

2308 HEATH LAKE DR

19507216

1/7/2008

duponbj

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

FEE: _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION** AC5
DATE: _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 12-23-02 PERMIT NO: 19913
PARCEL NO: 195-072-16

JOB LOCATION ADDRESS: 2308 Heathlake Dr.
PROPERTY OWNER: Ryan Homes
BUILDING CONTRACTOR: Same
SUBDIVISION NAME: Heathfield
AUTHORIZATION ISSUED BY: Joshua R. Sitterson DATE: 12-23-02
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 19913, 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: Lift Station required for Repair Area. Agreement Forms and Warranty Forms must be on file.

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: 4990B

Tax Number: 195-072-16

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	✓ No	___ Partial Basement	
Type Primary Wastewater System Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.3 Long-term acceptance rate	480 Max gallons/day wastewater flow	1040 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
N Serviced by private well	1500 Gallon septic tank	347' Total trench length (ft)	36" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
4 Bedrooms in residence	N/A Gallon pump tank	N/A Depth of stone		

Any surface waters present: Type: Minimum separation distance:

Site modifications required:

Additional Conditions: Repair area will require lift station / Type III-L system will require agreement and warranty forms.

Repair Area System Type Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
1200 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	N/A Depth of Stone Trench	9' Trench spacing (min. on centers)	36" 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 th 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 effe 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 Departmer
- This Improvement permit is transferable.

Joshua R. Sellers R.S. 12-23-02

DEHNR Authorized Agent Date

Owner/Agent Signature Date

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

FEE: 200.00 chk 74870 DATE: 6/26/02 gc

APPLICATION FOR IMPROVEMENT PERMIT
FOR RESIDENTIAL SITE
INDIVIDUAL WATER AND WASTEWATER
SYSTEMS PROGRAM HF1030

[ ] 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 #: 4990

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 195-072-16

STREET ADDRESS: 2308 Heath Lake Dr

SUBDIVISION OR MOBILE HOME PARK NAME: HEATHFIELD

LOT NUMBER: # 30

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 3678

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

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

TOWNSHIP (CHECK ONE):

___ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
X 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 X YES ___ NO
WELL, SPRINGS OR WATERLINES X YES ___ NO
DESIGNATED WETLANDS X YES ___ NO

PROPERTY OWNER: NVR, INC DBA Ryan Homes

NAME: (LAST) (FIRST) (MI)

ADDRESS: 10815 David Taylor Dr

CITY Charlotte STATE: NC ZIP 28262

DAYTIME PHONE: 704 - 548-3534

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: Kathleen Warner DATE: 6/21/02

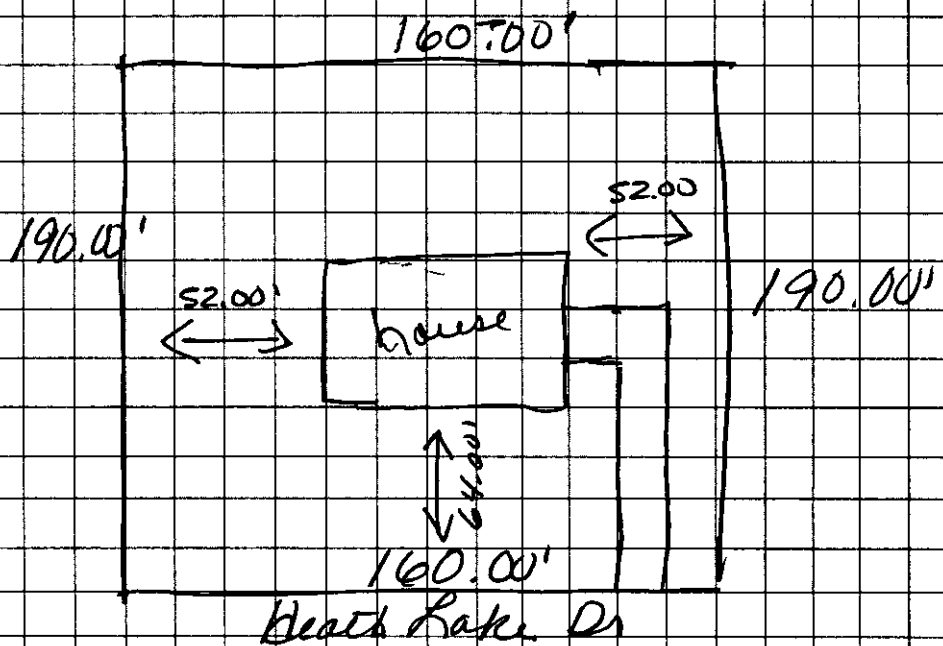
MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

PROPOSED PLOT PLAN

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

FILE: 49908
195-072-16
TC: [redacted]

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.



Kathleen Haines / NVR, INC. DBA Ryan Homes
OWNER/AGENT SIGNATURE

APPROVAL DATE _____

DATE 6/24/02

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

PROPOSED MODEL FIT

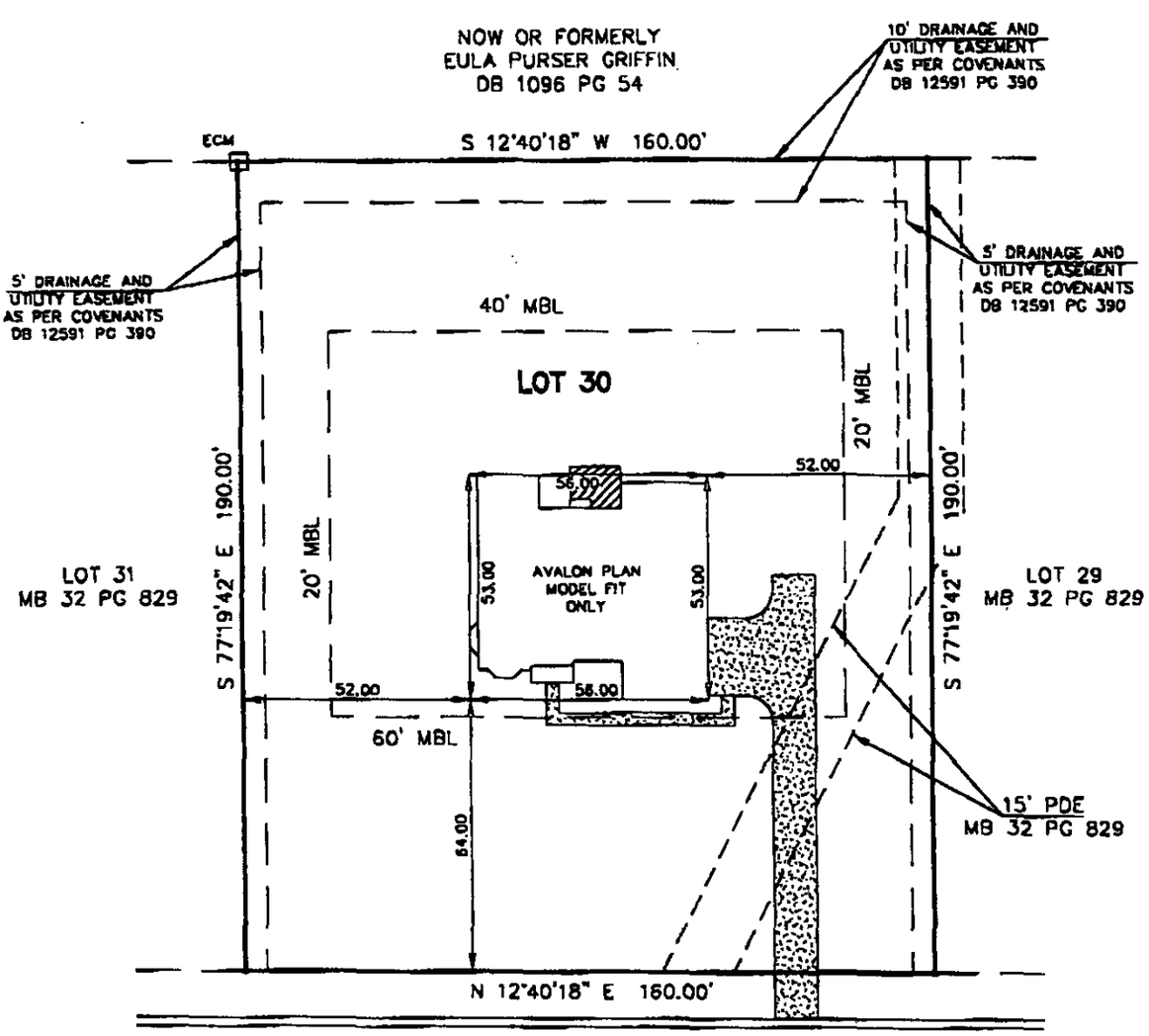
PREPARED BY:

DELTA LAND SERVICES, INC.
6033 FLORENCE AVENUE, SUITE 100
CHARLOTTE, NORTH CAROLINA 28212
(704) 536-6190

MB 35 PG 829

SCALE: 1" = 40'

**MODEL FIT ONLY
NOT TO BE USED
FOR CONSTRUCTION
OR STAKING**



HEATH LAKE DRIVE

60' PUBLIC R/W

ESTIMATED DRIVEWAY
AREA = 1216 SF±

NOT FOR RECORDATION, CONVEYANCES OR SALES

Subdivision HEATHFIELD SUBDIVISION PHASE 1, MAP 1 County Mecklenburg
Address 2308 Heath Lake Drive Owner Ryan Homes
Lot 30 Block ___ Plan Avalon Elevation D Drive (Left) ___ (Right) Side (Courtyard) ___ Deck X
Patio ___ Fireplace X Garage (1 Car) ___ (2 Car) X (3 Car) ___ Brick ___ Basement ___ Curtain Wall ___
Crawl X Slab ___ Other Sunroom, Morning Room, Bay Window @ Living Room, & Bonus Room

REVISED: DWN: SML CKD: EMD DATE: 06 / 20 / 02

G:\HEATHFIELD\HF-0030.DWG - SML

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 49903 DATE: 04-04-03

TC: 195-072-16 ☑ L ☐ CRT

SERIAL 19177

Name of Owner Ryan Homes Juris.:

Address of Property 2308 Heathlake Dr.

Inspection Data:

Tank Material PCC

Total Length of Drainfield 347'

Number of Lines 4 @ 98'

Cover Depth 12"- 24"

Water Supply Source Com Well

Distance to Water Source >100'

Excavation Inspected 04-04-03

Tank(s) Inspected 04-04-03

Wash Line Inspected N/A

High Water Alarm Inspected N/A.

* See Installation approval *

PLOT

Design 2003 1500 ST 1040 SF INV P.S. CTR# RCS

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 (2) system designed for a (4) bedroom design unit Type III 2 repair.

Joshua R. Sullivan R.S. 18345.

Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

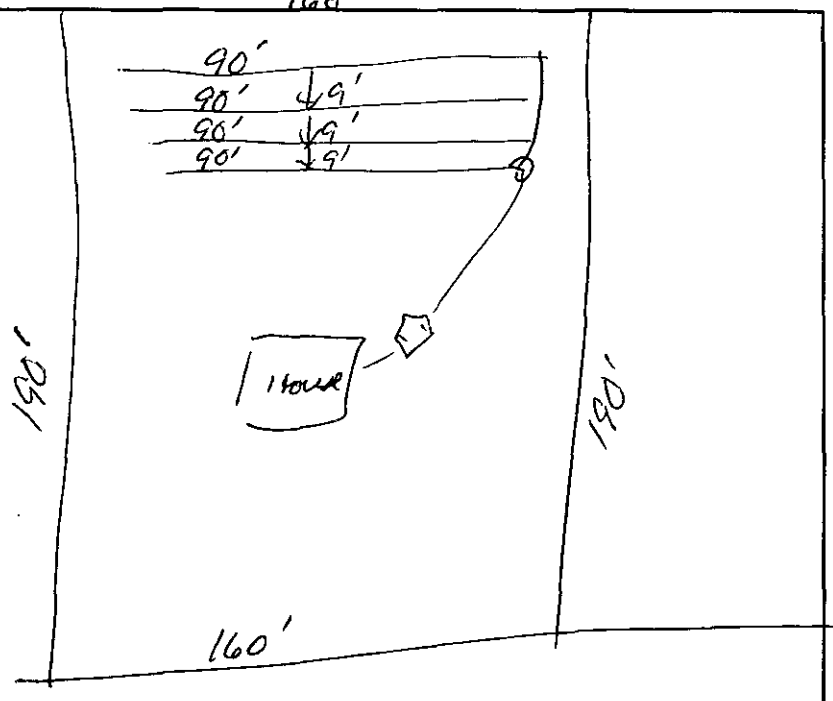
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 49913 DATE: 04-04-03

TC: 195-072-16 ☒L

SERIAL 19332

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 06-21-02. All work shall be completed on or before 05-04-03, 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 N/A gallons

Tank Construction PCC

Trench Depth ≤ 36"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous yes

Total Line Length 347' feet

Number of Lines 4@90

Depth of Stone N/A inches

Distance from House >5' feet

Distance from Property Line >10' feet

Distance from Well N/A feet

Comm.

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

NAME OF OWNER Ryan Homes

LOCATION OF PROPERTY 2308 Heath Lake Dr.

Comments: Type III S. system designed for a (4) bedroom design unit Type III S repair

Joshua R. Sellers R.S. 18645
Environmental Health Specialist

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

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2002 DEC 18 02:27 PM
BOOK 14569 PAGE 631-635 FEE 10
INSTRUMENT # 2002252815

HF 10?

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 # 4990B
PARCEL # 195-072-16

The undersigned, NUR INC DBA Ryan Homes, owner of property located at 2308 Heath Lake Dr (the "site") and described in an instrument recorded in Book 35 at Page 829, 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: NUR INC DBA Ryan Homes
Mail after recording to: 10815 David Taylor Dr
Charlotte, NC 28262

APR.16.2003 10:20AM RYAN HOMES CTE NO.233-- P.2/6

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement 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.

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 name 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.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 9th day of December 2002.

RDCWM:24751 1/R 30-95
NO.233 P.3/6
APR.16.2003 10:20AM RYAN HOMES CTE

NVR, INC. DBA Ryan Homes (SEAL)
(Corporate Name)

(SEAL)

By: (SEAL)

President (SEAL)

ATTEST:

Megan V. Graham
Assistant Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Iredell

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

WITNESS my hand and notarial seal, this 9th day of December, 2002

Kathleen A. Warner
Notary Public

My Commission Expires:
10-12-2002

10-12-02

RBCWM:24751_1/18-30-95

APR.16.2003 10:20AM RYAN HOMES CTE NO.233 P.4/6

STATE OF NORTH CAROLINA
COUNTY OF Iredell

I, Kathleen A. Warner, a Notary Public for said County and State, do hereby certify that Megan V. Graham personally came before me this day and acknowledged that She is Assistant Secretary of NUE, INC DBA Ryan Homes, a North Carolina corporation, 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 Vice President, sealed with its corporate seal and attested by Megan V. Graham as its Assistant Secretary.

WITNESS my hand and notarial seal, this 9th day of December, 2002

Kathleen A. Warner
Notary Public

My Commission Expires:
October 12, 2006

10 - 12 - 06

RBCWM:24751_1/8-30-95

APR.16.2003 10:21AM RYAN HOMES CTE NO.233 P.5/6

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	04/16/03	**Amount:**	300.00
Receipt #:	15879	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #:	X33575
Contractor:	NVR INC (EAST)
Attn:	
Address:	10815 DAVID TAYLOR DR 100
Address:	
City/State/Zip:	CHARLOTTE, NC 28262

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 2308 Heath Lake Dr./File 4990B		1	150.00	150.00
0703	Installation/Final Approval 2308 Heath Lake Dr./File 4990B		1	150.00	150.00

----------**Outstanding Balances**----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
12,679.84					

NORTH CAROLINA
FIVE YEAR LIMITED WARRANTY
Approved Effective April 24, 2002

Ring Industrial Group ("Ring") hereby extends, for a period of FIVE (5) YEARS, the following Limited Warranty to the system owner who acquires through an authorized EZflow Brand drain field system installer a new EZflow Brand drain field system located in the State of North Carolina. The drain field system is warranted to be free from defective materials and workmanship and to perform in accordance with the state performance requirements (15A NCAC 18A Section .1900) in effect on the date of installation. This Limited Warranty applies only to those EZflow Brand drain field systems whose trench length modification has greater than a 25% reduction as compared to the sizing standard for a conventional gravel trench as permitted by the State of North Carolina. This Limited Warranty is subject to the terms and conditions stated below.

I. WARRANTY ELIGIBILITY:

The system owner is eligible for this Limited Warranty provided all of the terms and conditions of this Limited Warranty are strictly followed. The terms of this warranty shall transfer from the original system owner to subsequent system owners for the duration of this Limited Warranty. This Limited Warranty covers only the performance of the EZflow Brand drain field system as manufactured and installed in accordance with the manufacturer's design specifications and current state regulatory approval.

II. CONDITIONS OF LIMITED WARRANTY:

This Limited Warranty shall only apply if the EZflow Brand drain field system is installed for use with domestic strength effluent and located in the State of North Carolina and all of the following terms and conditions are satisfied:

(i) The design and installation of the EZflow Brand drain field system is according to all applicable plumbing and building codes, ordinances, requirements and regulations.

(ii) The design and installation of the EZflow Brand drain field system is strictly according to the rules and regulations of the North Carolina state agency or state-authorized agency that is responsible for inspection and approval.

(iii) The design and installation of the EZflow Brand drain field system is strictly according to all applicable permitting procedures for the EZflow Branddrain field systems adopted by the North Carolina state agency or state-authorized agency that is responsible for inspection and approval.

(iv) The EZflow Brand drain field system is subject to use permitted by the applicable North Carolina rules and regulations for on-site systems.

(v) Only an authorized EZflow Brand drain field system installer shall perform the installation of the EZflow Brand drain field system.

III. WHAT IS WARRANTED AND FOR HOW LONG:

The EZflow Brand prefabricated nitrification drain field system is warranted for FIVE (5) YEARS from the date of issuance of the Certificate of Occupancy, or the date of issuance of the Operation Permit, which ever is later.

If the EZflow Brand drain field system fails within the five (5) year period of this Limited Warranty and all of the terms, conditions and requirements of this Limited Warranty have been met, Ring shall provide all materials and labor that may be necessary to provide a fully functional wastewater system at no cost to the system owner. This section shall not be construed to require that a manufacturer warrant an innovative wastewater system that is not properly sized to meet the design load required for a particular use, that is improperly installed, or that is improperly operated and maintained, in accordance with 15A NCAC 18A .1900 et, seq. Warranty repairs such as full replacement of the nitrification system, extension of the nitrification system or other repairs shall be completed pursuant to a repair Authorization to Construct to be issued by the local health department in accordance with 15A NCAC 18A .1900 et. seq. Rule .1961(1).

A system failure is defined by North Carolina 15A NCAC 18A .1900 rules.

IV. WHAT IS NOT COVERED BY THIS LIMITED WARRANTY:

1. The septic tank and all septic tank filters, unless required to make the system fully functional.
2. Effluent distribution box(es) and headers, unless required to make the system fully functional.
3. Improper installation.
4. Plastic pipe not authorized by Ring to be used with the EZflow Brand drain field system.
5. Failure due to excessive use or improper use as defined by state rules for on-site wastewater systems, including, but not limited to, excessive water usage, improper grease disposal, or failure to remove septic tank solids (digested sludge).
6. Landscaping costs other than those specified by rule.
7. Failure due to improper sizing as defined by state rules.
8. Repair work performed prior to a claim or which is done without Ring authorization.
9. This Limited Warranty does not extend to incidental, consequential, special, indirect or punitive damages.
10. Drain fields repaired or modified by an unauthorized EZflow installer.

V. *RING OBLIGATIONS:*

No representative of the company has the authority to change this warranty in any manner whatsoever, or to extend this warranty. No warranty applies to any party other than the original system owner or subsequent system owner

VI. *OWNER'S OBLIGATION:*

1. Must have a signed and dated Operation Permit from the duly authorized representative of the North Carolina state agency or state-authorized agency that is responsible for EZflow Brand drain field system inspection and approval.
2. Must have a Warranty Certificate from an authorized EZflow Brand drain field system installer.
3. The system owner must notify the company in writing at its corporate headquarters within 90 days of being notified by an authorized agent of the state that the system has failed. Notice shall be sent to Ring Industrial Group, 65 Industrial Park Road, Oakland, TN 38060.
4. The system owner must have the septic tank solids (digested sludge) properly removed in accordance with state rules for on-site systems.

VII. DISCLAIMER AND LIMITATION ON IMPLIED WARRANTIES:

ALL WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND THERE ARE NO OTHER WARRANTIES. ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, IMPOSED ON THE SALE OF EZFLOW BRAND DRAIN FIELD SYSTEM TO THE NORTH CAROLINA SYSTEM OWNER, ARE, BY LAW, LIMITED TO FIVE (5) YEAR DURATION FOR THE EZFLOW BRAND DRAIN FIELD SYSTEM AND ITS CONSTITUENT PARTS, AND ARE SUBJECT TO THE TERMS AND CONDITIONS OF THIS LIMITED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT OR INDIRECT DAMAGES, WHETHER ARISING IN CONTRACT OR TORT. THE COMPANY SHALL NOT BE LIABLE FOR LOSS OR DAMAGE TO PERSONAL PROPERTY, PENALTIES OR LIQUIDATED DAMAGES, LOSS OF PRODUCTION AND PROFITS, OVERHEAD COSTS, OR OTHER LOSS OR EXPENSE. SPECIFICALLY EXCLUDED ARE DAMAGE DUE TO WATER DAMAGE, ORDINARY WEAR AND TEAR, ALTERATION, ACCIDENT, MISUSE, ABUSE, OR NEGLECT; THE UNITS BE SUBJECTED TO STRESSES OR VEHICULAR TRAFFIC GREATER THAN THOSE PRESCRIBED IN THE INSTALLATION INSTRUCTIONS OR OPERATION INSTRUCTIONS; FAILURE TO MAINTAIN THE MINIMUM GROUND COVERS SET FORTH IN THE OPERATION INSTRUCTIONS; THE SYSTEM FAILURES DETERMINED TO BE DUE TO NON-COMPLIANCE WITH THE ON-SITE WASTEWATER LAW OR RULES (130A-133, et. seq.; 15A NCAC 18A Section .1900) INCLUDING BUT NOT LIMITED TO IMPROPER SITING, EXCESSIVE WATER USAGE, IMPROPER GREASE DISPOSAL, PLACEMENT OF IMPROPER MATERIALS INTO THE SYSTEM, IMPROPER OPERATION OR IMPROPER MAINTENANCE; OR ANY OTHER EVENT NOT CAUSED BY THE COMPANY. THIS PERMIT SHALL BE VOID IF THE SYSTEM OWNER FAILS TO COMPLY WITH ALL OF THE TERMS SET FORTH IN SECTION II AND IV OF THIS WARRANTY.

FURTHERMORE, IN NO EVENT SHALL THE COMPANY BE RESPONSIBLE FOR ANY LOSS OR DAMAGE TO THE ORIGINAL OR SUBSEQUENT SYSTEM OWNER(S), THE DRAIN FIELD SYSTEM, OR ANY THIRD PARTY RESULTING FROM SHIPMENT OF THE DRAIN FIELD SYSTEM, OR FROM ANY PRODUCT LIABILITY CLAIMS OF THE ORIGINAL OR SUBSEQUENT SYSTEM OWNER(S) OR ANY THIRD PARTY.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. NORTH CAROLINA LAW MAY GIVE YOU CERTAIN SPECIFIC OTHER RIGHTS WHICH ARE NOT MENTIONED HEREIN.

VIII. TRANSFER OF WARRANTY

This warranty extends to the original system owner and to each subsequent owner of the system during the term of this Limited Warranty.

"I acknowledge to the company and the system owner that the wastewater system and the EZflow Brand drain field system have been installed in accordance with the installation instructions of the company, state wastewater laws and rules, the innovative wastewater system approval, the improvement permit and authorization to construct, and any conditions on the permit or authorization to construct, and other applicable laws and rules."

IX. INSTALLER CERTIFICATION

Business Name of Installer R.C.S., INC.

Name of Person signing (Print) CATHY HUDSON

Date 4-4-03 2308 HEATHLAKE DR. CHARLOTTE, NC

This warranty is provided in triplicate. One copy shall go to Ring Industrial Group, one to the local health department, and one to the system owner.

Write: Ring Industrial Group
65 Industrial Park Road
Oakland, TN 38060
Toll Free Phone: (800) 280-6333

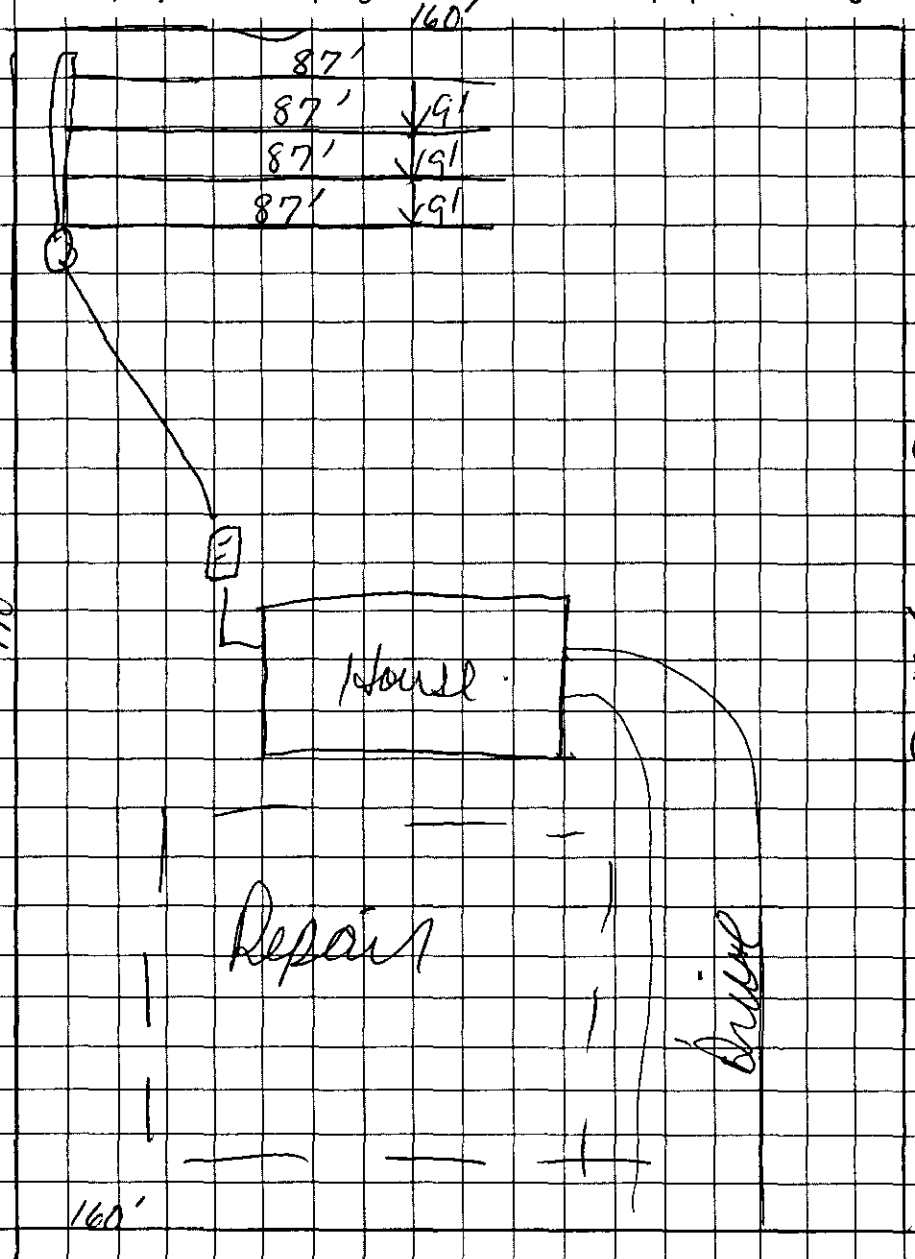
PROPOSED PLOT PLAN

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

FILE: 49903

TC: 195-072-16

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.



① Not to Scale.

② 1500 ST 347' Innovative Drain Kind 35% Reduction System.

③ Agreement Forms and Warranty Forms Required.

④ Stay > 5' off house; Greater than 10' off Property lines

190'

Heath Lake Dr.

APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

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

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 4990B Permit #: _____ Tax Parcel #: 195-072-16

Property Owner: Carlous Brown

Job Location Address: 2308 Heath Lake Dr

City: Mint Hill State: NC Zip Code: _____

Operation Permit Issuance Date: 04-15-2009 Contractor Name: RCS

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: N/A gallons

Liquid Capacity of Septic Tank: Existing gallons Effluent Pump Model: N/A

Drainfield Installation ☐ N/A

Trench Depth: 36 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 90 feet

# of Lines: 1 @ 90 feet

Depth of Media: 12 inches (Type) E2 Flow

Depth of Cover: 24 inches

Distribution Device: D-Box

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☐ Private Well ☒ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 10 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 100 feet

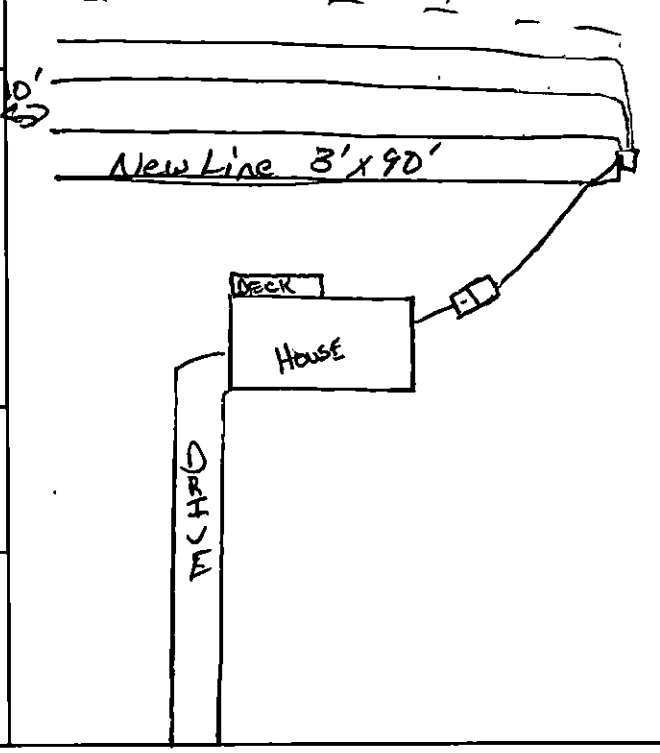
Inspection Dates

Tank(s) Inspected: _____

Excavation Inspected: 04-15-2009

Pump & Controls Inspected: _____

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☐ installed ☐ altered ☒ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued 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. The issuance of this 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. 1900 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 or Revocation of this permit.

Comments: System Classification & Type: III 9 E2100370 6, NA, NA

DENR Authorized Agent: Jeremy Michael Signature: Jeremy Michael

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 4990B Permit #: _____ Tax Parcel #: 195-072-16

Property Owner: Carlous Brown

Job Location Address: 2308 Heath Lake Dr.

City: Mint Hill State: NC Zip Code: _____

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☐ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Jeremy Michael Date: 04-15-2009

Signature: Jeremy Michael

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 4990B Permit #: _____ Tax Parcel #: 195-072-16

Property Owner: Carlous Brown

Job Location Address: 2308 Heath Lake Dr.

City: Mint Hill State: NC Zip Code: _____

Installation Approval Issuance Date: 3-5-09

Permission is hereby given to ☐ install ☐ alter ☒ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 4-5-09, after which date this approval 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 granting this approval. 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 of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

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

Permitted Design Flow: 480 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: Existing 1500 gallons

Liquid Capacity of Dosing Tank: _____ gallons

Drainfield Design ☐ N/A

Trench Depth: 36 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 90 feet

# of Lines: 1 @ 90 feet

Depth of Media: 12 inches (Type) 25% Red.

Distribution Device: D-Box

Bed Design *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☐ Private Well ☒ Community Well

☐ Other _____

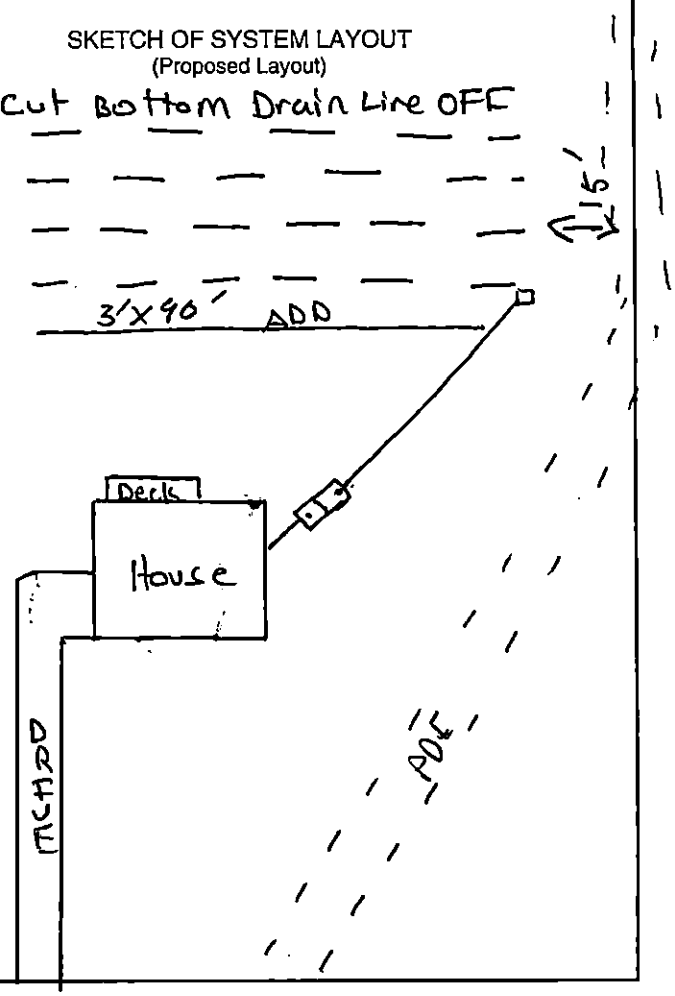
Minimum System Setbacks

Distance from Building Foundation: 15+ feet

Distance from Property Line: 10+ feet

Distance from Water Supply Source: 100' T feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: III g

DENR Authorized Agent: Jeremy Michael Signature: Jeremy Michael

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ☐ N/A ☐ NEW SYSTEM ☐ ALTERATION ☑ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☐ N/A ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER:
STREET ADDRESS: 2308 Heath Lake Dr.
CITY: Mint Hill
STATE: NC **ZIP:** 28227
SUBDIVISION NAME: Heathfield
LOT #: **LOT SIZE (acres):** .69
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☑ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:

BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☑ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE: 3200
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 4
FOUNDATION TYPE: Crawl
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☑ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ☐ MUNICIPAL ☐ PRIVATE WELL ☑ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE (DRINKING WATER) ☐ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ N/A ☑ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☑ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☑ YES	☐ NO	JURISDICTIONAL WETLANDS	☐ YES	☒ NO
WELLS, SPRINGS, OR WATER LINES	☑ YES	☐ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☑ YES	☐ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☒ NO
CHEMICAL/PETROLEUM STORAGE TANKS	☐ YES	☒ NO	KNOWN UNDERGROUND CONTAMINATION	☐ YES	☒ NO
WASTE STORAGE	☐ YES	☒ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	☐ YES	☒ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 4/2003 ☐ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____ ☐ N/A

12. PROPERTY OWNER:
NAME: Carlous Brown
ADDRESS: 2308 Heath Lake Dr.
CITY: Mint Hill
STATE: NC ZIP: 28227
HOME PHONE: 704-545-7415
WORK PHONE: 704-651-4266
MOBILE PHONE:
FAX:

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE:
WORK PHONE:
MOBILE PHONE:
FAX:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

CLB (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

C L B

Property Owner's or Owner's Legal Representative Signature

3/5/2009

Date

OFFICE USE ONLY

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

2009 Repl

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 4940B WASPS App #: _____

Primary ES assigned to project: _____

Secondary ES assigned to project: _____

Project Type: New System ☐ Alteration ☐ Repair ☑ Modified Plot Plan ☐

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☐	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☐
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☐
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☐	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☐	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: _____ Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR	Yes ☐	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☐	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☐	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☐	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☐	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

IA issued date: 3-5-09

OP issued date: 4-15-09

Review performed by: JCR Date performed: 4/15/09