

2316 LAKEVIEW CR

19313317

6/27/08

marliwr

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

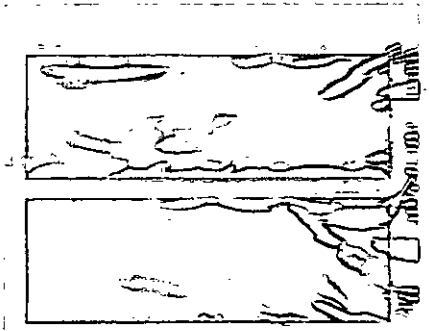
APT. NO. 12107 YEAR 1991

TAX NO. 193-133-17

ST. ADDRESS 2316 LAKEVIEW CIRCLE

ITEM 17

4 OF 4



MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

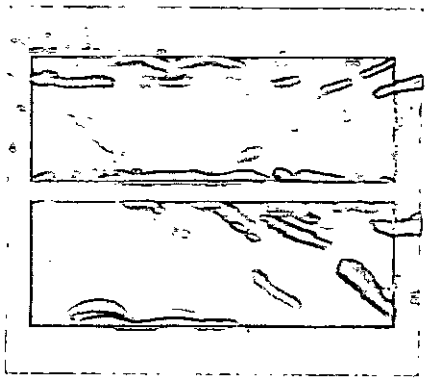
Others
Evanston, Ill. U. S. Pat. Nos 3 147 561; 3 220 133 U. K. Pat. No 935 479 Pending
1265R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
RECORDAK APERTURE CARD. MANUFACTURED IN THE U.S.A. FOR EASTMAN KODAK COMPANY

APT. NO. 12107 YEAR 1991 ITEM 17 3 OF 4

TAX NO. 193-133-17

ST. ADDRESS 2316 LAKEVIEW CIRCLE

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH



1265R Evanston, Ill. U. S. Pat. Nos 3,147,561; 3,220,133 U. K. Pat. No 935,479 Pending Others

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

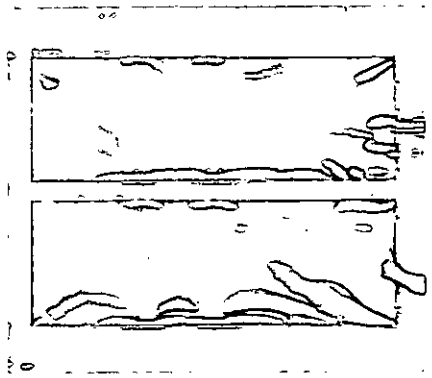
RECORDAK® APERTURE CARD, MANUFACTURED IN THE U.S.A. FOR EASTMAN KODAK COMPANY

APT. NO. 12107 YEAR 1991 ITEM 17 2 OF 4

TAX NO. 193-133-17

ST. ADDRESS 2316 LAKEVIEW C.R

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH



Others
Evanston, Ill. U. S Pat Nos 3,147,561; 3,220,133 U. K. Pat. No 935,479 Pending
1265R
RECORDAK® APERTURE CARD, MANUFACTURED IN THE U.S.A. FOR EASTMAN KODAK COMPANY

SOIL AND SITE REPORT FOR A GROUND ABSORPTION WASTEWATER SYSTEM

by

JOE LYNN, REGIONAL SOIL SPECIALIST
ON-SITE WASTEWATER SECTION
DIVISION OF ENVIRONMENTAL HEALTH

Submitted to:

WILLIAM MARLIN, SOIL SCIENTIST
MECKLENBURG COUNTY HEALTH DEPARTMENT

JULY 12, 1993

Joe Lynn
Regional Soil Specialist

SUMMARY

This site is **UNSUITABLE** for a ground absorption wastewater treatment and disposal system under current laws and rules 15A NCAC 18A .1900. **No ground absorption wastewater (septic tank) system can be permitted on this site.**

Conventional systems	NO
Shallow conventional systems	NO
Large Diameter Pipe systems	NO
Prefabricated Porous Block Panel systems	NO
Low Pressure Pipe Systems	NO
Fill Systems	NO
Aerobic Treatment Systems	NO

This report gives a brief summary of the findings, conclusions, and recommendations.

If you have any questions or I can be of assistance contact me at the Mooresville Regional Office (704) 663-1699.

INTRODUCTION

COUNTY: Mecklenburg

OWNER/APPLICANT: Larry A. Summer

LOCATION: 2316 Lakeview Circle

TYPE OF FACILITY: Residence

DESIGN UNIT: 360 gpd

PROPOSED WATER SUPPLY: On-Site well

EVALUATED BY: Joe Lynn assisted by Bill Marlin and Kelly Randall using hand augers

DATE OF EVALUATION: March 24, 1993

OTHER(S) PRESENT: Sylvia Daniel

SITE INFORMATION

AREA/PRESENT USE: 20,200 sq. ft. / mostly wooded

TOPOGRAPHY: 5 to 10 percent

LANDSCAPE POSITION: Linear slope

SITE LIMITATIONS: Gully / Cut / Fill

SOIL INFORMATION

SOIL TEXTURE: (surface) Clay
(subsoil) Clay

SOIL STRUCTURE: (subsoil) Blocky

CLAY MINERALOGY: Expansive

SOIL DEPTH: 0 to 9 inches to unsuitable soil condition

SOIL WETNESS: N/A

RESTRICTIVE HORIZONS: None

SAPROLITE: 8 to 9 inches to unsuitable saprolite

AREA of S or PS SOIL: None found

CONCLUSIONS

This site is unsuitable for the installation of a conventional ground absorption wastewater system due to:

1. Unsuitable Topography and Landscape Position — Section .1940
   Drainage feature (gully)
2. Unsuitable Soil Characteristics — Section .1941
   Expansive clay mineralogy
3. Insufficient Soil Depth — Section .1943
   Soil depths of less than 36 inches
4. Insufficient Available Space — Section .1945
   Not enough area for an initial sewage system and a repair if needed.

The site is Unsuitable under Rule .1956 Modifications to Septic Tank Systems. Neither shallow trenches, large diameter pipe, nor porous block panel systems are options for this site. The saprolite is unsuitable by this rule. Drainage will not be helpful in reclassify the site to Provisionally Suitable.

The site is Unsuitable under Rule .1957 Alternative Sewage Systems. Neither a low pressure pipe system, fill system, nor an aerobic treatment unit are options for this site.

RECOMMENDATIONS

The owner has the following options that might allow the use of this property as desired:

1. The applicant may purchase other Suitable or Provisionally Suitable property to place the ground absorption sewage system on.
2. The applicant may obtain an easement on a Suitable or Provisionally Suitable property to place the ground absorption sewage system on.
3. The Division of Environmental Management in Mooresville, N. C. at (704) 663-1699 may be contacted to pursue options available through that office.
4. A sewage system can be pursued under Rule 1948 (d). Written documentation must be submitted to your office showing that the proposed sewage system can be expected to function properly. The data must contain the following:
   A. The effluent must be non-pathogenic, non-infectious, non-toxic, and non-hazardous.
   B. The ground water and the surface water must not be contaminated by the effluent.
   C. The effluent must not be exposed to the ground surface or discharged to surface waters where it could come into contact with people, animals, or vectors.

Mecklenburg County
Health Department

Application for
Inspection of Public Records

By completing the following form, the undersigned does hereby make application to inspect the specified public records under the supervision of authorized personnel. This inspection is in accordance with North Carolina General Statute 132-6.

Name of person making request: Doug Sammons

Address: 301 S. McDowell St. Char. 28204

Description of public record requested: _____

Street Name (or County Road): _____

Lot: _____ Block: _____

Parcel Number: 193-13317 Filed 12107

Owner's Name: Larry Summers

Reason for Request:

Litigation

Signature of Person Making Request: [signature] 3/17/93

Supervisory Person: _____

Date: _____ Time: _____

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

Mecklenburg County
Health Department

June 10, 1991

Mr. Larry A. Sumner
2000 I Village Lake Drive
Charlotte, North Carolina 28212

Re: Property located on 2316 Lakeview Circle
FILE: 12107
PARCEL: 193-133-17

Dear Mr. Sumner:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as **UNSUITABLE** under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the Site Evaluation Report (Serial Number 17264) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B and 10 NCAC 1B.

If I can be of assistance, please do not hesitate to call.

Sincerely,

Gene Vaughan, R.S., Supervisor
Individual Water and Wastewater Systems

Enclosure

GV:lw

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 17264

File: 12107 Action 3

Parcel: 193-133-17 ☐ PC

Location: 2316 LoKeview Cr.

Subdivision:

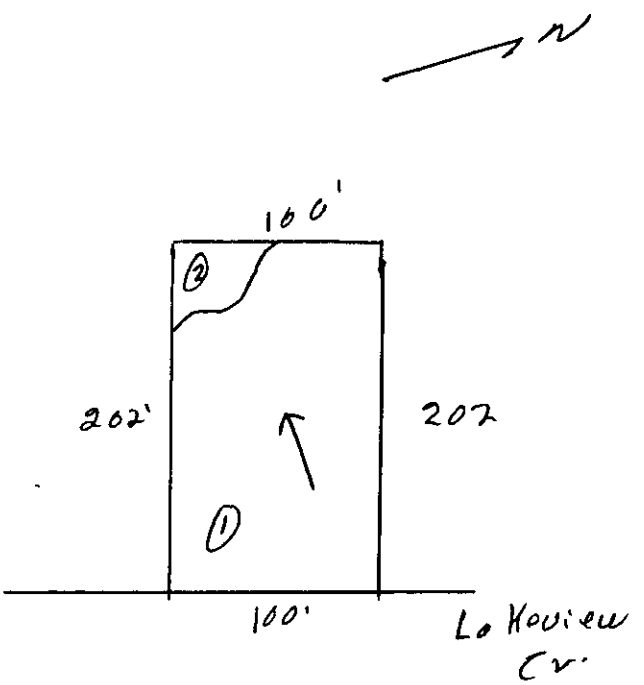
Lot: 12 Block: B Acres: .47

Owner: Larry A. Sumner
Address: 2000 I Village Lake Dr.
Charlotte, N.C. 28212

Comments: _____

Described by: William A. Marks

Date: 6-10-91



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

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

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS (U) Depression	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) 2-1 clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U	S PS U	S PS U	S PS U
Drainage some perched water 12-18"	S PS (U)	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 10-18"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U >36"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U limited	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Wilkes/ Helena	Depression				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U

Mecklenburg County
Health Department

COPY

Betty S. Snow, R.N., M.A.
Health Director

I, Robert D. Cobb, Division Head, hereby certify that these are true and correct copies of records maintained by the Division of Environmental Health for 2316 Lakeview Circle, Matthews, North Carolina.

Signed: Robert D Cobb

7-7-94
Date

Notary Public: Lorraine Cubitt August 1, 1998
Expiration Date of Commission

NOTARY PUBLIC MECKLENBURG COUNTY

12107

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 12107

TC: 193-133-17

☐ PC ☐ REPT

Paid
Receipt
#40.00
06/06/91

JOB LOCATION

① ADDRESS: 2316 LAKEVIEW CR. MATTHEWS N.C.

② SUBDIVISION: (LAKEWIEW) ③ LOT: ④ BLOCK:

⑤ PARCEL REFERENCE: BOOK NO.: PAGE NO.: PARCEL NO.: 193-133-17

⑥ DEED REFERENCE: BOOK NO.: PAGE NO.:

OWNER

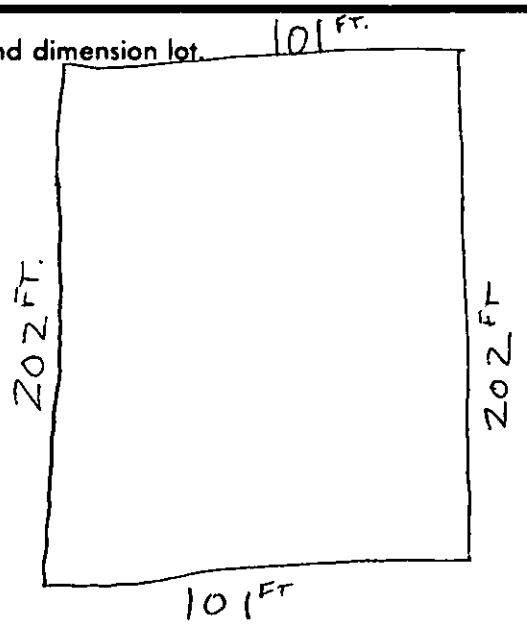
⑦ NAME: LARRY (FIRST) SUMNER A (MIDDLE) SUMNER (LAST)

⑧ MAILING ADDRESS: 2000 I VILLAGE LAKE DR.

⑨ CITY: CHARLOTTE ⑩ STATE: N.C. ⑪ ZIP: 28212

⑫ PHONE: (WORK) 359-8435 (HOME) 567-2317

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: [signature]

Date: 6-6-91

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

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

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

[] CRT

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

(704)336-5102

PERSON FILING APPLICATION:
NAME: SUMNER (last) LARRY (first) A (mi)
ADDRESS: 2000 I VILLAGE LAKE PHONE: (704) 567-2317
CITY: CHARLOTTE STATE: NC ZIPCODE: 28212

Date: 2-18-93

PROPERTY OWNER:
NAME: SUMNER (last) LARRY (first) A (mi)
ADDRESS: 2000 I VILLAGE LAKE DR PHONE: (704) 567-2317
CITY: CHARLOTTE STATE: NC ZIPCODE: 28212

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 193-133-17
STREET ADDRESS: 2316 LAKEVIEW CR. MATTHEWS N.C.
ZONING:

SUBDIVISION OR MOBILE HOME PARK NAME:

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

TYPE APPLICATION (check one):

LOT NUMBER: LOT SIZE (in acres): 1/2 ACRE

[] SOIL TEST - INDIVIDUAL LOT (D)
[X] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
[] SOIL TEST DEVELOPMENT (P)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [X] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER ____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 4

SYSTEM CLASSIFICATION:

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

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

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

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

Signed: Larry Sumner Date: 2-18-93

NOTICE:

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

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

...This permit is not transferable.

...

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

Environmentalist Date

Director or Authorized Section Head Date

WWATER : 122791

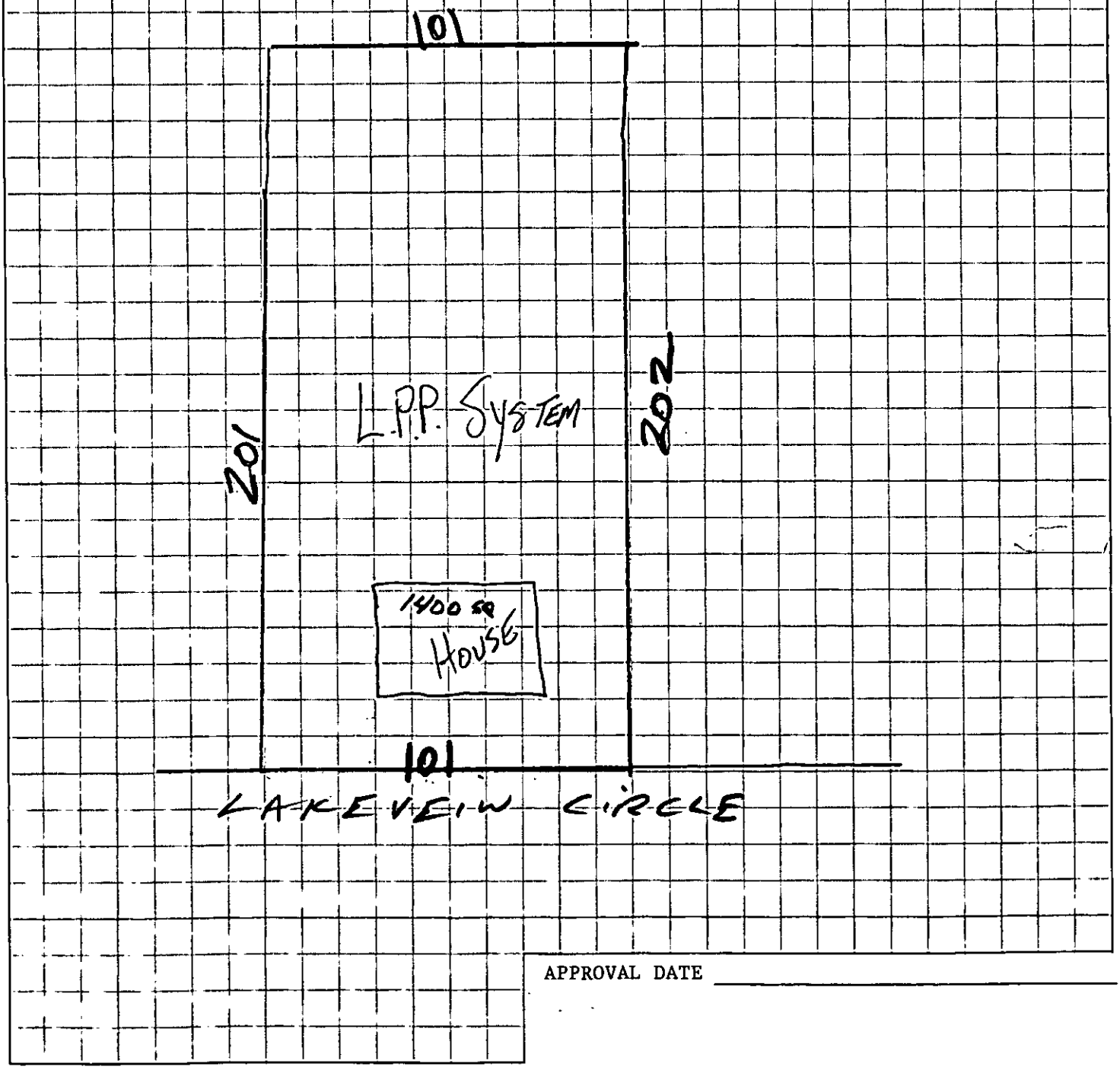
PROPOSED PLOT PLAN

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

FILE: 12107

TC: 193- 133 - 17

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.



APPROVAL DATE _____

White - Health Department's Copy Canary - Environmentalist's Copy Pink - Owner's Copy

Mecklenburg County
Health Department

March 23, 1993

Betty S. Snow, R.N., M.A.
Health Director

Mr. Larry A Sumner
2000 I Village Lake Drive
Charlotte, North Carolina 28212

Re: 2316 Lakeview Circle
File: 12107
Parcel: 193-144-17

Dear Mr. Sumner:

Receipt of your improvement permit application for a low pressure pipe septic tank system for the above referenced property is hereby acknowledged. Upon receipt of the application a review was made of the material on file and a site evaluation was conducted. A review was made in conjunction with the provisions of 15A NCAC 18A .1900, "Laws and Rules For Sewage Treatment and Disposal Systems". Our comments are listed below:

1) The site is unsuitable for the installation of a low pressure pipe system. Rule .1957 (a). (B) states that; site suitability for an **LPP** system shall be based on the first twenty four inches (24 inches) of soil beneath the naturally occurring soil surface. This twenty four inches (24 inches) shall consist of suitable or provisionally suitable soil as determined in accordance with Rules .1941 through .1944 and .1956 of this section.

2) More specifically, Rule .1940 (3) (B) expansive clay mineralogy; states that soils which have either very firm or extremely firm moist soil consistence, or have either very sticky or very plastic wet soil consistence are considered to have predominately 2:1 clay minerals (including mixed mineralogy clays) and shall be considered unsuitable as to clay mineralogy.

3) In addition Rule .1942 (a) states that (a) Soil wetness conditions caused by a seasonal high-water table, perched water table, tidal water, seasonally saturated soils or by lateral water movement shall be determined by observation of colors of chroma 2 or less (Munsell color chart) in mottles or a solid mass. If drainage modifications have been made, the Department may make a determination of the soil wetness conditions by direct observation of the water surface during periods of typically high water elevations. However, colors of chroma 2 or less which are relic from minerals of the parent material shall not be considered indicative of a soil wetness condition. Sites where soil wetness conditions are greater than forty eight inches (48 inches) below the naturally occurring soil surface shall be considered **SUITABLE** with respect to soil wetness. Sites where soil wetness conditions are between thirty six inches (36 inches) and forty eight inches inches) below the naturally occurring soil surface shall be considered **PROVISIONALLY SUITABLE** with respect to soil wetness. Sites where soil wetness conditions are less than thirty six inches (36 inches) below the naturally occurring soil surface shall be considered **UNSUITABLE** with respect to soil wetness.

4) The site is also unsuitable as to depth. Rule .1943 (a) states that; (a) Soil depths to saprolite, rock or parent material greater than forty eight inches (48 inches) shall be considered **SUITABLE** as to soil depth. Soil depths to saprolite, rock, or parent material between thirty six inches (36 inches) and forth eight inches (48 inches) shall be considered **PROVISIONALLY SUITABLE** as to soil depth. Soil depths to saprolite, rock, or parent material less than thirty six inches (36 inches) shall be classified **UNSUITABLE AS TO SOIL** depth.

For these reasons the Improvement Permit ~~Application~~ as submitted is ~~disapproved~~. ~~A possible way to develop this site is with a~~ septic tank system designed under .1957 (c).

Rule .1957 (c) states that; (c) A site classified as **UNSUITABLE** which cannot be approved for a system in accordance with Rule .1956 and Paragraphs (a) or (b) of this Rule may be used for a ground absorption sewage treatment and disposal system if written documentation, including engineering, hydrogeologic, geologic, or soil studies, indicates to the local health department that the proposed system can reasonably be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the adequate substantiating data indicates that:

(1) a ground absorption system can be installed so that the effluent will receive adequate treatment;

(2) the effluent will not contaminate ground water 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.

As per your request I have initiated the appeals process. Joe Lynn, the regional soils specialist with the Division of Environmental Health and Natural Resources has been contacted and will make a formal assessment of the property on March 24, 1993. As soon as the report is made we will forward the results to you as soon as possible. After this the appeals process can go forward.

If you have any questions regarding these matters, please do not hesitate to contact me at 336-5575.

Sincerely,

Kelly Randall

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