Date Received 10-18-83

RECEIVED
OCT 18 1983
ENVIRONMENTAL HEALTH

SIR No. 20136
T. C. No. 111-031-26
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER D.C. Robeson Co. Inc
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER 10007 Harrisburg Rd ZIP 28215

3) PHONE NO. Home 537-5820 Office

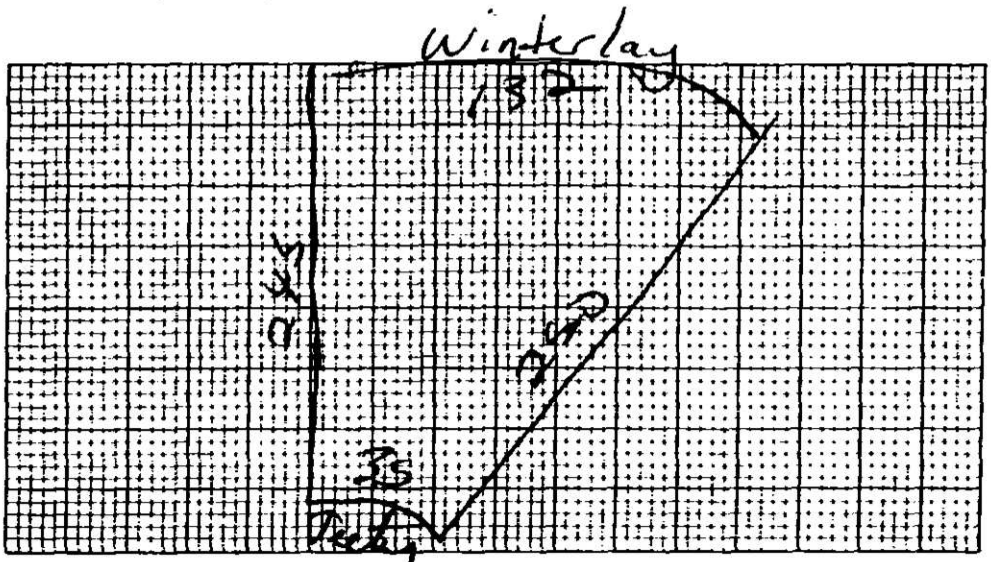
4) LOCATION OF PROPERTY Harrisburg Rd
(STREET OR COUNTY ROAD)

5) SUBDIVISION Winterwood Est LOT NO. 6 BLOCK NO.

MAP BOOK NO. PAGE NO.

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

D.C. Robeson
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY
Department of Environmental Health

December 9, 1985

D. C. Robeson Company
10007 Harrisburg Road
Charlotte, N. C. 28215

Dear Sir:

RE: Property located at Harrisburg Road, Lot 6
FILE: 20136
PARCEL: PO 111-031-25

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as UNSUITABLE under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the site evaluation report (Serial No. 10049) is enclosed for your information.

The soil on this property is not suitable for use with any conventional system, modified or alternative, with which I am aware.

If I can be of assistance, please do not hesitate to call.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 10049

File: 20136 Action 3rd

Parcel: 20.111-031-25 ☐ PC

Location: Harrisburg Road

Subdivision: Wintermood Est.

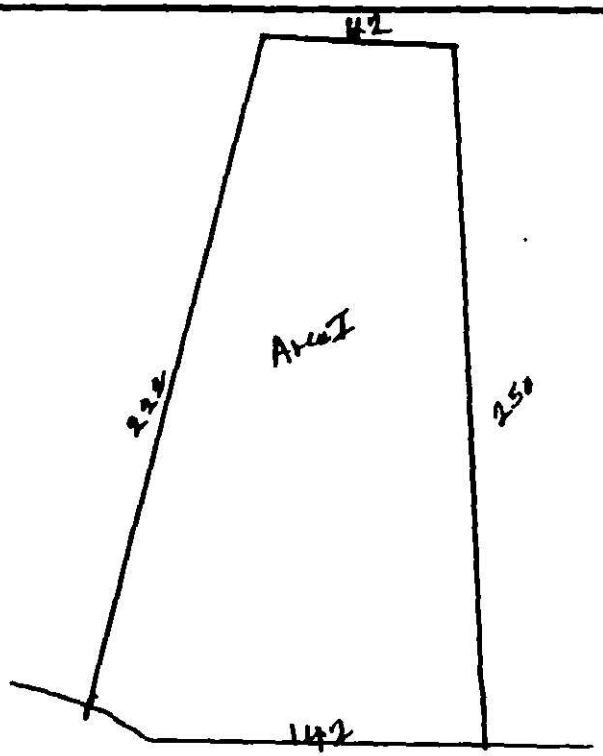
Lot: 6 Block: Acres: .51

Owner: D.C. Robeson Co.
Address: 10007 Harrisburg Rd.
Charlotte, N. C. 28215

Comments: _____

Described by: W1 Ramsey

Date: 12-5-25



***** 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 0 - 4%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS (U) 18 - 20"	S PS U	S PS U	S PS U	S PS U	S PS L
Depth	S PS (U) 30	S PS U	S PS U	S PS U	S PS U	S PS L
Restrictive Horizons	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS L
Available Space	S PS U	S PS U	S PS U	S PS U	S PS U	S PS L
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS L
Soil Group/Series	(Helena)					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS L

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: ~20136
TC:
SERIAL: Nº 13813

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 8 1987
ENVIRONMENTAL HEALTH

☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 8116 (STREET NO.) WINTERWOOD PLACE (STREET) ② FILE: 20136

③ JURISDICTION: MECK ④ TAX PARCEL NO.: 111-031-25 PO

⑤ SUBDIVISION: WINTERWOOD ESTATES ⑥ LOT: 6 ⑦ BLOCK:

OWNER

⑧ NAME: D.C. (FIRST) ROBESON COMPANY / (MIDDLE) MR. JOE TRIPP (LAST)

⑨ MAILING ADDRESS: 10007 HARRISBURG RD.

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

⑬ PHONE: (WORK) 536-3869 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: Joe Tripp (CR)

Date: July 7, 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.

MECKLENBURG COUNTY

Department of Environmental Health

July 10, 1987

D.C. Robeson Company
10007 Harrisburg Road
Charlotte, NC 28215
Attn: Mr. Joe Tripp

Dear Mr. Tripp:

Subject: Property located at 8116 Winterwood Place
File: 3300A

Receipt of the plans and specifications for a modified system of sewage disposal proposed for installation at the above referenced property is hereby acknowledged. Upon receipt of the plan, a review was made of the material on file and a site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 10 NCAC 10A .1900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal". Our comments are listed below:

1. The site evaluation report dated May 15, 1987 indicates that the soil is classified as unsuitable with respect to texture, structure, drainage, and depth. A perched water table occurs at 30 inches.

2. The trench detail indicates the proposed trenches would be 30 inches deep. The State sewage rules require that at least one foot of natural soil separation occur between the trench bottom and the uppermost elevation of the seasonally high or perched water table.

3. We have received no substantiating data that such a system will be expected to function properly and/or prevent contamination of any drinking water, ground water used for drinking water, or any surface water, or that effluent will not be exposed on the ground surface or be discharged to surface waters where it would come in contact with people, animals, or vectors.

For these reasons, the plans as submitted are disapproved.

If you have any questions regarding these matters, please do not hesitate to contact me.

Very truly yours,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor

SDD/ir

MECKLENBURG COUNTY
Department of Environmental Health

March 29, 1988

MEMO: File 20136

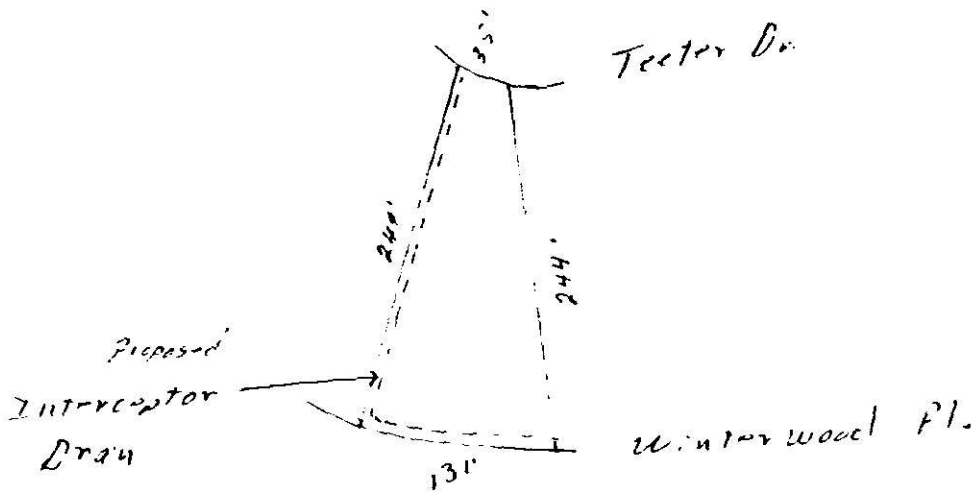
FROM: W. R. Marlin, Soil Scientist W. R. Marlin

A visit was made to lot 6, Winterwood Place on March 23, 1988. Present were W. R. Marlin and W. B. Ramsey, Soil Scientist with Mecklenburg County Health Department, and Joel Cawthorne, Soils Specialist, Division of Health Services. Soil borings were made on the lot to determine suitability for septic tank system installation.

The front portion of the lot (from the street to approximately 75-100 feet into the lot) is the widest portion of the tract. The soils in this area are provisionally suitable with respect to structure (blocky), texture (clay), depth (greater than thirty-six inches to ground water and saprolite), and slope (2-8%). The lot would require a 100% repair area. However, the lot is classified as unsuitable with respect to available space. it appears that there may not be enough area to install the system and the repair area if needed.

In the event that the lot is determined to have an adequate acceptable soils area for the system installation, it is recommended that an interceptor drain be installed along the left property line as viewed from the street. This drain should extend to the rear of the lot and cross over the front of the lot to an outlet on the right side of the lot. Depth of the interceptor drain should be approximately four feet. A narrow trench (approximately 8 inches wide) with a drain in the bottom and backfilled with clean gravel should be sufficient.

Sketch For Memo to File 20136
W. R. Marlin - Soil Scientist 5-29-86



#20136

10-24-89 Awaiting Resubmittal of Drawing with Proper Setbacks and placement of French Drain

9-17-90 Received Call; Further Action Not Needed @ Present

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

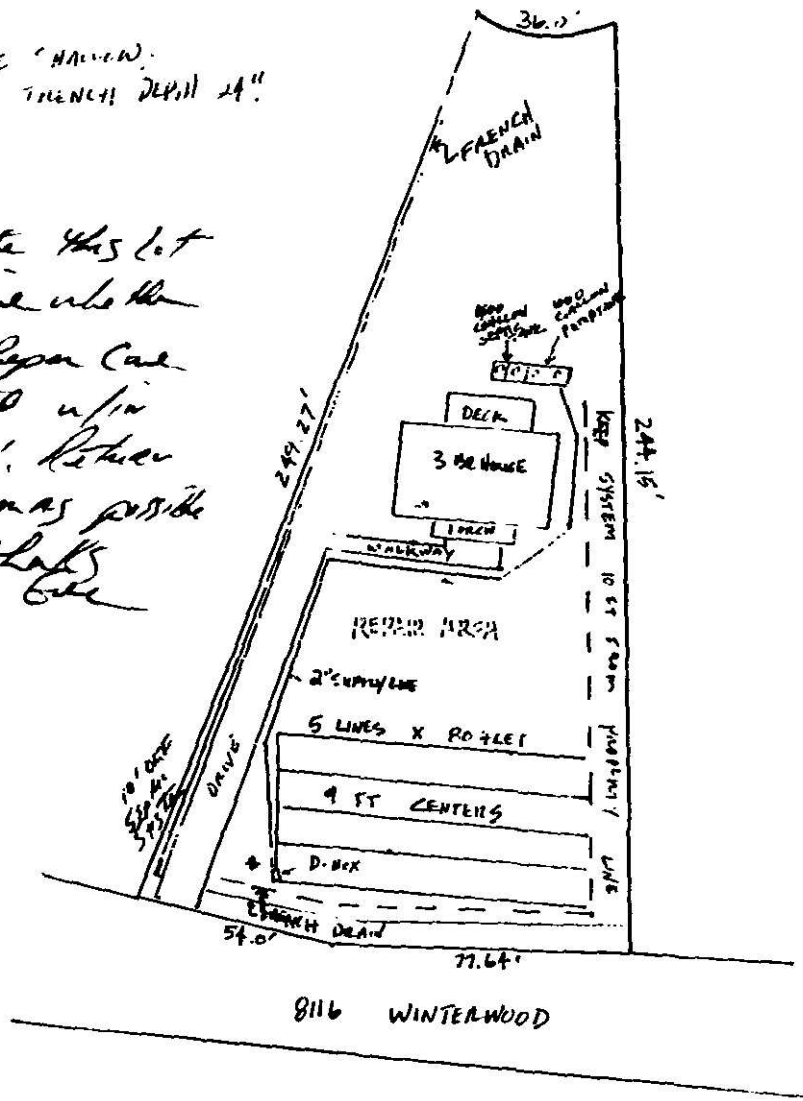
RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
OCT 1
ENVIRONMENTAL HEALTH
DIVISION

M.T. CONTRACTORS
P.O. BOX [illegible]
CHARLOTTE, NC [illegible]
FILE 20136

1"=40'

* KEEP LINES SHALLOW.
MAXIMUM TRENCH DEPTH 24".

Bill
Evaluate this lot to determine whether System & Repair Can be located w/in first 100'. Return to me as soon as possible
Thanks
Gene



R. C. S., Inc.

Septic Tank Installation & Service

D.C. ROBESON CO.
10007 HARRISBURG RD.
CHARLOTTE, NC 28215
FILE 20136

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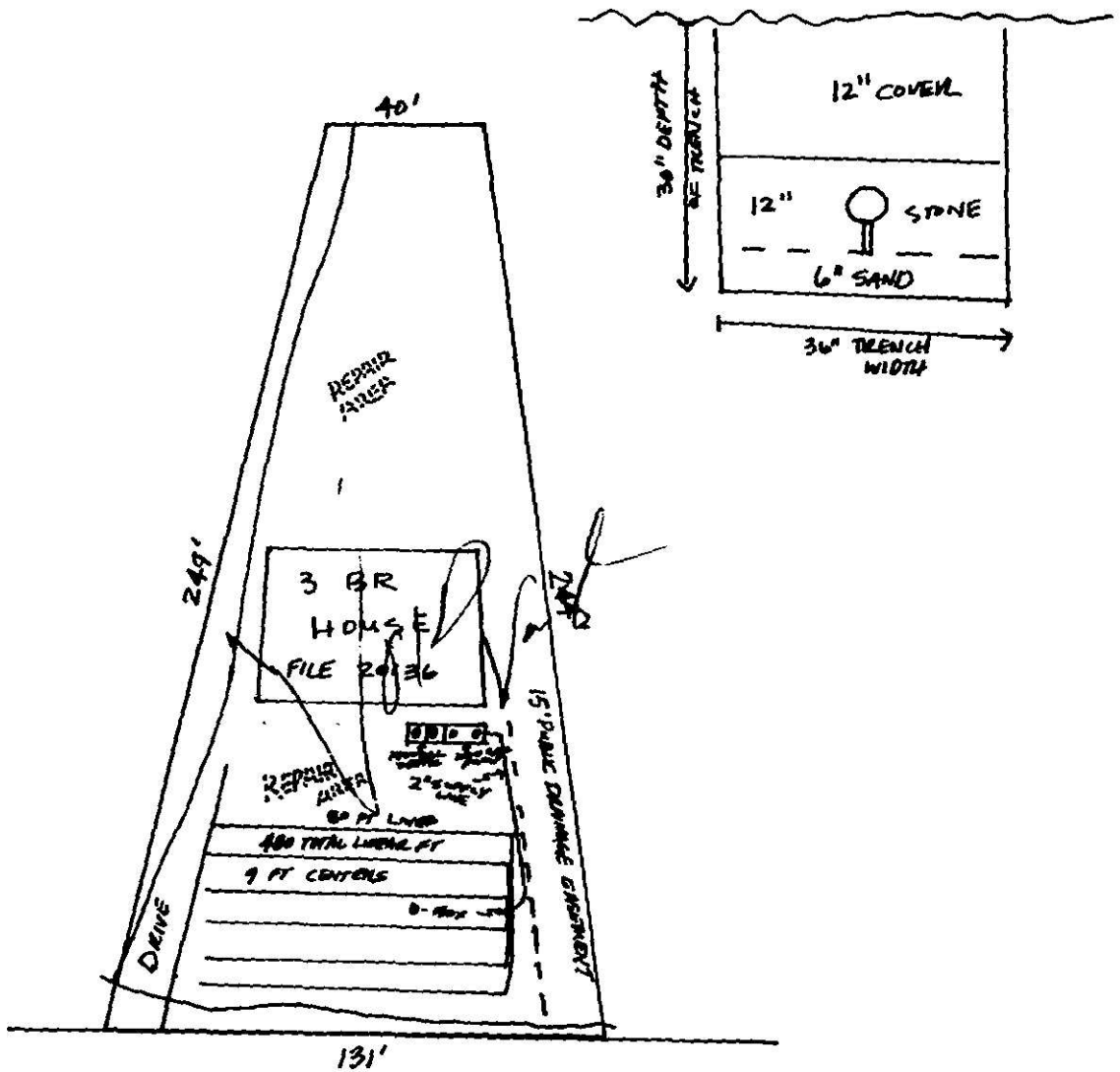


816 WINTERWOOD PLACE

WINTERWOOD ESTATES
SUBDIVISION

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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: 20136
TC: [illegible] 031.26
SERIAL: № 18034 ☐ I ☐ CRT

JOB LOCATION

① ADDRESS: 8116 Winterwood Place (STREET NO. / STREET) ② FILE: 20136
③ JURISDICTION: ④ TAX PARCEL NO.: PC 111 031 25
⑤ SUBDIVISION: Winterwood Estates ⑥ LOT: 6 ⑦ BLOCK:

OWNER

⑧ NAME: M T CONTRACTORS, INC. (FIRST) (MIDDLE) (LAST)
⑨ MAILING ADDRESS: P.O. BOX 221408
⑩ CITY: CHARLOTTE ⑪ STATE: N.C. ⑫ ZIP: 28222
⑬ PHONE: (WORK) 563-5025 ⑭ (HOME)

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? 3 ㉕ Type?
㉓ Maximum occupancy? 3 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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Ronnie S Butler - Assist. Secr.
Date: 7/12/89

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, 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 Mecklenburg County Health Department or an authorized section head in order to be valid.

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

DATE: July 14, 1989

NAME/COMPANY: M-F Contractors

Sanitation _____

Vector Control _____

OPWD ✓

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
JUL 14 1989

SERVICE: Imp Dist.
#120136

FEE: 200 -

[signature]
Completed By

Susan Latimer
Collected By

Pd C2981
7/12/89

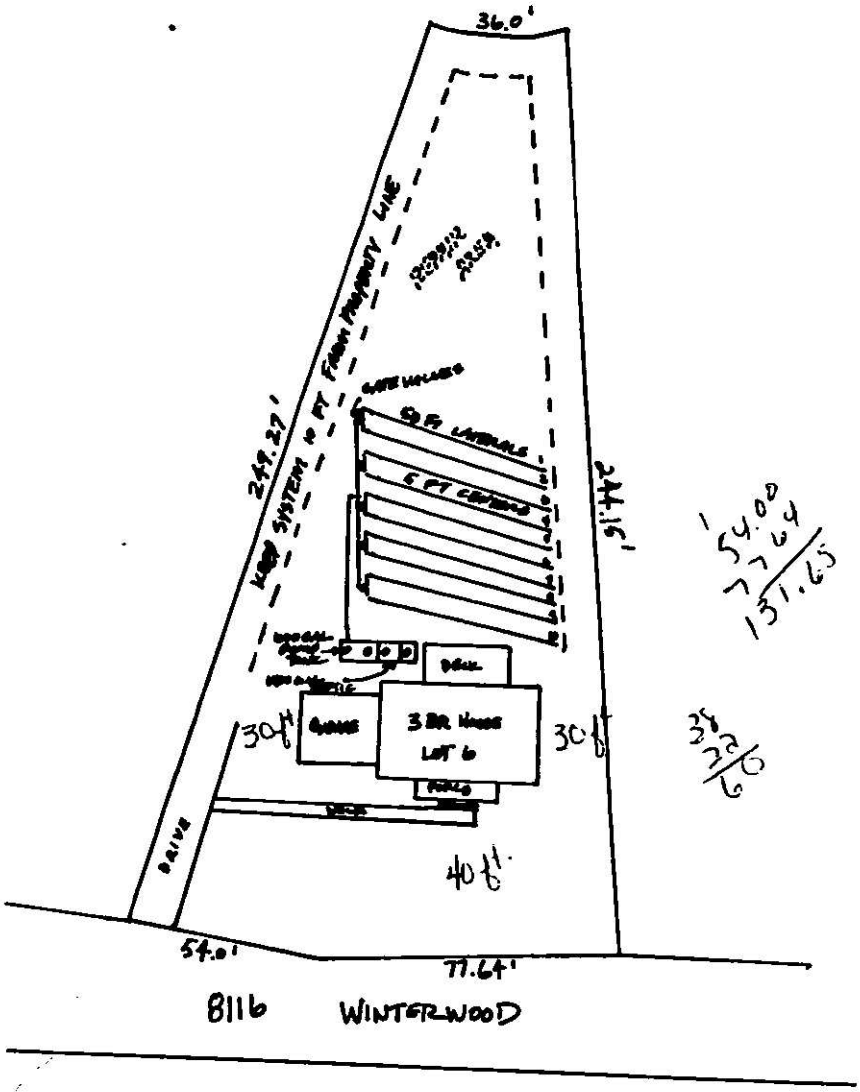
R. C. S., Inc.

Septic Tank Installation & Service

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7538 or 376-8358

M.T. CONTRACTORS
P.O. Box 22851
CHARLOTTE, NC 28222
FILE 20136

1"=40'



M.T. CONTRACTORS
P.O. BOX 221161
CHARLOTTE, NC 28222

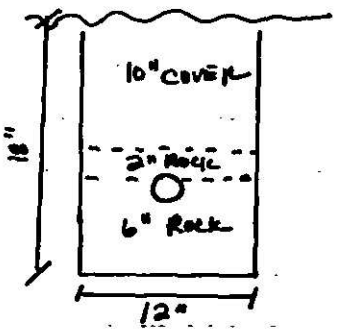
FILE 20136
LOT 6 WINTERWOOD

DAILY WASTE FLOW	360 GALLONS
SEPTIC TANK SIZE	1500 GALLONS
PUMP TANK SIZE	1000 GALLONS
EFFLUENT LOADING RATE	.16 GAL./FT²/DAY
ABSORPTION AREA	2250 FT²
TOTAL LENGTH OF LATERALS	500 FT
LATERAL DIAMETER	1¼", SCH. 160
LATERAL CONFIGURATION	10 X 50 FT LINES
SUPPLY LINE LENGTH	60 FT
SUPPLY LINE DIAMETER	2", SCH. 40
MANIFOLD PLACEMENT	SIDE
HOLE SIZE	5/32"
HOLE SPACING	SEE CHART
NUMBER OF HOLES	" "
PRESSURE HEAD	" "
FLOW PER HOLE	" "
TOTAL FLOW	36.02 GPM
PUMP REQUIREMENTS	36.02 GPM @ 12.5 FT OF HEAD
STORAGE VOL. IN LATERALS	45 GALLONS
STORAGE VOL. IN SUPPLY LINE	9.72 GALLONS
TOTAL STORAGE VOL.	54.72 GALLONS
DOSING VOL.	234.72 GALLONS
DOSING DEPTH	8.64"
CHECK VALVE?	YES

ELEVATION HEAD	8 FT
FRICTION HEAD	1.5 FT
PRESSURE HEAD	3 FT
TOTAL HEAD	12.5 FT

FILE 20136 , LOT 6 WINTERWOOD

LINE	PRESSURE HEAD	FLOW RATE/ HOLE	NO. OF HOLES	FLOW/ LINE	HOLE SPACING	FIRST HOLE
1	2'	.41	10	4.10	5'	30"
2	2'3"	.43	9	3.87	5.6'	30"
3	2'6"	.46	8	3.68	6.4'	30"
4	2'9"	.48	7	3.36	7.5'	30"
5	3'	.50	6	3.0	9'	30"
6	2'	.41	10	4.10	5'	30"
7	2'3"	.43	9	3.87	5.6'	30"
8	2'6"	.46	8	3.68	6.4'	30"
9	2'9"	.48	7	3.36	7.5'	30"
10	3'	.50	6	3.0	9'	30"



DATE:

TO: [illegible] DEPARTMENT ENVIRONMENTAL HEALTH

FROM: COUNTY ENGINEERING

SIL FILE ... 20136 ... JURISDICTION CODE

PARCEL NUMBER p.o. 111-031-25

ASSIGNED ADDRESS: 8116 Winterwood Place

EXISTING ADDRESS

PROJECT NAME

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	NOT APPROVED
1. SUBDIVISION REGULATIONS	☐	☐ *
2. FLOODWAY REGULATIONS	☐	☐ *
3. EROSION CONTROL REGULATIONS	☐	☐ *
4. COMMERCIAL DRAINAGE PLAN	☐	☐ *

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	☐ *	☐
	YES	NO
6. PROPERTY FRONTS ON THOROUGHFARE	☐ *	☐
	YES	NO
7. DRIVEWAY PERMIT REQUIRED	☐ *	☐

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

REMARKS:

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: Pamela S. Butler

OPWEAR 02/86

Mecklenburg County
Health Department

Basil G. Bella, M.D., M.P.H.
Health Director

LPP System Design File 20136

Line No.	Hole Size	(Conv)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
1	5/32	0.16	10	2.0	0.41	5.0	4.07	0.081	50
2	5/32	0.16	9	2.3	0.44	5.7	3.93	0.079	50
3	5/32	0.16	8	2.6	0.46	6.7	3.71	0.074	50
4	5/32	0.16	7	2.9	0.49	8.0	3.43	0.069	50
5	5/32	0.16	6	3.0	0.50	10.0	2.99	0.060	50
6	5/32	0.16	10	2.0	0.41	5.0	4.07	0.081	50
7	5/32	0.16	9	2.3	0.44	5.7	3.93	0.079	50
8	5/32	0.16	8	2.6	0.46	6.7	3.71	0.074	50
9	5/32	0.16	7	2.9	0.49	8.0	3.43	0.069	50
10	5/32	0.16	6	3.0	0.50	10.0	2.99	0.060	50
			80				36.270		500

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