


4331 OLDE ROXBURY DR

23118111

1/2/2008

duponbj

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

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

#2 (40°)

Sheet: _____
Property ID: 231-181-11
Lot #: 11
File #: 28648

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

OWNER: Buchan Dev. Corp. Dr. APPLICANT: _____
ADDRESS: 4201 Old Rayburn Rd, Charlotte DATE EVALUATED: 2-25-99
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 480 gpd PROPERTY SIZE: Approx. 8
LOCATION OF SITE: 4331 Old Rayburn Dr PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☒Other Community
EVALUATION METHOD: ☒Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

| PROFILE # | Slopes 6-15% .1940 Landscape Position/ Slope % | Horizon Depth (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS &LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS | 0-4" | gr/scl | Fr/SEXPl SS/SP | 746" TO soil wetness | 46" | N/A | None | PS .39/Fz IV |
| | | 4-48" | SBK/sc | F:/SEXPl SP | | | | | |
| 2 | LS | 0-14" | gr/scl | Fr/SEXPl/SS/SP | 746" TO soil wetness | 46" | N/A | None | PS .2759/Fz IV |
| | | 14-46" | SBK/C | F:/SEXPl SP | | | | | |
| 3 | LS | 0-4" | gr/scl | Fr/SEXC/SS/SP | 742" TO soil wetness | 42" | N/A | None | PS .2 59/Fz IV |
| | | 4-42" | SBK/C | F:/SEXPlSP | | | | | |
| 4 | LS | 0-6" | gr/scl | Fr/SEXPl SS/SP | 742" TO soil wetness | 42" | N/A | None | US IV |
| | | 6-32" | SBK/C | F:/SEXC/SP | | | | | |
| | | 32-42" | ABK/Pl/C | F:/SEXPl SP | | | | | |
| 5 | LS | 0-3" | gr/scl | Fr/SEXPl SS/SP | 725" TO soil wetness | 25" | N/A | None | US IV |
| | | 3-25" | SBK/C | F:/SEXPl SP | | | | | |
| 6 | LS | 0-5" | gr/scl | Fr/SEXPl SS/SP | 729" TO soil wetness | 29" | N/A | None | US IV |
| | | 5-29" | SBK/C | F:/SEXPl SP | | | | | |
| 7 | LS | 0-4" | gr/scl | Fr/SEXPl SS/SP | 732" TO soil wetness | 32" | N/A | None | US IV |
| | | 4-22" | SBK/C | F:/SEXPl SP | | | | | |
| | | 22-32" | ABK Pl/C | F:/SEXPl SP | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | US | UC |
| System Type(s) | | |
| Site LTAR | | |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. R. Mullis 2-26-99
OTHER(S) PRESENT: LSC

FILE # 286403

**COMMENTS** 100% Repair - not sure of exact model
Dimension of lot that may not available

| 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 |

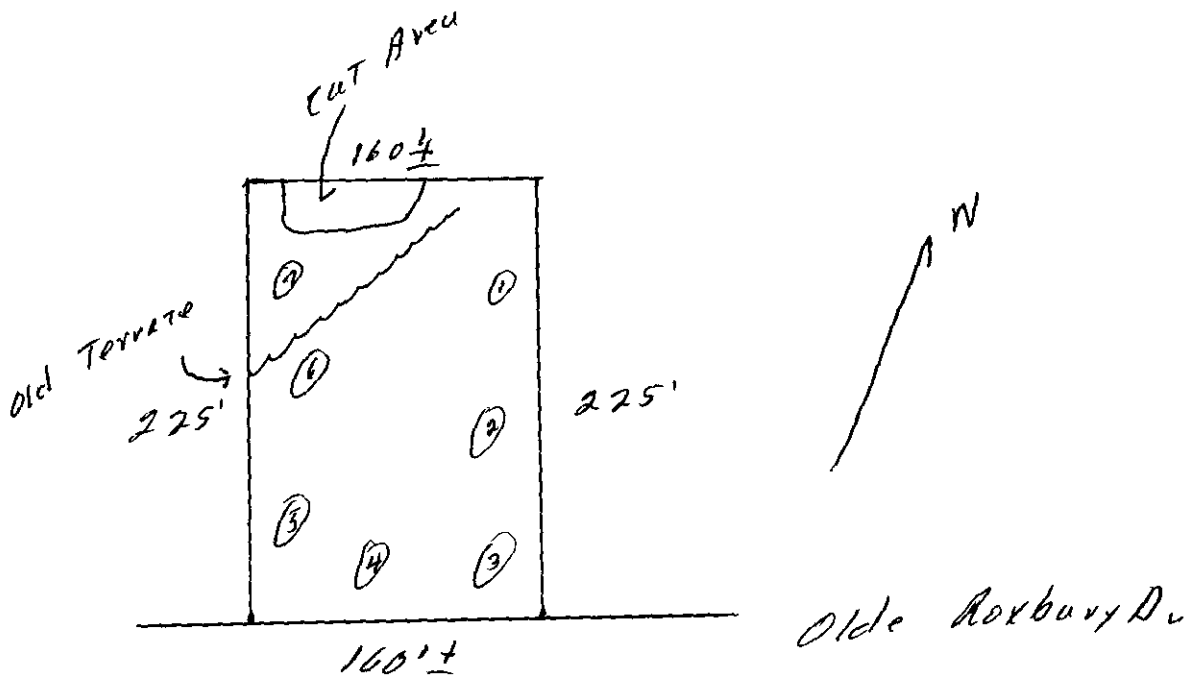
**STRUCTURE**

SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

**MINERALOGY**

SLIGHTLY EXPANSIVE

EXPANSIVE



# Mecklenburg County
## Health Department

March 3, 1999

Brokaw Development Corp.
4201 Olde Roxbury Drive
Matthews, NC 28105

Re: 4331 Olde Roxbury Drive
File: 2864 B
Parcel: 231-181-11

Dear Property Owner:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS**, .1943 **SOIL DEPTH** and .1945 **AVAILABLE SPACE.** For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d) which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, and or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified a **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
>
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
>
> (2) the effluent will not contaminate ground or surface water; and
>
> (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating data if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County.

If you have any questions regarding this matter, please call me at 336-5568.

Sincerely,

Larry B. Thompson, Jr., R.S.
Environmental Health Specialist
Individual Water and Wastewater Systems

cc: Cindy Campbell

Mecklenburg County
Health Department

# TELECOPIER TRANSMITTAL COVER SHEET

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TO: Cindy Campbell TELECOPIER # 542-1174

FROM: Larry Thompson DATE 3.3.99

NUMBER OF PAGES TRANSMITTED: 2 (including cover sheet)

COMMENTS: Design Consultants RE: Lot 11 Olde Roxbury

If you do not receive all pages, please call us as soon as possible at the following number: (704)336-5102.

☐ Original will not follow ☐ Original will follow via:

☐ U.S. Mail ☐ Hand Delivery ☐ ____

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

## Wastewater System Design Consultants

Bill Carlin Soil Consultants, Inc.
3024 Oakridge Circle
Lincolnton, NC 28092
Office: 704-732-3584

B.K. Barringer & Associates, P.A.
104 Westfield Center
NC 150 and US 21
Mooresville, NC 28115
Office: 704-664-7888

Dewberry & Davis
600 Lexington Avenue
Charlotte, NC 28203
Office: 704-342-0401

GEO-Environmental Consultants, Inc.
11704 Reames Road
Charlotte, NC 28269
Office: 704-596-8788

Soil & Environmental Consultants, Inc.
231 16th Avenue NE
Hickory, NC 28601
Office: 704-327-9164

Tim Whittaker
1030 S. Belvedere Avenue
Gastonia, NC 28054
Office: 704-866-9540
Pager: 704-623-9992

Toney C. Jacobs & Associates, Inc.
168 Broadbill Drive
Mooresville, NC 28115
Office: 704-663-6905

CK # 517

FEE: 150.00 CK

DATE: 2-16-99

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

I. J CRT

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 #: 2816B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 231 18 111 001

STREET ADDRESS: 4331 OLDE Roxbury

SUBDIVISION OR MOBILE HOME PARK NAME: Roxbury

LOT NUMBER: Lot 11

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: 3500 ±

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 2

CLOSING DATE: February 26, 1999

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 | WELL, SPRINGS OR WATERLINES | ___ YES ___ NO |
| EXISTING WASTEWATER SYSTEMS | ___ YES ___ NO | DESIGNATED WETLANDS | ___ YES ___ NO |
| EASTMENTS OR RIGHT-OF-WAYS | ___ YES ___ NO | | |

PROPERTY OWNER:

NAME: BROKAW DEV. CORP.
(LAST) (FIRST) (MI)

ADDRESS: 4201 OLDE Roxbury DR

CITY: MATTHEWS STATE: NC ZIP: 28105

DAYTIME PHONE: 704 846-8262

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: REED IRA L.
(LAST) (FIRST) (MI)

DAYTIME PHONE: 704 785-2551

704 339-0258

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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: X LaVerne Reed DATE: 2-12-99

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

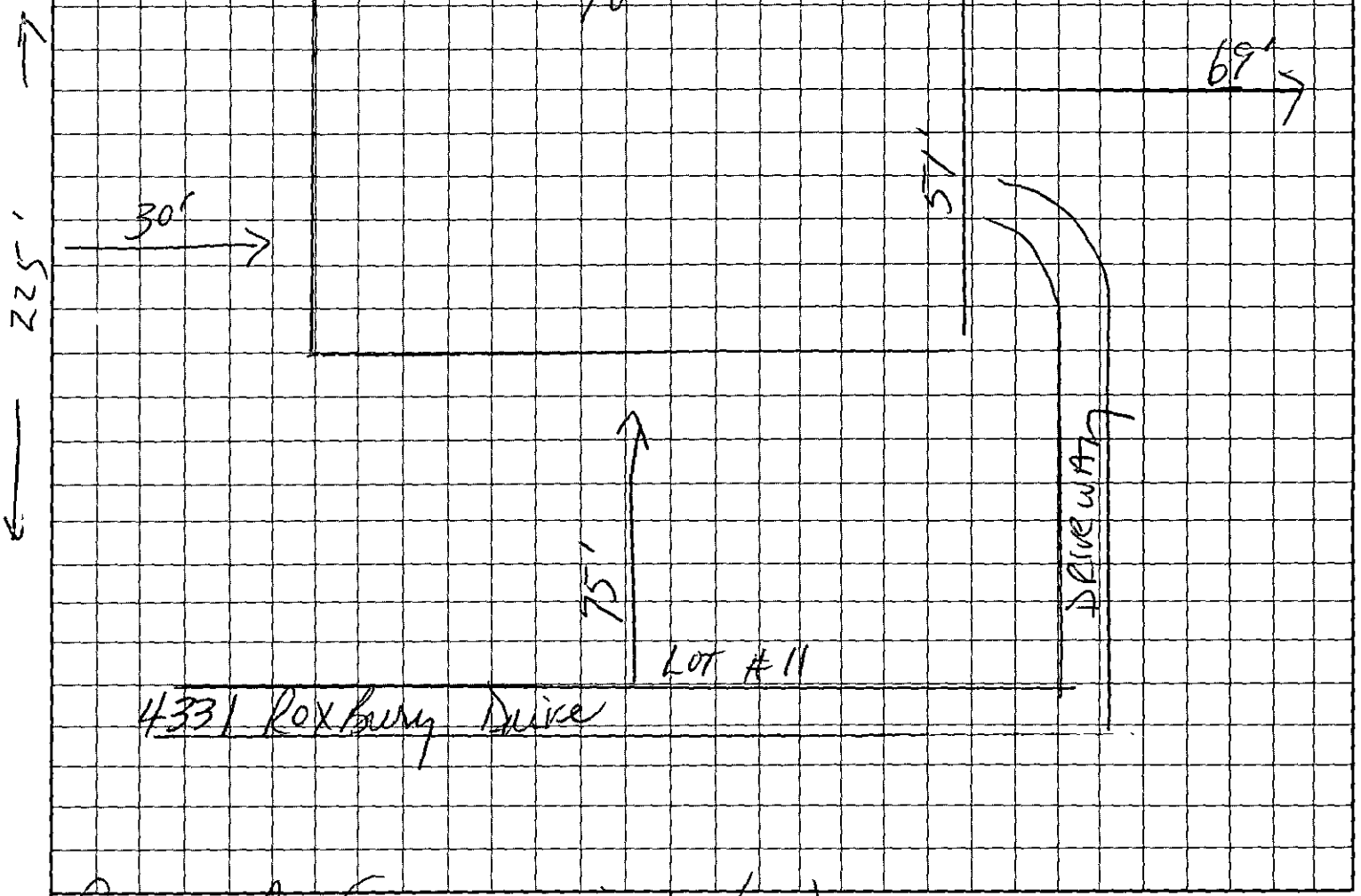
# PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 28664B

TC: 031-181-11

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.




Lavern Reed (by agent Cindy Compton)
OWNER/AGENT SIGNATURE

APPROVAL DATE

DATE 2/16/99

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy