


8731 REEDY CREEK RD

11134131

1/7/2008

duponbj

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

# CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 47308 DATE: 2-20-04

TC: 111-341-31 ☒ L ☒ CRT

SERIAL 19471

Name of Owner METROLINA DEVELOPMENT CORP (Reed) Juris.: _____

Address of Property 8731 REEDY CREEK RUN, LOT #8

**Inspection Data:**

Tank Material 1500 gal PLC

Total Length of Drainfield 360

Number of Lines 6 @ VARYING LENGTHS

Cover Depth 12"

Water Supply Source MUNICIPAL

Distance to Water Source >10

Excavation Inspected 2-20-04

Tank(s) Inspected 2-20-04

Wash Line Inspected —

High Water Alarm Inspected —

SEE INSTALLATION —

PLOT

Design 1500 ST 809 SFT INNOVATIVE EZ FLOW - DROP BOXES CTR# GERALD TUCKER

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

**Notice:** Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: TYPE III-C INNOVATIVE EZ FLOW

Environmental Health Specialist

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

# INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

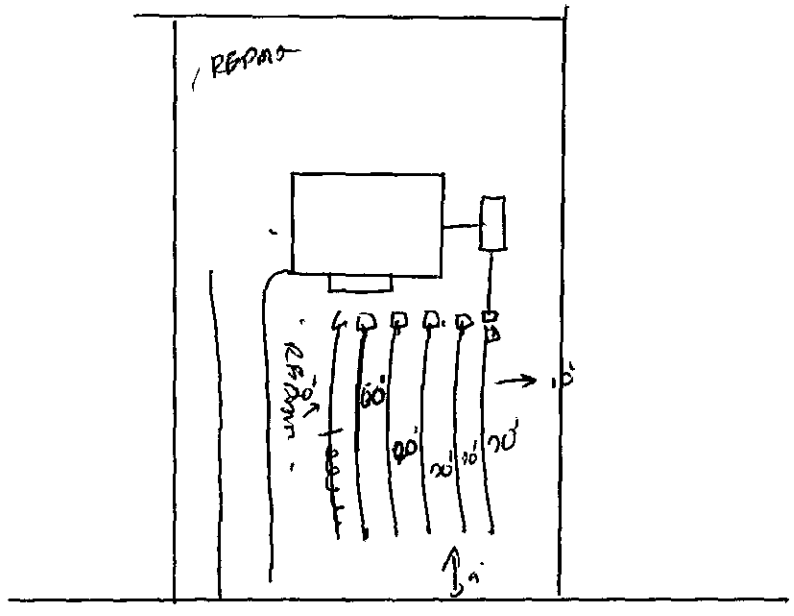
**HEALTH DEPARTMENT**
**ENVIRONMENTAL HEALTH DIVISION**
**700 NORTH TRYON ST., SUITE 211**
**CHARLOTTE, NC 28202**
**PHONE (704) 336-5102**

FILE: 4230 B DATE: 2-19-04

TC: 111- 341- 31 ☐ L

SERIAL 19659

Permission is hereby given to _____ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 6/28/01. All work shall be completed on or before _____, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.




PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank — gallons

Tank Construction PC

Trench Depth 30"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous YES

Total Line Length 360 feet

Number of Lines 6

Depth of Stone NA inches

Distance from House 51 feet

Distance from Property Line 10 feet

Distance from Well 5501 feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER METROLINA DEVELOPMENT CORP.

LOCATION OF PROPERTY 8731 REEDY CREEK RUN, LOT 8

Comments: (1) INSTALL TYPE III-G EVOLVE USING PRO BOXES.

Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

ACS CD

**FEE:** _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
**DATE:** _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 7/23/03 PERMIT NO: 4730B

PARCEL NO: 111-341-33 31

JOB LOCATION ADDRESS: 8731 REEDY CREEK RUN

PROPERTY OWNER: METROLINA DEVELOPMENT CORP

BUILDING CONTRACTOR: _____

SUBDIVISION NAME: REEDY CREEK RUN, LOTS 4 & 5

AUTHORIZATION ISSUED BY: [signature] DATE: 7/23/03

DEHNR AUTHORIZED AGENT

## AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 4730B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: _____

## OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number 47308 CONDITIONS OF IMPROVEMENT PERMIT Paid 300 5/8/02 LD 45429 Tax Number: 111-341-23 31

The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling or disturbance of the soil in the area of the septic tank system or repair area.

CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.

Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

| | | | |
|---|---|---|---|
| Basement | ___ Yes | X No | ___ Partial Basement |
| Type Primary Wastewater System<br>Type (circle one):<br>I II III IV V VI | ___ Conventional<br>___ Prefabricated, permeable block panel system<br>___ Shallow Placed Conventional | ___ Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | X Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ IWWS-94-1 |
| 125 Long-term acceptance rate | 360 Max gallons/day wastewater flow | 1440 Absorption Area (sq ft) | 9 Trench spacing (min. on centers) |
| ___ Serviced by private well | 1500 Gallon septic tank | 360 Total trench length (ft) | 32' Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions) |
| 3 Bedrooms in residence | 1000 Gallon pump tank | NA Depth of stone | |
| Any surface waters present: | Type: | Minimum separation distance: | |
| Site modifications required: | | | |
| Additional Conditions: | | | |
| Repair Area System Type<br>Type (circle one):<br>I II III IV V VI | ___ Conventional<br>___ Prefabricated, permeable block panel system<br>___ Shallow Placed Conventional | ___ Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | X Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ IWWS-94-1 |
| 1440 Absorption Area (Sq ft)<br>360 Total Trench Length (Ft) | NA Depth of Stone Trench | 9 Trench spacing (min. on centers) | 32" Maximum Trench Depth |
| For existing system, enter the year originally installed: | | | |

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 Sewage, 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 Approval is granted by this Department.
- This Improvement permit is transferable.

DEHNR Authorized Agent — Date 10/8/01

Metrolina Development Corp
By [signature] — Owner/Agent Signature — Date 10-9-01

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

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

# PROPOSED PLOT PLAN

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

FILE: 4730 B

TC: 111-341-~~25~~ 31

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.

PERMIT FOR

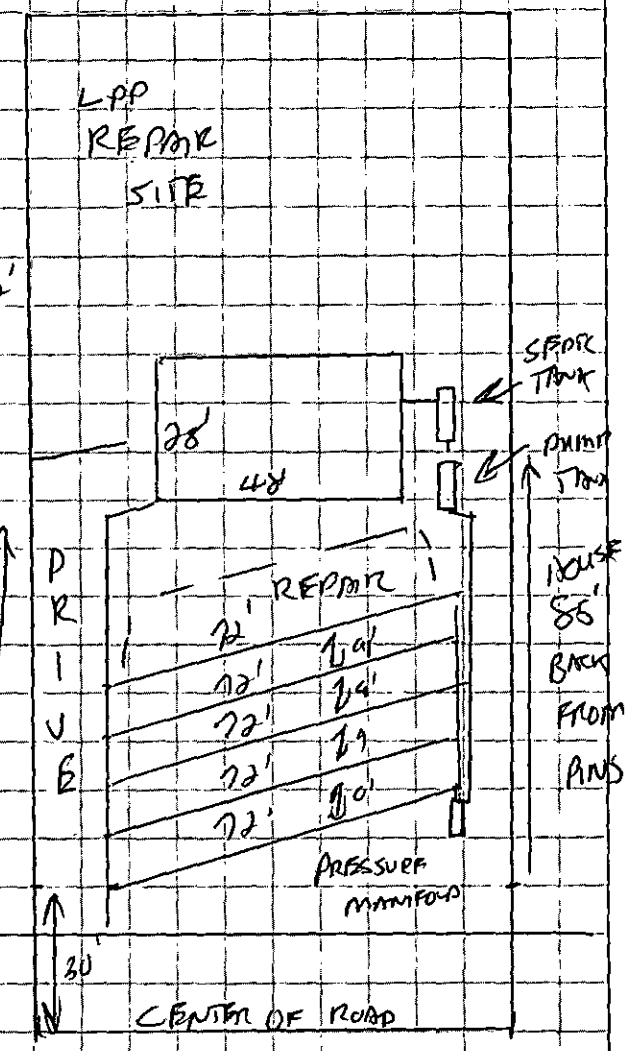
REEDY CREEK RUN LOT #8

(1) THIS DESIGN IS FOR A TYPE III-B, C INNOVATIVE INSTALLATION WHICH WILL REQUIRE A PUMP.

(2) AGREEMENT FORMS ACKNOWLEDGING THE USE OF INNOVATIVE INSTALLATION MUST BE COMPLETED

(3) REPAIR AREA IS AN LPP OR ULTRA SHALLOW CONVENTIONAL

(4) THIS TYPE SYSTEM IS REQUIRED BY STATE LAW TO BE INSPECTED AT LEAST ONCE EVERY 5 YEARS BY THE MECK. CO. HEALTH DEPT. WITH THE HOME OWNER RESPONSIBLE FOR ANY FEES AS SET BY THE MECK. CO. BOARD OF COMMISSIONERS




APPROVAL DATE 10/5/01

Metrolina Development Corp

By: Ron Carter

White - Health Department's Copy  Canary - Environmentalist's Copy  Pink - Owner's Copy

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2002 MAY 28 10:17 AM
BOOK: 13626 PAGE: 396-400 FEE: $23.00
INSTRUMENT # 2002102184

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

**WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969**

FILE # 4730B
PARCEL # 111-341-23 31 Lot# 8

The undersigned, Metrolina Development Corp By: Dan Carson, owner of property located at _____, (the "site") and described in an instrument recorded in Book 37 at Page 23, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (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 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested 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 is allowed by the rules; 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 the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, 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 acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

*This instrument was prepared by:* Dan Carson
*Mail after recording to:* Metrolina Development
PO Box 1177 Harrisburg N.C. 28075

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

Sheet: 1 37
Property ID: ~~PO~~ 111-341-23
Lot #: 8
File #: 4730B
Code: 2

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Metrolina Development Corp. Applicant:
Address: PO Box 1177, Harrisburg, N. C. 28075 Date Evaluated: 9/12/01
Proposed Facility: residence Design Flow (.1949): 360gpd Property Size: ..47a
Location of Site: Reedy Creek Road Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 .1941 Structure/ Texture | .1941 Consistence Mineralogy | OTHER PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | 6-15 | | | | | | | | |
| 1 | LS | 0-6 | GR/SCL | FR/SEXP/SS/SP | >48" TO SOIL WETNESS | 48 | N/A | NONE | PS, IV .25G/FT$^2$/DAY |
| | | 6-29 | SBK/CL | FR/SEXP/SS/SP | | | | | |
| | | 29-48 | SBK/SC | FI/SEXP/S/P | | | | | |
| 2 | " | 0-13 | GR/SCL | FR/SEXP/SS/SP | >42" TO SOIL WETNESS | 42 | " | " | " |
| | | 13-42 | SBK/SC | FI/SEXP | | | | | |
| 3 | " | 0-6 | GR/SCL | FR/SEXP/SS/SP | >43" TO SOIL WETNESS | 43 | " | " | PS, IV .3G/FT$^2$/DAY |
| | | 6-23 | SBK/SCL | FR/SEXP/SS/SP | | | | | |
| | | 23-43 | SBK/SC | FI/SEXP/S/P | | | | | |
| 4 | " | 0-5 | GR/SCL | FR/SEXP/SS/SP | >24" TO SOIL WETNESS | 24 | " | " | US, IV .15G/FT$^2$/DAY |
| | | 5-24 | SBK/SC | FI/SEXP/S/P | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | US | US |
| System Type(s) | | |
| Site LTAR | .25G/FT$^2$ | .25G/FT$^2$/DAY |

Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 9/19/01, W. R. Marlin
Others Present:

FILE # 4730B

COMMENTS 1006 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 |

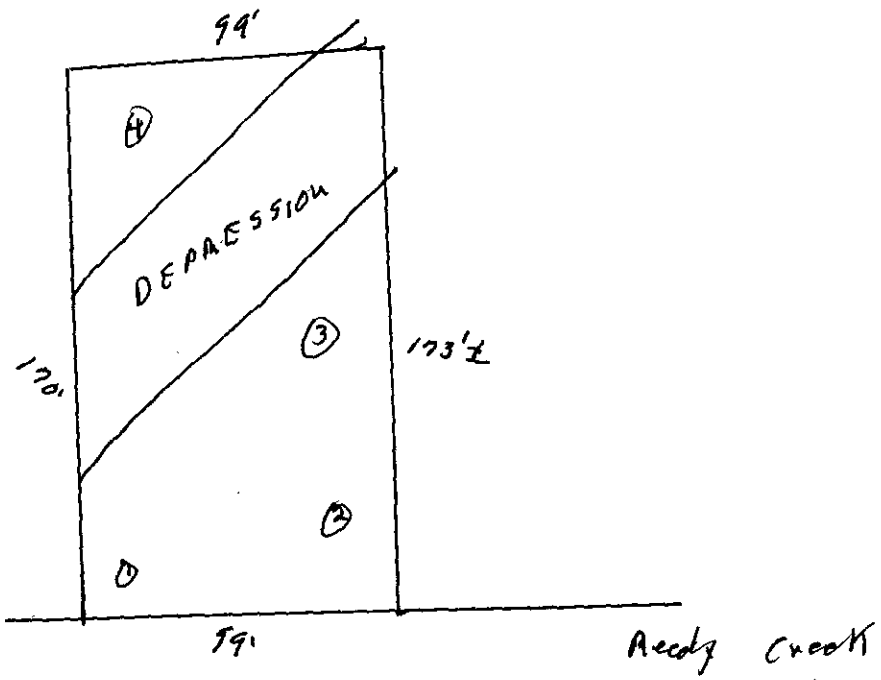
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FEE: 200 CK 13916 RF
DATE: 8-29-01

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

[ ] CRT

TYPE APPLICATION: X 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 #: 4730B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION: 31

TAX/PARCEL NUMBER: 111-341-25

STREET ADDRESS: REEDY CREEK ROAD

SUBDIVISION OR MOBILE HOME PARK NAME: REEDY CREEK RUN

LOT NUMBER: 8

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1,344

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 4

FOUNDATION FOR RESIDENCE:

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

TOWNSHIP (CHECK ONE):

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

CLOSING DATE: _____

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

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

WATER SUPPLY (CHECK ONE):
X 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 X NO
EXISTING WASTEWATER SYSTEMS __ YES X NO
EASTMENTS OR RIGHT-OF-WAYS __ YES X NO
WELL, SPRINGS OR WATERLINES __ YES X NO
DESIGNATED WETLANDS __ YES X NO

PROPERTY OWNER:
NAME: METROLINA DEVELOPMENT CORP
(LAST) (FIRST) (MI)
ADDRESS: PO BOX 1177
CITY: HARRISBURG STATE: NC 28075
DAYTIME PHONE: (704 455-9000 634-5151

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME:
(LAST) (FIRST) (MI)
DAYTIME PHONE: ( ) —

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: _____ DATE: 8/28/01

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

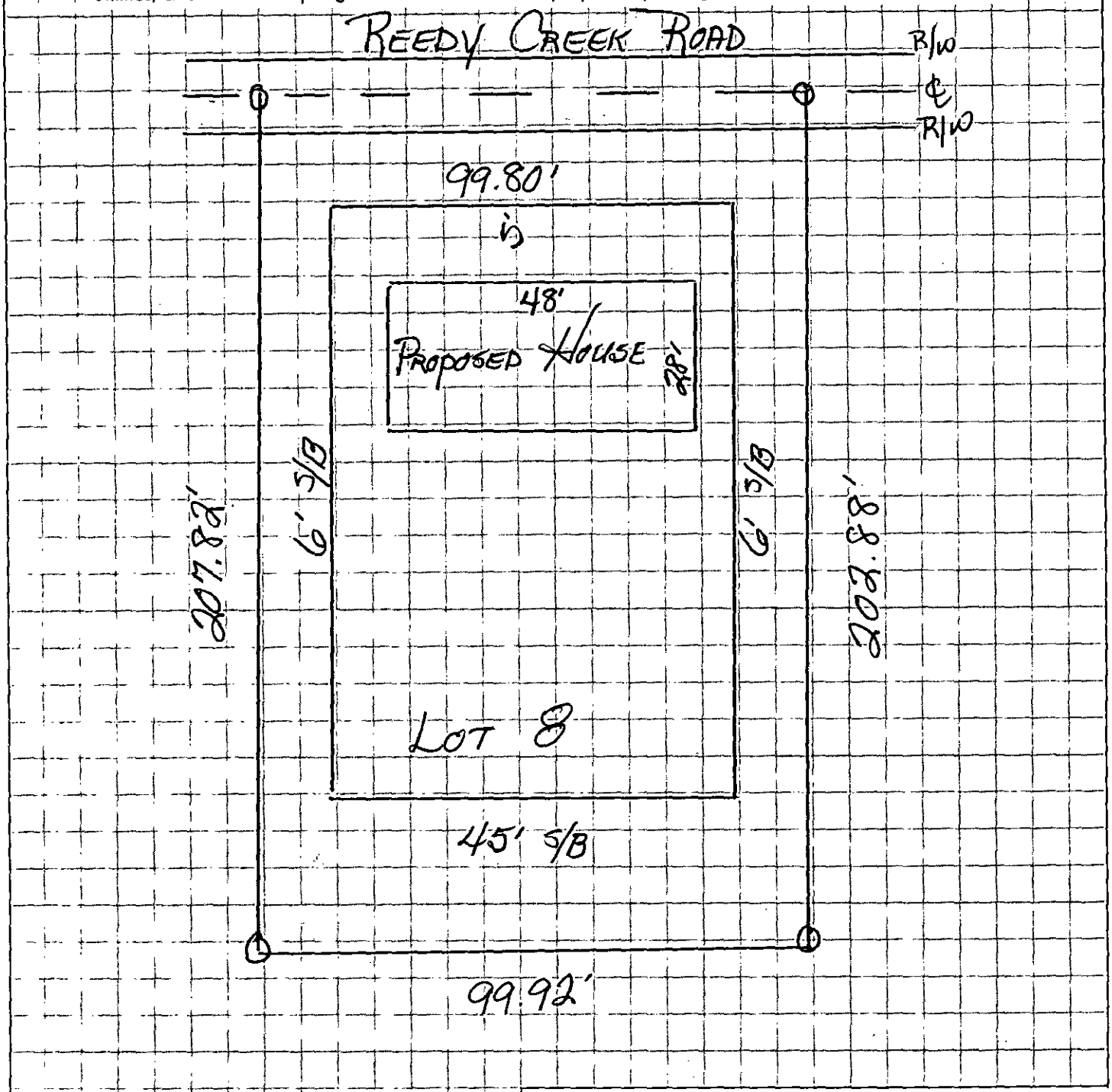
# PROPOSED PLOT PLAN

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

FILE: _____

TC: _____

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.




APPROVAL DATE _____

Ron Carson 8-29-01

White - Health Department's Copy  Canary - Environmentalist's Copy  Pink - Owner's Copy