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 #: 8493B Permit #: 3000 5581 Tax Parcel #: 139-276-15

Property Owner: True Homes

Job Location Address: 10803 Hadrians Walk Ct

City: Mint Hill State: NC Zip Code: 28227

Operation Permit Issuance Date: 5/22/13 Contractor Name: Chris Stevens

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Effluent Pump Model: Liberty FLSIN ½ hp

Drainfield Installation ☐ N/A

Trench Depth: 33 inches max

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 333 feet

# of Lines: 6 @ Various feet

Depth of Media: 22 inches (Type) T+J Panel

Depth of Cover: 6-11 inches

Distribution Device: Valve 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: 7 feet (for tanks)

Distance from Property Line: >10 feet or within easement

Distance from Water Supply Source: >50 feet

Inspection Dates

Tank(s) Inspected: 4/11/13

Excavation Inspected: 4/11/13 + 4/15/13

Pump & Controls Inspected: 5/9/13

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

See "as-built" plan submitted by the design Consultant and sealed by the engineer. This being dated on 5/21/13.

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: IIa, T+J Panel, Pressure, N/A, N/A

DENR Authorized Agent: Tyler Ashe EHS Signature: Tyler Ashe EHS

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

File #: 8493B Permit #: 30005581 Tax Parcel #: 139-276-15

Property Owner: True Homes

Job Location Address: 10803 Hadrians Walk Ct

City: Mint Hill State: NC Zip Code: 28227

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: IVa

*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: Tyler Ashe REHS Date: 5/22/13

Signature: Tyler Ashe REHS

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 #: 8493B Permit #: 5581 Tax Parcel #: 139-276-15

Property Owner: True Homes

Job Location Address: Sherwood Forest Lot 45

City: Mint Hill State: NC Zip Code: _____

Installation Approval Issuance Date: 3/28/2013

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 _____, 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: 0.3 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: 33 inches
Trench Width: 3 feet
Line Spacing: 9 feet (O.C.)
Total line length: 333 feet
# of Lines: 6 @ ~~varies~~ feet
Depth of Media: _____ inches (Type) T&J Panel
Distribution Device: Gate Valve LAP

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: 10 feet
Distance from Property Line: 10 feet
Distance from Water Supply Source: 50 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Install according to Professional Engineer Design on file with MCHD. Any changes need to be approved by professional engineer and MCHD prior to installation if needed.

Comments: System Classification & Type: IVa

DENR Authorized Agent: Jeremy Michael Signature: Jeremy Michael REHS

THOMPSON ENVIRONMENTAL CONSULTING, INC.
WATER ♦ WASTEWATER ♦ WETLANDS

May 18, 2013

Mr. Tyler Ashe, REHS
Mecklenburg County – LUESA
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211

Dear Mr. Ashe,

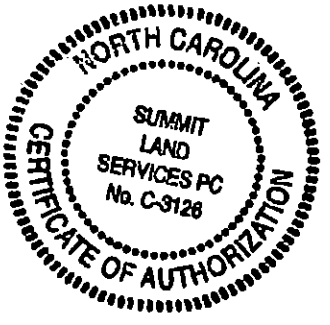
The purpose of this letter is to inform you that I have performed a final inspection of the wastewater treatment and disposal system installed for Lot 45 in the Sherwood Forest subdivision and I find that the system meets the intent of the original proposal submitted to your office for approval. They system was installed as indicated on the attached "as-built" plan.

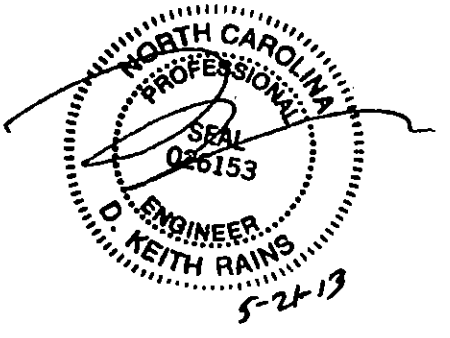
If you should have any questions regarding this correspondence, please feel free to contact me.

Sincerely,

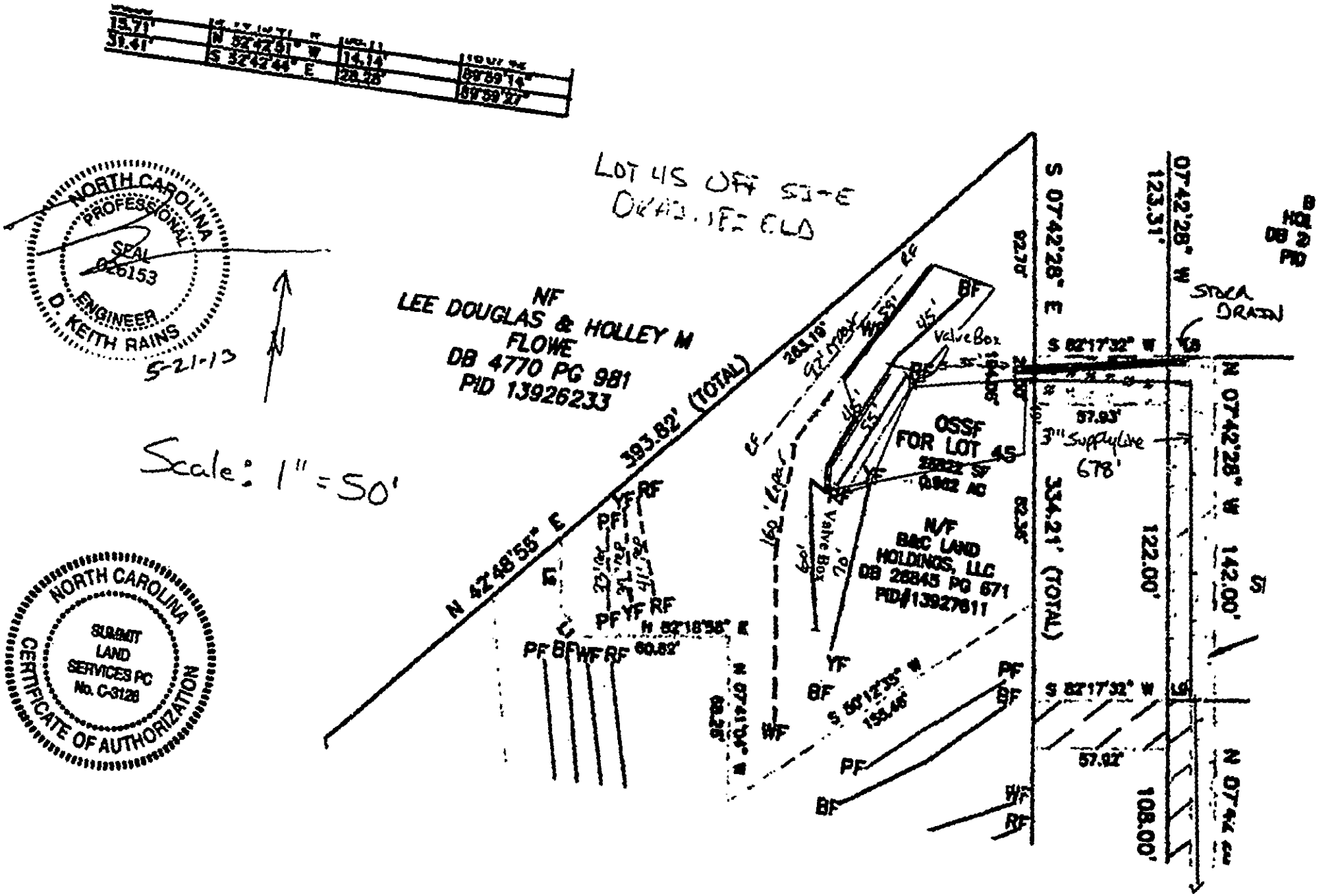
Larry B. Thompson, Jr.

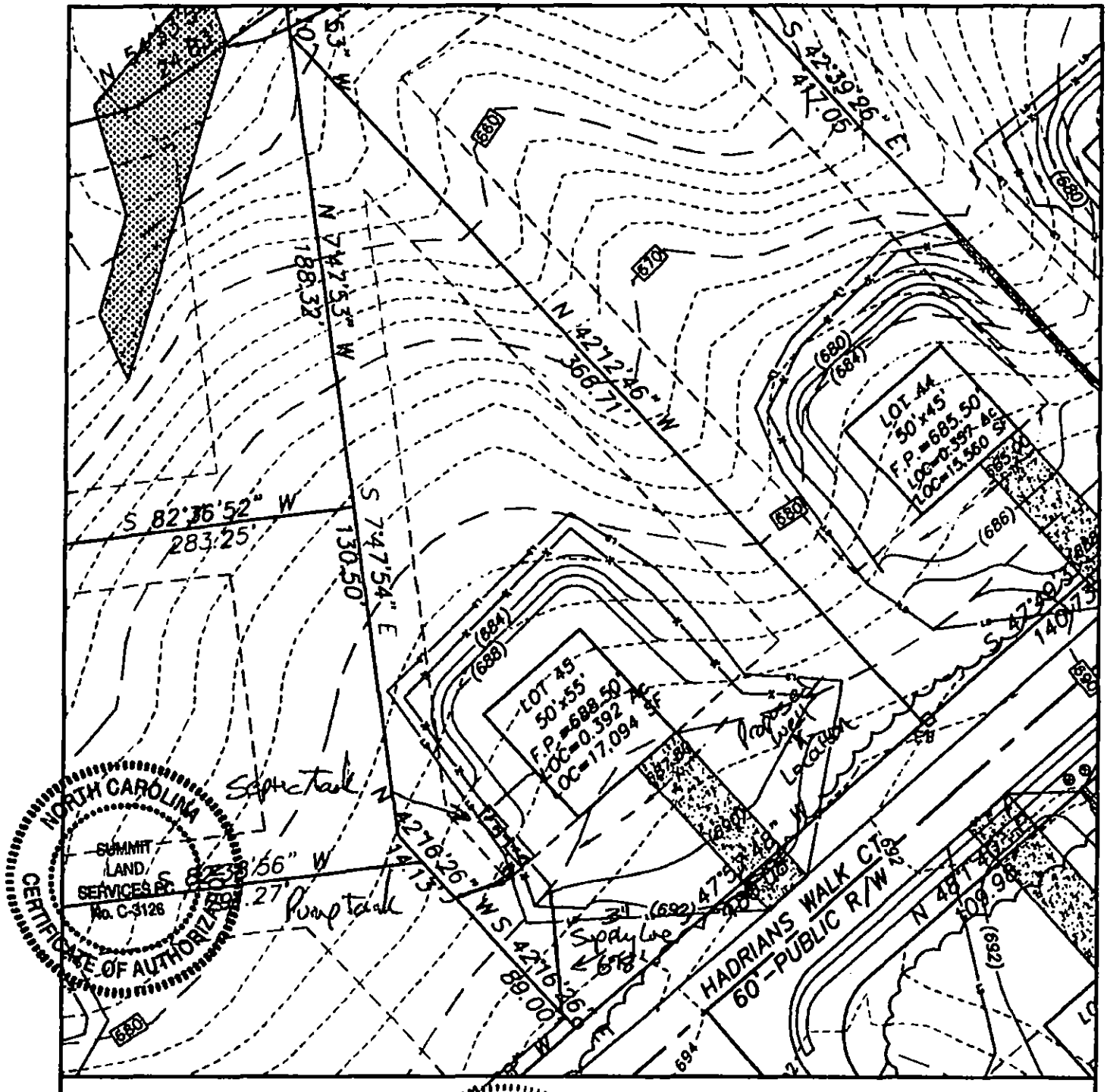
Attachment (1)





114 ORCHARD RIDGE ROAD• LOCUST, NC • 28097-8748
PHONE: 704-301-4881 • FAX: 704-888-1496
E-MAIL: LARRY@THOMPSONENV.COM
WEB: WWW.THOMPSONENV.COM


NORTH CAROLINA
PROFESSIONAL
SEAL
026153
ENGINEER
D. KEITH RAINS
5-21-13
NORTH CAROLINA
SURVEYOR
SEAL
SUBMIT
LAND
SERVICES PC
No. C-3128
CERTIFICATE OF AUTHORIZATION
LOT 45 OFF SITE
OWNER: ELD
Scale: 1" = 50'
NF
LEE DOUGLAS & HOLLEY M
FLOWE
DB 4770 PG 981
PID 13926233
393.82' (TOTAL)
N 42°48'55" E
S 07°42'28" E
123.31'
N 07°42'28" W
142.00'
S 82°17'32" W
57.93'
334.21' (TOTAL)
122.00'
108.00'
OSSF
FOR LOT 45
N/F
B&C LAND
HOLDINGS, LLC
DB 26845 PG 671
PID#13927811
3" Supply Line
67'±
STOCK DRAIN
Valve Box
162' Layer
N 82°18'38" E
60.82'
S 59°12'35" W
153.46'
N 07°41'04" W
88.35'
PF
BF
RF
YF



NORTH CAROLINA
SUMMIT LAND SERVICES, PC
No. C-3128
CERTIFICATE OF AUTHORIZATION

LOT GRADING PLAN
LOT 45
SHERWOOD FOREST SUBDIVISION
MINT HILL, NORTH CAROLINA
CAROLINA DEVELOPMENT SOLUTIONS, LLC
1932 CLARK ELLIOT STREET
FORT MILL, SOUTH CAROLINA 29708
SCALE 1"=50'

NORTH CAROLINA
PROFESSIONAL
SEAL
026153
ENGINEER
D. KEITH RAINS

5-21-13

GRAPHIC SCALE
50 25 0 50

summit
landservices

P.O. BOX 3442
CHARLOTTE, NC 28241
OFFICE: 704.536.0534
FAX: 704.504.1125
WWW.SUMMIT-COMPANIES.COM

8493B

MECKLENBURG COUNTY HEALTH DEPARTMENT

Appt# 5581

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: 13927615
STREET ADDRESS: 10803 Hadrians Walk Ct
CITY: Charlotte
STATE: NC ZIP: 28227
SUBDIVISION NAME: Sherwood Forest
LOT #: 45 LOT SIZE (acres): .966
TOWNSHIP:

○ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ● MINT HILL

4. **BUILDING INFORMATION:**

BUILDING TYPE:

○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
● HOUSE ○ OTHER _____

HEATED SQUARE FOOTAGE: 3200
NUMBER OF BEDROOMS: 4 → change to 5 BR
NUMBER OF OCCUPANTS: 5 Sign [signature] Date 12-12-15
FOUNDATION TYPE:

● CONCRETE SLAB ○ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT 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?** 8/1/12 ☐ N/A

12. **PROPERTY OWNER:**

NAME: B&C Land Holdings LLC
ADDRESS: 2649 Rockbridge Centre Dr
CITY: Monroe
STATE: NC ZIP: 28110
WORK PHONE: _____
MOBILE PHONE: 803-389-3387
FAX: _____
E-MAIL: _____

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**

NAME: Scott Twiddy
ADDRESS: 1932a Clark Elliott St
CITY: Fort Mill
STATE: SC ZIP: 29708
WORK PHONE: _____
MOBILE PHONE: 803-389-3387
FAX: 800-989-4077
E-MAIL: Stwiddy.cds@gmail.com

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

Revised on: 12/15/10

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.

SS (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.

SS (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. A PROPOSED PLOT PLAN is required to be submitted with each application.

Scott Swaby
Property Owner's or Owner's Legal Representative Signature

4/26/12
Date

OFFICE USE ONLY

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

SEPTIC APPLICATION FEE RECEIVED: $ 250.00 DATE FEE RECEIVED: 4/27/12

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

APPLICATION PROCESSED BY: lws

GWS FILE NUMBER ASSIGNED: 8493B

APPLICATION ID NUMBER ASSIGNED: 5581

COMMENTS:

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

FEE: 200.00
DATE: 5/22/2013

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 8493B

PERMIT NUMBER: 30005581

PARCEL NUMBER: 13927615

JOB LOCATION INFORMATION

ADDRESS: 10803 HADRIANS WALK CT

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28227

ISSUED TO: B & C Land Holdings LLC

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 2/12/2013

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30005581, 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 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 THE 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 CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.
   *CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 2/12/2018

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 #: **30005581** GWS File #: **8493B** Tax Parcel #: **139-276-15**

- 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):** 2/12/2018

Type of Installation: Residential - New System Lot Number: 45

Structure Type: HOUSE Size (ft^2): 3200 # Bedrooms: 5 # Occupants: 5

Building Foundation: Concrete Slab 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): 33 Depth of Media (in): 22 Distribution Device: ~~Pressure Manifold~~ Manifold (LPP Distribution) TA 2/13/13

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

Repair System Specifications:

Design Flow (gpd): 600 LTAR (gpd/ft^2): 0.275 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1500

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1091 Total Trench Length (ft): 364

Maximum Trench Depth (in): 31 Depth of Media (in): 22 Distribution Device: ~~Pressure Manifold~~ Manifold (LPP Distribution) TA 2/13/13

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: Tyler Ashe Owner/Legal Agent: Scott Twiddy

Signature: Tyler Ashe EGB Signature: Scott Twiddy

Print Name

Date Issued: 2/12/2013

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 #: **30005581** GWS File #: **8493B**

IV. Permit Conditions/Comments:

- Easement agreement forms shall be on file and the property shall be deeded and recorded prior to issuance of Construction Authorization.
- 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.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Upon completion of the project the system designer shall provide Groundwater & Wastewater Services with a letter certifying that the system was installed in accordance with the approved design.
- The system must be water tested during the final inspection to verify proper operation and set system pressure.
- ~~The permitted system design requires a pressure manifold with varying tap diameters and/or pipe schedules. The contractor should review the specification detail provided by the system designer prior to bidding the project.~~ TA 2/12/13

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: Tyler Ashe
Signature: TA
Date Issued: 2/12/2013

Owner/Legal Agent: Scott Twiddy
Print Name
Signature: Scott Twiddy

FOR REGISTRATION
J. David Granberry
REGISTER OF DEEDS
Mecklenburg County, NC
2013 FEB 12 12:52:12
BK:28081 PG:242-249
FEE:$26.00
INSTRUMENT # 2013021746

TAYLORD

2013021746

Returned to customer

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

SEPTIC SYSTEM
EASEMENT AGREEMENT

This EASEMENT made this 30th day of January, 2013, by and between

GRANTOR	GRANTEE
B & C LAND HOLDINGS, LLC 2649 Brekonridge Centre Drive Monroe, NC 28110	**TRUE HOMES, LLC** 2649 Brekonridge Centre Drive Monroe, NC 28110

Enter in appropriate block for each party: name, address, and, if appropriate, character or entity, e.g., corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee an easement as hereinafter described, to run with the land upon that certain lot or parcel of land owned by Grantor and located in Mecklenburg County, North Carolina, and more particularly described as follows:

SEE **EXHIBIT "A"** ATTACHED HERETO

This instrument was prepared by: Grantor
Mail after recording to: Grantee

See the plat attached hereto as **Exhibit B** and the parcel shown thereon identified with Grantor's name for the legal description of Grantor's parcel and of the Septic System Easement Area located thereon, said parcel labeled thereon and hereinafter referred to as the "Easement Parcel."

Grantor hereby imposes said easement for the benefit of Grantee as the present owner and for the benefit of future owners of the following lot or parcel of land, situated in Mecklenburg County, North Carolina, and more particularly described as follows:

Tax Parcel No.: 13927615 known as: BEING all of Lot 45, Sherwood Forest, Map 2, as shown on plat duly recorded in Map Book 50, Page 628 of the Mecklenburg County Registry, reference to which is hereby made for a more particular metes and bounds description.

See the plat attached hereto as **Exhibit B** and the parcel shown thereon identified with Grantee's name for the legal description of Grantee's parcel, said parcel labeled thereon and hereinafter referred to as the "Benefited Parcel."

Said Easement shall enable the Grantee to place, if, as and when needed, such need to be determined by the Grantee in his sole discretion, a septic tank and drain field or portions thereof, upon the Septic System Easement Area on the Easement Parcel and to inspect, maintain, repair and replace components of said septic system at any time and from time to time. If the Easement Area also includes a connector strip for ingress and egress, Grantee shall have the right to use said connector strip for access as needed. *This Easement may not be altered, amended or cancelled without the express written permission of the Mecklenburg County Health Department, which written permission must be part of any document recorded to alter, amend or cancel this Easement.* This Easement shall automatically expire, however, should Grantee ever hook up the structure located or to be located on the Benefited Parcel to a public or community sanitary sewage system but shall otherwise be perpetual.

Grantor acknowledges that the Septic Tank System Easement Area cannot be used and will not be used for any of the following activities or in any of the following ways:

- Grading or filling
- Parking or driving heavy equipment in the area or in any other way compacting the soil in the Area
- Excavating soil from the Area
- Placing footings or foundations or engaging in any other construction activity in the Area
- Placing in-ground or above-ground swimming pools in the Area
- Placing irrigation systems in the Area
- Placing underground utility lines or cables in the Area
- Planting trees or gardens in the Area
- Removing any large trees in the Area unless dead or diseased
- Using the Area for the burial of stumps, trash, or any other type of construction material
- Using the Area for gravesites
- Diverting the natural flow of water onto the Area by way of drainage ditches or diversion ditches or using the Area to receive water from any gutter or downspout discharges

- Placing underground utility lines or cables in the Area
- Planting trees or gardens in the Area
- Removing any large trees in the Area unless dead or diseased
- Using the Area for the burial of stumps, trash, or any other type of construction material
- Using the Area for gravesites
- Diverting the natural flow of water onto the Area by way of drainage ditches or diversion ditches or using the Area to receive water from any gutter or downspout discharges

IN WITNESS WHEREOF, the Grantor and Grantee have hereunto set their hands and seals, or if corporate, have caused this instrument to be signed in their corporate names by their duly authorized officers and their seals to be hereunto affixed by authority of their Boards of Directors, the day and year first above written.

GRANTOR

B+ C Land Holdings, LLC _____ _____ (SEAL)
(Corporate Name)

BY: _____ _____ (SEAL)
Ben Russell ~~President~~ Manager

ATTEST: _____ (SEAL)

_____ _____ (SEAL)
_____ Secretary (Corporate Seal)

SEAL-STAMP North Carolina, _____ County

I, _____, a Notary Public of the County and State aforesaid, certify that _____, Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. WITNESS my hand and official stamp or seal, this _____ day of _____, 20____.

My Commission Expires: _____ _____
(Notary Public)

STATE OF NORTH CAROLINA, COUNTY OF UNION

I, **D. Hope Bergamini**, a Notary Public of the County and State aforesaid, certify that Ben Russell personally came before me this day and acknowledged that he is Manager of BC Land Holdings, a NC limited liability company, and that he, as Manager, being authorized to do so, executed the foregoing on behalf of the corporation.

Witness my hand and official stamp or seal, this 30 day of January, 2013.

My Commission Expires: 3/26/2016

Notary Public

D HOPE BERGAMINI NOTARY PUBLIC UNION COUNTY, NC

GRANTEE

True Homes, LLC (SEAL)
(Corporate Name)

BY: _____ (SEAL)
David Cuthbertson ~~President~~ Manager

ATTEST: _____ (SEAL)

_____ (SEAL)
_____ Secretary (Corporate Seal)

SEAL-STAMP

North Carolina, _____ County

I, _____, a Notary Public of the County and State aforesaid, certify that _____, Grantee, personally appeared before me this day and acknowledged the execution of the foregoing instrument. WITNESS my hand and official stamp or seal, this _____ day of _____, 20____.

My Commission Expires: _____ _____
(Notary Public)

STATE OF NORTH CAROLINA, COUNTY OF UNION

I, **D. Hope Bergamini**, a Notary Public of the County and State aforesaid, certify that David Cuthbertson personally came before me this day and acknowledged that he is Manager of Tuthbones, LLC, a Delaware limited liability company, and that he, as Manager, being authorized to do so, executed the foregoing on behalf of the corporation.

Witness my hand and official stamp or seal, this 30 day of January, 2013.

My Commission Expires: 3/26/2016

D. Hope Bergamini
Notary Public

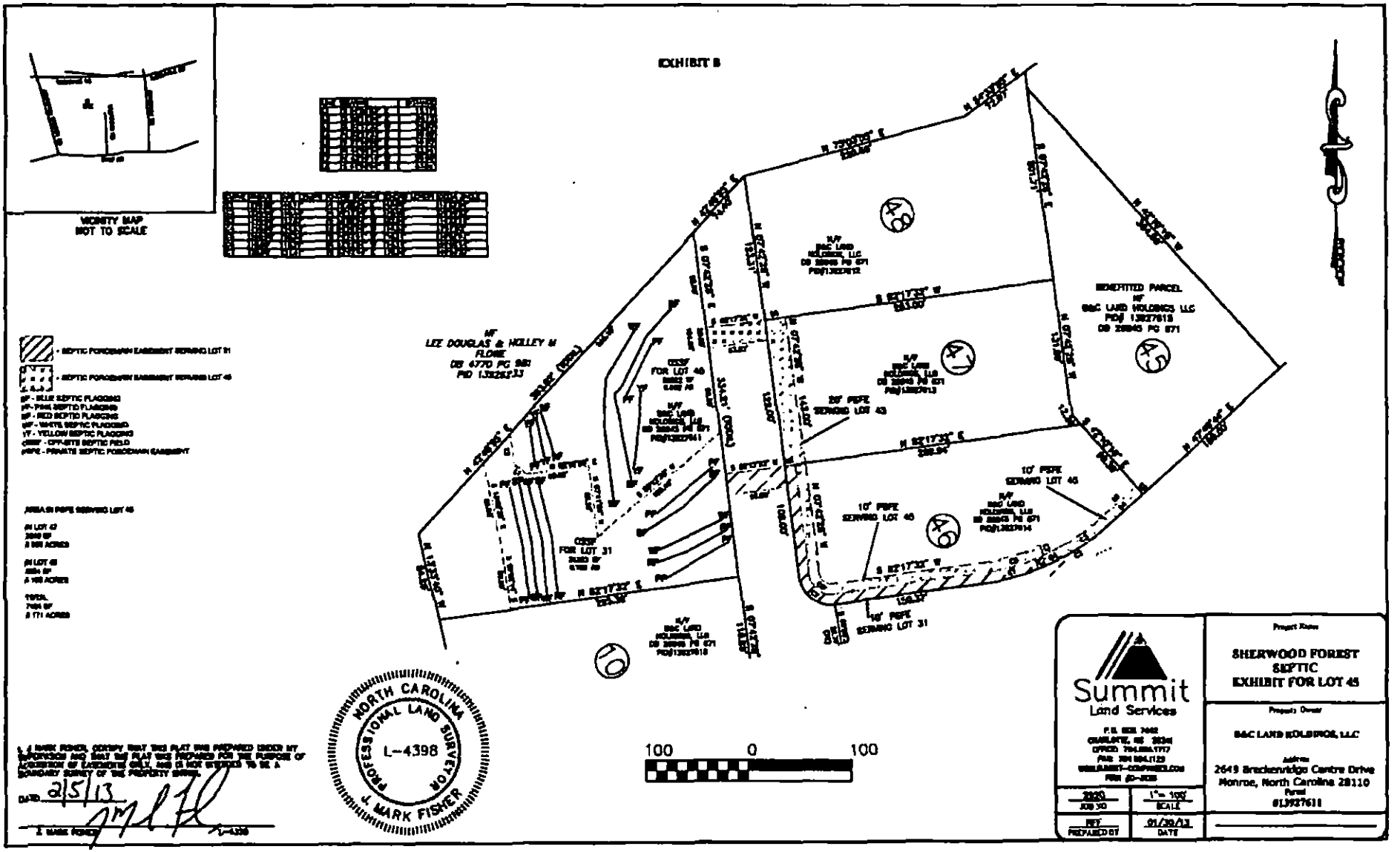
D HOPE BERGAMINI NOTARY PUBLIC UNION COUNTY, NC

Approval by the Mecklenburg County Health Department does not certify or extend to matters of title. The purchaser of property subject to or affected by this easement is responsible for ascertaining all matters affecting the validity and enforceability of this instrument.

Exhibit A

Beginning at a point located in the westerly margin of the 60' right of way of Friar Tuck Lane, said point located on the eastern property line of the common open space lot of the sherwood forest subdivision as shown in mb 50 pg 628, recorded in the Mecklenburg County Public Registry and located S 07-42-28 E 112.70' from a #4 rebar at the common corner of the Sherwood Forest subdivision and the Lee Douglas and Holley M Flowe property as recorded in DB 4770 PG 981 in the Mecklenburg County Public Registry, said point being the point of beginning, thence N 82°17'32" E a distance of 57.93'to a point on the Westerly margin of Friar Tuck Lane, said point being located on the western property line of lot 47 contained in the referenced plat, thence S 07°42'28" E a distance of 122.00'to a #4 rebar, said rebar being a common corner of lots 46 and 47 and located on the easterly margin of Friar Tuck Lane, thence N 82°17'32" E a distance of 10.00'to a point, thence S 07°42'28" E a distance of 108.01'to a point, thence with a curve turning to the left with an arc length of 31.41', with a radius of 20.00', with a chord bearing of S 52°42'41" E, with a chord length of 28.28',to a point, thence N 82°17'32" E a distance of 150.37'to a point, thence with a curve turning to the left with an arc length of 49.11', with a radius of 210.00', with a chord bearing of N 75°35'34" E, with a chord length of 49.00',to a point, thence S 23°50'10" E a distance of 10.01' to a point on the northern margin of Hadrians Walk Court, thence with a curve turning to the left with an arc length of 80.40', with a radius of 220.00', with a chord bearing of N 58°17'56" E, with a chord length of 79.96' to a point, thence N 47°49'44" E a distance of 43.94'to a #4 rebar, said rebar being a common corner of lots 45 and 46 and located on the northern margin of Hadrians Walk Court, thence N 42°10'16" W a distance of 10.00'to a point on the property line of lots 45 and 46, thence S 47°49'44" W a distance of 43.94'to a point, thence with a curve turning to the right with an arc length of 52.67', with a radius of 210.00', with a chord bearing of S 55°00'52" W, with a chord length of 52.54',to a point, thence with a curve turning to the right with an arc length of 14.53', with a radius of 210.00', with a chord bearing of S 64°10'55" W, with a chord length of 14.53', thence N 23°50'10" W a distance of 10.00'to a point, thence with a curve turning to the right with an arc length of 56.30', with a radius of 200.00', with a chord bearing of S 74°13'41" W, with a chord length of 56.11',to a point, thence S 82°17'32" W a distance of 150.37'to a point, thence with a curve turning to the right with an arc length of 15.71', with a radius of 10.00', with a chord bearing of N 52°42'51" W, with a chord length of 14.14',to a point, thence N 07°42'28" W a distance of 108.00'to a point on the common property line of lots 46 and 47, thence N 07°42'25" W a distance of 142.01'to a point on the common property line of lots 47 and 48, thence S 82°17'32" W a distance of 20.00'to a #4 rebar on the right of way of Friar Tuck Lane and the common corner of lots 47 and 48, thence S 82°17'32" W a distance of 57.93'to a point crossing the right of way of Friar Tuck Lane, thence N 07°42'28" W a distance of 92.70'to a #4 rebar at the common corner of the open space lot and the Flowe property as referenced, thence S 42°48'55" W a distance of 263.19'to a point on the line of said Flowe property, thence S 08°12'06" E a distance of 30.15'to a point, thence S 51°55'03" E a distance of 15.17'to a point, thence N 82°18'56" E a distance of 60.62'to a point, thence S 07°41'04" E a distance of 68.26'to a point, thence N 50°12'35" E a distance of 155.46'to a point on the westerly margin of Friar Tuck Lane thence N 07°42'28" W a distance of 81.36' to the

point of beginning, this area encompassing the Off-Site Septic Field and Private Septic Forcemain Easement serving Lot 45 on the referenced plat, said septic field containing 28822 square feet, 0.662 acres, and said easement containing 7464 square feet, 0.171 acres, as shown in Exhibit B attached herein provided by Summit Land Services and dated January 30, 2013.


EXHIBIT B
VICINITY MAP
NOT TO SCALE
LEE DOUGLAS & HOLLEY H FLOWE
DB 4770 PG 981
PID 13926233
BENEFITED PARCEL
B&C LAND HOLDINGS LLC
PID# 13927618
DB 29845 PG 871
A6
A7
A5
A10
10' PIPE SERVING LOT 45
25' PIPE SERVING LOT 43
10' PIPE SERVING LOT 31
CCSSF FOR LOT 45
CCSSF FOR LOT 31
100
0
100
NORTH CAROLINA
PROFESSIONAL LAND SURVEYOR
L-4398
J. MARK FISHER
Summit
Land Services
SHERWOOD FOREST
SEPTIC
EXHIBIT FOR LOT 45
B&C LAND HOLDINGS, LLC
2649 Brackenridge Centre Drive
Monroe, North Carolina 28110
#13927618
01/30/13

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

Sheet: 1 of 3
Property ID: 13927615
Lot #: 45
File #: 8493B
AppID: 5581

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: B and C Land Holdings LLC
Applicant: Scott Twiddy
Address: 2649 Brekonridge Centre Dr Monroe, NC 28110
Date Evaluated: 5/21/2012
Proposed Facility: 4 bedroom House Design Flow (.1949) ~~480~~ gpd
Property Size: 0.966 Ac
Location of Site: 10803 Hadrians walk ct (sherwood Forest lot 45)
Property Recorded:
Water Supply: [ ] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
Pit 1	LS	0-12	w f gr Sl	ns np fr nexp	18	20	US	US	Unsuitable IV
	8%	12-20	m m abk C	vs vp vfi exp					
		20-31	sls ma l	ns np fr nexp					
		31-35	Cr	Cr					
Pit 2	LS	0-7	w f sbk SCL	ss sp fr sexp		30	US	PS	Unsuitable IV
	8%	7-30	m m abk C	vs vp vfi exp	17				
		30-48	sls ma CL	ss sp fi sexp					
Pit 3	LS	0-11	w f gr SCL	ss sp fr sexp	15	32	NA	US	Unsuitable IV
	12%	11-32	m m abk C	vs vp vfi exp					
		32-47	Rock	Rock					
Pit 4	LS	0-7	w f gr SL	ns np fr nexp	14	41	US	PS	Unsuitable IV
	12%	7-31	m m abk C	vs vp vfi exp					
		31-41	w f abk C	s p fi exp					
		41+	Cr	Cr					

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

Other Factors (.1946):
Soil Evaluation By: Eric Bailey LSS Eric Bailey
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

Void This soil Report is for Lot where house is located. No septic system is on this lot / it is pumped off-site JAM 2-13-13

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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
Bor	LS	0-6	w f gr SL	ns np fr nexp	23	24	NS	US	US IV
5	8%	6-24	m m sbk C	ss sp fi sexp					0.1 Drip
		24-31	Cr	Cr					

COMMENTS:

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-Foot 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				
FP-Flood Plain		CL-Clay Loam		
D-Drainage Way		SCL-Sandy Clay Loam		
		SiL- (Silt 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	NEXP-(Non-expansive)
FR-Friable	SS-Slightly Sticky	SEXP-Slightly Expansive
FI-Firm	S-Sticky	EXP-Expansive
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

