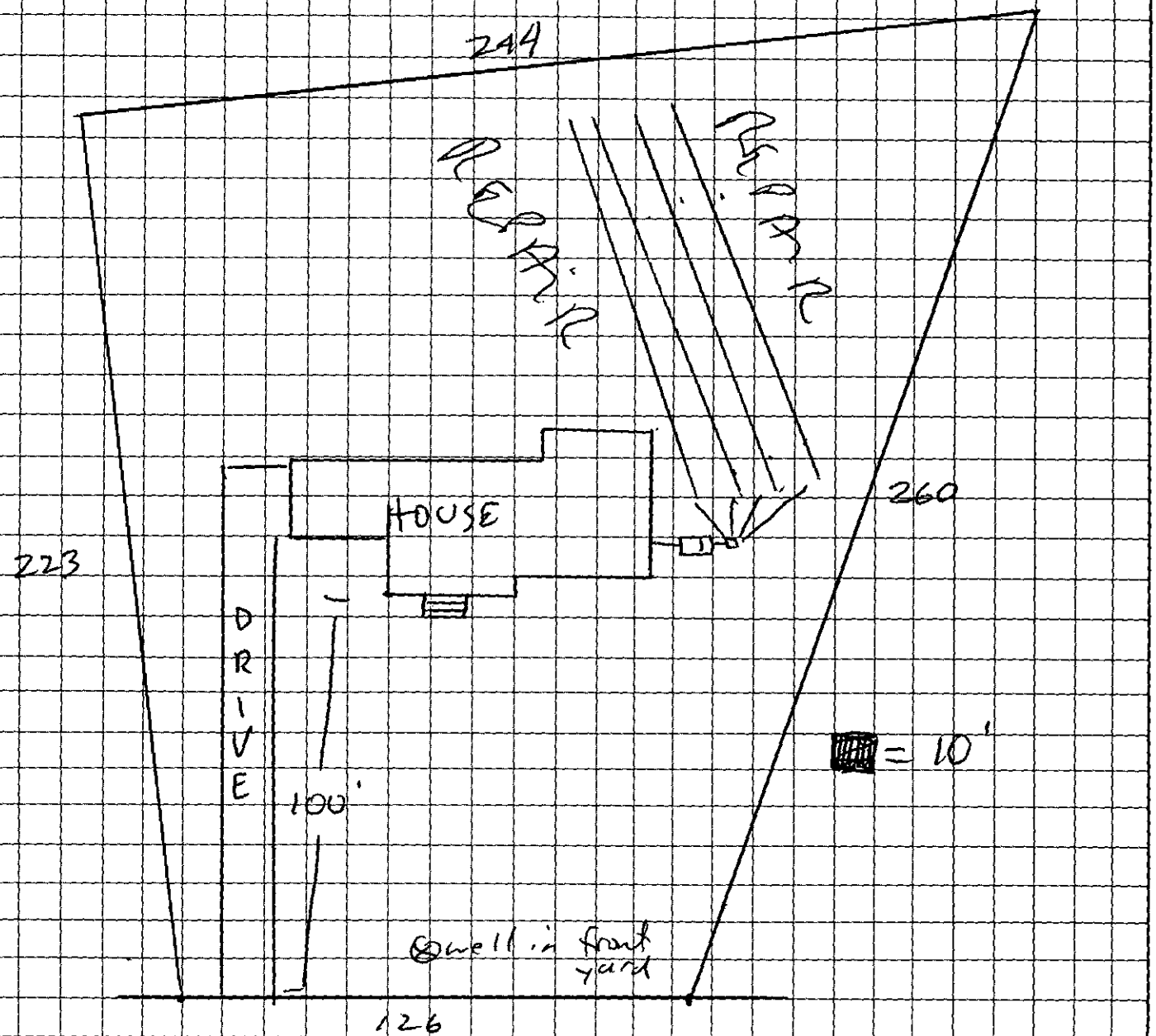
PROPOSED PLOT PLAN

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

FILE: 2362-B

TC: 033-086-15

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.



X Ruby J Elliott
OWNER/AGENT SIGNATURE

DATE May 4 1998

APPROVAL DATE 4-30-98

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

CHARGE

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

Charge Slip

Date: 7-31-98

Name/Company: Ricky Elliott

Sanitation _____

Vector Control _____

IWWS ✓

ce: Installation Approval + O.P. fee for 5936 Simpson Rd

Fee: $ 100.00 gt 1/31/98 #1092

10:30 5693
Simpson Rd
~~5396~~ 5396
Rick Elliott 2362B
(L) Oakdale
Simpson Rd

NOTICE:

A processing fee of $20.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

S Bateman RS
Completed by

Collected by

Permit Number: 2362-B

CONDITIONS OF IMPROVEMENT PERMIT

Tax Number: 033-096-15

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 SAPROLITE SYSTEM	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.3 Long-term acceptance rate	360 Max gallons/day wastewater flow	1200 Absorption Area (sq ft)	9 Trench spacing (min. on centers)	
Yes Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	24" ~~Maximum~~ Minimum 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: - lot reclassified Under .1956 (6) Saprolite tested by S & M.E., INC. see report dated April 14-1998 - agreement terms must be executed and recorded prior to installation approval				
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 SAPROLITE SYSTEM	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
1200 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	12" Depth of Stone Trench	9 Trench spacing (min. on centers)	24" ~~Maximum~~ Minimum 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: 4-30-98

Owner/Agent Signature — Date: MAY 4 1998

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

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
1999 MAR 22 09:16 AM
BOOK: 10334 PAGE: 607-610 FEE $12.00
INSTRUMENT # 1999049860

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 2362-B
PARCEL # 033-086-15

The undersigned, Rickey Lane Elliott, owner of property located at 5936 Simpson Rd Charlotte NC 28216, (the "site") and described in an instrument recorded in Book 8144 at Page 14, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (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 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested 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 is allowed by the rules; 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 the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, 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 acknowledges that the following conditions will apply to the site:

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

This instrument was prepared by: Rickey Lane Elliott
Mail after recording to: 5936 Simpson Rd Char N.C. 28216

- 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.

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.

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.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 18 day of MARCH, 1999.

_____ _____ (SEAL)

~~(Corporate Name)~~

_____ (SEAL)

~~By:~~ Rickey Lane Elliott _____ (SEAL)

~~President~~ _____ (SEAL)

~~ATTEST~~:

_____

~~Secretary~~

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, Bobbie S. Chambers, a Notary Public for said County and State, do hereby certify that Rickey Lane Elliott personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 18 day of March, 1999.

Bobbie S. Chambers
Notary Public

My Commission Expires:
9-7-03

BOBBIE S. CHAMBERS NOTARY PUBLIC MECKLENBURG COUNTY, N.C.

RBCWM:24751_1/8-30-95

JUDITH A. GIBSON
REGISTER OF DEEDS , MECKLENBURG COUNTY
COUNTY & COURTS OFFICE BUILDING
720 EAST FOURTH STREET
CHARLOTTE NC 28202

****

Filed For Registration: 03/22/1999 09:16 AM

Book: RE 10334 Page: 607-610

Document No.: 1999049860

AGMT 4 PGS $12.00

Recorder: REBECCA MCGOWAN

****

State of North Carolina, County of Mecklenburg

The foregoing certificate of BOBBY S. CHAMBERS Notary is certified to be correct. This 22 ND of March 1999

JUDITH A. GIBSON, REGISTER OF DEEDS By: Rebecca McGowan
Deputy/Assistant Register of Deeds

****

1

1999049860

CK# 1086 pd $100 7-31-98 for installation + Op Permit fee check # 1092

FEE: 100.00 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: 7/16/98 **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 4-30 98 **PERMIT NO:** 2362-B
PARCEL NO: 033-086-15
JOB LOCATION ADDRESS: 5936 SIMPSON ROAD
PROPERTY OWNER: Rickey Lane Elliott
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: _____
AUTHORIZATION ISSUED BY: _____ **DATE:** 4-30-98
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2362-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: - lot reclassified under .1956(6) - Saprolite tested by S. & M. E, Inc - see report dated April 14 1998 - agreement forms must be executed and recorded prior to installation approval

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 Rickey L Elliott — MAY 4 1998
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE — DATE

FEE: 100.00 Cash
DATE: 1/14/98 SC

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

1/30/98 Saprolite Test
$75.00
Chk # 1006
I/ I CRT

TYPE APPLICATION: X 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 #: 2362B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 033-086-15

STREET ADDRESS: 5936 Simpson Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1740

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON SLAB
X 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 X NO TYPE: _____

WATER SUPPLY (CHECK ONE):
__ COMMUNITY (C)
__ MUNICIPAL (M)
X 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 X NO
EXISTING WASTEWATER SYSTEMS __ YES X NO
EASTMENTS OR RIGHT-OF-WAYS __ YES X NO
WELL, SPRINGS OR WATERLINES __ YES X NO
DESIGNATED WETLANDS __ YES X NO

PROPERTY OWNER:

NAME: Elliott (LAST) Rickey (FIRST) LANE (MI)

ADDRESS: 5936 Simpson Rd

CITY: Charlotte STATE: NC ZIP: 28216

DAYTIME PHONE: 704 336-3249 598-6518

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? Nov 14 1978

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: Rickey J Elliott DATE: 1-14-98

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

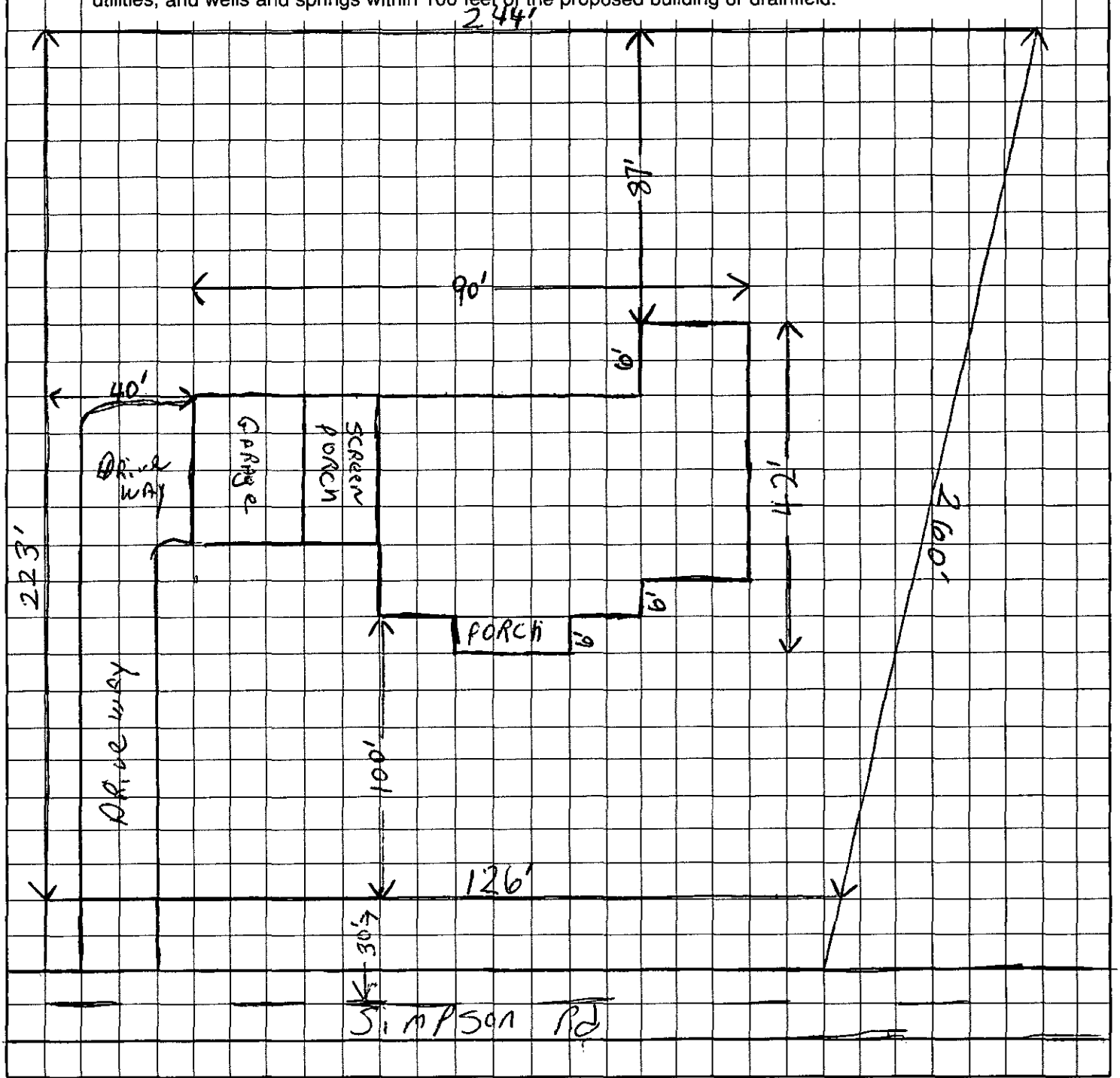
PROPOSED PLOT PLAN

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

FILE: 2362B

TC: 033-086-15

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.



Ruby F Elliott
OWNER/AGENT SIGNATURE

DATE 1-14-98

APPROVAL DATE _____

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

File 23C2B

S&ME

April 14, 1998

Rick Elliott
5936 Simpson Road
Charlotte, North Carolina 28216

Attention: Mr. Rick Elliott

Reference: **RESULTS OF LABORATORY TESTING**
Potential Septic Drain Field Soils
5936 Simpson Road
Charlotte, North Carolina
S&ME Project No. 1351-98-262

Gentlemen and Ladies:

S&ME, Inc. has completed the limited laboratory testing services for the referenced site in Charlotte, North Carolina. The limited testing services were performed in general accordance with our Proposal No. 1351-7295-98, dated April 6, 1998. Authorization to proceed with the laboratory testing was verbally provided by Mr. Elliott.

Two bag samples were provided to S&ME by Mr. Elliott on March 27, 1998, when Mr. Elliott requested the laboratory tests. The limited laboratory tests conducted include one (1) specific gravity and grain-size distribution (hydrometer) from each of the samples provided to us. The samples were identified as #1, Lower Hole and #2, Upper Hole. Based on the laboratory test results, the percent clay in sample #1 is 33%, and is 24% in sample #2. The laboratory test results are attached to this letter.

Recycled Paper

S&ME, Inc. appreciates the opportunity to assist you during this phase of the project. If you have any questions concerning this letter or if we may be of further assistance, please contact us.

Very truly yours,

S&ME, Inc.

Fred Van Tassel, E.I.T.
Staff Professional

J. Reid Owen, P.E.
Geotechnical Department Manager

FVT/JRO/tc

Enclosures:
Laboratory Procedures
Grain Size Distribution, S-1 and S-2

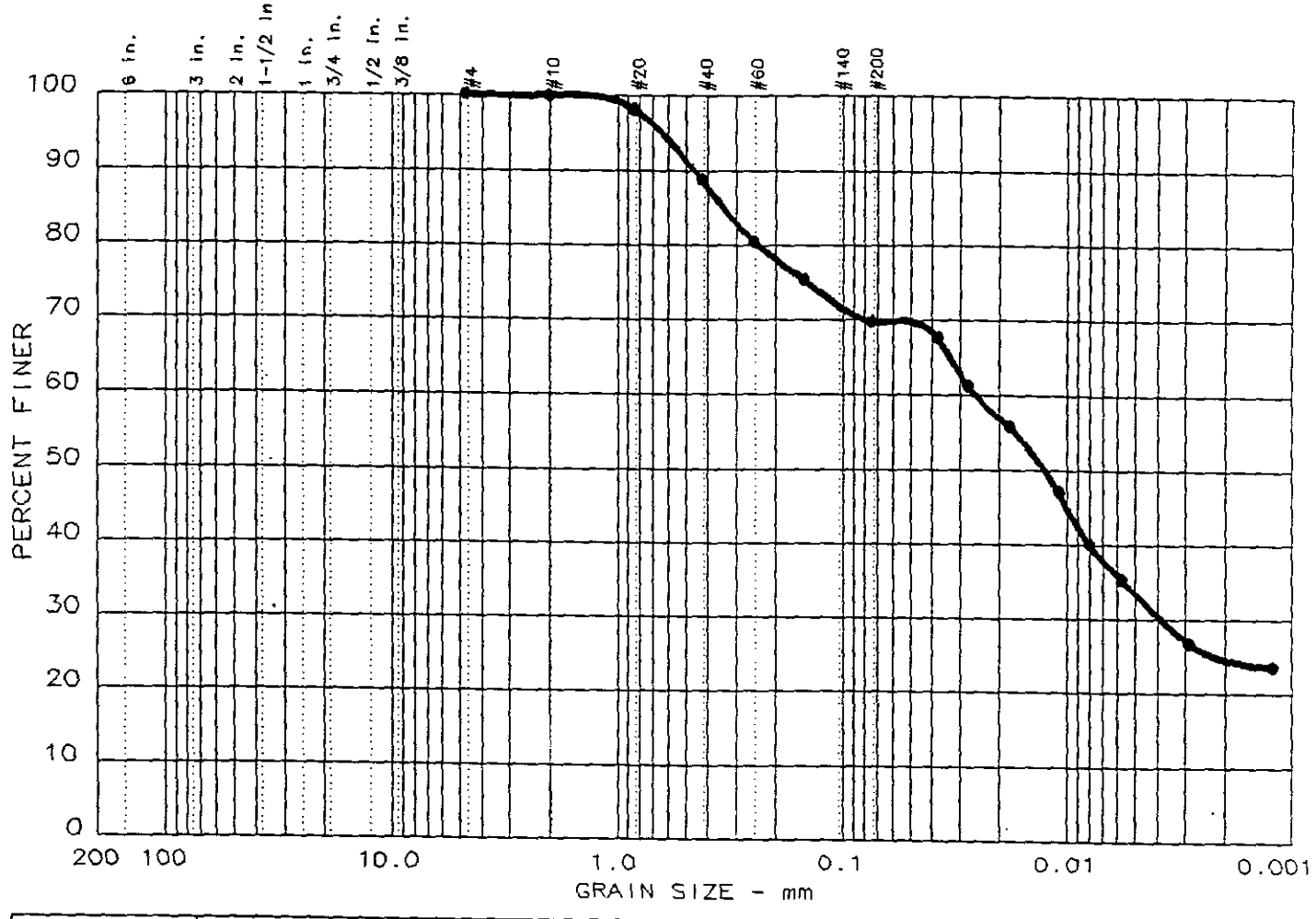
cc: Mr. William R. Marlin, C.P.S.S.
Mecklenburg County Government

LABORATORY PROCEDURES

Grain Size Test: Grain size tests were performed to determine the particle size and distribution of the samples tested. The grain size distribution of soils coarser than a No. 200 sieve was determined by passing the samples through a set of nested sieves. The soil particles that passed the No. 200 sieve were suspended in solution and the grain size distribution determined from the rate of settlement. The results are presented on the attached Grain Size Distribution Sheets.

Specific Gravity: The specific gravity of the permeability test samples was determined. The specific gravity is the ratio of the weight, in air, of a given volume of soil particles to the weight in air, of an equal volume of water. This test conducted in accordance with ASTM Designation D-854-58. The results of the test are presented on the attached Grain Size Distribution Sheets.

GRADATION ANALYSIS



	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	0.0	0.0	30.3	36.3	33.4

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.34		0.01	0.004				

MATERIAL DESCRIPTION	USCS	AASHTO
● TAN ORANGE SANDY CLAYEY SILT	ML	

Project No.: 1351-98-262
Project: SHUFFLETOWN
● Location: #1 LOWER HOLE

Date: 4/8/98

Remarks:

SPECIFIC GRAVITY 2.69

GRADATION ANALYSIS

S&ME

Figure No. #1

GRAIN SIZE DISTRIBUTION TEST DATA Test No.: 1

Date: 4/8/98
Project No.: 1351-98-262
Project: SHUFFLETOWN

Sample Data

Location of Sample: #1 LOWER HOLE
Sample Description: TAN ORANGE SANDY CLAYEY SILT
USCS Class: ML Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: SPECIFIC GRAVITY 2.69

Fig. No.: #1

Mechanical Analysis Data

	Initial
Dry sample and tare=	434.46
Tare =	0.00
Dry sample weight =	434.46

Sample split on number 10 sieve
Split sample data:
Sample and tare = 65 Tare = 0 Sample weight = 65
Cumulative weight retained tare= 0
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
# 4	0.00	100.0
# 10	0.33	99.9
# 20	1.19	98.1
# 40	7.24	88.8
# 60	12.68	80.4
# 100	16.03	75.3
# 200	19.65	69.7

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.9
Weight of hydrometer sample: 65
Hygroscopic moisture correction:
Moist weight & tare = 27.49
Dry weight & tare = 27.12
Tare = 15.29
Hygroscopic moisture= 3.1 %
Calculated biased weight= 63.08

Table of composite correction values:

Temp, deg C:	22.0	23.0	23.5
Comp. corr:	- 5.0	- 5.0	- 5.0

Meniscus correction only= 1
Specific gravity of solids= 2.69
Specific gravity correction factor= 0.991
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

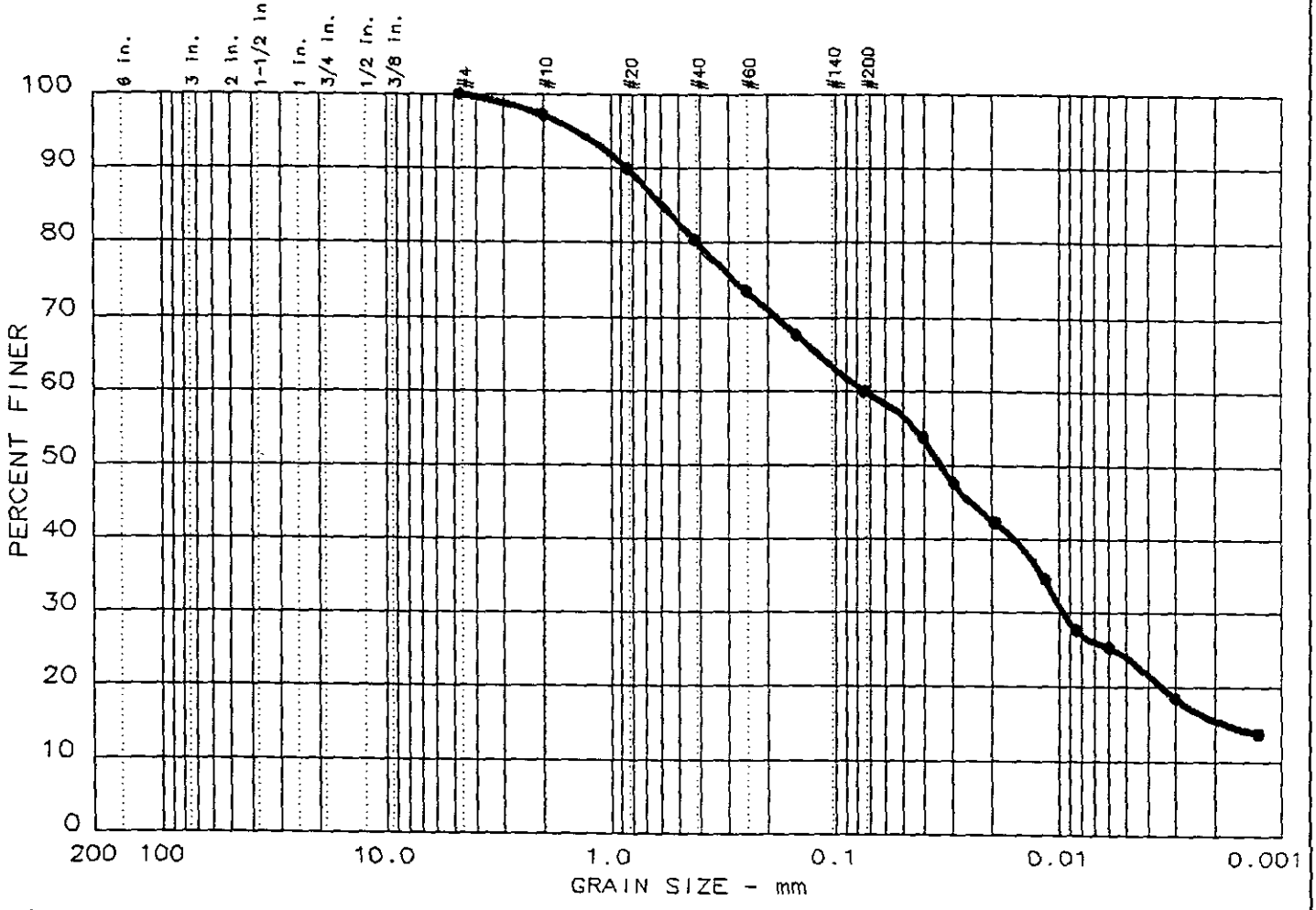
Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
1.0	22.0	48.0	43.0	0.0132	49.0	8.3	0.0378	67.6
2.0	22.0	44.0	39.0	0.0132	45.0	8.9	0.0278	61.3
5.0	22.0	40.5	35.5	0.0132	41.5	9.5	0.0181	55.8
15.0	22.0	35.0	30.0	0.0132	36.0	10.4	0.0109	47.1
30.0	22.0	30.5	25.5	0.0132	31.5	11.1	0.0080	40.1
60.0	22.0	27.5	22.5	0.0132	28.5	11.6	0.0058	35.4
250.0	23.0	22.0	17.0	0.0130	23.0	12.5	0.0029	26.7
1440.0	23.5	20.0	15.0	0.0129	21.0	12.9	0.0012	23.6

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 30.3
% SILT = 36.3 % CLAY = 33.4

D85= 0.34 D60= 0.026 D50= 0.012
D30= 0.0038

GRADATION ANALYSIS



	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	0.0	0.0	40.0	36.0	24.0

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.59		0.03	0.010	0.0018			

MATERIAL DESCRIPTION	USCS	AASHTO
● ORANGE TAN SANDY CLAYEY SILT	ML	

Project No.: 1351-98-262
Project: SHUFFLETOWN
● Location: #2 UPPER HOLE

Date: 4/8/98

GRADATION ANALYSIS

S&ME

Remarks:

SPECIFIC GRAVITY 2.68

Figure No. #2

GRAIN SIZE DISTRIBUTION TEST DATA Test No.: 2

Date: 4/8/98
Project No.: 1351-98-262
Project: SHUFFLETOWN

Sample Data

Location of Sample: #2 UPPER HOLE
Sample Description: ORANGE TAN SANDY CLAYEY SILT
USCS Class: ML Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: SPECIFIC GRAVITY 2.68

Fig. No.: #2

Mechanical Analysis Data

	Initial
Dry sample and tare=	457.86
Tare =	0.00
Dry sample weight =	457.86

Sample split on number 10 sieve
Split sample data:
Sample and tare = 65 Tare = 0 Sample weight = 65
Cumulative weight retained tare= 0
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
# 4	0.00	100.0
# 10	13.34	97.1
# 20	4.81	89.9
# 40	11.28	80.2
# 60	15.79	73.5
# 100	19.70	67.7
# 200	24.83	60.0

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 97.1
Weight of hydrometer sample: 65
Hygroscopic moisture correction:
Moist weight & tare = 28.51
Dry weight & tare = 28.08
Tare = 16.04
Hygroscopic moisture= 3.6 %
Calculated biased weight= 64.64

Table of composite correction values:
Temp, deg C: 22.0 23.0 23.5
Comp. corr: - 5.0 - 5.0 - 5.0
Meniscus correction only= 1
Specific gravity of solids= 2.68
Specific gravity correction factor= 0.993
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
1.0	22.0	40.0	35.0	0.0132	41.0	9.6	0.0408	53.8
2.0	22.0	36.0	31.0	0.0132	37.0	10.2	0.0298	47.6
5.0	22.0	32.5	27.5	0.0132	33.5	10.8	0.0194	42.3
15.0	22.0	27.5	22.5	0.0132	28.5	11.6	0.0116	34.6
30.0	22.0	23.0	18.0	0.0132	24.0	12.4	0.0085	27.7
60.0	22.5	21.5	16.5	0.0131	22.5	12.6	0.0060	25.4
250.0	23.0	17.0	12.0	0.0130	18.0	13.3	0.0030	18.4
1440.0	23.5	14.0	9.0	0.0130	15.0	13.8	0.0013	13.8

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 40.0
% SILT = 36.0 % CLAY = 24.0

D85= 0.59 D60= 0.075 D50= 0.033
D30= 0.0095 D15= 0.00

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

400 #3

2362A

033-086-15

OWNER: Ricky L. Elliot APPLICANT: _____

ADDRESS: 5936 Simpson Road Mars APPLICATION DATE: _____ DATE EVALUATED: _____

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: 1.0

LOCATION OF SITE: Simpson Road PROPERTY RECORDED: _____

WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____

EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	slopes 5-10% .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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS	0-3"	gr/scl	Fr/SE/SP/SS/SP	>25" TO soil wetness	25"	N/A	None	US
		3-14"	SBK/E	VFi/Exp/NS/VP					
		14-25"	M/C	VFi/Exp/NS/VP					
2	LS	0-4"	gr/sl	Fr/SE/SP/NS/VP	>25" TO soil wetness	29"	N/A	None	US
		4-15"	SBKl scl	Fr/SE/SP/SS/SP					
		15-29"	SBKl SC	VFi/Exp/NS/VP					
3	LS	0-4"	gr/scl	Fr/SE/SP/SS/SP	>22" TO soil wetness	22"	N/A	None	US IV
		4-22"	WSBK/C	Fi/SE/SP/SP					
4	LS	0-2"	gr/cl	Fr/SE/SP/SS/SP	>17" TO soil wetness	17"	N/A	None	US IV
		2-17"	SBK/C	Fi/SE/SP/SP					
5	LS	0-3"	gr/cl	Fr/SE/SP/SS/SP	>16" TO soil wetness	16"	N/A	None	US IV
		3-16"	M/C	Fi/SE/SP/SP					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): unsuitable

EVALUATED BY: W.A. Marlin 1-27-98

OTHER(S) PRESENT: LSS

COMMENTS: Does not require Mtn Rem

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)			MOIST	WET
(Ridge)		SCL (Sandy Clay Loam)				
(Shoulder Slope)		SLC (Silt Loam Clay)			VFR (Very Friable)	NS (Non-sticky)
(Terrace)					FR (Friable)	SS (Slightly Sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FI (Firm)	S (Sticky)
		SIC (Silty Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					EFI (Extremely Firm)	NP (Non-plastic)
		O (Organic)	None			SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

OTES

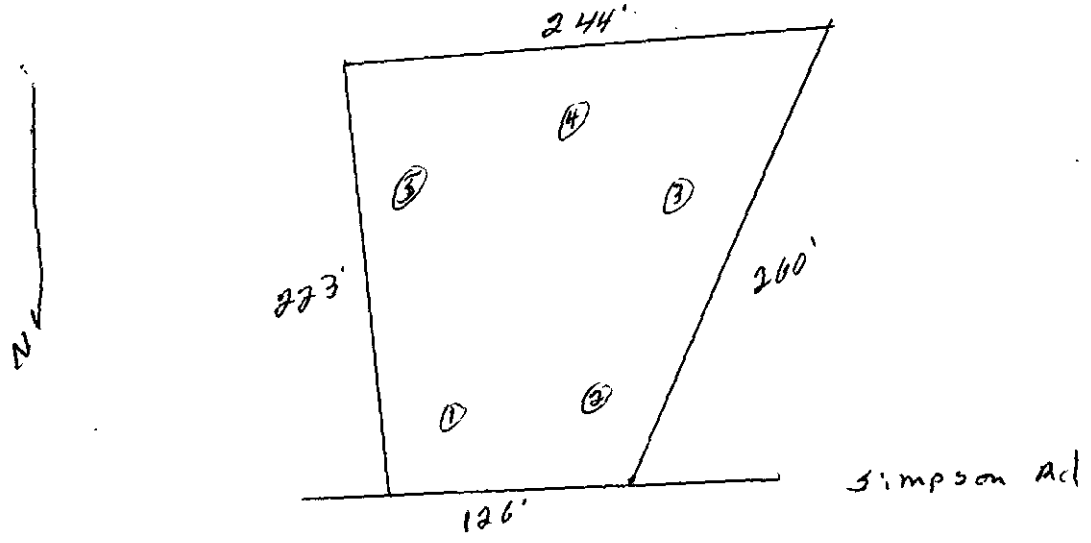
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
PROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - 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).

23628



N-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#2- 23623

033-086-15

OWNER: Rickey L. Ebbert APPLICANT: _____

ADDRESS: 5936 Simpson Rd, Eden APPLICATION DATE: _____ DATE EVALUATED: _____

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd / PROPERTY SIZE: 2.0

LOCATION OF SITE: 5936 Simpson Rd PROPERTY RECORDED: _____

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ Other _____

EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut Sapprolite ent

TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 5-10% .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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS	0-8"	gr/sl	Fr/SEXP/SS/SP	>56" TO 50:1 WETNESS	58"	US	None	US
		8-16"	SBK/C	VFi/EXP/VS/VP					
		16-58"	M/C	Fr/SEXP/SS/SP					
2	LS	0-10"	gr/sl	Fr/SEXP/SS/SP	>60" TO 50:1 WETNESS	60"	US	None	US
		10-31"	SBK/C	VFi/EXP/VS/VP					
		31-60"	M/SCL	Fr/SEXP/SS/SP					
3	LS	0-6"	gr/scl	Fr/SEXP/SS/SP	>60" TO 50:1 WETNESS	60"	US	None	US
		6-24"	SBK/C	Fi/SEXP/S/P					
		24-60"	M/CL	Fr/SEXP/SS/SP					
4	LS	0-3"	gr/scl	Fr/SEXP/SS/SP	>60" TO 50:1 WETNESS	60"	US	None	US
		3-11"	SBK/C	Fi/SEXP/S/P					
		11-60"	M/CL	Fr/SEXP/SS/SP					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): Unsuitable

EVALUATED BY: W.A. Marks 2-12-98

OTHER(S) PRESENT: LSS

COMMENTS: Soils did not exceed other than maybe possibility of either particle size analyses or hydraulic conductivity work being needed to facilitate permit issuance

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope) V (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) S (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) SH (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SUC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None			

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
EFI (Extremely Firm)	NP (Non-plastic)
	SP (Slightly Plastic)
	P (Plastic)
	VP (Very Plastic)

NOTES

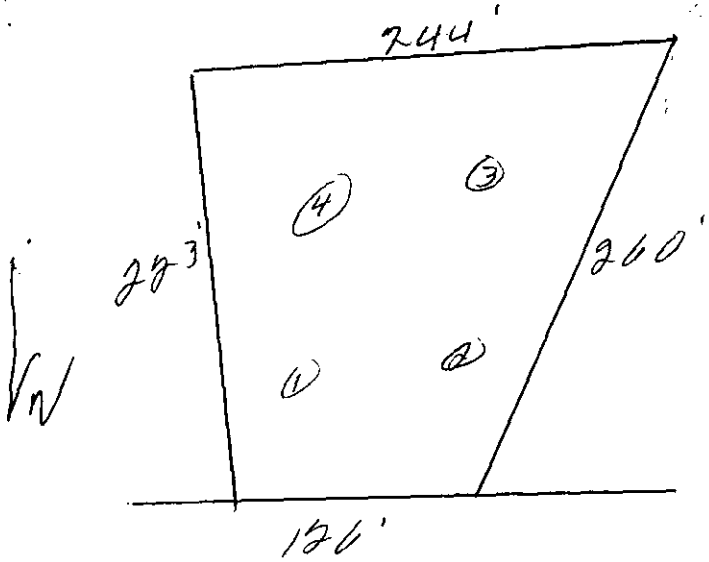
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

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

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

23628



DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#2- 23623

033-086-15

OWNER: Richey J. Eblacas
APPLICANT: _____
ADDRESS: 5936 Simpson Rd Eden
APPLICATION DATE: _____
DATE EVALUATED: _____
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: 1.0
LOCATION OF SITE: 5936 Simpson Rd
PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

Saprolite env.

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
1	LS	0-8"	gr/sl	Fr/SExP/ss/sp	>56"	56"	US	None	US
		8-16"	sbk/c	VFi/ExP/us/up	TO				
		16-56"	M/cl	Fr/SExP/ss/sp	50:1				
					wetness				
2	LS	0-10"	gr/sl	Fr/SExP/ss/sp	>60"	60"	US	None	US
		10-31"	sbk/c	VFi/ExP/us/up	TO				
		31-60"	M/scl	Fr/SExP/ss/sp	50:1				
					wetness				
3	LS	0-6"	gr/scl	Fr/SExP/ss/sp	>60"	60"	US	None	US
		6-24"	sbk/c	Fi/SExP/sl/p	TO				
		24-60"	M/cl	Fr/SExP/ss/sp	50:1				
					wetness				
4	LS	0-3"	gr/scl	Fr/SExP/ss/sp	>60"	60"	US	None	US
		3-11"	sbk/c	Fi/SExP/sl/p	TO				
		11-60"	M/cl	Fr/SExP/ss/sp	50:1				
					wetness				

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: M. B. Mauli 2-12-98
OTHER(S) PRESENT: LSS

COMMENTS: Rich Allen was absent when the

maybe possibility of either particle size analysis or hydraulic

conductivity work being LEGEND able to facilitate permit

issuance

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope) V (Convex Slope) I (Drainage Way) S (Debris Slump) P (Flood Plain) S (Foot Slope) I (Head Slope) (Linear Slope) (Nose Slope) (Ridge) (Shoulder Slope) (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None			

	MOIST	WET
	VFR (Very Friable)	NS (Non-sticky)
	FR (Friable)	SS (Slightly Sticky)
	FI (Firm)	S (Sticky)
	VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
	EFI (Extremely Firm)	NP (Non-plastic)
		SP (Slightly Plastic)
		P (Plastic)
		VP (Very Plastic)

OTES

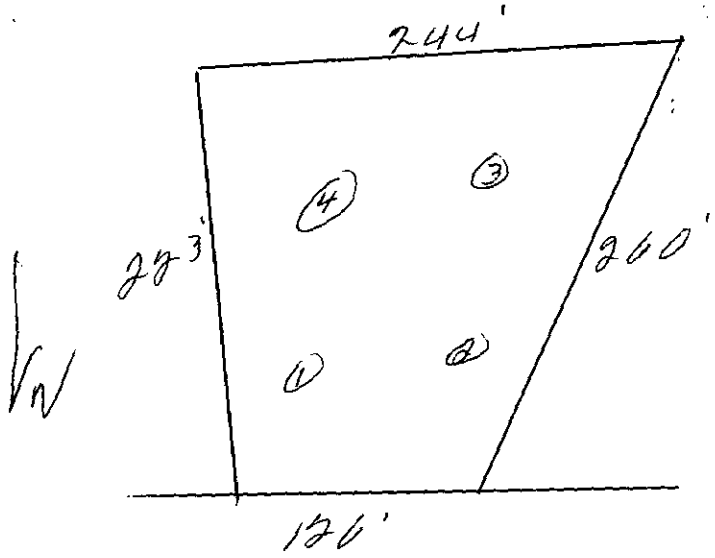
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less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

23628



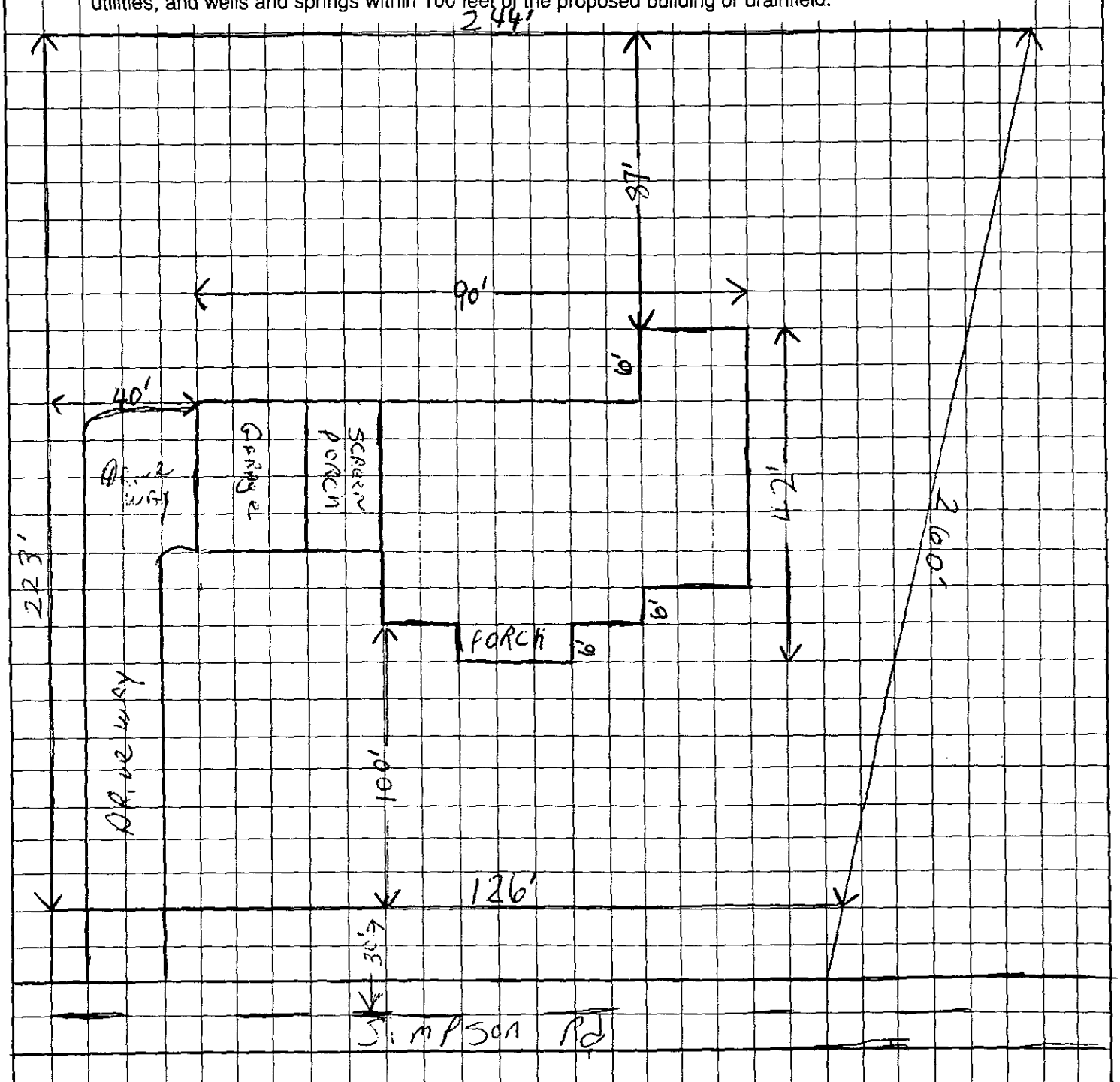
PROPOSED PLOT PLAN

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

FILE: 2362A

TC: 033-086-15

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.



Rickey F Elliott
OWNER/AGENT SIGNATURE

DATE 1-14-98

APPROVAL DATE _____

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

Mecklenburg County
Health Department

February 2, 1998

Mr. Rickey Elliott
5936 Simpson Road
Charlotte, NC 28216

Re: 5936 Simpson Road
File: 2362B
Parcel: 033-086-15

Dear Mr. Elliott:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS (MORPHOLOGY)**, .1943 **SOIL DEPTH** and .1945 **AVAILABLE SPACE**. For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d) which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
> (2) the effluent will not contaminate ground or surface water; and
> (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating data if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County.

If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

Mecklenburg County
Health Department

Ricky Lane Elliott
5936 Simpson Rd
Charlotte NC 28216

Re: 5936 Simpson Rd
File: 2362-A
Parcel: 033-096-15

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules over . For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d) which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
> (2) the effluent will not contaminate ground or surface water; and
> (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.
>
> The State shall review the substantiating data if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County.

If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

Good
FP 1/14/98 SC

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

[ ] CRT

TYPE APPLICATION: [X] 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

COPY

FILE #: 23628

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 033-086-15

STREET ADDRESS: 5936 Simpson Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TYPE OF BUILDING (CHECK ONE):

[ ] SINGLE MOBILE HOME(S)
[ ] DOUBLE WIDE (D)
[X] HOUSE (H)
[ ] MODULAR HOME (M)
[ ] MULTIPLE FAMILY (U)
[ ] OTHER (O)

TOWNSHIP (CHECK ONE):

[X] 0 MECKLENBURG
[ ] 1 CHARLOTTE
[ ] 2 DAVIDSON
[ ] 3 CORNELIUS
[ ] 4 PINEVILLE
[ ] 5 MATTHEWS
[ ] 6 HUNTERSVILLE
[ ] 7 MINT HILL

HEATED SQUARE FOOTAGE: 1740

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

CLOSING DATE_____

FOUNDATION FOR RESIDENCE:

[ ] WITHOUT BASEMENT
[ ] ON SLAB
[X] 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 [X] NO TYPE: _____

WATER SUPPLY (CHECK ONE):
[ ] COMMUNITY (C)
[ ] MUNICIPAL (M)
[X] 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 [X] NO
EXISTING WASTEWATER SYSTEMS — [ ] YES [X] NO
EASTMENTS OR RIGHT-OF-WAYS — [ ] YES [X] NO
WELL, SPRINGS OR WATERLINES — [ ] YES [X] NO
DESIGNATED WETLANDS — [ ] YES [X] NO

PROPERTY OWNER:

NAME: Elliott Rickey Lane
(LAST) (FIRST) (MI)

ADDRESS: 5936 Simpson Rd

CITY: Charlotte STATE: NC ZIP: 28216

DAYTIME PHONE: (704) 336-3249 [598-6518]

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? Nov 14 1978

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: Rickey J Elliott DATE: 1-14-98

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

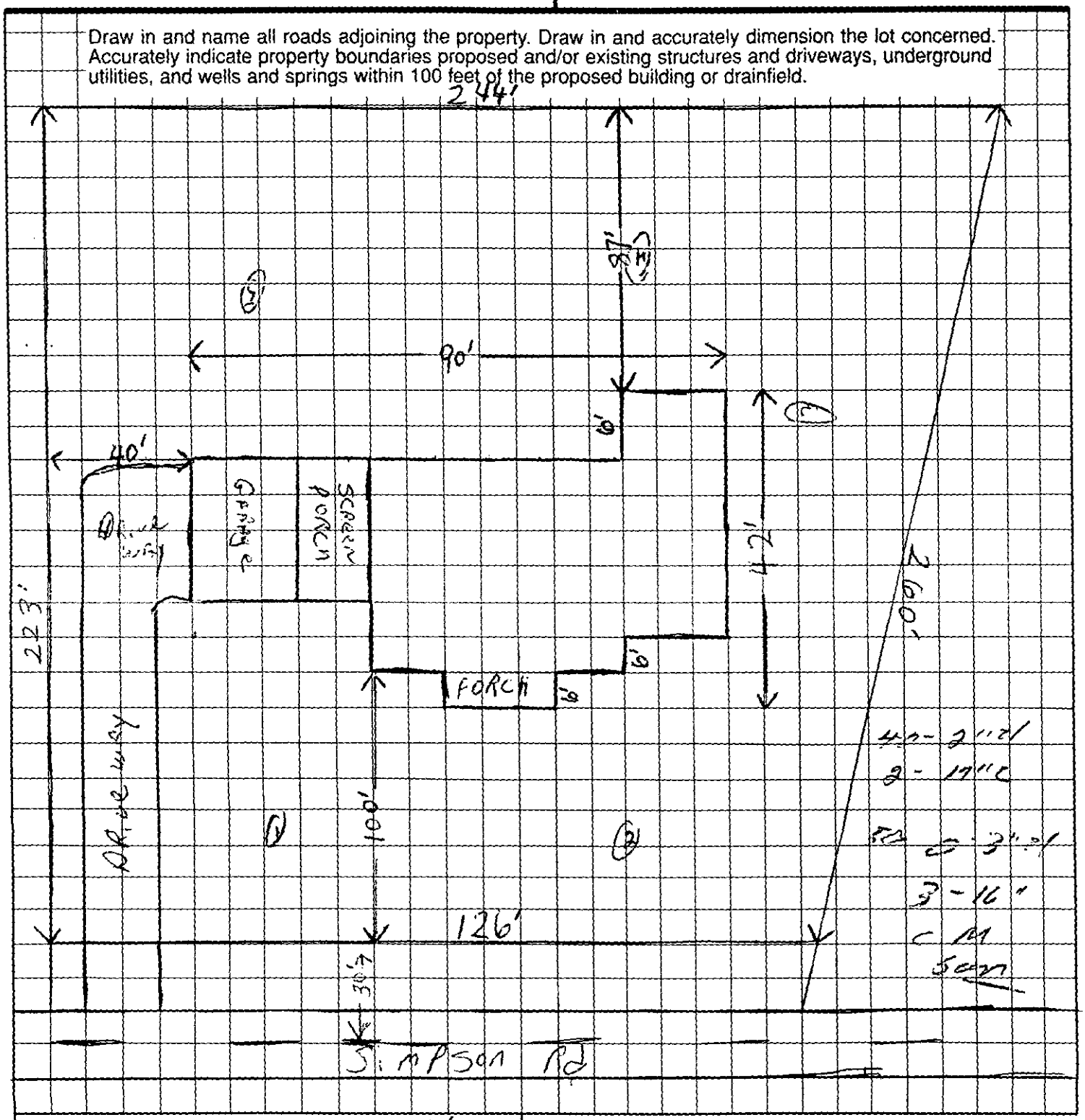
COPY

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

FILE: 2362B

TC: 033-086-15

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 Rube J Elliott

DATE 1-14-98

APPROVAL DATE 30-41 5c1

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy