R. C. S., Inc.

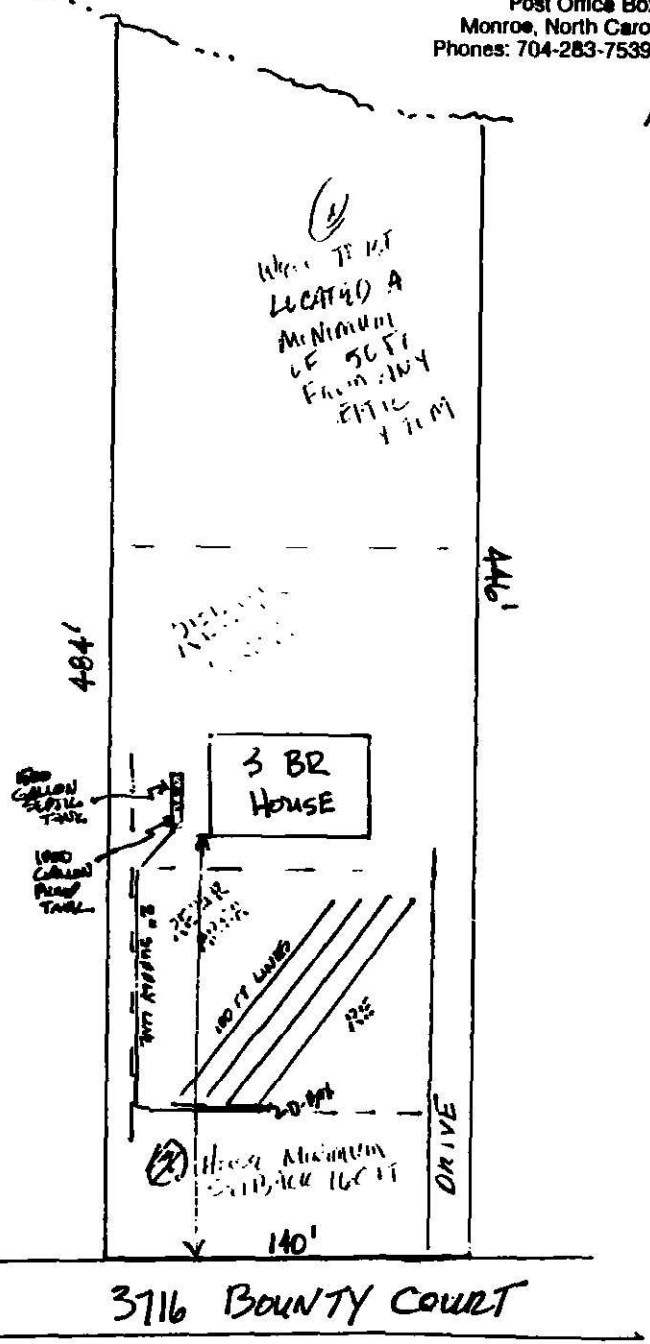
20709

Septic Tank Installation & Service

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

PERFORMANCE SERVICE & FINANCE.
3716 BOUNTY COURT
LOT 43 PROVIDENCE WOODS

1"=60'



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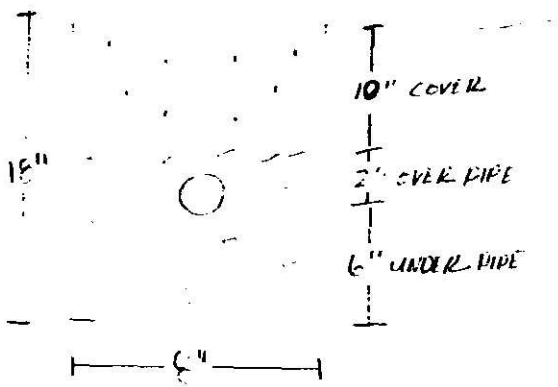
PROVIDENCE WOODS INC.

LOT 43, SEC. 5, 3716 BOUNTY COURT

SIR. NO. 20709

LINE	NO. OF HOLES	HOLE SPACING	FLOW/HOLE	FLOW/LINE	PRESSURE HEAD	FIRST HOLE
1	15	5'	.41	6.15	2'	30"
2	13	6.36'	.46	5.98	2'5"	
3	11	7.0'	.50	5.50	3'1"	
4	10	7.78'	.54	5.40	3'6"	
5	15	5'	.41	6.15	2'	
6	13	6.36'	.46	5.98	2'6"	
7	11	7.0'	.50	5.50	3'	
8	10	7.78'	.53	5.30	3'4"	



DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20701

T.C. NO. P0231-111-04

(Ground Absorption Sewage Disposal)

OWNER: Providence Woods Inc.
ADDRESS: 1740 E. Independence Blvd.
Charlotte, N.C. 28205
LOCATION OF SITE: County Court

PLAT NO: Lot 43 BV
LOT SIZE: Approx 60,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS U (Complex Slopes)	S PS U (2-10%)	S PS U (2-10%)	S PS U (2-10%)
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS U (Clay)	S PS U (Clay)	S PS U (Clay)	S PS U (2-1 Clay)
3. SOIL STRUCTURE (12-36 inches)	S PS U (Blocky)	S PS U (Blocky)	S PS U (Blocky)	S PS U (Blocky)
4. SOIL DEPTH (inches)	S PS U (<36")	S PS U (<36")	S PS U (36-40")	S PS U (24-36")
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U (<36")	S PS U (<36")	S PS U (>36")	S PS U (<36")
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U (Eroded Areas Channel runoff)	S PS U (>36" to ground water)	S PS U (>48" to ground water)	S PS U (Perched water table 24-36")
7. OTHER (Specify)	S PS U	S PS U	S PS U (Restricted Area)	S PS U
8. SOIL GROUP	IVA	IVA	IVA	IVB
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	unsuitable
10. SOIL SERIES	Complex Slopes	Pacolet Lake	Cecil Lake	Helena Lake

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: Might be considered for use w/ modified system. See note on back.

Described by: William R. Martin
Title: Soil Scientist

Date: 7-5-84

24

Marc's Spil

364-9458



This area rechecked 7-13-89. Parolet Lake area has soils w/ depths of 36-40" only one boring <36" was found in the 5 made. W. A. Martin 7-14-89

3/16/90 [illegible]

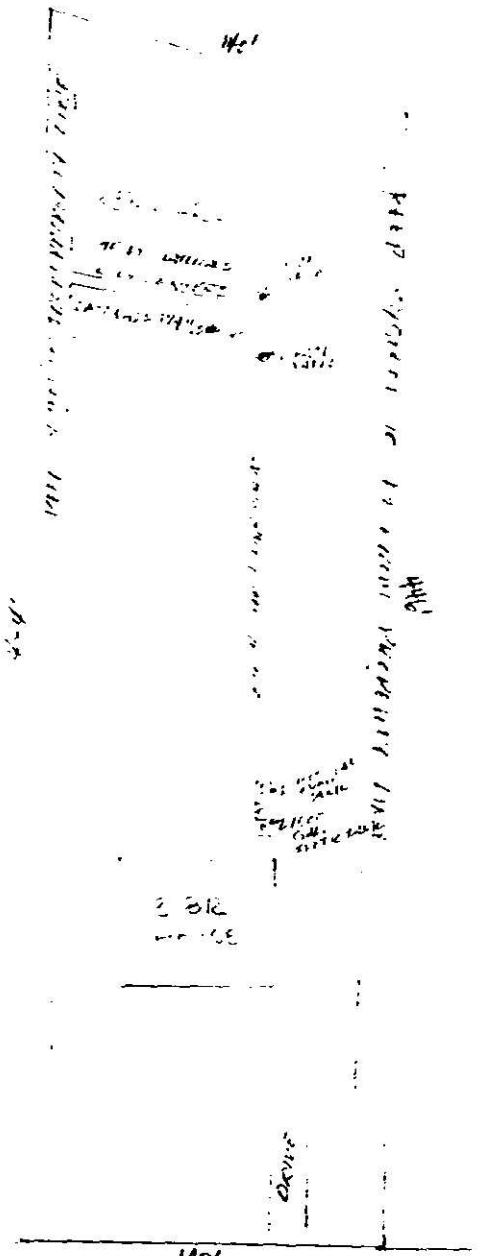
3/16/90 called Caldwell ↑

R. C. S., Inc.

Septic Tank Installation & Service

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

1" = 60'



* KEEP WELL MINIMUM 100 FT FROM SEPTIC SYSTEM

3716 COUNTY COURT

MECKLENBURG COUNTY
Department of Environmental Health

LPP System Design File 20709

Line No.	Hole Size	(Conv)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
1	5/32	0.16	15	2.0	0.41	5.0	6.11	0.081	75
2	5/32	0.16	13	2.5	0.46	5.9	5.92	0.079	75
3	5/32	0.16	11	3.1	0.51	7.2	5.57	0.074	75
4	5/32	0.16	10	3.6	0.55	8.1	5.46	0.073	75
5	5/32	0.16	15	2.0	0.41	5.0	6.11	0.081	75
6	5/32	0.16	13	2.6	0.46	5.9	6.03	0.080	75
7	5/32	0.16	11	3.0	0.50	7.2	5.48	0.073	75
8	5/32	0.16	10	3.4	0.53	8.1	5.31	0.071	75
			98				45.990		600

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

APPLICATION FOR SOIL INVESTIGATION

20709

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: ~~1098 #~~ 20709

TC: 231-112-03

L

MECK COUNTY DEPARTMENT OF
RECEIVED
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 3710 BOUNTY Ct.

② SUBDIVISION: PROVIDENCE WOODS ③ LOT: 43 ④ BLOCK: V

⑤ PARCEL REFERENCE: BOOK NO.: 231 PAGE NO.: 12 PARCEL NO.: 03

⑥ DEED REFERENCE: BOOK NO.: PAGE NO.:

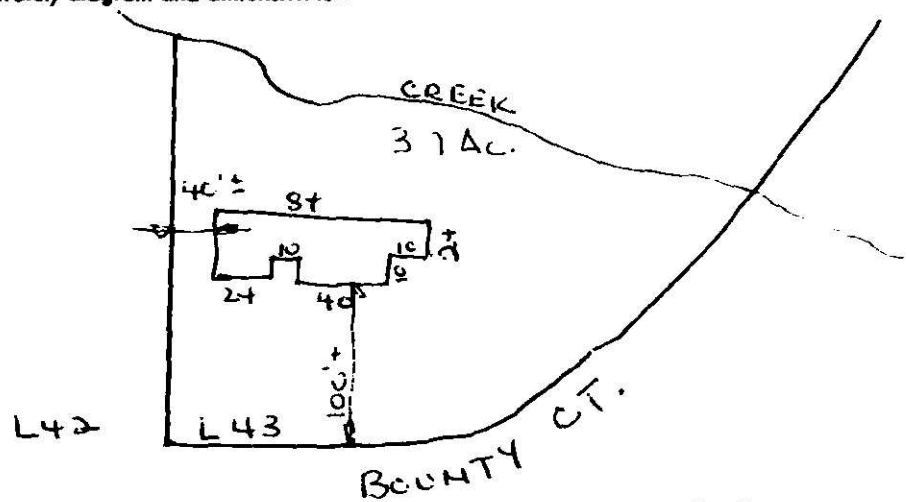
⑦ NAME: MEL DICKIE CONST. Co., INC.
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 1219 JAMESTOWNE DR.

⑨ CITY: MONROE ⑩ STATE: N.C ⑪ ZIP: 28110

⑫ PHONE: (WORK) 534-0407 (HOME) 283-1302

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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Mel Dickie

Date: 10/15/85

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

Performance Service & Finance, Inc.

February 29, 1984

Mecklenburg County
Department of Environmental Health
1200 Blythe Boulevard
Charlotte, NC 28203

Subject: Letter of Authorization

Gentlemen:

This letter is to authorize F. Philip Neuman of Sylvaco East Consultants to act as agent with your Department for Performance Service & Finance, Inc., Providence Woods, Inc., and our other affiliated companies.

If you should need further information, please call me at 372-2565.

Thank you.

Sincerely yours,

PERFORMANCE SERVICE & FINANCE, INC.

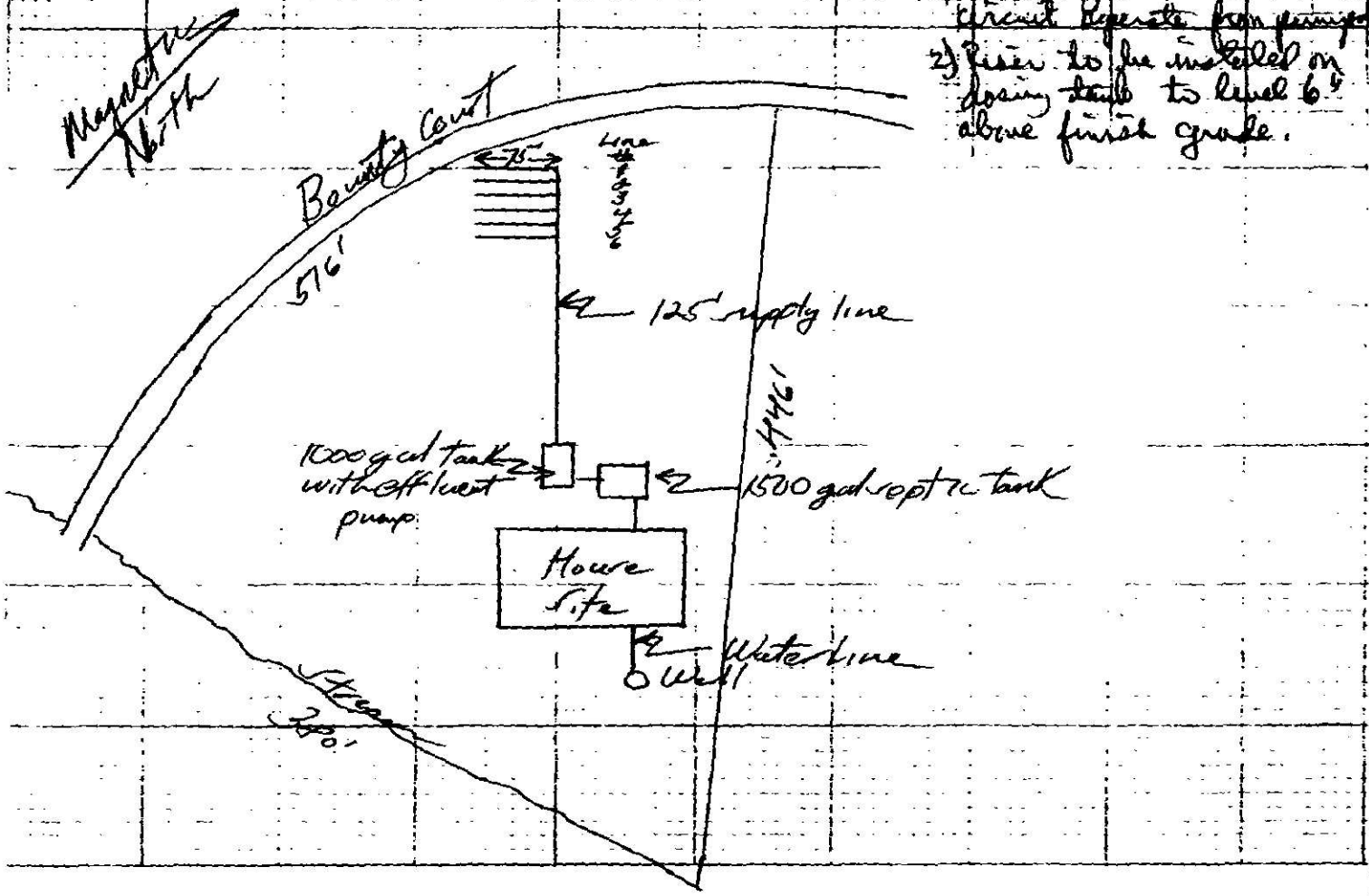
William Garith Allen
President

WGA/plb

cc: Mr. Bill Allen
Mr. Randy Allen

Proposed Low Pressure Pipe System for Providence Woods V #44

1) High water alarm to be installed in dosing tank. To be on circuit separate from pump.
2) Riser to be installed on dosing tank to level 6" above finish grade.



SIR 2011

SIR 2021

Low Pressure Pipe System for Providence Woods

II #44

Line No.	Pressure Head	Hole Size	Hole Spacing	No. Holes	Flow/ Hole (gpm)	Total Flow/ Line (gpm)
1	2 ft.	5/32"	5'	15	0.41	6.15
2	2	5/32"	5'	15	0.41	6.15
3	2.5	5/32"	5.75'	13	0.46	5.98
4	2.5	5/32"	5.75'	13	0.46	5.98
5	3	5/32"	~~6.25'~~ 5'	12	0.50	6.00
6	3	5/32"	~~6.25'~~ 5'	12	0.50	6.00
				80		36.26 gpm T- 3 gpm = 39.26 gpm

Low Pressure Pipe System for Providence Ward-V #44

Daily waste flow	450 gal
Septic tank size	1500 gal
Pumping tank size	1000 gal
Effluent loading rate	0.2 gpd/ft²
Absorption area	2250 ft²
Total length of laterals	450 ft.
Lateral diameter	1¼ in.
Lateral configuration	6 x 75 ft. loops
Supply line length	125 ft.
Supply line diameter	Sch 40 pipe — 2 in.
Manifold placement	Side
Hole size*	See attached
Number of holes	90
Pressure head	See attached
Flow per hole	See attached
Total flow	38.26 gpm
Elevation head	10 ft.
Friction head	3.6 ft.
Pressure head	3. ft.
Total head	16.6 ft.
Pump requirements	38 gpm @ 16.6 ft head
Storage volume in laterals	40.5 gal
Storage volume in supply line	20.25 gal
Total storage volume	60.75 gal
Dosing volume	222 — 112 gal
Dosing depth	≈9" — 5.5 in.
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).

SIR 2070

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

11/30/87 $50.00
CK# 12582 JR

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: ~~20710~~ 20709

TC: _____

SERIAL: № 13820

☒ L ☒ CRT

JOB LOCATION

① ADDRESS: 3716 (STREET NO) BOUNTY COURT (STREET) ② FILE: SIR NO. 20709

③ JURISDICTION: _____ ④ TAX PARCEL NO.: PO 231-111-04

⑤ SUBDIVISION: PROVIDENCE WOODS ⑥ LOT: 43 ⑦ BLOCK: 5

OWNER

⑧ NAME: PERFORMANCE SERVICE AND FINANCE / EDDIE ALLEN AGENT (FIRST) (MIDDLE) (LAST)

⑨ MAILING ADDRESS: 1740 E. INDEPENDENCE BLVD.

⑩ CITY: CHARLOTTE ⑪ STATE: NC ⑫ ZIP: 28205

⑬ PHONE: (WORK) 372-2565 ⑭ (HOME) _____

REQUEST

This request is for a(n):

⑮ ☒ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type? _____

㉓ Maximum occupancy? 4 ㉖ Maximum number of employees? _____

㉔ Basement? ☐ yes ☒ no 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: Performance Service & Finance (EA)

Date: 11/25/87

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.

Lot Status Report

[signature] 12-[illegible]
Environmental Date

[signature] 12-4-87
Director or Authorized Section Head Date

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

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

APPLICATION FOR AN IMPROVEMENT PERMIT

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

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

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 1 1987
ENVIRONMENTAL HEALTH

(OFFICE USE ONLY)

FILE:

TC:

SERIAL: № 13812 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 3716 (STREET NO) BOUNTY COURT (STREET) ② FILE: STR# 20709

③ JURISDICTION: ④ TAX PARCEL NO.: 231-111-04

⑤ SUBDIVISION: PROVIDENCE WOODS ⑥ LOT: 43 ⑦ BLOCK: SEC. 5

OWNER

⑧ NAME: PROVIDENCE WOODS, INCORPORATED (FIRST) (MIDDLE) (LAST)

⑨ MAILING ADDRESS: 1740 EAST INDEPENDENCE BLVD.

⑩ CITY: CHARLOTTE ⑪ STATE: NC ⑫ ZIP: 28205

⑬ PHONE: (WORK) 372-2565 ⑭ (HOME)

REQUEST

This request is for a(n):

⑮ ☑ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type?

㉓ Maximum occupancy? 4 ㉖ Maximum number of employees?

㉔ Basement? ☐ yes ☑ no 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: Tim Tatum (CH)

Date: July 1, 1987

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.

Environmentalist Date

Director or Authorized Section Head Date

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

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY

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

(OFFICE USE ONLY)
20709
FILE: ~~1099-A~~
TC: 231-112-03
L

JOB LOCATION

① ADDRESS: 3716 (STREET NO) BOUNTY (STREET) CT. ⑦ FILE:
③ CITY: MATTHEWS ④ TAX PARCEL NO.: 231-112-03
⑤ SUBDIVISION: PROVIDENCE WOODS ⑥ LOT: 43 ⑦ BLOCK: V

OWNER

⑧ NAME: MEL (FIRST) DICKIE (MIDDLE) CONST. CO., INC (LAST)
⑨ MAILING ADDRESS: 1219 JAMESTOWNE DR.
⑩ CITY: MONROE ⑪ STATE: N.C. ⑫ ZIP: 28110
⑬ PHONE: (WORK) 534-0407 ⑭ (HOME) 283-1302

REQUEST

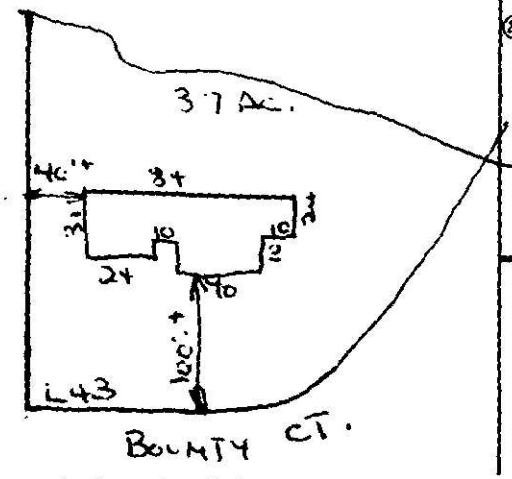
This request is for a(n):

⑮ ☑ New installation 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
㉕ Type? _____
㉓ Maximum occupancy? _____
㉖ Maximum number of employees? _____
㉔ Basement? ☐ yes ☐ no
㉗ Maximum number of seats? _____



㉘ Accurately dimensioned plot

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉚ 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: Mel Dickie
Date: 10/15/85

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

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

SIR. NO. 20709
T.C. NO. " PO 231-111-04
DATE: 7-6-84

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

RE: Property located at County Court, Lot 43. Sec. 5

Dear Sirs:

At your request, a field investigation was conducted on the property designated above and was classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreemnt Form" provided 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 3-1-84

SIB No. 20709

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 704-372-2665

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

5) SUBDIVISION Providence Woods LOT NO. 43 BLOCK NO. V

MAP BOOK NO. _____ PAGE NO. _____

6) DEED REFERENCE DEED BOOK 4871 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

Plan view of lot and map

7) ACCURATELY DIAGRAM & DIMENSION LOT

J. P. Meeman
OWNER Agent

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

R. C. S., Inc.

Septic Tank Installation & Service

PERFORMANCE SERVICE & FINANCE
3632 BOUNTY COURT
LOT 44 PROVIDENCE WOODS

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

