Date Received 8-13-84

RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21309

T. C. No. P0135-371-77

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER BOB McLEMORE CO INC.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BOX 25746 CHAR ZIP 28212

3) PHONE NO. Home —— Office 545-6111

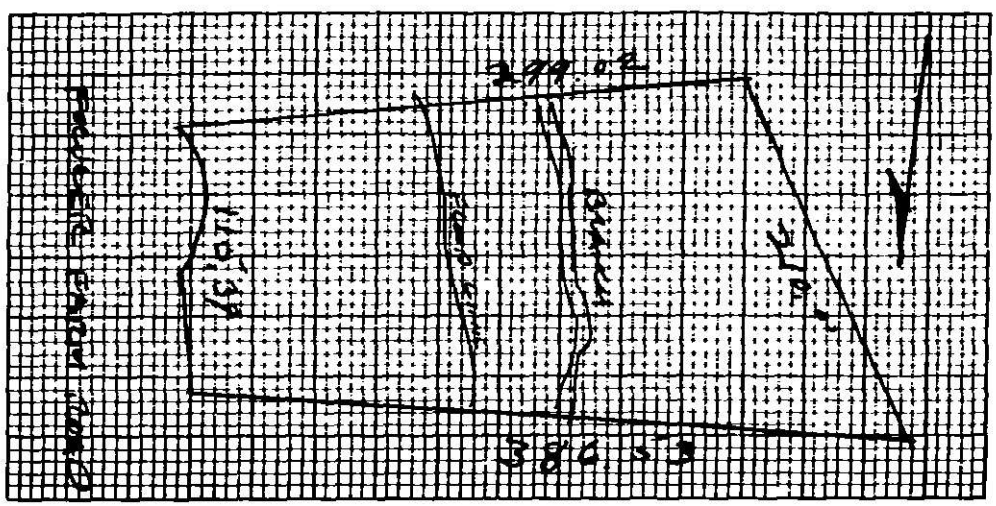
4) LOCATION OF PROPERTY 5109 FOWLER FARM ROAD
(STREET OR COUNTY ROAD)

5) SUBDIVISION FARMWOOD SEC 20 LOT NO. 15 BLOCK NO. W

MAP BOOK NO 20 PAGE NO. 611

6) DEED REFERENCE: DEED BOOK ____ PAGE NO. ____

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.



7) ACCURATELY DIAGRAM & DIMENSION LOT

BOB McLEMORE CO INC.
OWNER

8-7-84

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21309

T.C. NO. PO 135-391-99

(Ground Absorption Sewage Disposal)

OWNER: B&B McGLEMORE CO.
ADDRESS: PO Box 25746 Charlotte 28212
PLAT NO:
LOT SIZE: 5± ACH
LOCATION OF SITE: 5169 Fowler Farm Rd
14-10-15

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-6	S PS U 2-6	S (PS) U 0-2	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clayey	S (PS) U Clayey	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36-40'	S PS (U) 10-12	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S (PS) U None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U Adequate	S (PS) U Adequate	S PS U	S PS U
7. OTHER (Specify) Restrictive To Inadequate Area	S PS (U)	S PS U	S PS U	S PS U
8. SOIL GROUP	IIIe.	IVe.	IVe+2	
9. SITE CLASSIFICATION	Unsuitable	Unsuitable	Unsuitable	
10. SOIL SERIES	Cecil	Cecil	Fired Plain	

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)

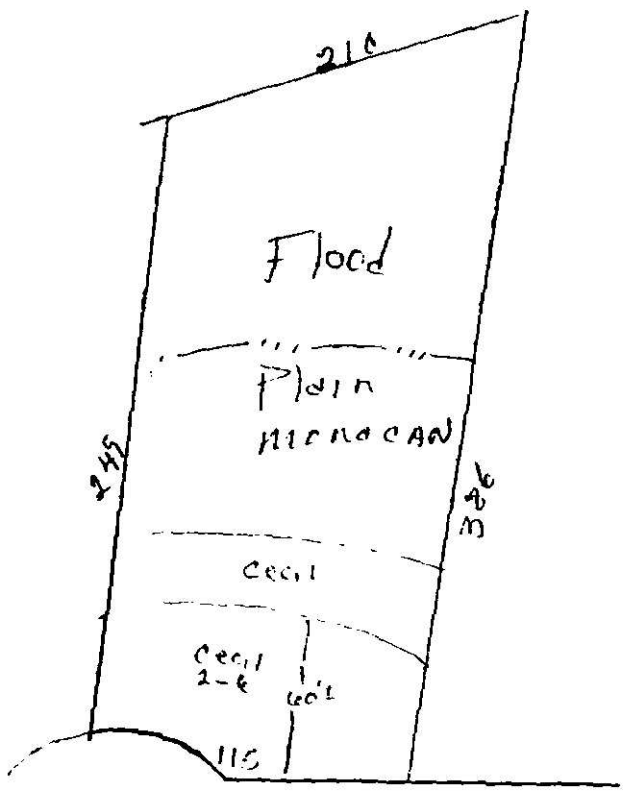
Recommendations/Comments:

Described by: Willard B. Ramsey
Title: Soil SCIENTIST

Date: 11-2-84

1H

W 15



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

SIR. NO. 21309
T.C. NO. PO 135-391-99
DATE: 11-7-84

Bob McLemore Company
P.O. Box 25746
Charlotte, NC 28212

RE: Property located at 5109 Fowler Farm Road

Dear Sir:

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,

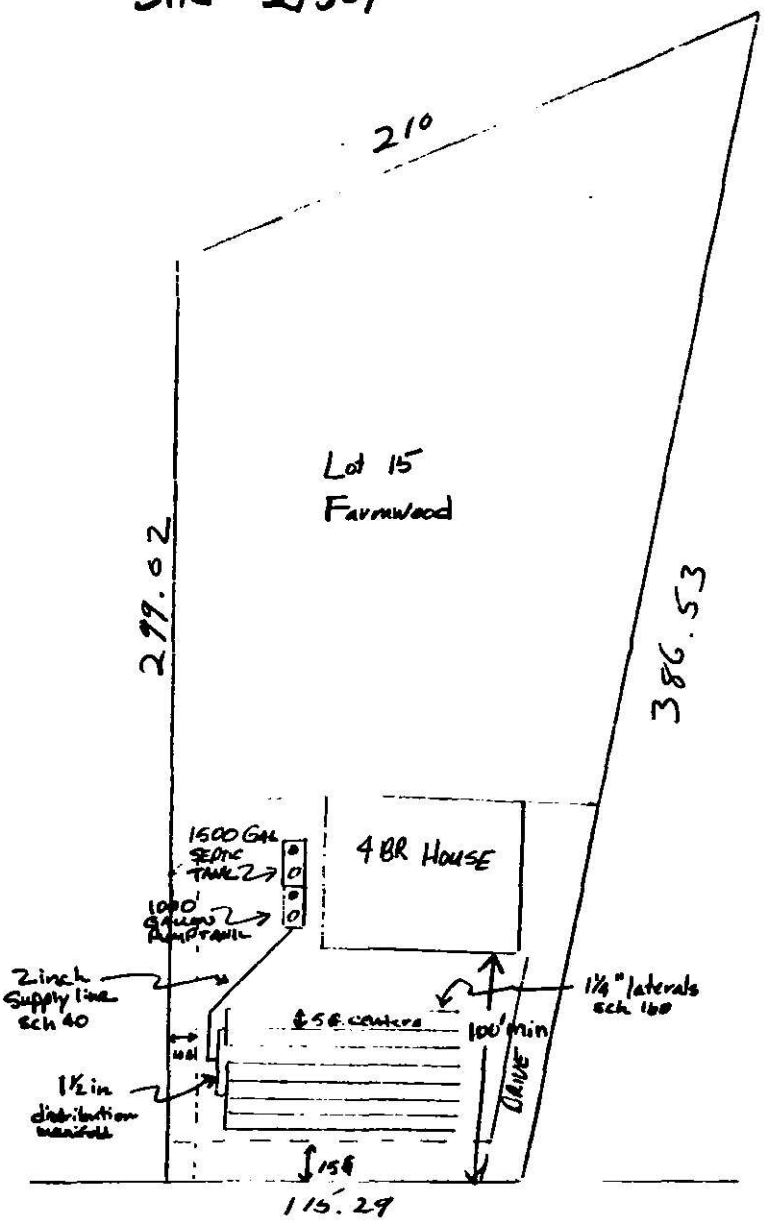
Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

BOB MCLENDRE HOMES
5109 FOWLER FARM ROAD
LOT 15W FARMWOOD

SIR # 21309



.05

5109 FOWLER FARM RD.

R. C. S., Inc.

Septic Tank Installation & Service

Bob McLemore Homes
5109 Fowler Farm Rd.
Lot 15W Farmwood
SIR # 21309

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

Daily waste flow	600 gallons
Septic tank size	1500 gallons
Pump tank size	1000 gallons
Effluent loading rate	0.20 gal/ft 2/day
Absorption area	3000 ft 2
Total length of laterals	600 ft
Lateral diameter	1¼ in, sch 160
Lateral configuration	8 x 75 ft lines
Supply line length	60 ft
Supply line diameter	2 in, sch 40
Manifold placement	side
Hole size	5/32 in
Hole spacing	see chart
Number of holes	~~99~~ 103
Pressure head	see chart
Flow per hole	see chart
Total flow	~~44.98~~ gpm 46.58
Elevation head	8.2 ft
Friction head	~~2.35~~ ft 2.9
Pressure head	3 ft
Total head	~~13.35~~ ft 14.1
Pump requirements	~~44.98~~ gpm at ~~13.35~~ ft of head 46.58 @ 14.1'
Storage volume in laterals	54 gal
Storage volume in supply line	9.72 gal
Total storage	63.72 gal
Dosing volume	200 gal
Dosing depth	9.6 in - Verify on site 1985
check valve needed?	no

Line	Pressure Head	Flow Rate/Hole	No. Holes	Flow Rate/Line	Hole/Spacing	First Hole
1	2 ft	.41 gpm	15	6.15 gpm	~~4.7~~ ft 5'	30 in
2	2 ft 1 in	.42	14	5.88	~~5.4~~ 5'4"	"
3	2 ft 2 in	.43	13	5.59	~~5.8~~ 5'10"	"
4	2 ft 10 in	.48	~~11~~ 12	~~5.28~~ 5.76	~~6.4~~ 6'4"	"
5	3 ft 4 in	.53	~~9~~ 11	~~4.77~~ 5.83	~~8.0~~ 7'	"
6	2 ft	.41 gpm	15	6.15 gpm	~~6.15~~ ft 5'	30 in
7	2 ft 10 in	.48	12	5.76	~~5.76~~ 6'4"	"
8	3 ft 6 in	.54	~~10~~ 11	~~5.40~~ 5.94	~~5.40~~ 7'	"
			103	46.58		

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

March 11, 1985

Nat Sheperd
Bob McLemore Company, Inc.
P. O. Box 25746
Charlotte, NC 28212

Reference: 5109 Fowler Farm Road
5221 Fowler Farm Road
6047 Gold Wagon Road

Dear Mr. Sheperd:

Receipt of the alternate system plans of liquid waste disposal proposed for installation on the above referenced sites, is hereby acknowledged. Upon receipt of the plans, a review was made of the soil evaluation reports on file. Additional site evaluations were conducted, and the plans were then reviewed in conjunction with the provisions of 10 NCAC 10A ,1900, Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal. Our comments are listed below:

5109 Fowler Farm Road (SIR 21309)

The plan appears to meet criteria addressing LPP installations with the modifications indicated on the attached copies. Should these modifications meet your approval, please complete and return the enclosed agreement form and an Improvement Permit will be issued.

6047 Gold Wagon Road (SIR 21044)

The site does not meet specifications requiring an area equal in size to the original installation, to serve as a repair area.

5321 Fowler Farm Road (SIR 21339)

The system as presented would cross an area of complex slopes. This site is unsuitable for such an installation.

If there are any questions regarding this matter, please contact me at 376-4603.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor
On Premises Waste Disposal Section

BDH/kbg

cc: File 21309
File 21044
File 21339
Enclosure

SEE INSTRUCTIONS ON BACK

Date Received _____

ICAR(S) Application No. 21309

T. C. No. PO 135-391-77

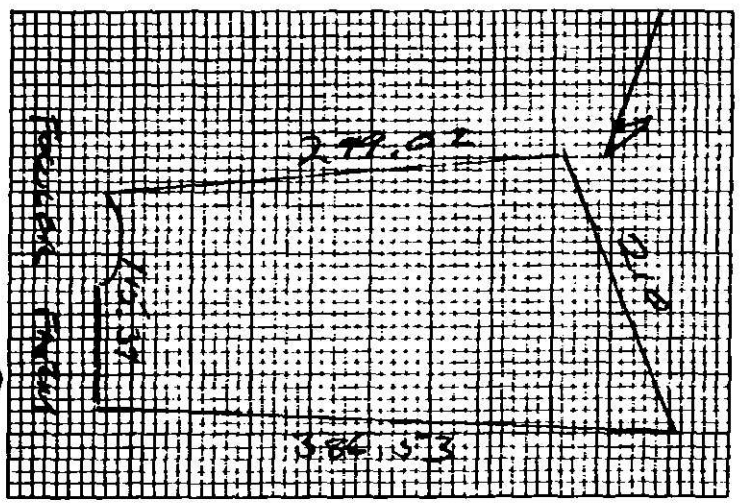
Map Date _____

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 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.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___ Yes ✓ No
Residence ✓ Yes ___ No

4) No of Bedrooms 4
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. ___

13) NAME OF OWNER (LAST, FIRST, MIDDLE) BOB McLEMORE CO. INC.

14) ADDRESS OF OWNER PO BOX 25746 CHARLOTTE 28212

15) PHONE NO. Home ___ Office 545-6111

16) LOCATION OF SYSTEM 5109 FOWLER FARM RD (STREET OR COUNTY ROAD)

17) SUBDIVISION FARMWOOD SEC. 20 Lot No. 15 Block No. W

Map Book No. 20 Page No. 611

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 11-7-84

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.

2-27-85
DATE OF APPLICATION

BOB McLEMORE CO INC
OWNER

BY _____

EHD-S-76

Environmental Health Department's Co

Date Issued 3-29-1985

Serial No. 8339

SIR No. 21309

T. C. No. PO 13[illegible]-391-99

Map Date LOT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Environmental 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 Bob McLemore Co., Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P. O. Box 25746, Charlotte, NC ZIP 28212

LOCATION OF LOT 5109 Fowler Farm Road
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. 15 BLOCK NO. W

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 21309. 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.
3. House to be set back 100 feet from Fowler Farm Road

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.

*** AGREEMENT FORM ON TILE ***

Cynthia G. Bass
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Site reclassified Provisionally Suitable pursuant to 10 NCAC 1A .1948(c) and Departmental policy regarding alternate septic tank system installation.

Environmental Health Department's Copy

REAL ESTATE BOOK PAGE 195

4993 0315

PRESENTED FOR REGISTRATION

FILE NO. 21309

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

MAR 28 3 15 PM '85
CHARLES E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.C.

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, Robert V. McLemore, President of Bob McLemore & Co., Inc.,

owner of property located at Lot #15 W, 5109 Fowler Farm Road, Farmwood, Section 20,

("the site") and described in an instrument recorded in Book 4647 at Page 937, Mecklenburg Public Registry,

hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require..

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the names or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 27th day of March, 1985.

SEAL

Attested By: Billy E. Coggins Prepared by:
Billy E. Coggins
Asst. Secretary

(SEAL)
Robert V. McLemore, President
Bob McLemore & Co., Inc.
(SEAL)

Return to Dept. of Environ. Health

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 1984.

Notary Public

My Commission Expires: _____

FEE 5.00
5.00
CASH 5.00
8:29 #2406 000
03/29/85

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG UNION

I, Kristy McLemore (Carriker), a Notary Public for said County and State, do hereby certify that Robert V. McLemore personally came before me this day and acknowledged that he is President of Bob McLemore & Co. Inc., and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Billy E. Coggins Asst. Secretary

WITNESS my hand and notarial seal, this 27th day of March, 1985

Kristy McLemore (Carriker)
Notary Public

My Commission Expires: 12/08/87

REAL ESTATE
BOOK PAGE

4993 0316

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Kristy McLemore (Carriker)

a Notary(~~ies~~) Public of Union County and State of North Carolina
is/~~are~~ certified to be correct. This 28 day of March, 19 85
Charles E. Crowder, Register of Deeds, By: [signature] Deputy/Assistant