Date Received 3-1-84

[illegible] DEPARTMENT OF
[illegible] RECEIVED
[illegible]

SIR No 20704
P.O.
T. C. No 231-111-04
Map Date 8/83

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

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

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

3) PHONE NO. Home — Office 704-372-2525

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

5) SUBDIVISION Providence Woods LOT NO 30 BLOCK NO V

MAP BOOK NO [illegible] PAGE NO [illegible]

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

Please see attached map

7) ACCURATELY DIAGRAM & DIMENSION LOT

T. F. 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. 20704

T.C. NO. PO 23F 111-64

(Ground Absorption Sewage Disposal)

OWNER: [illegible]
ADDRESS: [illegible]
Charlotte, NC 28205
LOCATION OF SITE: [illegible]

PLAT NO: Lot 30
LOT SIZE: [illegible]

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 2-12% PS U	S 2 [illegible] PS U	S Complex slopes 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 Clay U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS Blocky U	S PS Blocky U	S PS Blocky U	S PS U
4. SOIL DEPTH (inches)	S PS 36 32" U	S PS 36 38" U	S PS 36" U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS 736" U	S PS 736" U	S PS 736" To [illegible] U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS 736" To ground U	S PS Depression collects runoff U	S PS Eroded Areas channel runoff U	S PS U
7. OTHER (Specify)	S PS Somewhat [illegible] U	S PS U	S PS U	S PS U
8. SOIL GROUP	NA	NA	NA	
9. SITE CLASSIFICATION	Provisionally suitable	unsuitable	unsuitable	
10. SOIL SERIES	[illegible]	Depression	Complex slopes	

S - Suitable PS - Provisionally Suitable U - Unsuitable

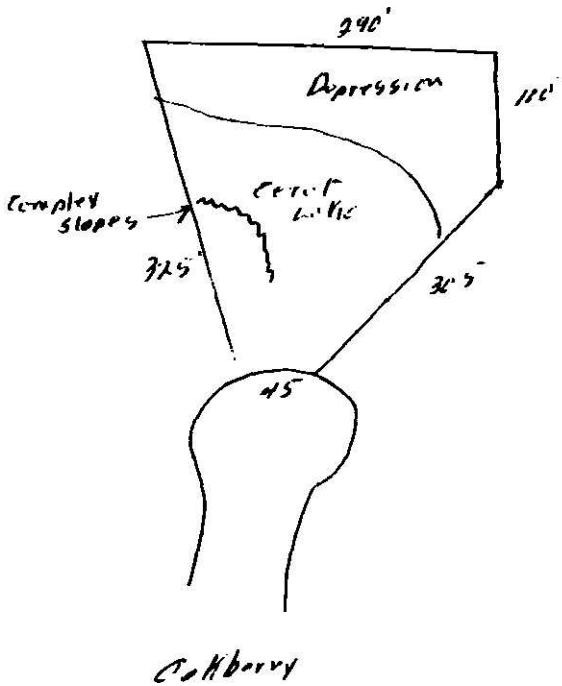
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Recommend

Described by: William B. Martin
Title: Soil Scientist

Date: 6-4-84

1 H


290'
Depression
100'
Complex slopes
Cerot Lake
325'
305'
45
Oakberry

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SIR. NO. 20704
T.C. NO. PO 231-111-04
DATE: 6-4-84

Providence Woods, Inc.
1740 E. Independence Boulevard
Charlotte, NC 28205

RE: Property located at Oadberry Court, Lot 30, Blk. 5

Dear Sirs:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

Date Received 12-31-84

RECEIVED

ICAR(S) Application No. 20704

T.P. No. 231-111-04

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

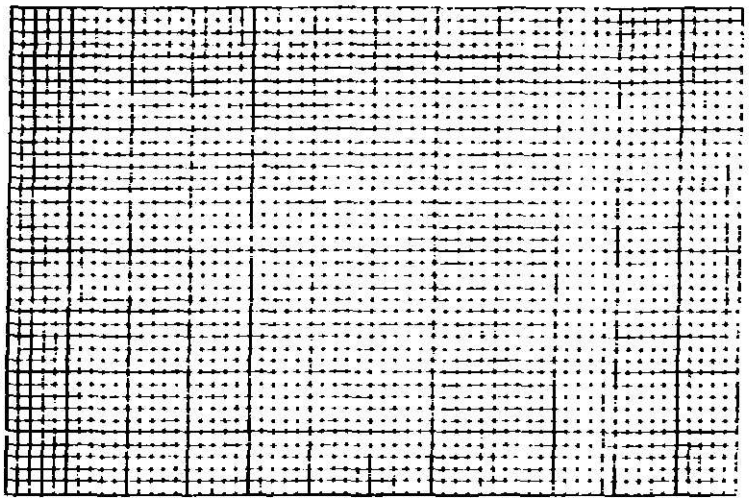
Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The ~~owner~~ BUILDER of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) ✓ Install or Construct 2) Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption effluent discharge.

Mobile Home ___ Yes ___ No
Residence ✓ Yes ___ No

4) No. of Bedrooms 3
5) Business Use — Max (No)
Employees ___
6) Washing Machine ✓ Yes ___ No
7) Garbage Disposal ✓ Yes ___ No
8) Dishwasher ✓ Yes ___ No
9) Water Supply
A) Individual Well ✓
B) Governmental System ___
C) Community System
1) Well source ___
2) Governmental source ___
10) Sewage System
House located within 200 feet of public sewer ___ Yes ✓ No
House located within 200 feet of community sewer ___ Yes ✓ No
11) FHA Case No ___
12) VA Case No ___



3) PLOT PLAN (ACCURATELY DIMENSIONED)

13) NAME OF OWNER WG BURGESS, INC (DONALD S PARKER JR)
LAST FIRST MIDDLE

14) ADDRESS OF OWNER 5318 WALNUT GROVE LN CHARLOTTE NC

15) PHONE NO Home 567 2841 Office 568-4064

16) LOCATION OF SYSTEM OAKBERRY CT 4525
STREET OR COUNTY ROAD

17) SUBDIVISION PROVIDENCE WOODS Lot No. 30 Block No. PHASE V

Map Book No. ___ Page No. ___

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ___ YES ___ NO DATE RUN ___

20) PTR NUMBER (See Instructions) ___

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

12-30-84
DATE OF APPLICATION

Donald S Parker
OWNER

EHD-5-76

Environmental Health Department's Copy

SIR 20704

Daily waste flow	360 gpd
Septic tank size	1500 gallons
Pumping tank size	1000 gallons
Effluent loading rate	.16
Absorption area	2250
Total length of laterals	450 ft. 160 psipipe
Lateral diameter	1¼
Lateral configuration	7 lines 65 ft. each
Supply line length	30 ft. Sch 40 pipe
Supply line diameter	2"
Manifold placement	one manifold w/one gate valve
Hole size*	See below
Hole spacing	See below
Number of holes	See below
Pressure head	See below
Flow per hole	See below
Total flow	34.17 gallons
Elevation head	8 ft.
Friction head	75 ft.
Pressure head	2 ft.
Total head	10.75 ft.
Pump requirements	31 gallon per minute @ 11 ft. TDH
Storage volume in laterals	40.5 gallons
Storage volume in supply line	4.86 gallons
Total storage volume	45.36 gallons
Dosing volume	200 gallons
Dosing depth	To be determined on site
Check valve needed?	No check valve

*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	5/32"	12	2'	.41	5'	4.92
2	5/32"	11	2.5'	.45	6'	4.95
3	5/32"	10	3'	.50	6'8"	5.00
4	5/32"	9	3.5'	.54	7'6"	4.86
5	5/32	8	4'	.58	8'6"	4.64
6	5/32	8	4.5'	.61	8'6"	4.88
7	1/8	12	5'	.41	5'6"	4.92

First hole on each line begins 30" from supply manifold. Last hole on each line will be approximately 30" from end of line.

Donald L Parker
Signed

1-10-85
Date

Serial No. 8110

SIR No. 20704

Date Issued 1-10-85

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

Map Date L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
IMPROVEMENT PERMIT
TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER W. G. Burgess, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 5318 Walnut Grove Lane, Charlotte, NC ZIP 28212

LOCATION OF LOT 4525 Oakberry Court
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 20704. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altered, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

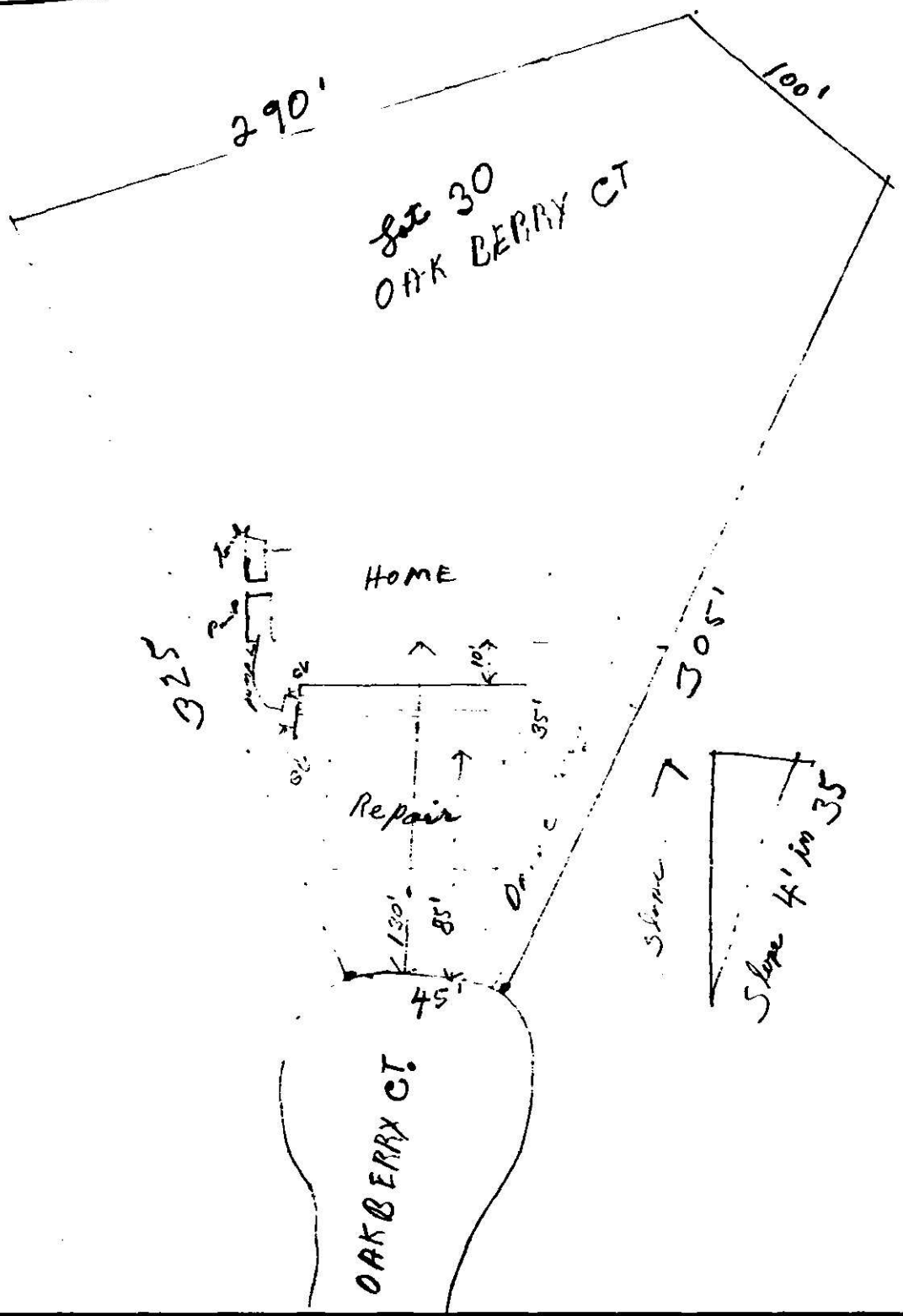
Cynthia C. Bass
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Give To Bill Hartister



Serial No. 07949

ICAR (S) Permit No. 20704

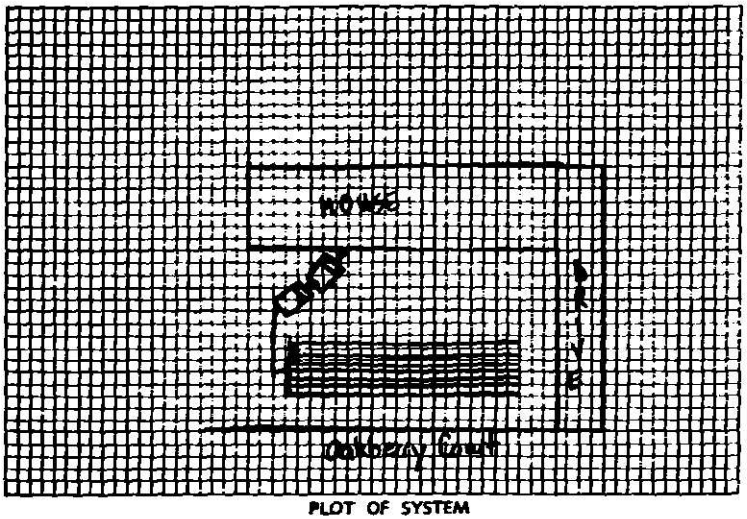
Date Issued 3/4/85

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

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

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 application 20704, dated 12/31/84 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 4/4/85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P5

Liquid Capacity of Tank 1500 + 1000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 450'

Number of Lines 7 X 65'

Distance from House 5'

Distance from Property Line 10'

Distance from Well Stay 100'

NAME OF OWNER Donald S. Parker

LOCATION OF PROPERTY 4525 Oakberry Court

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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.

Install in accordance with plans on file

Comments:

B. Hardister
Division or Section Head

Cynthia G. Ross
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.

BHD-S-76

Environmental Health Department's Copy

C of A (s) No. 20704
PD

Date Issued 3/5/85 **Serial** 7315 T C. No. 231-111-04
L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

OPERATION PERMIT

CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Parker (LAST) Donald (FIRST) S (MIDDLE)

Location of Property 4525 Oakberry Court

Application Number 20704 Permit Number 20704

Inspection Data:

Liquid Capacity of Tank 1500+1000 Tank Material PCC

Total Length of Drain Tile 450 Number of Lines 7@65'

Depth of Filter Material 12" Cover Depth 10"-12"

Water Supply Source well Distance from Water Source stay 100'

Excavation Inspected 3/5/85 (DATE) Tank Inspected 3/5/85 (DATE)

Nitrification Field Inspected 3/5/85 (DATE)

Washing Machine Line Inspected, If Applicable (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval 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 Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval 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

Cynthia G Bass
Environmentalist

EHD-5-76

Environmental Health Department Copy