Date Received 3-1-84

RECEIVED

SIR No. 20694
P.O.
T. C. No 231-111-04

Map Date 2/83

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Providence Wood, Inc.
(LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER 740 E. Independence Blvd. Charlotte, NC 28205

3) PHONE NO. Home _____ Office 704-372-2565

4) LOCATION OF PROPERTY County Court
(STREET OR COUNTY ROAD)

5) SUBDIVISION Providence Woods LOT NO. 20 BLOCK NO. V

MAP BOOK NO. _____ PAGE NO. _____

6) DEED REFERENCE DEED BOOK 4571 PAGE NO 693-694

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge

Provide a sketch map

7) ACCURATELY DIAGRAM & DIMENSION LOT

J. L. Newman
OWNER Agent

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20684

T.C. NO. PO 231-11004

(Ground Absorption Sewage Disposal)

OWNER: Carolina Waste Serv.
ADDRESS: 1940 E Independence Blvd Charlotte N.C. 28205
PLAT NO: 30-V
LOT SIZE: Acres 32,000
LOCATION OF SITE: Cross Creek

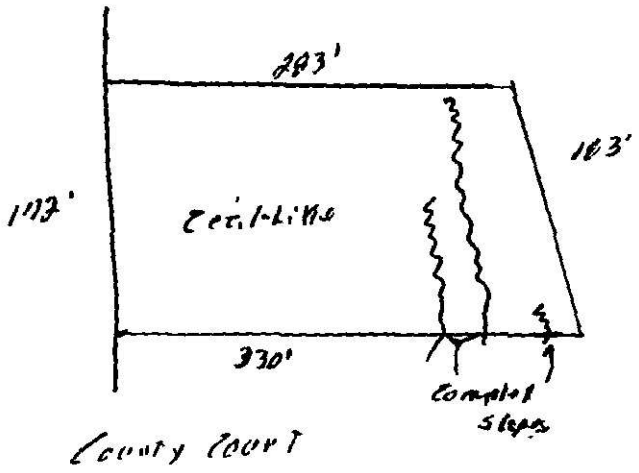
FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-8%	S PS (U) Complex slopes	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay U	S (PS) clay U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S (PS) Blocky U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 30-48" U	S PS <30" (U)	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) >30" U	S PS <36" (U)	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) >48" PS no ground water U	S PS Eroded Areas (U) Channel runoff	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	1VA	1VA		
9. SITE CLASSIFICATION	Provisionally Suitable	Unsuitable		
10. SOIL SERIES	Cecil-clay	Complex slopes		

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: _____

Described by: William A. Merlin
Title: Soil Scientist
Date: 3-27-84


283'
103'
172'
Cecil-Little
330'
Complex
Steps
County Court

Serial No. 5555

SIR No. 20694

Date Issued 3-28-84

T. C. No. PO 231-111-04

Map Date

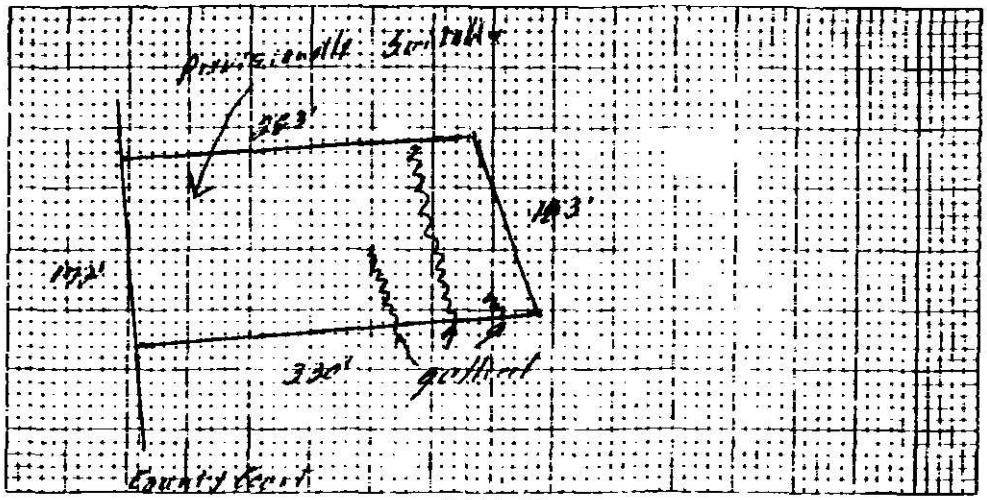
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Providence Woods, Inc.
LAST FIRST MIDDLE

ADDRESS OF OWNER 1740 E. Independence Blvd., Charlotte, NC ZIP 28205

LOCATION OF PROPERTY County Court
STREET OR COUNTY ROAD

SUBDIVISION Providence Woods LOT NO 20 BLOCK NO. 5



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. The permeability rate determined by the investigation was PROVISIONALLY SUITABLE. The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. [illegible] the Mecklenburg County Department of Environmental Health [illegible] the wastewater treatment system on the said lot.
2. [illegible] determined by the Mecklenburg County Department of Environmental Health [illegible] rate obtained above, and on the [illegible] acceptable for system installation [illegible]
3. [illegible] acceptable for system installation [illegible]
4. [illegible] performed on the lot which [illegible] Mecklenburg County Department of Environmental Health [illegible] as acceptable for system installation [illegible] system.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources, Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws, rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules, and regulations been in effect on the issue date.

William A. Maclen
Soil Scientist

Bill D. Hamilton Jr.
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

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

(OFFICE USE ONLY)

FILE: 20694

TC: 231-111-37

SERIAL: № 11193

DEPARTMENT OF RECEIVED JUL 21 1986 ENVIRONMENTAL HEALTH

☒ L ☐ CRT

JOB LOCATION

① ADDRESS: 3601 Bounty Court (STREET NO / STREET) ② FILE:

③ JURISDICTION: Meck ④ TAX PARCEL NO.: 231-111-37

⑤ SUBDIVISION: Providence Woods ⑥ LOT: 20 ⑦ BLOCK: V

OWNER

⑧ NAME: Hamer J Leach (FIRST / MIDDLE / LAST)

⑨ MAILING ADDRESS: 7528 Linda Lake Drive

⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28215

⑬ PHONE: (WORK) 537-4860 or 846-2893 Wk. Site ⑭ (HOME) 537-4860

REQUEST

This request is for a(n):

⑮ ☒ New permit

⑯ ☐ Repair or alteration permit

⑰ ☐ Authorization for mobile home exchange

⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home

㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 4

㉓ Maximum occupancy?

㉔ Basement? ☒ yes ☐ no

㉕ Type?

㉖ Maximum number of employees?

㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Hamer J. Leach

Date: 7-19-86

IMPROVEMENT PERMIT

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

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

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

Bob Wilson — Environmentalist — Date: 7/23/86

John R Adkinson — Director or Authorized Section Head — Date: 7/24/86

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

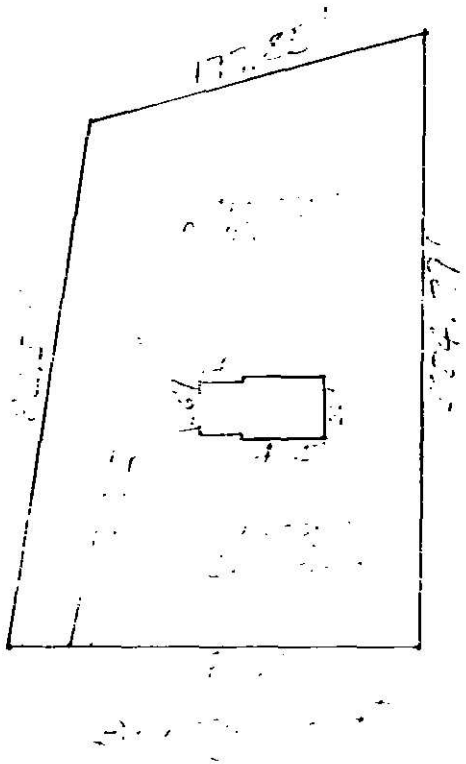
PROPOSED PLOT PLAN

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

FILE: 20694

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.



Signed: Hamer D. Leach

Date: 7-21-86

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.

OCT 5 ..

ENVIRONMENTAL HEALTH
DIVISION

Daily Waste Flow 480 GAL PER DAY
Septic tank size 1000 GALLONS
pumping tank size 750 GALLONS
Effluent loading rate .16 application rate
Absorption area 3000 SQ FT.
Total length of laterals [illegible]
Lateral diameter 1 1/4"
Lateral configuration 10 LINES WITH 60 IN LENGTH
Supply line length 20 FEET
Supply line diameter 1 1/2"
Manifold placement HIGHER
Hole size* 5/32
Hole spacing 5 FT
Number of holes 120
Pressure head 2 FT
Flow per hole .41 [illegible]
Total flow 4.92 gallons
Elevation head 5 FT
Friction head .75 FT
Pressure head 2 FT
Total head 9 FT
Pump requirements 4.92 [illegible] 5 FT [illegible]
Storage volume in laterals 38.4 GAL
Storage volume in supply line 3.24 GAL
Total storage volume 195.24 GAL
Dosing volume 190 GALLONS
Dosing depth [illegible]
Check valve needed? NO

* Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots) .

Line No.	Hole size	# Holes	Head Pressure	Flow Hole	Hole Spacing*	Flow/line
1-10	5/32	12	2	.41	5 FT.	4.92

W. T. Norwood Inc.
Box 99
Waxhaw, N. C. 28173

843-3298

Hamer Leach

Lot 20 - Phase V
Providence Woods

Tax Code #

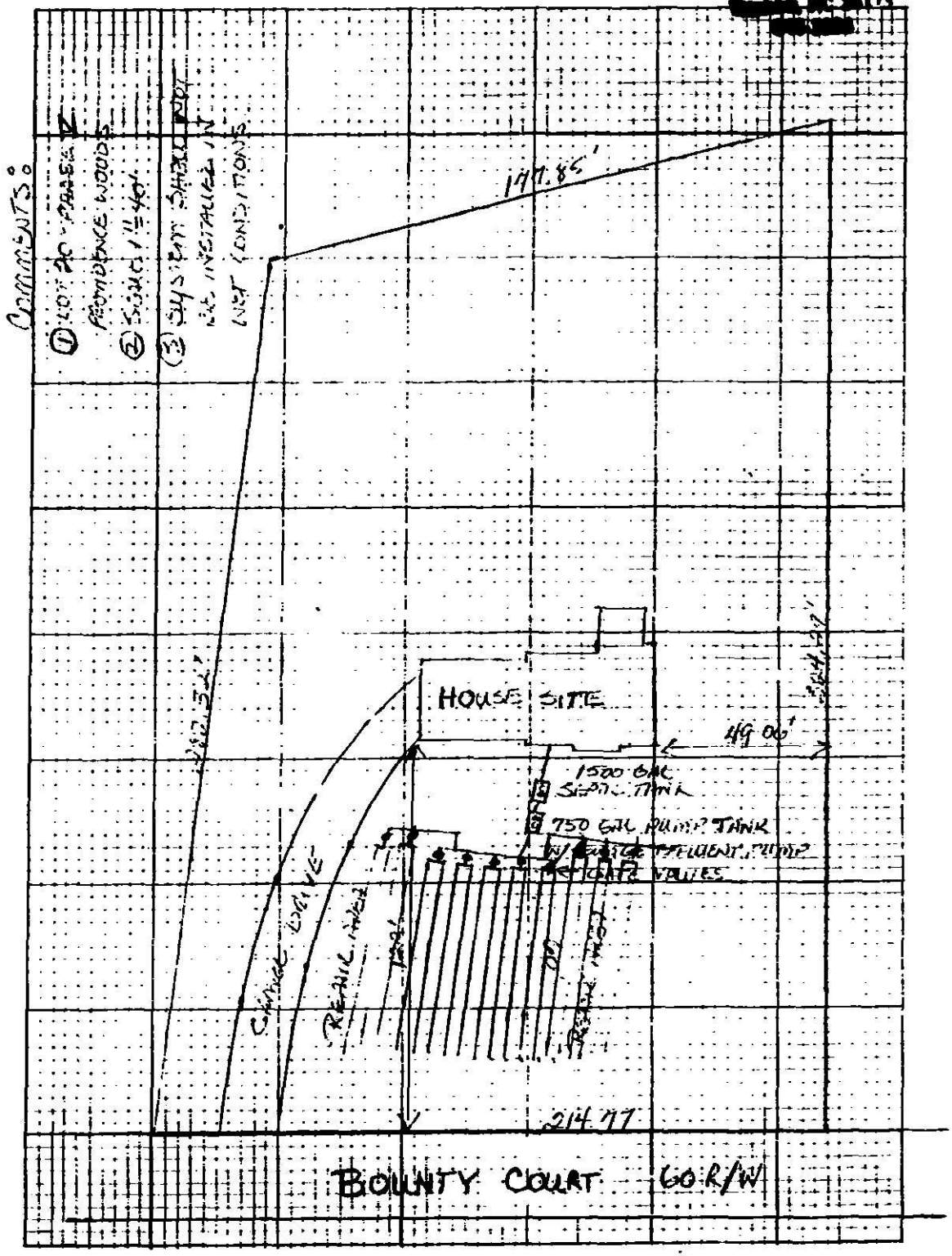
MECKLENBURG COUNTY
Department of Environmental Health

LPP System Design File Bounty Court

Line No.	Hole Size	(Conv)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
1	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
2	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
3	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
4	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
5	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
6	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
7	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
8	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
9	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
10	5/32	0.16	12	2.0	0.41	5.0	4.88	0.081	60
			120				48.848		600

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

W. T. NORWOOD INC.
P. O. Box 99
[illegible]



INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

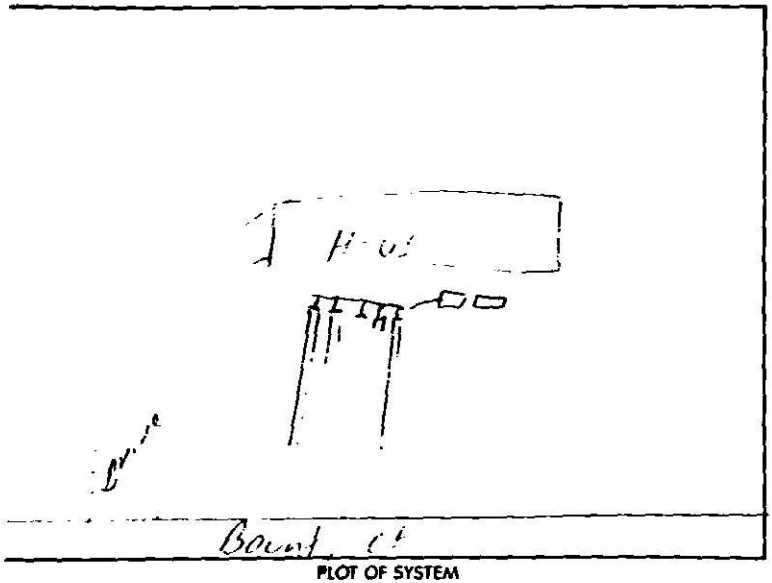
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 20694 DATE: 12-3-87

TC: 231-111-37 ☒ L

SERIAL № 11497

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 2-19-86. All work shall be completed on or before 1-3-87, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health 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 RCC

Absorption and or Nitrification Lines:

Trench Width 10" ~~feet~~

Total Line Length 6-[illegible] feet

Number of Lines Ten

Depth of Stone 12" inches

Distance from House 15' feet

Distance from Property Line 1[illegible]' feet

Distance from Well 7[illegible] feet

NAME OF OWNER Homer Lovin

LOCATION OF PROPERTY ~~7528~~ 3601 Bount. Ct

Comments: LPP System Plan and LPP System utilize upon owner request; 10 Lines 60' each

[signature] PRS
Division or Section Head

[signature]
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 Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 20694 DATE: 9-28-88
TC: 231-111-37 ☐ L ☑ CRT
SERIAL № 11404

Name of Owner Hames Leach Juris.:
Address of Property 3601 Bounty Ct.

Inspection Data:

Tank Material PCC
Total Length of Drainfield 600'
Number of Lines 10 @ 60'
Cover Depth 8" - by J. E.
Water Supply Source well
Distance to Water Source >50
Excavation Inspected 12-4-87 J. E.
Tank(s) Inspected 12-4-87 J. E.
Wash Line Inspected
High Water Alarm Inspected 12-4-87 J. E.

PLOT

Design: 1986, 1500ST, 1000DT, PI, LPP, 1800SFT, 16", Cecil CTR# 82

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: Checked water level on pressure head.

B. R. Ferguson
Environmentalist

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