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 #: 3658B Permit #: 2254 Tax Parcel #: 217 201 41

Property Owner: Steve Price

Job Location Address: 16215 Hanes Bee Ln

City: Charlotte State: NC Zip Code: 28278

Operation Permit Issuance Date: 4/12/12 Contractor Name: Trent Raye

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Effluent Pump Model: Gould 1.5 HP

Drainfield Installation ☐ N/A

Trench Depth: 38 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 333 feet

# of Lines: 6 @ various lengths feet

Depth of Media: NA inches (Type) PPBPS

Depth of Cover: 6 inches

Distribution Device: Manifold

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: 15 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: > 50' feet

Inspection Dates

Tank(s) Inspected: 5/6/11

Excavation Inspected: 5/6/11

Pump & Controls Inspected: 4/11/12

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

see plot plan on file

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: Type IVa Pump to PPBPS / PPBPS/P/NA, NA

DENR Authorized Agent: Philo Walker RS Signature: Philo Walker RS

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

File #: 3658 B Permit #: 2254 Tax Parcel #: 217 201 41

Property Owner: Steve Price

Job Location Address: 16215 Hanes Bee Ln

City: Charlotte State: NC Zip Code: 28278

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: Type IIa

*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: Pump to PPBPS

DENR Authorized Agent: Philo Walker Date: 4/12/12

Signature: Philo Walker REHS

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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 #: 3658B Permit #: 2254 Tax Parcel #: 217 20141

Property Owner: Steve Price

Job Location Address: 16215 Hanes Bee Ln

City: Charlotte State: NC Zip Code: 28278

Installation Approval Issuance Date: 3/23/12

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 4/23/12, 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: 600 GPD
Site LTAR: .3 GPD/ft² (For new installations only.)
Liquid Capacity of Septic Tank: 1500 gallons
Liquid Capacity of Dosing Tank: 1500 gallons

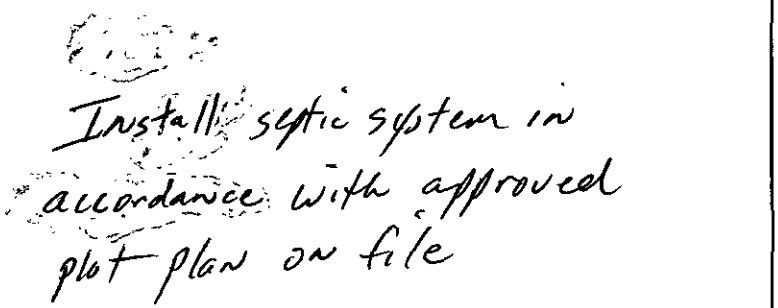
Drainfield Design ☐ N/A
Trench Depth: 36 inches
Trench Width: 3 feet
Line Spacing: 9 feet (O.C.)
Total line length: 333 feet
# of Lines: 6 @ various lengths feet
Depth of Media: NA inches (Type) PPBPS
Distribution Device: Manifold

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' 50' MIN feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: Type IVa PPBPS System

DENR Authorized Agent: Philo Walker REHS Signature: Philo Walker RS

Rhea's Backhoe and Septic Tank Service, Inc.
5030 Harmon Road
Kings Mountain, NC 28086
(704) 739-5849
Fax (704) 734- 0476

Inspection and Maintenance Agreement

Witnesseth

Whereas, the Owner owns or controls the property upon which a ground absorption sewage treatment system (hereinafter "system") is installed, such system being designated a Type IV system under the Rules for sanitary Sewage Collection, Treatment and Disposal found at 15A N.C. Adm. Code 18A.1900 et seq.; and

Whereas, 15A N.C. Admin. Code 18A.1961 requires a contract to be executed between the system owner and a management entity prior to the issuance of an Operation Permit for said system; and

Whereas, 15A N.C. Admin Code 18A. 1961 requires that a condition of the Operation Permit for said system be that a properly executed contract between the system owner and a management entity shall be in effect for as long as the system is in use; and

Whereas, the Contractor is a management entity of a type authorized by 15A N.C. Admin. Code 18A.1961 to manage a Type IV system.

Now Therefore, in consideration of the premises and of the mutual covenants and promises contained in the Agreement, it is hereby agreed by and between the Owner and the Contractor as stipulated below.

1. The Contractor's Obligations. The Contractor shall perform the following services on the Owner's system located at 1621 5 Hawes Bee Lane

   a. The contacor shall inspect the system at least at the frequency required in Table V(b) of 15A N.C. Admin. Code 18A.1961(b) for a Type IV System.

b. The Contractor shall perform the following routine maintenance procedures in accordance with the conditions of the Operation Permit:
(1) Flush the Low Pressure Lines & reset head pressure
(2) Check Pump & Control panel
(3) Inspect all aspect of System

c. The Contractor shall report the results of its inspections the the local health department at the frequency specified in Table V(b) of 15A N.C. Admin. Code 18A. 1961(b) for a Type IV System.

d. If an inspection indicates the need for system repairs, the Contractor shall notify the local health department within 48 hours of the inspection.

e. The Contractor shall notify the Owner of needed repairs which are outside of the scope of routine maintenance described in subparagraph (b) above. The Contractors shall perform necessary repairs to the system at the request of the Owner and shall be entitled to payment therefore at the Contractor's normal charge for services and materials.

f. The Contractors shall employ or shall contract with a certified operator(s) if required by Table V(b) of 15A N.C. Admin. Code 18A.1961(b) for a Type IV system.

g. The Contractor shall respond to a request for a nonscheduled service or maintenance call within 72 hours after receipt of such request.

2. The Owner's Obligations.

a. The Owner shall pay to the Contractor the sum of $ 350 per year for periodic inspections, routine maintenance procedures and periodic reports. The annual fee may be amended upon sixty (60) days advance notice to the Owner but may not be increased more than 15 percent per year. The Owner shall pay the Contractor his normal and customary fees for any work performed on the system as a result of nonscheduled service or maintenance calls. All fees are due and payable within thirty (30) days of billing. Payments due to the Contracotr and unpaid by the Owner after thirty(30) days shall accrue interest from the due date until paid at a rate of 1.5 percent per month.

b. Within 30-45 days of receipt of notice of needed repairs pursuant to paragraph l.e. above, the Owner shall request the Contractor to complete needed repairs or shall provide to the Contractor evidence that the needed repairs were satisfactorily completed by another entity.

c. The Owner shall provide the Contractor with such access to the system as is reasonably necessary for the Contractor to comply with the terms of this Agreement.

3. Term This Agreement shall remain in effect until terminated.

a. Automatic Termination.
This agreement shall automatically terminate if the Operation Permit for the system is revoked and all appeals of the revocation are exhausted or time for taking an appeal has passed.

b. Termination by Mutual Consent.
The Parties may mutually agree to terminate this Agreement by giving written notice of termination by mutual consent to the local health department thirty(30) days in advance of the date of termination.

c. Termination by the Owner.
The Owner may terminate this Agreement by giving notice to the Contractor and the local health department thirty(30) days in advance of the date of termination.

d. Termination by the Contractor.

(1) The Contractor may terminate this Agreement for cause by giving written notice of intent to terminate this Agreement to the Owner and to the local health department thirty(30) days in advance of the date of termination. Cause shall be defined as:

(a) Failure to remit payment for any bill for services performed under and in accordance with this agreement if said bill is not paid within thirty(30) days of receipt by the Owner of the bill. If said bill is paid after notice of termination of this Agreement, the Agreement shall continue in effect; or

(b) Failure of the Owner to provide the Contractor authorization to complete needed repairs or satisfactory evidence that needed repairs to the system were completed by another entity within 30-45 days of receipt of notice of needed repairs. If repairs and evidence of repairs is presented after notice of termination of this Agreement, the Agreement shall continue in effect;

(c) Failure of the Owner to allow the Contractor such access to the system as is reasonably necessary in order for the Contractor to comply with the terms of this Agreement.

(2) The Contractor may not terminate this Agreement without cause, but may assign its rights and duties under this Agreement as provided in paragraph 4, below.

4. Assignment

a. Assignment by the Owner. The Owner shall notify the Contractor of the name and address of any purchaser of the property on which the system is located. The Owner shall also notify any purchaser of the property on which the system is located of the existence of thes Agreement and shall assign all rights and duties under this Agreement to said purchaser.

b. Assignment by the Contractor. The Contractor may assign its rights and duties under this Agreement to antoher management entity which is qualified pursuant to 15A N.C. Admin. Code 18A.1961 to manage Type_____system upon thirty(30) days written notice to the owner and the local health department.

5. Notice. Every notice required under this Agreement shall be in writing and shall be deemed sufficiently given if delivered in person or sent by certified or registered mail, return receipt requested, postage prepaid to the party to be notified and addressed as follows:

Owner: Steve Price
16215 Hares Bee Lane

Contractor: Rhea's Backhoe and Septic Tank Service, Inc.
5030 Harmon Road
Kings Mtn, NC 28086

Local Health
Department: Mecklenburg County

The date of any Notice shall be the date of personal delivery or the date shown on the return receipt as the date of delivery or attempted deliver, ad the case may be. Changes in the respective addresses to which notice may be directed may be made from time to time by either Party by notice to the other party.

6. Place of Agreement. This Agreement and any questions concerning its validity, construction or performance shall be governed by the laws of the State of North Carolina. Notwithstanding the place of

execution, or the order in which the signatures of the Parties are affixed.

7. Entire Agreement and Amendment. This Agreement supersedes all prior negotiations, agreements and understandings between the Parties with respect to the subject matter hereof and constitutes the entire Agreeemnt between the Parties with respect to the subject matter hereof. To be effective, any amendment or modification to this Agreement must be in writing and must be signed by the parties.
8. Severability. In the event that any provision of the Agreement shall, for any reason, be determined to be invaled, illegal or unenforceable in any respect, the Parties shall negotiate in good faith and agree to such amendments, modifications or supplements of or to this Agreement or such other appropriate actions as shall, to the maximum practicable in light of such determination, implement and give effect to the intentions of the Parties as reflected in the Agreement, and the other provisions of the Agreement shall, as so amended, modified, supplemented or otherwise affected by such actions, remain in full force and effect.

IN TESTIMONY WHEREOF, the parties hereto have executed this Agreement in duplicate originals, one of which is retained by each of the Parties, the day and year first above written.

(owner)

5/12/11

(date)

5-12-11

(Contractor)

(date)

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

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002254** GWS File #: **3658B** Tax Parcel #: **217-201-41**

- This 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.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 4/20/2015

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 6086 # Bedrooms: 5 # Occupants: 2

Building Foundation: Basement With Plumbing Water Supply: Private Well

II. Initial System Type: PPBPS (pressurized) **System Classification:** IVa

Initial System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	999	Total Trench Length (ft):	333
Maximum Trench Depth (in):	36	Depth of Media (in):	N/A	Distribution Device:	Manifold (LPP Distri		

III. Repair System Type: PPBPS (pressurized) **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1000	Total Trench Length (ft):	333
Maximum Trench Depth (in):	36	Depth of Media (in):	N/A	Distribution Device:	Manifold (LPP Distri		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Philo Walker

Signature: Philo Walker III

Date Issued: 4/20/2010

Owner/Legal Agent: _____
Print Name

Signature: _____

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

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002254** GWS File #: **3658B**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 3 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- This type of septic system requires a Certified Operator to maintain the system. A system maintenance contract with a Certified Operator must be on file prior to issuance of an Operation Permit.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- The septic system shall be located at least 10 feet from any foundation drain.
- 4/20/10 SITE VISIT CONDUCTED WITH BUILDER. NEW HOUSE AND SITE PLANS VERIFIED.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

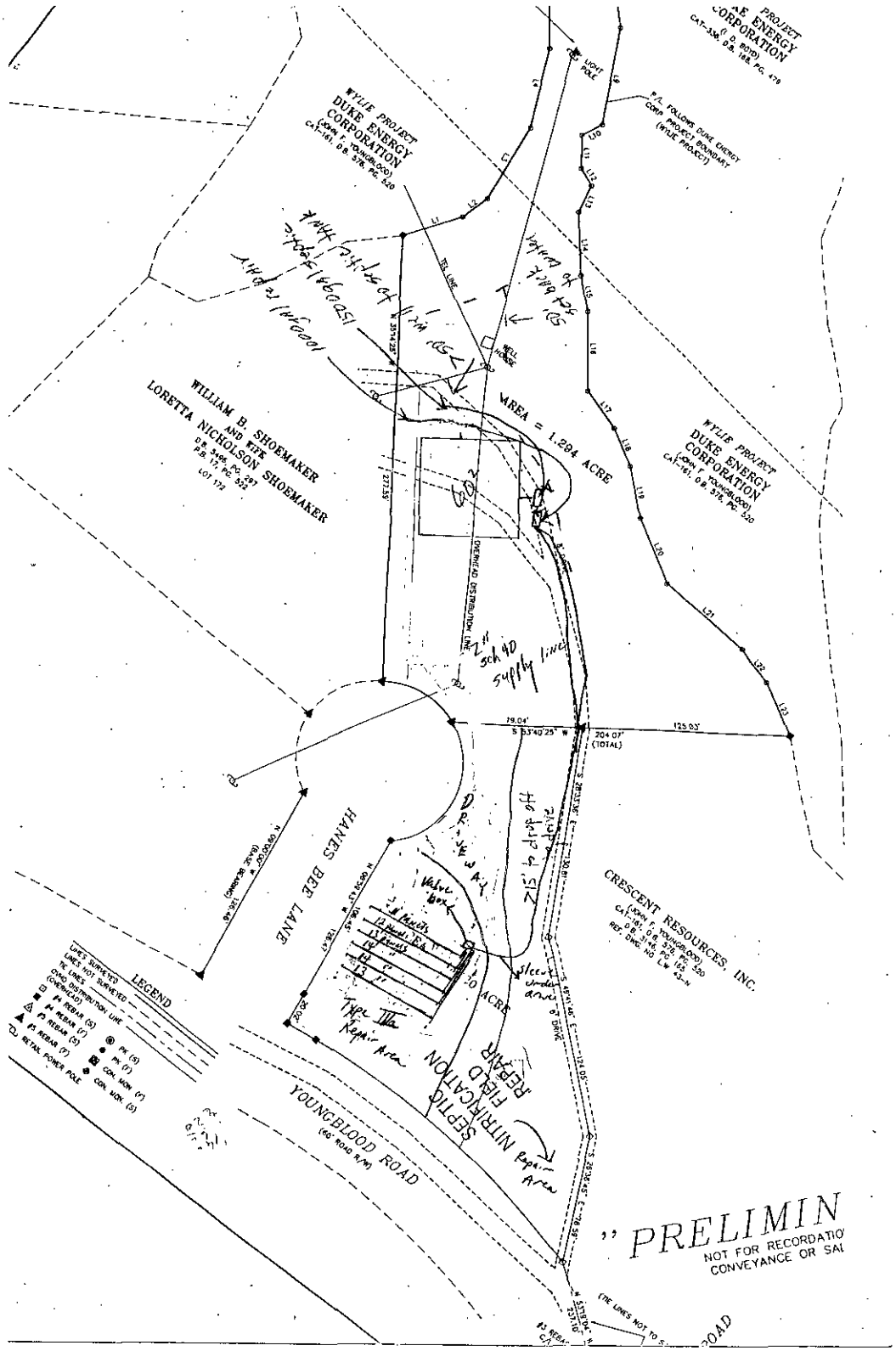
DENR Authorized Agent: Philo Walker

Signature: Philo Walker RS

Date Issued: 4/20/2010

Owner/Legal Agent: _____
Print Name

Signature: _____


WYLIE PROJECT
DUKE ENERGY
CORPORATION
(JOHN F. YOUNGBLOOD)
CAT-561, D.B. 576, PG. 320
WYLIE PROJECT
DUKE ENERGY
CORPORATION
CAT-3AM (D. BOYD) D.B. 188, PG. 479
P/L FOLLOWS DUKE ENERGY
CORP. PROJECT BOUNDARY
(WYLIE PROJECT)
WILLIAM B. SHOEMAKER
AND WIFE
LORETTA NICHOLSON SHOEMAKER
D.B. 3496, PG. 297
P.B. 17, PG. 322
LOT 172
AREA = 1.294 ACRE
2" sch 40 supply line
HAINES BEE LANE
79.04'
S 83°40'25" W
125.03'
204.07'
(TOTAL)
CRESCENT RESOURCES, INC.
(JOHN F. YOUNGBLOOD)
CAT-561, D.B. 576, PG. 320
REF. DWG. NO. LW 42-N
Valve Work
Sleeve under drive
Repair Area
SEPTIC NITRIFICATION FIELD REPAIR
.10 ACRE
Repair Area
YOUNGBLOOD ROAD
(66' ROAD R/W)
LEGEND
LINES SURVEYED
LINES NOT SURVEYED
TIE LINES
OVHD. DISTRIBUTION LINE
(OVERHEAD)
#4 REBAR (S)
#5 REBAR (F)
#5 REBAR (S)
#5 REBAR (F)
RETAIL POWER POLE
PK (S)
PK (F)
CON. MON. (F)
CON. MON. (S)
PRELIMIN
NOT FOR RECORDATIO
CONVEYANCE OR SAI
(TIE LINES NOT TO S
#5 REBA
OAD

RESIDENTIAL LOW PRESSURE T & J PANEL SEPTIC SYSTEM FOR SUBSURFACE WASTEWATER DISPOSAL 16215 HANES BELL LANE MECKLENBURG COUNTY, NC

MCHD FILE # 36588

36588

Prepared for:
Robert J. Teller
5520 Sharon View Road
Charlotte, North Carolina 28226

Prepared by:
S&ME, Inc.
385 Timber Road Suite 104
Mooresville, North Carolina 28115
office (704) 662-8625
fax (704) 662-8735
tjacobs@smeinc.com

May 6, 2007

GWS Septic System Design Review

GWS File # 36588 **Approved** ☒ **Disapproved** ☐

Design Review: TCT 5-7-07

Field Review: [signature] 5/4/07 ☒ ☐

*Projects are not considered "APPROVED" until both sections above are completed and indicate an APPROVED status.

LICENSED SOIL SCIENTIST TONEY C. JACOBS 1063 STATE OF NORTH CAROLINA

Copy: Mr. Chris Sherrill, R.S.
Mecklenburg County Health Dept.-IWWS
700 N. Tryon Street
Charlotte, N.C. 28202

Toney C. Jacobs, LSS

What time works best for you?

CMS Life # _____ Monday Tuesday Wednesday

Dental Appointment ☐ ☐ ☐

Hair Appointment ☐ ☐ ☐

*Please do not schedule appointments during these times

BACKGROUND

S&ME designed and planned the proposed system. Due to the limited available space on the lot, including lake setbacks, drive, and house, a T & J panel block system with 335 feet of line for the primary system with equal repair. The proposed system will be a Type IV and require a maintenance contract with a certified operator.

APPLICATION INFORMATION

1. Prepared for:

Owner:	Robert J. Teller 5520 Sharon View Road Charlotte, North Carolina 28226
Soil Scientist and Designer:	Toney C. Jacobs, LSS S&ME, Inc 385 Timber Road Suite 104 Mooresville, NC 28115 (704) 662-8625 (Office) (704) 662-8735 (fax)

2. Water supply is provided by an on-site well (shown on site plan).
3. Facility to be served by the proposed system is a 5 bedroom single family residence.

LOCATION

The property is located off Youngblood, next to Hanes Bee Lane.

REFERENCES

Design and Installation of Low Pressure Pipe Waste Treatment Systems by: Craig Cogger, Bobby L. Carlile, Dennis Osborne, Ed Holland; published by UNC Sea Grant College Pub. UNC-SC-82-03, May 1982.

Law and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment Health and Natural Resources, August 1, 1995.

T & J Design Manual

PLANS AND SPECIFICATIONS FOR SPECIFIC SYSTEM COMPONENTS

Septic Tank

1. The septic tank receives wastewater directly from the house
2. A septic tank shall be watertight, structurally sound, and not subject to excessive corrosion or decay.
3. The septic tank must be of two-compartment design for maximum solids retention. The inlet compartment of two-compartment tank shall hold between two-thirds and three fourths of the total tank capacity.
4. Effluent from the two-compartment septic tank flows by gravity through a State approved effluent filter and a four-inch solid PVC pipe to the pumping tank.
5. Both the septic tank and pumping tank must be provided with above ground approved manhole risers to provide easy access for clean-out and pump service.
6. When prefabricated concrete tanks or tanks of other material are used, they shall be constructed in accordance with the plans which have been approved by the State and shall comply with all requirements of Section .1953 of 15A NCAC 18A.
7. On the outlet tee of the septic tank an effluent filter must be installed. This filter should be equivalent to a Zabel Model A1800 or other State approved unit supplied by the tank manufacturer.

Pumping Tank

1. The pumping tank shall have an access manhole extending at least 6 inches above finished grade.
2. A septic tank effluent pump that will not be corroded by sewage shall be used in the pumping tank.
3. The pump must be placed on two concrete blocks set next to each other on the bottom of the tank. This prevents the pumping of any solid particles that can clog the system.
4. A piece of nylon rope or other non-corrodible material should be attached to the pump and to the outlet pipe for lifting the pump in and out of the chamber.
5. The lower level control or "pump-off" must be positioned above the pump, so that the pump remains submerged at all time.
6. The pump outlet pipe should be connected to the supply manifold with a threaded PVC union to allow quick removal.
7. Pump and Simplex control circuits shall be provided with manual circuit disconnects within a watertight, corrosion-resistant, outside enclosure (NEMA 4X or equivalent) adjacent to the pump tank, securely mounted at least 12 inches above finished grade. Pump control (Simplex) may be mounted on side of house if loop cord pump is used. The pump shall be manually operable without requiring the use of special tools or entrance into the tank for testing purposes. Conductors shall be conveyed to the disconnect enclosure through water proof, gas proof, and corrosion-resistant conduits, with no splices or junction boxes provided inside the tank. Wire grips, duct seal or other suitable material shall be used to seal around wire and wire conduit openings inside the pump tank and disconnect enclosure. There shall be two electric circuits for controls: one for pump power, one for the alarm. These will require 2 circuit breakers.

8. The pump tank shall have a properly functioning high-water alarm. The alarm circuit shall be supplied ahead of any pump overload and short circuit protective devices. It should be on a separate electrical circuit from the pump power line. The alarm shall be audible and visible by system users and included in the pump and control enclosure (Simplex Panel). The alarm is activated if the water level in the pump tank rises above the "pump on" float control. The tank provides at least one day or more of excess storage capacity (depending on water use in the home) during which time the system must be repaired.
9. Float switch for the high water alarm shall be set no more than 3 inches above the high water level of pump cycle.
10. Float switch tie downs to be made of corrosion resistant material, no tape or metal hose clamps. For maintenance flexibility, tree must be used to set floats.
11. Watertight testing per .1900 rules shall be required on two piece pump tanks.
12. Wiring between the pumping tank and the house should meet State and local code requirements.

Pipe and Fittings

1. All pipes and fitting should be made of SCH 40 PVC.
2. All joints must be sealed with appropriate PVC-solvent cement.
3. There should be a threaded PVC union above the pump to allow easy removal or replacement.
4. A gate valve for final pressure adjustment is installed in the supply line inside the pumping tank.
5. Manifold and valve as shown in specifications.
6. Lateral lines are made of 1 1/4 inch SCH 40 PVC placed in T & I panels. Holes in laterals are drilled on-site.
7. The end of each lateral is equipped with a capped "turn-up" that provides above ground access for clean-out or back flushing of the laterals. Using (2) 45-degree elbows rather than a 90-degree elbow for the turn-ups will make clean-out easier.

CONSTRUCTION INSTALLATION

Site Preparation

1. One of the most important concerns for an on-site system is to protect the site from soil disturbance. This site will have supervised grading and leveling of the field area. No equipment should be back on drainfields until installation of septic system. Arrange site visit with MCHD and/or TCI & Assoc. (704-663-6905) two days before grading for grading supervision.
2. The absorption field area has been designed. It should be roped off and protected from construction traffic.
3. The site is clear of brush and small trees. No additional site disturbance should be necessary.

Tank Installation

1. The two-compartment septic tank is installed.
2. The pumping tank is installed next to the septic tank.

3. The tanks are connected with an appropriate length of solid, four-inch PVC pipe.

Supply Manifold

1. The supply manifold conveys effluent from the pump to the distribution laterals.
2. Design of the manifold is shown on attached diagrams.
3. After the supply manifold has been placed in its trench and lateral lines connected, it should be backfilled with tightly tamped soil. The supply manifold trench must not be backfilled with gravel, or the trench may become a conduit for downslope flow effluent from the laterals.

T & J Lateral Lines

1. Install T & J Panels per cited reference material and this plan. 36" MAX. TRENCH DEPTH.
2. Trenches shall be 36" wide, and 9' minimum on center. Trenches shall be "level" from end to end.
3. There should be one 5/32 inch hole near the center of each panel, pointed up. (Note this system uses five valves; one on each lateral.)
4. A short turn-up with a capped end is at the end of each lateral. The capped end must be brought up above or flush with the final grade. Using two 45-degree elbows for constructing cleanouts is recommended. A larger diameter sleeve with cap or approved box with lid shall be placed over the turn-up.

PROPER OPERATION CHECK AND PRESSURE HEAD ADJUSTMENT

1. After all connections have been installed and connected, the system should be checked for proper operation. With electrical power turned off, fill the pump tank with a garden hose until the liquid rises to the level of the high-water alarm float.
2. Turn on the electrical power. The alarm light should go off when the liquid level falls below the high-water float. The pump should turn off when the liquid reaches the lowest float control. Be sure the pump is still completely submerged.
3. The pressure head is measured as the height liquid will rise above the turned-up elbow when the pump is running. To set or check the pressure head:

   - Glue a three-foot length of pipe (preferable clear) to a threaded adapter that will screw onto the turn-ups at the end of each lateral.
   - Replace each turn-up cap with the pipe and adapter.
   - Turn the power on to allow liquid to rise in the pipe.
   - Adjust the gate valves until the effluent reaches the desired height in the pipe. Remember to include the distance below the ground surface to the lateral line when measuring the height.

FINAL LANDSCAPING

1. After the system is installed, the following should be checked to ensure that the system

will not be overloaded with excess rainwater and runoff. The distribution field is shaped to shed rainwater and is free of low areas.

2. Finally, the entire area should be planted with grass in order to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized before planting. After applying an appropriate grass seed, the area should be heavily mulched with straw or other suitable material.

QUALITY ASSURANCE REQUIREMENTS

The system must be installed by a qualified and competent contractor. Critical stages of the installation, which should be checked, are:

1. System layout and careful cutting of the top to get a consistent slope on the landscape.
2. Septic and pump tank installation prior to backfilling.
3. Manifold and lateral installation prior to backfilling.
4. Final landscaping, operation and pressure head check.

The system design is based on a maximum waste flow of ~~450~~ 600 gallons per day. Homeowners should pay particular attention to the section titled Homeowner Suggestions for ways to minimize the burden on the system.

OPERATION AND MAINTENANCE PROCEDURE

The system is classified as **Type IV and DOES require a maintenance contract** with a certified operator. The contract shall be executed between the system owner and a management entity prior to the issuance of an Operation Permit. The contract shall include the specific requirements for maintenance and operation, responsibilities of the owner and system operator, and provisions that the contract shall be in effect for as long as the system in use.

Operating, Maintenance and Inspection procedures shall include, but not be limited to the following:

- Minimum inspection/maintenance frequency shall be 2 times per year, with reporting frequency every 6 months to the local health department.
- Septic system shall be pumped every 4 years or when solids accumulate to 1/3 the volume of the tank.
- At 6-month intervals, inspect the effluent filter. When washing the filter, debris must be sprayed directly back into the septic tank and not onto the lawn.
- All laterals shall be checked and, if necessary, flushed annually with clean water.
- Pressure head for laterals should be checked and adjusted one month after installation and semi-annually thereafter.
- All piping and fittings shall be checked annually for damage and/or proper operation and corrections made immediately.

- The property should be inspected to insure all surface water is diverted away from the fields and tank. Any ponding of surface water should be corrected.
- Grasses shall be mowed and maintained and any erosion shall be corrected promptly.
- The nitrification field area shall be checked for leakages, blowouts or malfunction, indications of damp or mushy areas compared to surrounding area or evidence of noticeable odor of sewage. Repairs shall be made immediately.
- The pump electrical should be checked to insure right, clean connections with no corrosion and proper operation.
- Pump switches shall be checked for free operation and proper level set.
- Pump draw down depth and delivery rate shall be checked each year
- Check septic tank and pump tank for evidence of damage or leakage. Check the quality of effluent including grease and sludge accumulation.

The system operator, in conjunction with the local Health Department shall establish an operation and maintenance program and procedure based on experience obtained from similar installations.

HOMEOWNER SUGGESTION

Most systems do not require much effort to operate and maintain. Even though the effort is small, the system must be maintained properly so that it operates reliably and at a minimum cost. Following are suggestions for the homeowner to minimize the burden on the septic system.

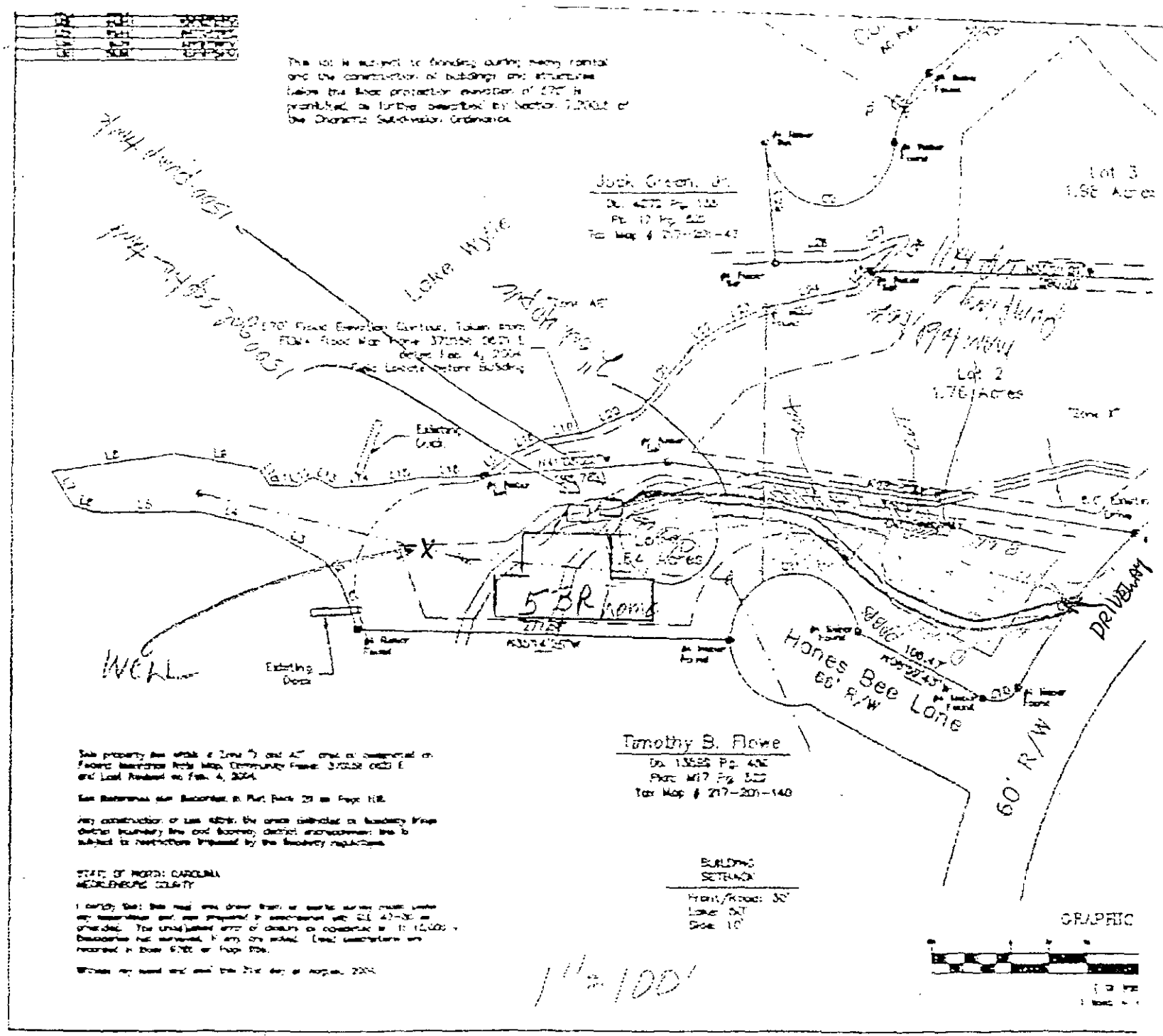
1. Garbage disposals should not be used in on-site systems. The ground garbage adds large amounts of solids to a septic tank, causing sludge to build up at a quicker rate than without. If disposal is installed, use should be limited.
2. Grease, cooking oils and coffee grounds should never be put into a septic tank.
3. Items such as disposable diapers, cigarettes, facial tissues and other solid or paper wastes should not be flushed into the on-site system.
4. Used motor oil and other such oily liquids should not be put into a septic tank.
5. Using less water can reduce the amount of water flowing to the treatment and disposal field.
6. Water-saving fixtures and devices can be installed on sinks, toilets and showers to reduce the rate at which the water flows from the fixture.
7. Dishwashers and washing machines should only be run with full loads.
8. Leaky faucets and toilets can add large volumes of water to the daily flow of water into the on-site system. Repair the leaks to save water and give the treatment and disposal field a rest.
9. Roof drains, basement sump pumps, foundation drains, and other such drains should not empty into or onto the surface above the on-site system. These drains should be directed to another part of the lot away from the treatment and disposal field.

DESIGN SPECIFICATIONS √ TCT

16215 Hanes Bee Lane

Daily design flow:	600 gpd.
Septic tank size:	1500 gal (2 compartments)
Pumping tank size:	1500 gal.
Effluent loading rate, Initial system	0.3 gpd/ft^2
Effluent loading rate, Repair system	0.3 gpd/ft^2
Total length and diameter of supply pipe:	approx. 240 ft. 2" SCH 40 PVC)
Number and length of laterals:	5 end-fed @ 67' (1¼ SCH 40 PVC total 335')
Hole size:	5/32"
Hole spacing:	1 per panel
Total number of holes:	77 (one in each 1' & 3 Panel near the center with the hole turned up) (approx. 1 panel per 54" of run)
Flow rate through the system:	38.5 gpm
Elevation head:	approx. 35' (to be verified by installer)
Pressure head:	3.0'
Friction head:	2.0'
20% contingency	8.0'
Total head:	48'
Pump requirements:	38.5 gpm at 48.0' of head; use Gould WE1CH1 pump or equivalent with compatible electrical
Dosing volume:	277 gal. 2.17 doses/day at design flow*
Depth of water pumped per dose:	calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump run per dose:	approx. 7.2 min
Check valve:	Yes
Siphon break hole:	No

* Before placement of cap block, one panel on each line near the center of the field should be observed filling to make certain that it does not overflow top chamber into air chambers of panel. If overflow occurs, reduce dose by 25 gallons and reset until no overflow is observed.

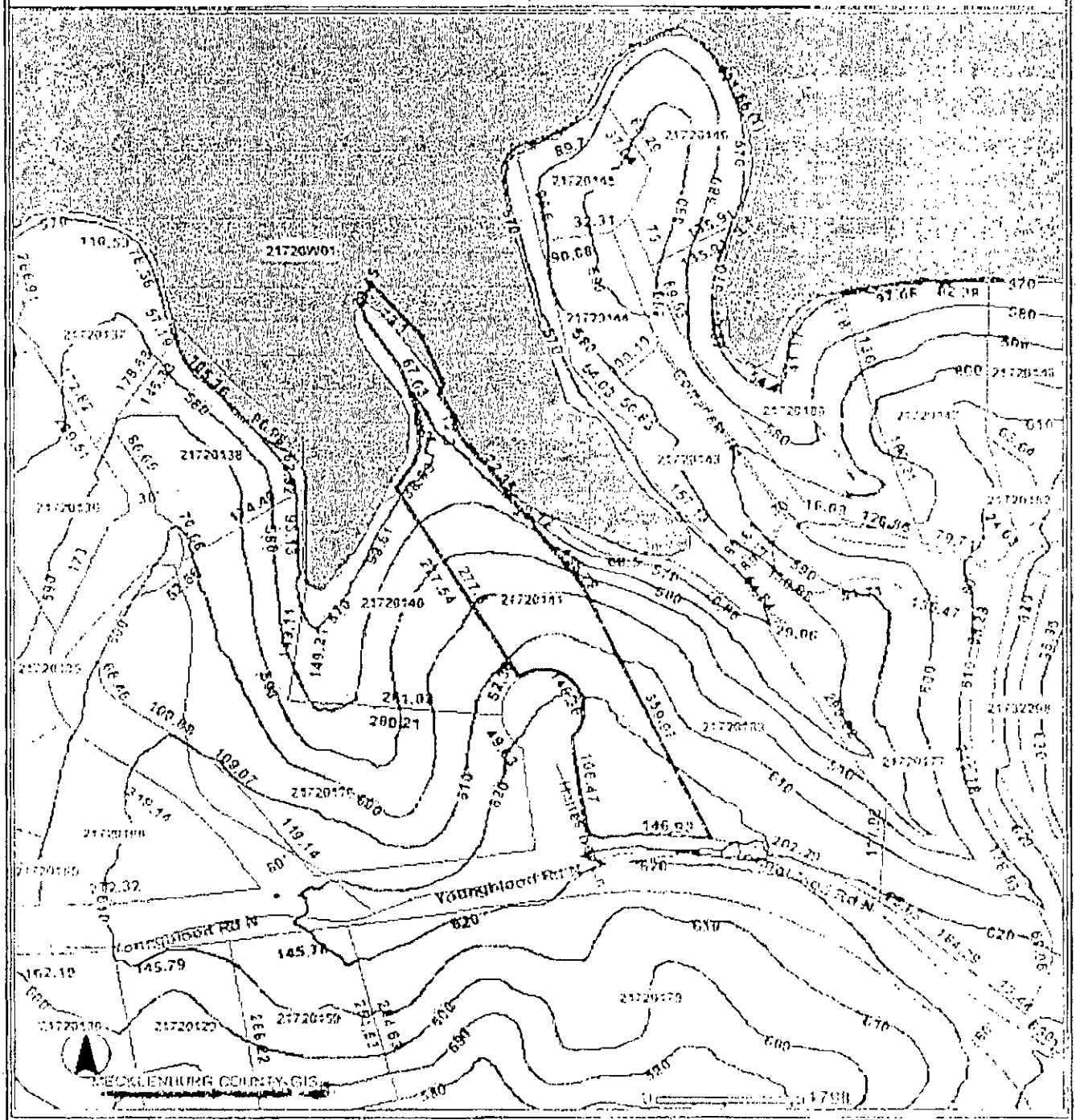

Jack Green, Jr.
Lot 3
1.56 Acres
Lot 2
1.76 Acres
5 BR home
Existing Dock
WELL
Existing Deck
Timothy B. Howe
Hones Bee Lane
60' R/W
DRIVEWAY
GRAPHIC

Mecklenburg County, North Carolina

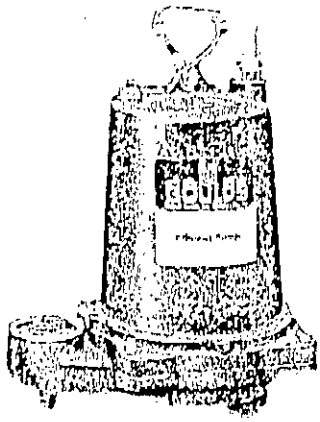
POLARIS

Property Ownership Land Records Information System

Date Printed: Sat May 5 16:11:01 EDT 2007



This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.



Goulds

Submersible Effluent

MODEL

3885

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: 3" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 128 GPM.
- Total heads: up to 123 feet (m).
- Mechanical seal: silicon carbide-rotary seal/silicon carbide stationary seal, 300 series stainless steel metal parts, BUNA-N elastomers.
- Temperatures: 104°F (40°C) continuous 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

Motor

Single phase:

- ½ HP, 115 V, 200 V, 230 V, 60 Hz, 1750 RPM; ½ HP, 115 V, 60 Hz, 3500 RPM; ¾ HP – 1½ HP, 230 V, 60 Hz, 3500 RPM.
- Built-in overload with automatic reset.
- Class B insulation.

Three phase:

- ¾ HP – 1½ HP 200/230/460 V, 60 Hz, 3500 RPM.
- Class B insulation.
- Overload protection must be provided in starter unit.
- Shaft: threaded, 400 series stainless steel.
- Bearings: ball bearings upper and lower.
- Power cord: 20 foot standard length (optional lengths available).

Single phase:

- ⅓ and ½ HP – 16/3 SJTO with 115 V or 230 V three prong plug.
- ¾-1½ HP – 14/3 STO with bare leads.

Three phase:

- ¾-1½ HP – 14/4 STO with bare leads. On CSA listed models – 20 foot length SJTW and STW are standard.

FEATURES

■ **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

■ **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge adaptable for slide rail systems.

■ **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts. BUNA-N elastomers.

■ **Shaft:** Corrosion resistant stainless steel. Threaded design. Lockout on three phase models to guard against component damage on accidental reverse rotation.

■ **Motor:** Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

■ **Designed for Continuous Operation:** Pump utilizes are within the motor manufacturer's recommended working limits, can be operated continuously without damage.

■ **Bearings:** Upper and lower bearings of the ball bearing construction.

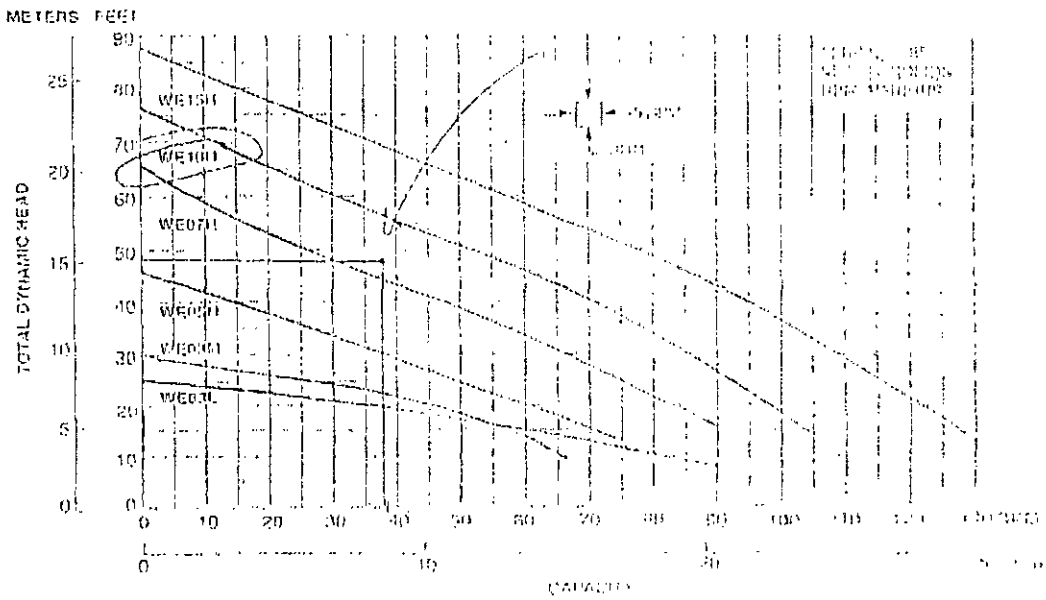
■ **Power Cable:** Severe duty rated oil and water resistant Epoxy seal on motor end provides several moisture barriers to protect motor from damage and to prevent oil wicking.

■ **O-ring:** Acts as a positive sealing against contamination and oil leakage.

AGENCY LISTINGS

Canadian Standards Association

Underwriters Laboratories



SEPTIC SYSTEM DESIGN REVIEW WORKSHEET

File: 3658B

Address: 16215 Hanes Bee Ln.

PID #: 217-201-41

Subdivision: N/A

Lot #: N/A

Comments:

1. Need updated application on file with new owner info. & 5 bedrooms.
2. Update soil report to reflect 5 bedroom evaluation.

Reviewed By: Trevor Thomason TCT

Date: May 7, 2007

Status: **X Approved** **Disapproved** **Pending**

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

Sheet: 1 of 2
Property ID # 217-201-41
Lot #: 1
File.#: 3658B
Code: 1 ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Beach Glass Development
Applicant: Andrew Wood
Address: 3500 Providence Manor Road, Charlotte, N. C. 28270
Date Evaluated: 7/26/2005
Proposed Facility: Residence
Design Flow (.1949): ~~360gpd~~ 600
Property Size: Approx .3a inv.
Location of Site: 16215 Hanes Bee Lane
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] 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	SOIL MORPHOLOGY 1941: 1941 Consistence Mineralogy	OTHER PROFILE FACTORS: 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-12	GR/SL	FR/SEXP/NS/NP	>49" TO SOIL WETNESS	49	N/A	NONE	PS, IV .3GPD/FT^2
		12-16	SBK/SCL	FR/SEXP/SS/SP					
		16-49	SBK/ABK/C	FI/SEXP/S/P					
2	"	0-9	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	"
		9-48	SBK/C	FI/SEXP/S/P					
3	"	0-4	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		4-38	SBK/C	FI/SEXP/S/P					
		38-48	SBK/CL	FR/SEXP/SS/SP					
4	LS, 10	0-12	GR/SL	FR/SEXP/NS/NP	"	"	"	"	"
		12-48	SBK/C	FI/SEXP/S/P					
5	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IV a	IV a
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

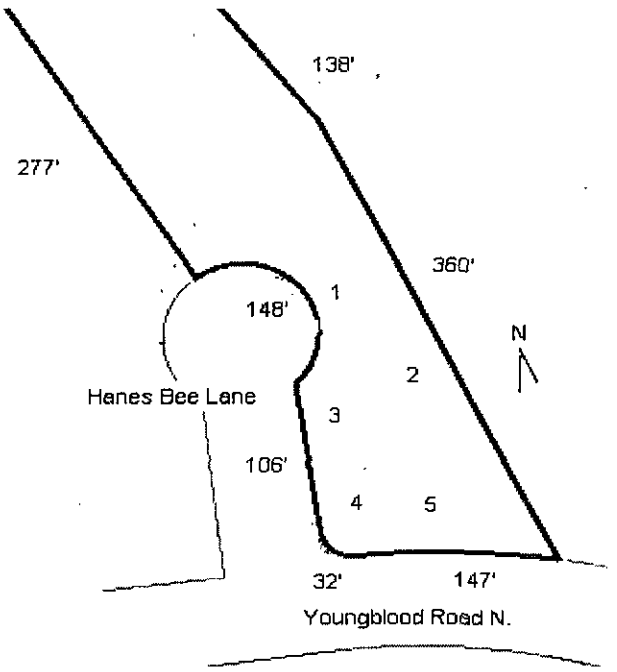
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/28/2005, W. R. Marlin
Others Present:

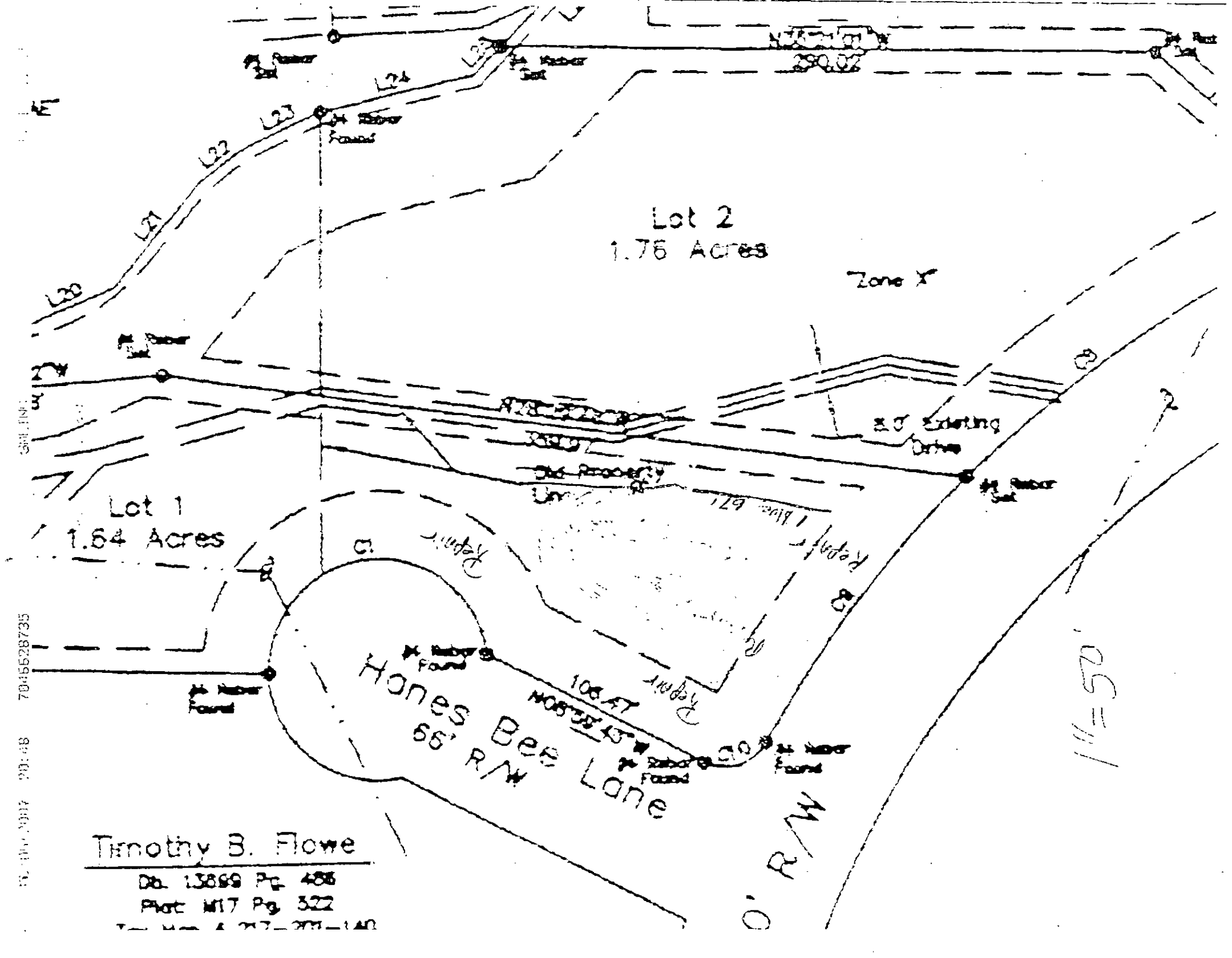
COMMENTS:
Lot appears to require 100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations




Lot 2
1.76 Acres
Zone X
Lot 1
1.64 Acres
Hones Bee Lane
66' R/W
Timothy B. Flowe
Db. 13869 Pg. 486
Plat Bk 117 Pg. 322
1"=50'

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

SERVICE REQUEST

Service Request Information

Request Number: **18323**
Request Type: **Resid Pool Approval**
Associated WO Number:
Date Initiated: 5/16/2011 9:25:10 AM
Submitted To: WALKER, PHILO

Priority: **3**
Status: IP
Initiated By: CRAIG, GWENDOLYN
Dispatched To: WALKER, PHILO

Incident Location

Problem Address: **16215 HANES BEE LA**

3658B
out to philo
Keep with File

Requesting Party Information

First Name	Last Name			
STEPHEN	PRICE	...ORD DRIVE	CHARLOTTE	28209

Home Phone	Work Phone	Other Phone

Question	Answer

Problem Details

Caller Details	no telephone # listed for Property owners, message left on vm for Michael Palmar w/Carolina Fine Homes to mark pool site and inform Philo Walker of same. System could not find street address to Geo-Code

Details (cont.)	no telephone # listed for Property owners, message left on vm for Michael Palmar w/Carolina Fine Homes to mark pool site and inform Philo Walker of same. System could not find street address to Geo-Code

Activity Details

Comments	

SERVICE REQUEST/WORK ORDER

Log No.: 18323 Section: **PHPM & ES** Hazard? ( )Yes ( )No

Date: 5/13/11 Parcel: 217-201-41 <60 Days? ( )Yes ( )No

REQUESTING PERSON: Melinda PHONE NUMBER(S): 65545

PROPERTY CONCERNED: Name Stephen Price Charlotte

ADDRESS: 16215 Stanes Bee Lane CITY Huntersville ZIP 28078

SERVICE REQUESTED: Please check septic system to the proposed location of the pool.

ASSIGNED TO/ AREA: P.W. COMPLETED BY:

DATE	ACTIVITY REPORT
5/16	5-16-11 9:17 lot 1 File # 3658B lm on vm to contact P.W when pool site has been marked
5/16/11	The addition of a swimming pool should not adversely effect the septic system or repair area as proposed on the attached plot plan. Pool already in construction phase.
5/18	Posse approval JJC 318194

NOTIFICATION TO REQUESTING PERSON: ( ) WRITTEN ( ) VERBAL (✓) NOT APPLICABLE

COMPLETED BY: Philo Walker RS DATE 5/16/11

REVIEWED BY: [signature] DATE 5-17-11

Mecklenburg County Health Department

APPLICATION FOR RESIDENTIAL POOL CONSTRUCTION

(All Sections of this Application Must Be Completed AND Signed for Processing)

Physical street address of installation: 16215 Hanes Bee Lane

Subdivision Name: N/A City: Charlotte Zip Code: 28278

Owner: Stephen And Miah Price Home Phone:

Mailing Address: 744 Montford Drive Work Phone:

City: Charlotte State: NC Zip Code: 28209

Contractor: Carolina Fine Homes Phone: 704-622-6979

Contractor Charge Account: Carolina Fine Homes X 36684

Mailing Address: 904 Kenyon Ct City: Charlotte State/Zip: NC 28211

1. Type of Water Supply(check one): ☐ City (Municipal) ☐ Private utility (Community) ☒ Private Well
2. Type of Sewage Disposal (check one): ☐ City (Municipal) ☐ Private utility (Community) ☒ Septic system

3. **All outdoor residential swimming pools and spas in Mecklenburg County are required to be completely fenced or protected once the pool is holding water. The minimum fence/barrier required by APPENDIX G of the NC Residential Code is 48"(inches) with no opening greater than four(4) inches through the barrier or more than 2"(inches under the barrier. Gates, when provided, must be self-closing, self-latching, and, where applicable lockable. Other requirements may apply. NOTE-driveway gates, when installed as part of the fence above, must be installed w/ automatic self-closers.**

4. **Attach a scale drawing showing the proposed location of the pool and any buildings, wells, or septic tank systems within 100 feet of the proposed pool.**

MUST BE COMPLETED BY HOMEOWNER OR LEGAL(POWER OF ATTORNEY) REPRESENTATIVE

I Stephen W. Price, owner of the property, agree to the following requirements: *(initials are required beside each item listed.)*

- I certify that the application and site drawing being submitted are accurate and complete. SWP
- I hereby authorize agents of the Health Dept. to enter onto the above property to process this request and to conduct a fence and gate inspection of the pool, when requested or needed. SWP
- I understand that the pool must be protected by a fence and gate(s) (or equivalent, if above ground) as specified in the NC Residential Code, APPENDIX G and the *Mecklenburg County Health Ordinance Rules Governing Residential Swimming Pools* and must be installed and **completed once the pool is capable of holding water** SWP

Signed: Stephen W. Price 5/4/11

Property Owner's Signature Date

By signing in this block, the contractor authorizes the processing fee for this request to be charged to their LUESA Contractor Account.

Michael Palmer 5/9/2011

NAME(PRINT) Signature Date

This area for MCHD use only:

Amount Paid: $ 75.00 ☐ Cash ☐ Check ☒ Contractor Account

Check Number: Date: 5/13/11 By: MSB

Request #: 3745 Parcel ID#: EHS:

Approved By: Phillo Walker RS Date: 5/16/11 CRT:

Disapproved By: Date: Notify Date:

Final/Fencing Inspection By: Date:

Signature on the "Approved By" line above by an employee of the MCHD indicates Health Department approval of this application and the accompanying site plan. All approvals are contingent upon the pool being operated in a manner that does not create a public health nuisance or hazard, and completion of the required pool barrier at the time the pool is capable of holding water. Revised Feb 2011

Project #318194

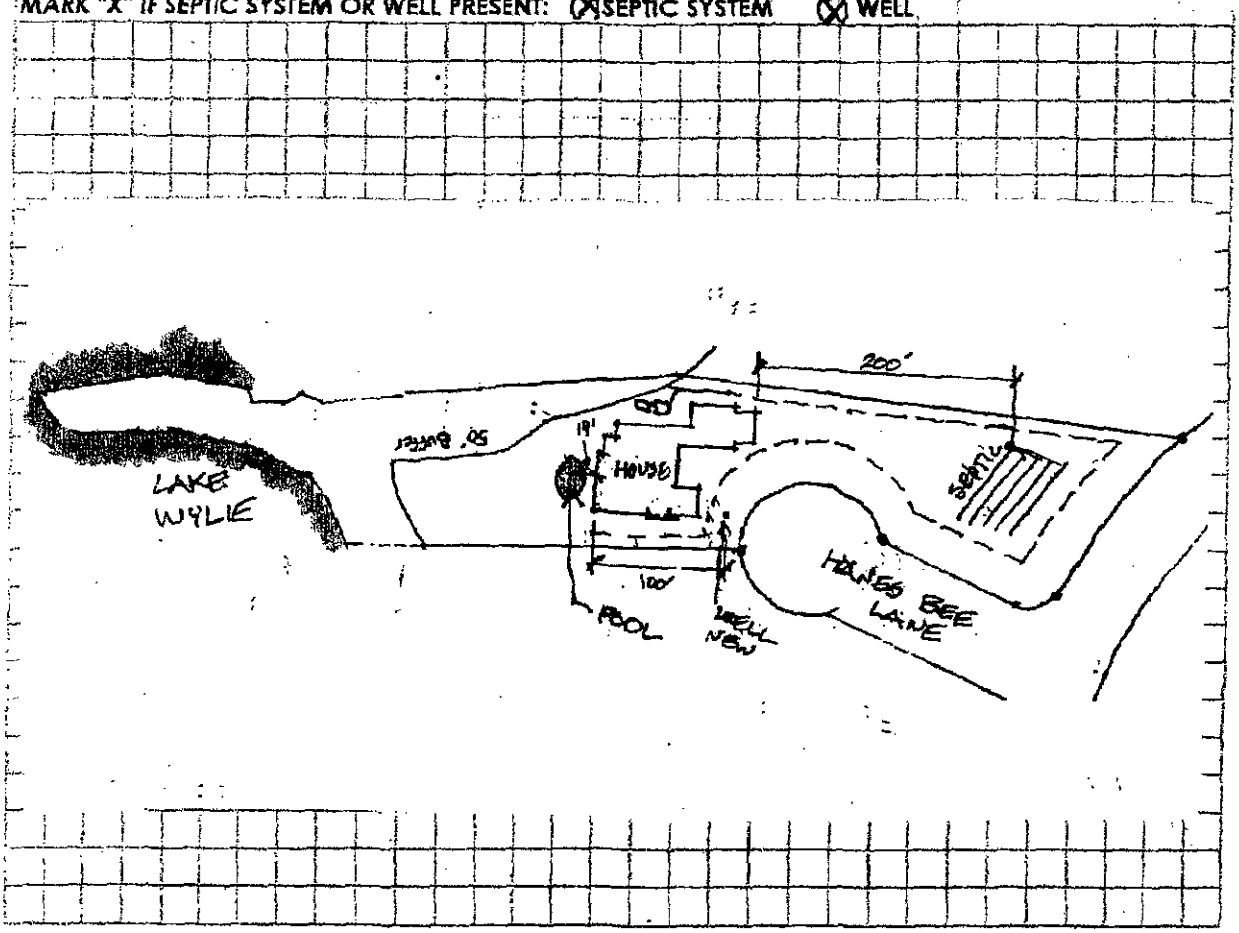
Mecklenburg County Health Department
700 N. Tryon Street, Suite 208
Charlotte, NC 28202
PHONE (704) 336-5101 FAX(704) 336-5306

PLOT PLAN FOR SWIMMING POOL INSTALLATION

ADDRESS: 16215 Haines Bee Lane

Draw in all proposed pool, property lines, address road, proposed or existing structures or driveways, underground storage tanks, wells (whether on same lot or not, if within 100 feet), and septic system drainfields. Plot/draw all dimensions, distances, etc. as needed to accurately detail pool layout in relation to structures, property lines, septic systems, etc.

MARK "X" IF SEPTIC SYSTEM OR WELL PRESENT: (X) SEPTIC SYSTEM (X) WELL



I, Stephen W. Price (homeowner) hereby affirm that the drawing above is accurate and understand that any deviation in construction from the pool layout, as approved, may result in removal of the pool or revocation of this approval.

Stephen W. Price
HOMEOWNER SIGNATURE

5/9/2011
DATE

OFFICE USE ONLY:	
HEALTH DEPT APPROVAL BY:	DATE:

New Owner Information
For IP Issuance Approval

3658 B

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: 217-201-41
STREET ADDRESS: 16215 Hanes Bee Lane
CITY: Charlotte
STATE: NC ZIP:
SUBDIVISION NAME:
LOT #: LOT SIZE (acres):
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: 6086
NUMBER OF BEDROOMS: ~~4~~ 5 1/6/11
NUMBER OF OCCUPANTS: 2
FOUNDATION TYPE:
☐ 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?** _____ ☐ UNKNOWN

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

12. **PROPERTY OWNER:**
NAME: Steve & Miah Price
ADDRESS: ~~[redacted] Montford Dr~~ 744 Montford Dr
CITY: Charlotte
STATE: NC ZIP: 28209
HOME PHONE:
WORK PHONE:
MOBILE PHONE: 704-771-6050
FAX: N/A

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: James Losee
ADDRESS: 4605 Charlotte Highway Suite 11 Box 5
CITY: Clover
STATE: SC ZIP: 29710
HOME PHONE:
WORK PHONE: 704-201-4394
MOBILE PHONE: 704-201-4394
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.

_____ (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.

James Fossee
Property Owner's or Owner's Legal Representative Signature

4/13/10
Date

OFFICE USE ONLY

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

SEPTIC APPLICATION FEES RECEIVED: $ 400 x3668 DATE FEE RECEIVED: 4/13/10

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

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: 3658B

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

WASP 5 information update 4/13/10

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
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