


6/26/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
*Barcode Font = IDAutomationHC39M*

FEE: 200.00 Check #741

DATE: 1/15/02 SC

# APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

TYPE APPLICATION: __ NEW SYSTEM _ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 7195A

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 111-261-30

STREET ADDRESS: 13249 Marlstone Lane

SUBDIVISION OR MOBILE HOME PARK NAME: Run River Run Phase 1, Map 3 Rev.

LOT NUMBER: 20

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
√ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

TOWNSHIP (CHECK ONE):

__ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
__ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 4

CLOSING DATE: _____

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON SLAB
__ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES √ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C)
__ MUNICIPAL (M)
√ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES __ YES √ NO
EXISTING WASTEWATER SYSTEMS __ YES √ NO
EASTMENTS OR RIGHT-OF-WAYS √ YES __ NO
WELL, SPRINGS OR WATERLINES __ YES √ NO
DESIGNATED WETLANDS __ YES √ NO

PROPERTY OWNER:

NAME: Malone Samuel P.
(LAST) (FIRST) (MI)

ADDRESS: P.O. Box 1139

CITY: Matthews STATE: NC ZIP: 28106

DAYTIME PHONE: ( ) 704 - 847-9026

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) –

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 6230-417 2-23-1990

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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: _____ DATE: 1-11-02

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR , SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1
Property ID: 111-261-30
Lot #: 20
File #: 7195A
Code: 3

#05

# SOIL/SITE EVALUATION
# for ON-SITE WASTEWATER SYSTEM

Owner: Samuel P. Malone
Applicant:
Address: P. O. Box 1139, Matthews, N. C. 28106
Date Evaluated: 1/30/02
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .45a
Location of Site: 13249 Marlstone Lane
Property Recorded:
Water Supply: [ ] Public [ x ] Individual [ x ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [ x ] Pit [ ] Cut
Type of Wastewater: [ x ] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| 1 | LS, 5-15 | 0-8 | GR/SCL | FR/SEXP/SS/SP | 2.5Y6/2@19" | 48 | US | NONE | US |
| | | 8-12 | SBK/SCL | FR/SEXP/SS/SP | | | | | |
| | | 12-20 | SBK/SC | VFI/MIXED/VS/VP | | | | | |
| | | 20-48 | M/SC | VFI/MIXED/VS/VP | | | | | |
| | | 48-58 | MSCL | FI/SEXP/SS/SP | | | | | |
| 2 | " | 0-10 | GR/SCL | FR/SEXP/SS/SP | 2.5Y6/1@20" | 38 | " | " | " |
| | | 10-38 | SBK/SC | VFI/MIXED/VS/VP | | | | | |
| | | 38-51 | M/CL | FR/SEXP/SS/SP | | | | | |
| 3 | " | 0-10 | GR/SL | FR/SEXP/NS/NP | 2.5Y5/2@21" | 57 | " | " | " |
| | | 10-26 | SBK/SCL | FR/SEXP/SS/SP | | | | | |
| | | 26-57 | ABK/SC | VFI/MIXED/VS/VP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | US | US |
| System Type(s) | | |
| Site LTAR | | |

Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 2/01/02, W. R. Marlin
Others Present: S. Malone, D. Webster

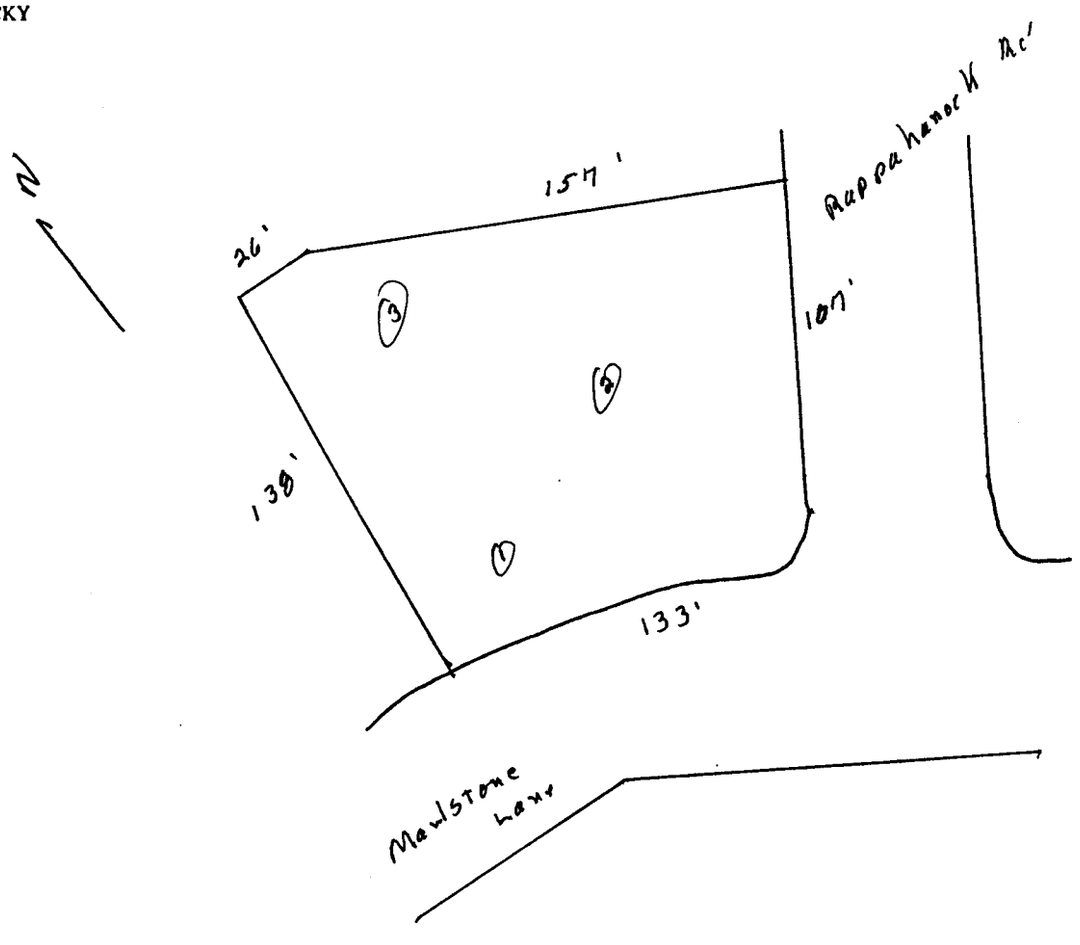
FILE # 7195A

COMMENTS 100% Repair

| LANDSCAPE POSITION | GROUP | TEXTURE | .1955 LTAR |
|---|---|---|---|
| R-RIDGE | I | S-SAND | 1.2-0.8 |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | |
| L-LINEAR SLOPE | | | |
| FS-FOOT SLOPE | II | SL-SANDY LOAM | 0.8-0.6 |
| N-NOSE SLOPE | | L-LOAM | |
| H-HEAD SLOPE | | | |
| CC-CONCLAVE SLOPE | III | SI-SILT | 0.6-0.3 |
| CV-CONVEX SLOPE | | SICL-SILTY CLAY LOAM | |
| T-TERRACE | | CL-CLAY LOAM | |
| FP-FLOOD PLAIN | | SCL-SANDY CLAY LOAM | |
| | IV | SC-SANDY CLAY | 0.4-0.1 |
| | | SIC-SILTY CLAY | |
| | | O-ORGANIC | |

| CONSISTENCE | |
|---|---|
| MOIST | WET |
| VFR-VERY FRIABLE | NS-NON-STICKY |
| FR-FRIABLE | SS-SLIGHTLYSTICKY |
| FI-FIRM | S-STICKY |
| VFI-VERY FIRM | VS-VERY STICKY |
| EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| | SP-SLIGHTLYSTICKY |
| | P-PLASTIC |
| | VP-VERY PLASTIC |

| STRUCTURE | MINERALOGY |
|---|---|
| SG-SINGLE GRAIN | SLIGHTLY EXPANSIVE |
| M-MASSIVE | |
| CR-CRUMB | EXPANSIVE |
| GR-GRANULAR | |
| SBK-SUBANGULAR BLOCKY | |
| ABK-ANGULAR BLOCKY | |
| PL-PLATY | |
| PR-PRISMATIC | |



# Mecklenburg County
## Health Department

March 21, 2002

Samuel P. Malone
P.O. Box 1139
Matthews, NC 28106

Re: Application for improvement permit for
Property Site: 13249 Marlstone Lane
Health Department file no. 7195A

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on March 19, 2002 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a 3-bedroom residence, with a design wastewater flow of ___360____gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .l900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

_____Unsuitable soil topography and/or landscape position (Rule .1940)
____X____Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
____X____Unsuitable soil wetness condition (Rule .1942)
_____Unsuitable soil depth (Rule .1943)
_____Presence of restrictive horizon (Rule .1944)
____X____Insufficient space for septic system and repair area (Rule .1945)
_____Unsuitable for meeting required setbacks (Rule .1950)
_____Other (Rule .1946)

For the reasons set out above, the property is currently classified **UNSUITABLE,** and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is March 21, 2002. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do no wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

J. Andrew Walker, R.S.
Authorized Agent - DENR

Encl: (2)

# APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 7195A

TC:

☒ PC ☐ REPT

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
DEC 13 1990
CH 13183
$30.00

**JOB LOCATION**

① ADDRESS: LOT 20, ON MARLSTONE LANE

② SUBDIVISION: ROCKY RIVER RUN PH. 1 ③ LOT: 20 ④ BLOCK:

⑤ PARCEL REFERENCE: BOOK NO.: 111 PAGE NO.: 261 PARCEL NO.: 30

⑥ DEED REFERENCE: BOOK NO.: 5070 PAGE NO.: 321

**OWNER**

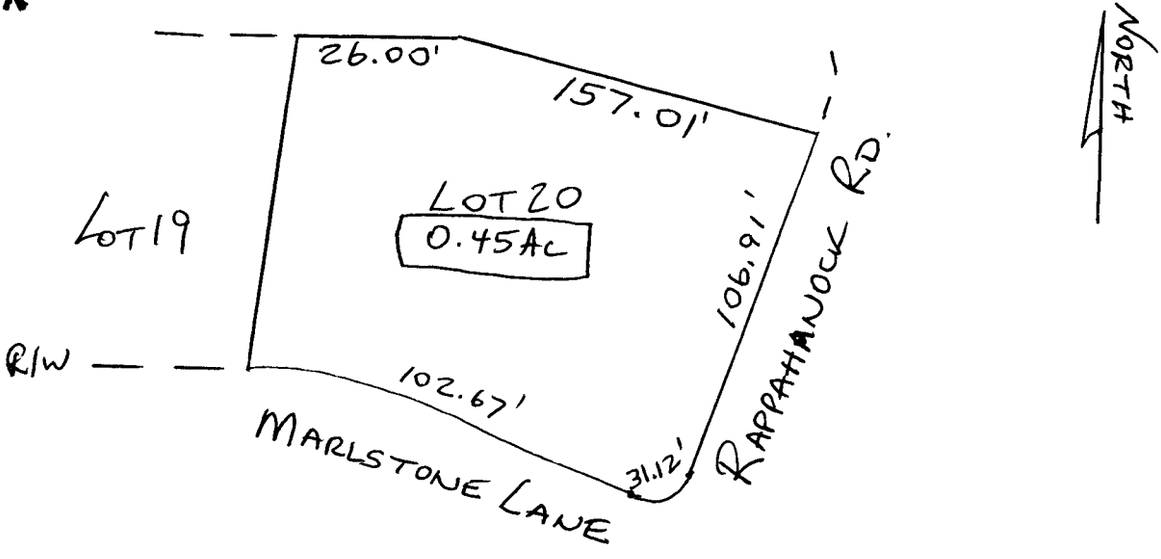
⑦ NAME: SAMUEL (FIRST) P. (MIDDLE) MALONE, JR. (LAST)

⑧ MAILING ADDRESS: P.O. BOX 1139

⑨ CITY: MATTHEWS ⑩ STATE: NC ⑪ ZIP: 28106

⑫ PHONE: (WORK) (704) 847-9026 (HOME)

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

Signed: [signature]

Date: 12-10-90

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

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

**MECKLENBURG COUNTY HEALTH DEPARTMENT**
**SITE EVALUATION REPORT**
**SERIAL NUMBER** 16894

File: 71951A Action 3

Parcel: PO 111-261-30 PC

Location: Morlstone Lane

Subdivision: Rocky River Run Ph I

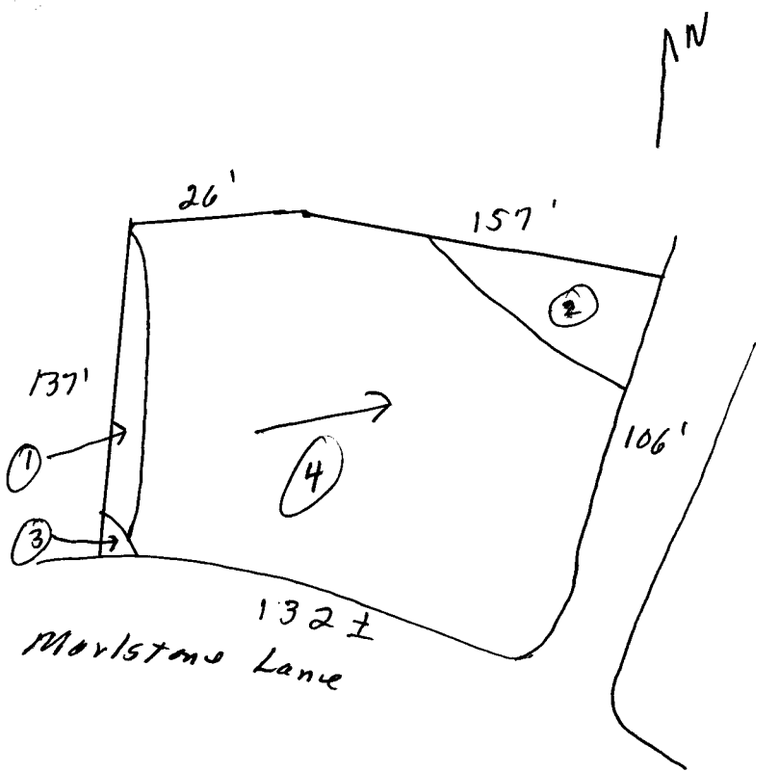
Lot: 20 Block: Acres: .45

Owner:
Address:

Comments: 100% Repair

Described by: William R. Marlin

Date: 12-20-90




*** 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) Complex Slopes | S PS (U) Depression | (S) PS U 6-12% | (S) PS U 2-8% | S PS U | S PS U |
| Texture | S PS U — | S PS U — | S PS (U) 2-1 clay | S PS (U) 2-1 clay | S PS U | S PS U |
| Structure | S PS U — | S PS U — | S (PS) U Blocky | S (PS) U Blocky | S PS U | S PS U |
| Drainage | S PS U — | S PS U — | S (PS) U >36" to water | S PS (U) Perched water | S PS U 12-20" | S PS U |
| Depth | S PS U — | S PS U — | S PS (U) 14-30" | S (PS) U 36"+ | S PS U | S PS U |
| Restrictive Horizons | S PS U — | S PS U — | S (PS) U >36" | S (PS) U >36" | S PS U | S PS U |
| Available Space | S PS U — | S PS U — | S PS U — | S PS U — | S PS U | S PS U |
| Other (specify) | S PS U | S PS U | S PS U | S PS U | S PS U | S PS U |
| Soil Group/Series | Complex Slopes | Depression | Wilkes-Like | Helena-Like | | |
| Area Classification | S PS (U) | S PS (U) | S PS (U) | S PS (U) | S PS U | S PS U |

# Mecklenburg County
# Health Department

December 26th, 1990

Samuel P. Malone, Jr.
P. O. Box 1139
Matthews, NC 28106

RE: Property located at Marlstone Lane Lot 20
FILE: 7195A
PARCEL: 111-261-30 PO

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 Number 16894) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B and 10 NCAC 1B.

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

Very truly yours,

Gene Vaughan

Gene Vaughan, R.S., Supervisor
Individual Water and Wastewater Systems

Enclosure

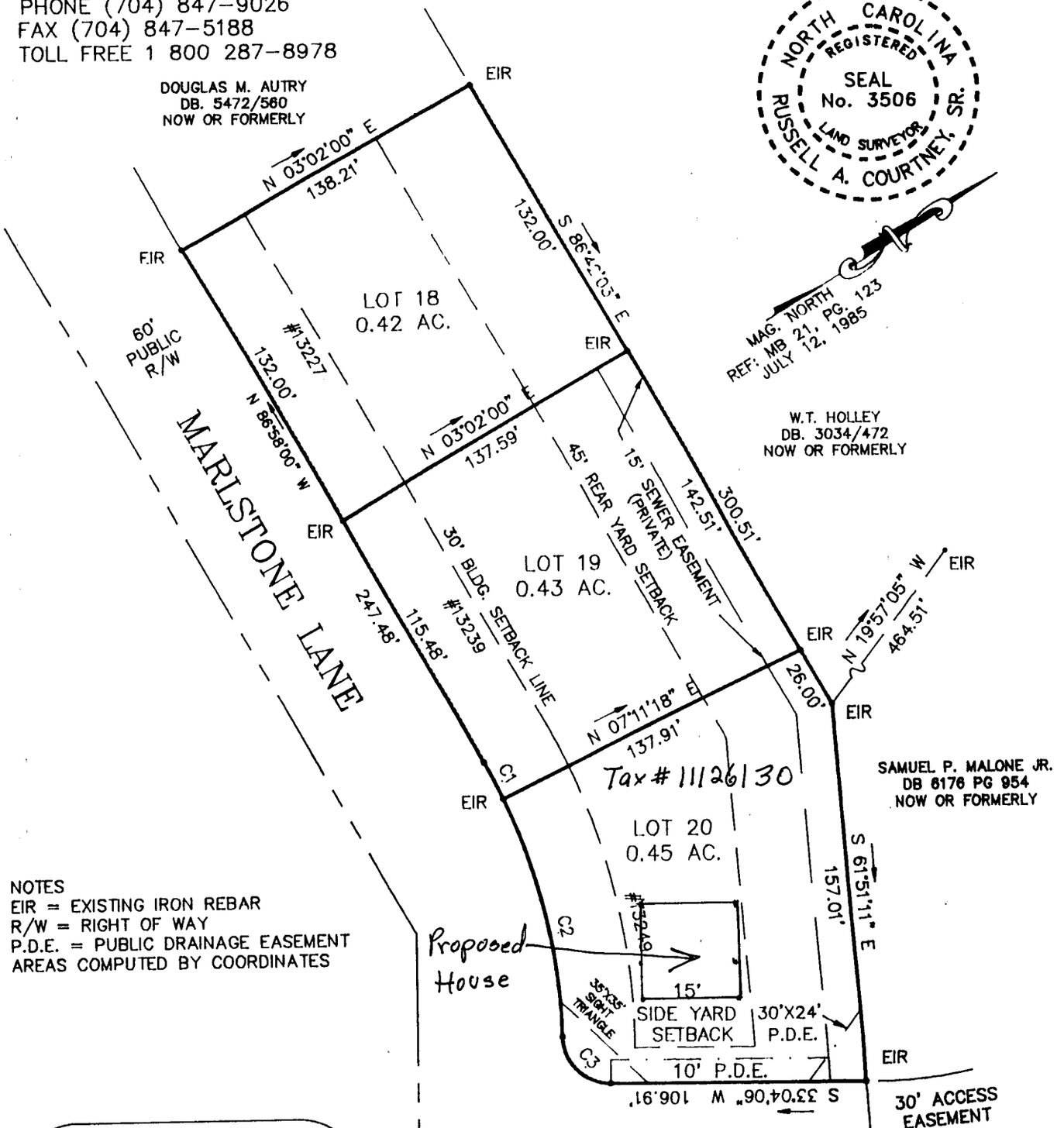
Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

THIS IS TO CERTIFY THAT ON THE 20 DAY OF APRIL 1994, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDING IF ANY ARE AS SHOWN HEREON.

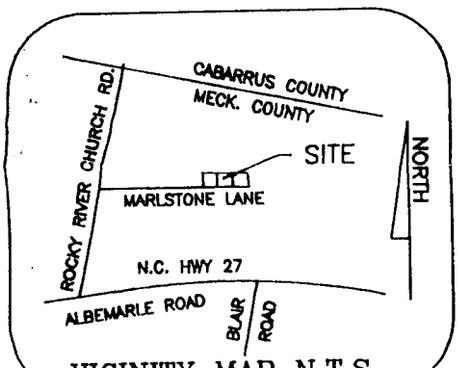

*SAM MALONE & ASSOCIATES*
*Civil Engineering & Surveying*
*P.O. BOX 1139*
*MATTHEWS, N.C. 28106*
PHONE (704) 847-9026
FAX (704) 847-5188
TOLL FREE 1 800 287-8978


*SIGNED* Russell A. Courtney Sr.
REGISTERED LAND SURVEYOR
RUSSELL A. COURTNEY, Sr. NCRLS 3506

NORTH CAROLINA REGISTERED SEAL No. 3506 RUSSELL A. COURTNEY, SR. LAND SURVEYOR




NOTES
EIR = EXISTING IRON REBAR
R/W = RIGHT OF WAY
P.D.E. = PUBLIC DRAINAGE EASEMENT
AREAS COMPUTED BY COORDINATES




VICINITY MAP N.T.S.

| CURVE | RADIUS | LENGTH | TANGENT | CHORD | BEARING |
|---|---|---|---|---|---|
| C1 | 235.08' | 17.05' | 8.53' | 17.04' | N 84°53'21" W |
| C2 | 235.08' | 102.67' | 52.17' | 101.86' | N 70°18'03" W |
| C3 | 20.00' | 31.12' | 19.70' | 28.07' | N 77°38'27" E |