

20510 BETHELWOOD LN

00112189

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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DC 400

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 2050B/922/A DATE: 8/24/94

TC: 001 121 02 ☐ L ☒ CRT

SERIAL Nº 14229

Name of Owner Lakeview Home INC Juris.:

Address of Property 20510 Bethelwood LN

Inspection Data:

Tank Material PCC

Total Length of Drainfield 535

Number of Lines 6 @ 90

Cover Depth 8"-10"

Water Supply Source CMUD

Distance to Water Source ≥10'

Excavation Inspected 8/8/94

Tank(s) Inspected 8/8/94

Wash Line Inspected –

High Water Alarm Inspected

PLOT

Design: 1994, 1500ST, 1000DT, PI, CON, 1610SFT, 12"stone ceil CTR# 52

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☒ *in accordance with the permit issued* ☐ *as detailed in the plot above*

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ Certificate of Completion ☒ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. *This document is issued subject to those restrictions and conditions shown on the permit(s) and the* provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

COMMENTS: Septic system designed for 4 bedroom residence Type III

Philip S. Walker R.S.
Environmentalist

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

813

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR ~~PERMIT~~ Approval

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

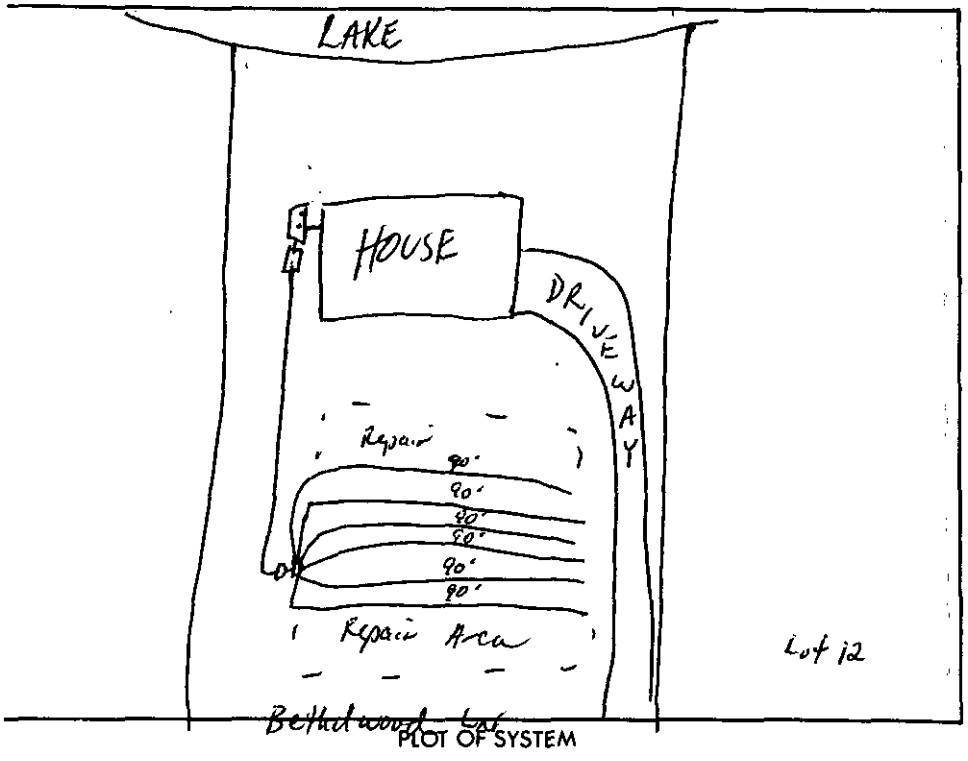
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FILE: 2050B/9221A DATE: 8/3/94

TC: 001/121/02 ☐ L

SERIAL Nº 15823

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 2/1/94. All work shall be completed on or before 9/3/94, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 ~~10A~~ 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 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 535 feet

Number of Lines 6 (90')

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well CMUD feet

NAME OF OWNER Lakeview Home Inc

LOCATION OF PROPERTY 20510 Bethelwood Ln

Comments: 1500ST, 1000DT, PI, 4 lines x 90'long x 3'wd x 12" stone | Keep septic system 210' from water line.

Doni H. Newell for S. Davis — Division or Section Head

Philo A. Walker — Environmentalist

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

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

Mecklenburg County
Health Department

August 9, 1994

Lakeview Homes, Inc.
20464 A Chartwell Center Drive
Davidson, North Carolina 28036

Re: 20510 Bethelwood Lane
File: 2050B (Tax Parcel No. 001-121-02PO)

Dear Sirs:

At your request an inspection was made at the above referenced property to facilitate the issuance of an Operation Permit for the On-Site Sanitary System of Sewage Treatment and Disposal. During the inspection it was found that the following items did not meet the regulations set fourth in the " Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal 15A NCAC 18A .1900; .1952 Septic Tank, Dosing Tank and Lift Station Design." Our Comments follow:

1). (6) Pump and control circuits shall be provided with manual circuit disconnects within a watertight, corrosion-resistant, outside enclosure (NEMA 4x or equivalent) adjacent to the pump(s) shall be manually operable without requiring the use of special tools or entrance into the tank for testing purposes. Conductors shall be conveyed to the disconnect enclosure through waterproof, gasproof, and corrosion-resistant conduits, with no splices or junction boxes provided inside the tank. Wire grips, duct seal, or other suitable material shall be used to seal around wire and wire conduit openings inside the pump tank and disconnect enclosure.

2). (9) The pump tank shall have a properly functioning high-water alarm. The alarm circuit shall be supplied ahead of any pump overload and short circuit protective devices. The alarm shall be audible and visible by system users and weatherproof if installed outdoors in an enclosure (NEMA 4x or equivalent)

The above mentioned items must be installed and inspected prior to the Operation Permit being issued. The Operation Permit is <u>required</u> for the Certificate of Occupancy and the permanent electric hook-ups. Please schedule the inspections at least five (5) working days in advance to ensure no delays in the Operation Permit issuance.

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

Please call me at 336-5570 to discuss any question you may have concerning this matter.

Sincerely,

Philo S. Walker R.S.

Philo S. Walker, R.S.
Individual Water and Wastewater Systems

PW:gf

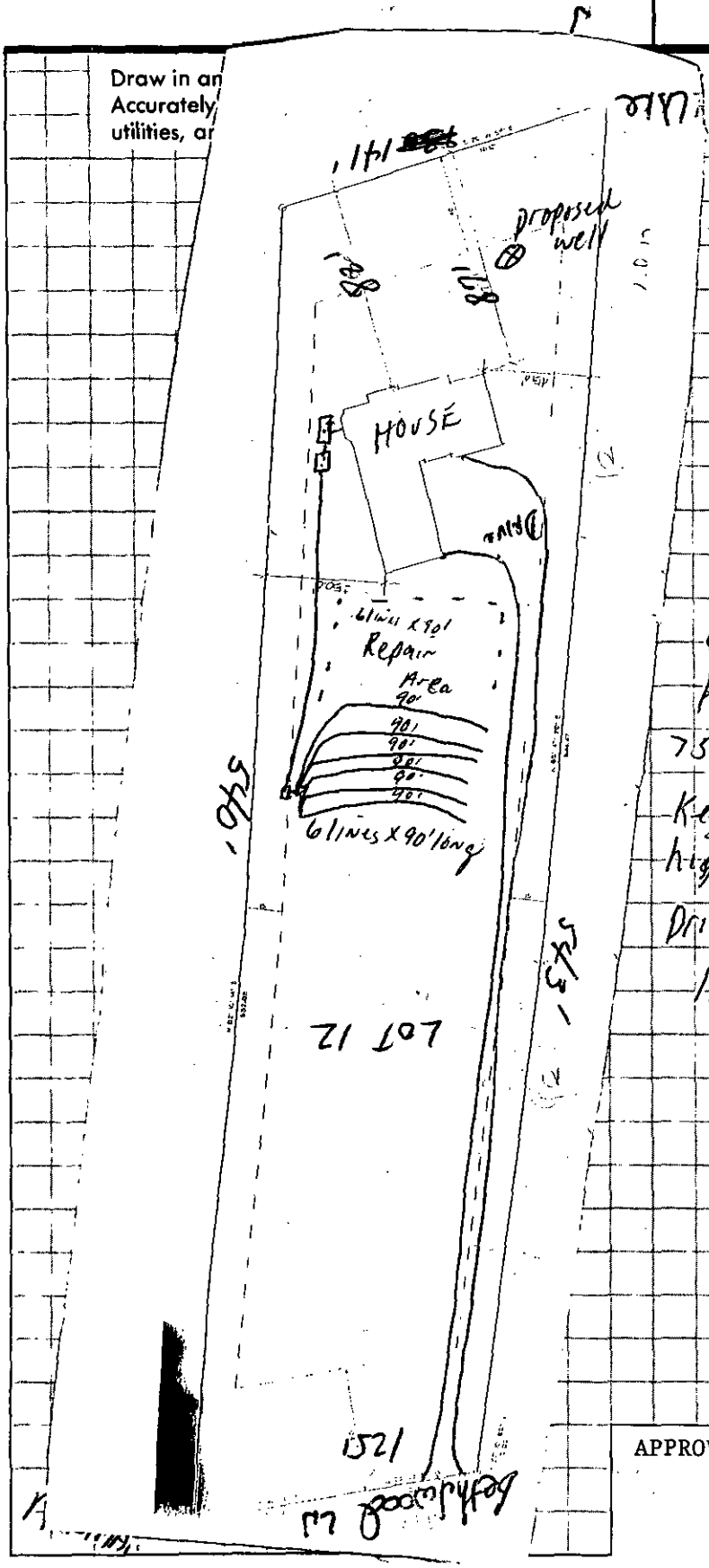
PROPOSED PLOT PLAN

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

FILE: 2050B/9221A

TC: 001-12/02 PP

Draw in an ... in and accurately dimension the lot concerned. Accurately ... existing structures and driveways, underground utilities, ar... sed building or drainfield.



1500 ST
1000 DT
Lift pump required
6 lines x 90' long x 3' wd
x 12" stone
540 TLF

Repair Area

6 lines x 90' long = 540 FLF

Keep proposed well ~~[illegible]~~ 100' from ~~[illegible]~~ septic system

Keep septic system 100' from high water mark

Driveway to hug Right property line.

2/22/94

APPROVAL DATE RJW 2/22/94

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

FILE # 2050B/9221A

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

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

(704)336-5102

Date: 2/15/94

PERSON FILING APPLICATION:
NAME: Lakeview Homes, Inc. (last) (first) (mi)
ADDRESS: 20464A Chartwell Center Dr. PHONE: 704 8929196
CITY: Davidson STATE: N.C. ZIPCODE: 28036

PROPERTY OWNER:
NAME: Lakeview Homes, Inc. (last) (first) (mi)
ADDRESS: 20464A Chartwell Center Dr. PHONE: 704 8929196
CITY: Davidson STATE: N.C. ZIPCODE: 28036

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 001 121 02 10
STREET ADDRESS: 20510 Bethelwood Ln
ZONING:

SUBDIVISION OR MOBILE HOME PARK NAME: Bethelwood Bay

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

LOT NUMBER: 12 LOT SIZE (in acres): 1.55 Acres

TYPE APPLICATION (check one):
[ ] 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: 4 NUMBER OCCUPANTS:
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: Lakeview Homes, Inc. By _____ Date: 2/15/94

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.

... Lift pump required

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

Philo S. Walker RS 2/22/94
Environmentalist Date

P. Walker for S. Daniel 2/22/94
Director or Authorized Section Head Date

WATER : 122791

Tax Parcel # 001-121-02

7.52

11/03/93

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

2030B/9221A

Acct # 87529 $75.00 [] 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: Lakeview Homes, Inc
(last) (first) (mi)

ADDRESS: 20464A Chartwell Center Dr PHONE: (704) 8929196

CITY: Davidson STATE: N.C. ZIPCODE: 28036

Date:

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 001 121 02

STREET ADDRESS: 20510 Bethelwood Ln

ZONING:

PROPERTY OWNER:

NAME: McConnell Family Limited Partnership
(last) (first) (mi)

ADDRESS: 20729 Bethelwood PHONE: (704) 892 1480

CITY: Davidson STATE: N.C. ZIPCODE: 28036

SUBDIVISION OR MOBILE HOME PARK NAME:
Bethelwood Bay

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

LOT NUMBER: 12 LOT SIZE (in acres): 1.55

TYPE APPLICATION (check one):

[x] SOIL TEST - INDIVIDUAL LOT (D)
[] 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: NUMBER OCCUPANTS:

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)
[x] Municipal (M) [] Other 'spring' (O)
[] Private Well (P)

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

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

Signed: Letitia A. McConnell Date: 4-21-93

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

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

DATE: 6-29-93

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meek

PARCEL NUMBER #001-121-02

ASSIGNED ADDRESS 20510 Bethelwood LN

EXISTING ADDRESS Lot #12

PROJECT NAME Bethelwood Bay

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

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

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

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

REMARKS: S.F. Home.

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

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

SIGNED: B. McConnell

OPWEAR 06-88

NEW ADDRESS X *

FORM 100

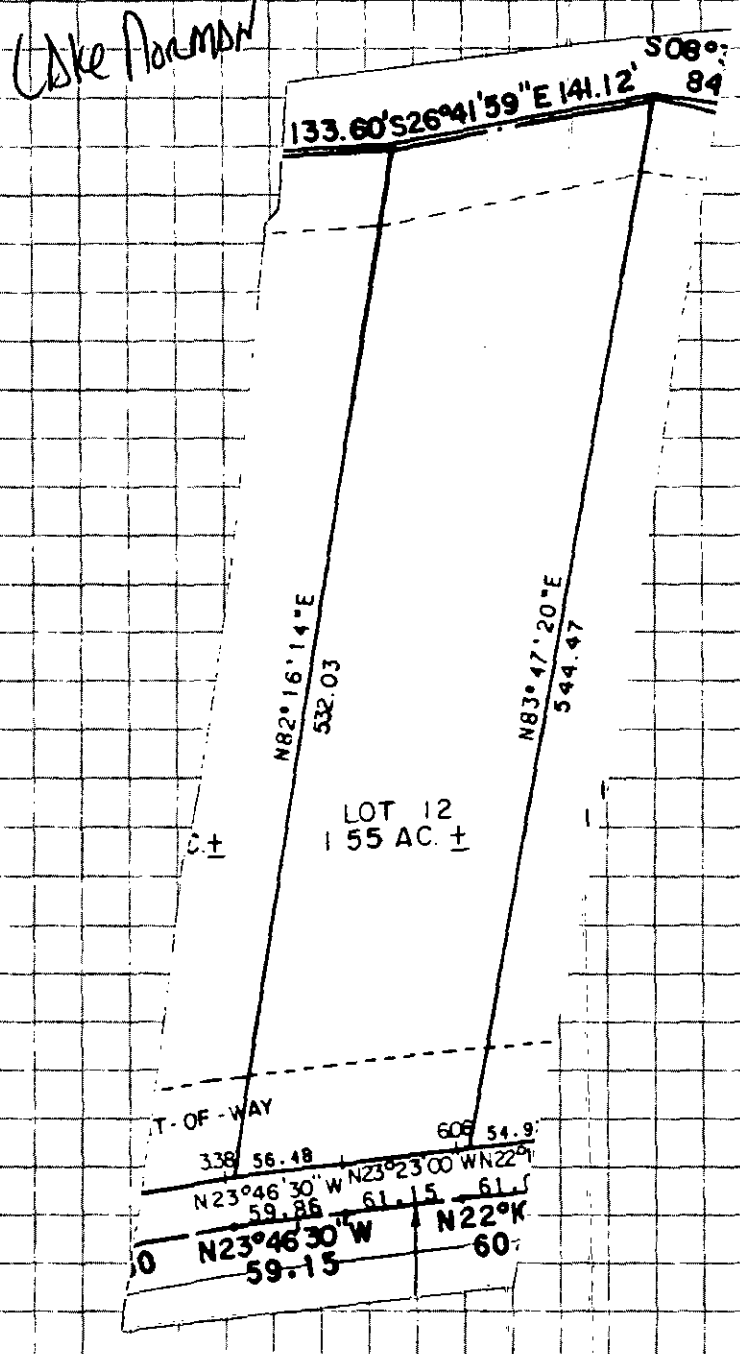
PROPOSED PLOT PLAN

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

FILE: 20508/9221A

TC: _____

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



Bethelwood Ln

APPROVAL DATE _____

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 20115

File: 2050B/92-21A Action 1
Parcel: po 001-121 02 ~~PC~~

Location: 20510 Bethelwood Lane

Subdivision:

Lot: 12 Block: Acres: 1.55

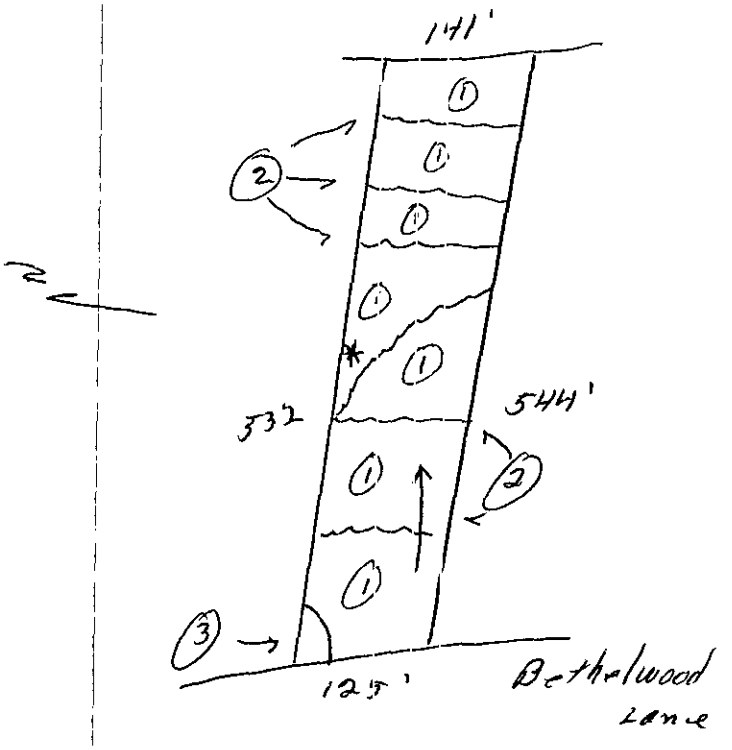
Owner: McConnell Family Limited Partnership
Address: 20729 Bethelwood Lane
Davidson, N.C. 28036

Comments: 100% Repair system may need pumps. 3 gal/ft²/day LTAR

Described by: William R. Marlin

Date: 1-4-94

* 34" boring encountered - recommend site for drain field be spot bored to check depth of profile at that point



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

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

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 6-15%	S PS (U) Old Terraces	S PS U —	S PS U	S PS U	S PS U
Texture	S (PS) U slightly Expansive clay	S PS U —	S PS U —	S PS U	S PS U	S PS U
Structure	S (PS) U subt Blocky	S PS U —	S PS U —	S PS U	S PS U	S PS U
Drainage	S (PS) U 740" to water	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 740"	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 740"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U* see Note	S PS U	S PS (U) Rock Outcrop	S PS U	S PS U	S PS U
Soil Group/Series	III Cecil-like	Old Terraces	Rock Outcrop			
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U

Mecklenburg County
Health Department

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

January 4, 1994

McConnell Family Limited Partnership
20729 Bethelwood Lane
Davidson, NC 28036

RE: Property located on 20510 Bethelwood Lane **(LOT #12)**
FILE: 2050B/9221A
PARCEL: 001-121-02P0

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The property was found to contain a limited area of soils which were classified as PROVISIONALLY SUITABLE for such an installation. A copy of the Site Evaluation Report (Serial Number 20115) is enclosed for your information.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application for an Improvement Permit with an **ACCURATELY** dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accommodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this department renders any area previously designated suitable for system installation, unsuitable. Furthermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, please contact Bill Marlin, Soil Scientist at 336-5574.

Sincerely,

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

Enclosure