

4020 TUFFY LN

11328118

1/3/2008

duponbj

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028596

File: 3507B Action 2

Parcel: PO 113-291-01 ☐ PC

Location: (Lochfoot Dr.) 4020 Tubby Jane

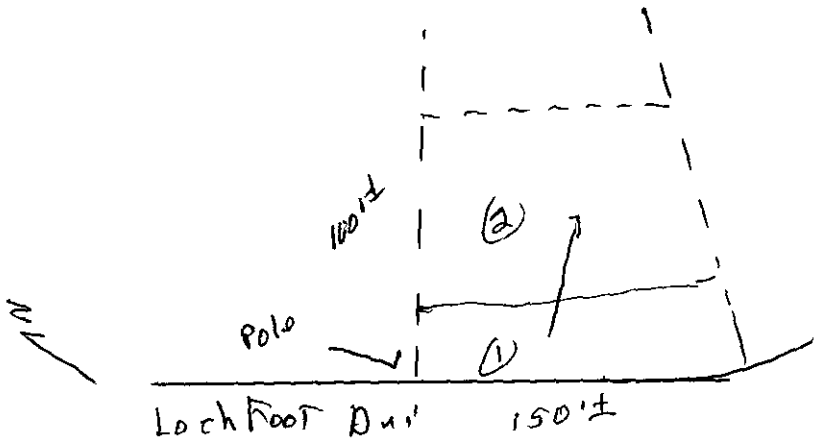
Subdivision:

Lot: 7 Block: Acres: Approx .25

Owner: Joseph L. Thompson, M.
Address: 13709 Stephendale Dr.
Charlotte, N.C. 28272

Comments: 100% Repair, .26 gal/day LTAR, perm. easement

Described by: William A. Mack
Date: 5-26-95



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 6-15%	S (PS) U 15-30%	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Slightly Ex. clay	S (PS) U Slightly Ex. clay	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U
Drainage	(S) PS U >48" To soil wetness	(S) PS U >48" To soil wetness	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 41-48"+	S (PS) U 41-48"+	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U >48"	(S) PS U >48"	S PS U	S PS U	S PS U	S PS U
Available Space	S PS (U) Restricted	S PS (U) Restricted	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IIe series Determined	IIe series Not Determined				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

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

3510 B - 3505 B - 3506 B - 3503 B 3508 B
3507 B . 3509 B

FILE: _____ DATE: 8-4-95

TC: 113-291-01 POL

SERIAL Nº 16331

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

INSTALLATION APPROVAL
FOR SUPPLY LINES ONLY
ALL PIPE SHALL BE
PRESSURE PVC SC. 40

PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth _____

Absorption and/or Nitrification Lines:

Trench Width 4 feet

Trench Walls Scored and Porous NA

Total Line Length 1400 feet

Number of Lines 9'

~~Depth of Stone~~ _____ inches

Distance from House 5' + feet

Distance from Property Line 10' + feet

Distance from Well 25' + feet

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

NAME OF OWNER JERRY BAREFOOT AND OTHERS BY EASEMENT

LOCATION OF PROPERTY BAREFOOT PROPERTYS #2 INCLUSIVE

Comments: SEE SPECS FOR ALL PIPING SUBMITTED BY JEFF BAREFOOT

Kelly Rowell
Environmental Health Specialist

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

Total Head		
(A) Static Head		55'
(B) Total Length of Pipe	1400'	
(C) Total Friction Factors of Fittings*	37'	
(D) Total (B+C)	1437'	
(E) Divide (D) by 100	14.3	
(F) Head Loss Per 100' of Pipe at 15gpm	.5	
(G) Friction Head (E x F)		7.1
(H) Total Head (A+G)		62'

*Friction for fittings equal in feet of piping
3 - 45's at 8.4
2 - 90's at 10.4
1 - check valve at 17.2
1 - gate valve at 1.4

Topo for static head:
Field at 630
House at 585
Pump at 580 (5 foot in ground)

PLAN BY JEFF BAREFOOT DESIGNER

3507B

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

☐ CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: Thompson (last) Joseph (first) L JR. (mi)

ADDRESS: 13709 Stephendale Dr PHONE: (704) 588-2488

CITY: Charlotte STATE: NC ZIPCODE: 28273

Date: 3-28-95

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 113-291-01

STREET ADDRESS: 4020 Tuffy Ln

ZONING:

PROPERTY OWNER:

NAME: SAME (last) (first) (mi)

ADDRESS: PHONE: (__) __

CITY: STATE: ZIPCODE:

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
☒ 0 Mecklenburg County ☐ 2 Davidson ☐ 4 Pineville ☐ 6 Huntersville
☐ 1 Charlotte ☐ 3 Cornelius ☐ 5 Matthews ☐ 7 Mint Hill

TYPE APPLICATION (check one):

LOT NUMBER: 7 LOT SIZE (in acres): 1.28

☐ SOIL TEST - INDIVIDUAL LOT (D)
☒ NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
☐ COMMERCIAL OR INDUSTRIAL (N)
☐ SOIL TEST DEVELOPMENT (P)
☐ ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
☐ MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
☐ REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
☐ SINGLE MOBILE HOME (S) ☒ HOUSE (H) ☐ MULTIPLE FAMILY (U)
☐ DOUBLE WIDE (D) ☐ MODULAR HOME (M) ☐ OTHER _____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 4

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
☐ Community (C) ☐ Shared Well (S)
☐ Municipal (M) ☐ Other 'spring' (O)
☒ Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
☒ Swimming Pool ☐ Jacuzzi ☐ Stable/Barn ☐ Workshop ☐ None
☒ Garage ☒ Storage Building ☐ Deck/Patio ☐ Bedrooms ☐ Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Joseph L Thompson Jr. Date: 3-28-95

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

☐ IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
☐ ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head Date

WATER - 12/91

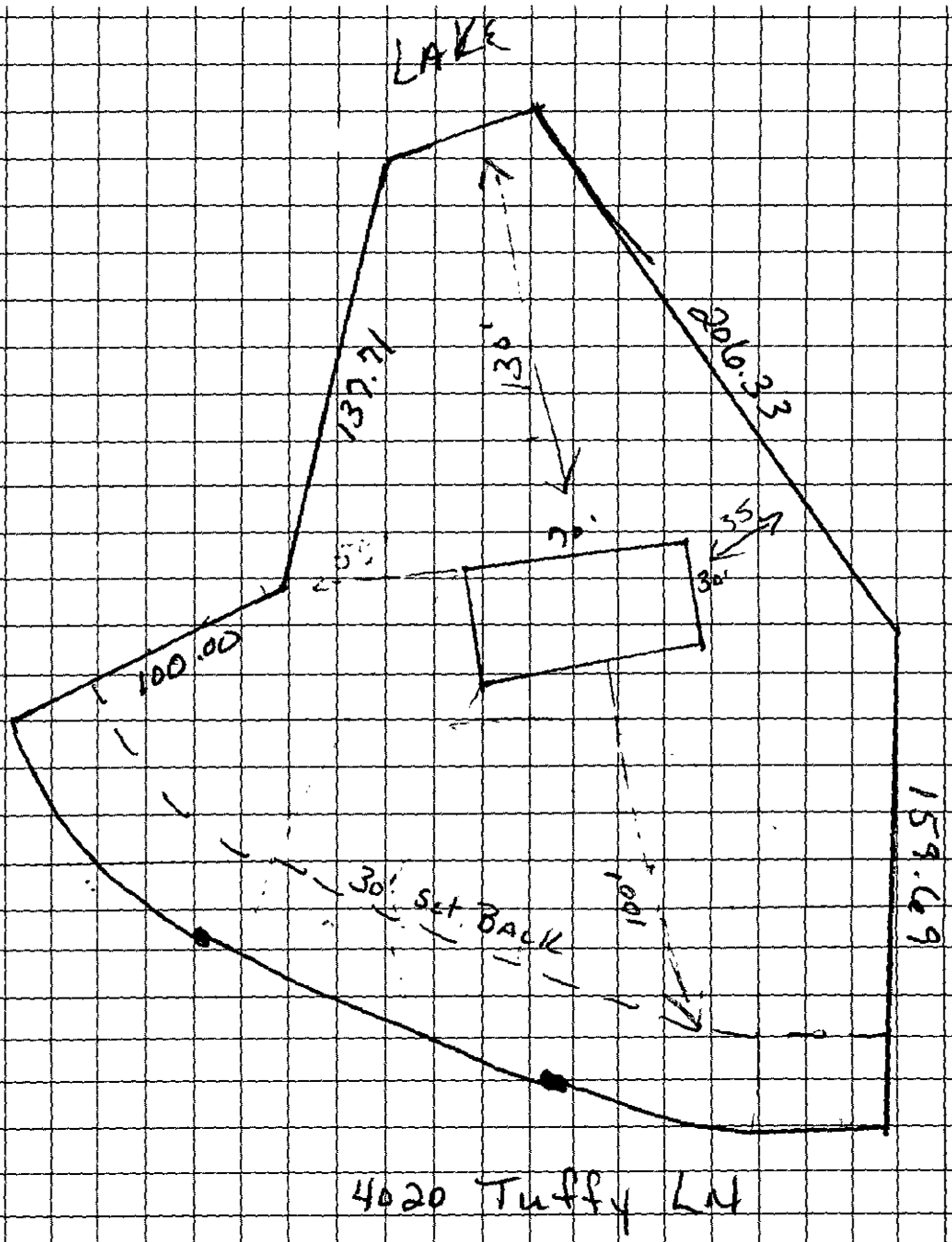
PROPOSED PLOT PLAN

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

FILE: 3507B

TC: 113-291-0198

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



Joseph L Thompson Jr.
OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE _____

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

Drawn by & mail to Wayne M Brendle, Atty Box 76

NORTH CAROLINA

AGREEMENT

MECKLENBURG COUNTY

This Agreement made this June 19, 1995 by and between JERRY C BAREFOOT and wife, SYBIL S BAREFOOT; JEFFREY D BAREFOOT and wife, SANDRA B BAREFOOT; KELLY J BAREFOOT; WALTER P BAREFOOT and wife, DEBRA S BAREFOOT; PETER B BARTEL and wife, PAMELA Q BARTEL; KENNETH B MORGAN and wife, WILMA A MORGAN; JOSEPH L THOMPSON, JR and wife, CHERIR M THOMPSON; and PAUL C WATKINS and wife, TANYA R WATKINS;

Witnesseth:

That whereas all of the parties to this Agreement constitute all of the current owners of Lots 1, 2, 3, 4, 5, 7, 9, 10, and 11, and all of the other unnumbered lots or parcels of land located within the bounds of BAREFOOT LANDING recorded in Map Book 26, Page 832 & 835 Mecklenburg County Registry; and Map Book 26, Page 840, Mecklenburg County Registry;

Whereas said map describes and indicates sewer line easements and septic plots which relate to lots within the bounds of the property on said map; and

Whereas all of the parties to this Agreement desire to set forth certain terms and conditions relative to said easements and septic plots and all said parties have agreed so to do;

Now, Therefore, in consideration of the terms and conditions set forth hereinbelow said parties do hereby agree, each with the other, as follows:

1 - All of said easements shall be used for and have access thereto for so long as the same is required for the construction, installation, inspection, repair, upkeep and maintenance of a sewer line and system and all other utilities, including but not limited to, water, telephone, electricity, natural gas, cable television and other communications.

2 - All of said easements and septic plots shall at all times be free of any obstruction which might hinder the use, construction, installation, inspection, repair, upkeep and maintenance of the same, and any party hereto, their heirs and assigns, shall be responsible for the easements and plot pretaining to their lot and shall be obligated to pay any expense required to make the same free of such obstruction, and shall be kept in a neat appearance.

3 - All parties hereto, their heirs and assigns, shall be responsible for the construction, installation, repair, upkeep and maintenance of the sewage system, or other utilities, servicing their lot or property, together with any tax imposed by any governmental authority on the same.

4 - Any lot owner shall have the right to call a meeting of all of the property owners involved by giving reasonable notice thereof, including but not limited to telephone notice, for the purpose of resolving any matter involving this agreement not resolved otherwise. Each lot or parcel on said map shall have one vote on any one issue and a simple majority vote shall determine such issue. All such decisions and determinations shall be final and binding on all owners and may be enforced by proper judicial process.

5 - This Agreement shall be binding upon all parties hereto, their heirs or assigns, and shall run with the land.

In Witness Whereof, the parties hereto have executed this Agreement as of the date first above written.

Jerry C Barefoot SEAL

Sybil S Barefoot SEAL

Kenneth B Morgan SEAL

Wilma A Morgan SEAL

Jeffrey D Barefoot SEAL

Sandra B Barefoot SEAL

Walter P Barefoot SEAL

Peter B Bartel SEAL

Pamela Q Bartel SEAL

Joseph L Thompson, Jr SEAL

Cherie M Thompson SEAL

Paul C Watkins SEAL

Tanya R Watkins SEAL

Deborah S Barefoot SEAL

Kelly J Barefoot SEAL

North Carolina
Mecklenburg County

I, a Notary Public for said County and State, do hereby certify that personally appeared before me this day Jerry C Barefoot and wife, Sybil S Barefoot; Peter B Bartel and wife, Pamela Q Bartel; Kenneth B Morgan and wife, Wilma A Morgan; Joseph L Thompson, Jr and wife, Cherie M Thompson; Paul C Watkins and wife, Tanya R Watkins; Jeffrey D Barefoot and wife, Sandra B Barefoot; Kelly J Barefoot; Walter P Barefoot and wife, Deborah S Barefoot, and acknowledged the due execution of the foregoing instrument. Witness my hand and notarial seal this 20 day of June, 1995.

Notary Public

My commission expires

2-20-00

JUDITH A GIBSON REG OF DEEDS MECK NC

**** NC EXCISE TAX: 80.00 ***

BK: 08187 PG: 0692/0695 #:0255 14.00

FILED FOR REGISTRATION 06/23/95 12:14

Excise Tax 80.00 Recording Time, Book and Page

COPY

Tax Lot No. out of 113-291-01 Parcel Identifier No. .....

Verified by ..... County on the ..... day of ....., 19.....

by .....

Mail after recording to .....

Mail to &
This instrument was prepared by Wayne M Brendle, Atty Box 76

Brief description for the Index Por Lot 7, Barefoot Landing

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 20 day of June, 19 95, by and between

GRANTOR	GRANTEE
JERRY C BAREFOOT and wife, SYBIL S BAREFOOT	JOSEPH L THOMPSON, JR and wife, CHERIE M THOMPSON 13709 Stephendale Drive Charlotte, NC 28217

Enter in appropriate block for each party: name, address, and, if appropriate, character of 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 the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of ....., Berryhill Township, Mecklenburg County, North Carolina and more particularly described as follows:

As set forth and described in Exhibit A attached hereto and made a part hereof.

N. C. Bar Assoc. Form No. 3 © 1976, Revised © 1977 – James Williams & Co., Inc., Box 127, Yadkinville, N. C. 27055
Printed by Agreement with the N. C. Bar Assoc. – 1981

The property hereinabove described was acquired by Grantor by instrument recorded in Book 8187 Page 440

A map showing the above described property is recorded in Plat Book ..... page .....

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions:

As set forth and described in Exhibit B attached hereto and made a part hereof.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

USE BLACK INK ONLY

Jerry C Barefoot (SEAL)

Sybil S Barefoot (SEAL)

(SEAL)

(SEAL)

(Corporate Name)

By: .....President

ATTEST: .....Secretary (Corporate Seal)

SEAL-STAMP

Use Black Ink

NORTH CAROLINA, Mecklenburg County.

I, a Notary Public of the County and State aforesaid, certify that Jerry C Barefoot and wife, Sybil S Barefoot Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 20 day of June, 19 95.

My commission expires: 2-20-00 Notary Public

SEAL-STAMP

Use Black Ink

NORTH CAROLINA, ... County.

I, a Notary Public of the County and State aforesaid, certify that .....,

personally came before me this day and acknowledged that ____ he is ..... Secretary of ..... a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its ..... President, sealed with its corporate seal and attested by ..... as its ..... Secretary.

Witness my hand and official stamp or seal, this .....day of ....., 19.....

My commission expires: ..... Notary Public

The foregoing Certificate(s) of .....

.....

.....

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

.....REGISTER OF DEEDS FOR.....COUNTY

By .....Deputy/Assistant - Register of Deeds

N. C. Bar Assoc. Form No. 3 © 1976, Revised © 1977 James Williams & Co., Inc., Box 127, Yorkinville, N. C. 27055
Printed by Agreement with the N. C. Bar Assoc. 1981

Exhibit A Joseph L Thompson, Jr, et ux

Beginning at a #4 rebar located at the Southeast corner of Lot 71 as shown on map of said lot recorded in Map Book 18, Page 53, Mecklenburg County Registry, and runs thence from said beginning with the Southwesterly line of Lot 72 as shown on said map, S 31-56-50 E 206.33 feet to a #4 rebar; thence S 7-54-20 W 159.69 feet to a point in the Northerly edge of the 60 foot right of way of Tuffy Lane; thence with said right of way of Tuffy Lane as follows: (1) N 86-56 W 26.88 feet to a point, (2) thence with the arc of a curve to the right having a radius of 200.88 feet a distance Westerly of 85.71 feet (having a chord of N 74-42-29 W 85.06 feet) to a point, (3) thence N 62-29-00 W 121.07 feet to a point, and (4) thence with the arc of a curve to the right having a radius of 105.87 feet a distance Northwesterly of 43.34 feet (having a chord of N 50-45-21 W 43.04 feet) to a point; thence N 40-49-51 E 107.15 feet to a point; thence N 18-10-10 E 137.71 feet to a point on the Southerly line of said Lot 71; thence N 8-57-44 E 79.74 feetto a point in, at or on the waters of Lake Wylie; thence with said waters of Lake Wylie, S 38-52-00 E 31.97 feet, and S 23-06-59 E 43.03 feet to the beginning, and being shown on map of survey of Thomas E. Montgomery, RS, dated May 31, 1995, to which map reference is hereby made. Reference is made to map of Barefoot Landing in Map Book 26, Page 832. The above described parcel of land comprises 2042 square feet carved from the Easterly part of said Lot 71, and 1.22 acres fronting on said Tuffy Lane.

Also conveyed herein is a perpetual easement and right of way for so long as the same is required for purposes of use and for the construction, installation, repair, inspection, upkeep and maintenance of a sewer line and system and all other utilities, including but not limited to, water, telephone, electricity, natural gas, cable television and other communications along the front 15 feet of said lot above conveyed and all other lots or parcels as set forth, shown or described on the map above referenced, together with the septic plot for said lot as shown on said map, together with said map of Barefoot Landing. Said septic plot map is recorded in Map Book 26, Page 840, Mecklenburg County Registry, to which map reference is hereby made.

EXHIBIT B - Exceptions

1 - A perpetual easement and right of way for so long as the same is required for use and access for the construction, installation, inspection, repair, upkeep and maintenance of a sewer line and system and all other utilities, including but not limited to, water, telephone, electricity, natural gas, cable television and other communications along the front 15 feet of the lot of land hereinabove described and conveyed.

2 - All of those covenants and restrictions set forth and described in the deed of conveyance to the Grantor herein recorded in Book 8187, Page 440, Mecklenburg County Registry, and which are hereby imposed against said lot.

3 - Any dwelling constructed on said property shall contain at least 1400 square feet of heated area.

4 - Tents, shacks, campers, mobile homes, manufactured homes, or other structure of a temporary nature shall not be used as a dwelling or for habitation, either temporarily or permanently.

5 - Setback requirements shall be those described in the recorded map for said lot.

6 - Any outbuilding or storage structure shall be of new materials and their location on the lot shall require prior approval by Grantor or their assigns before being constructed or located on the lot.

7 - All vehicles and water craft located on the lot shall have at all times a valid license and shall be kept in good repair and operating condition.

8 - All improvements on the lot shall be kept at all times in a neat and well maintained condition so as to have an attractive appearance, pleasing not only to the owner of the lot but also all of the other lot owners in the areas adjacent to said lot.

9 - All of the easements for sewer systems together with the Septic Plots designated and shown on the recorded map in Map Book 26, Page 840 Mecklenburg County Registry, shall be used as such so long as the same is required. All of the owners of any property subject to said easements and sewer systems shall be obligated and responsible on a pro-rata basis for all expense in the repair, upkeep and maintenance of said areas as determined by a simple majority of the lot owners, with each lot owned on said map having one vote.

10 - Any Option To Purchase in favor of Duke Power Company or others within the chain of title, if any there are.

8 FEB '16 PM 1:15

350713
8028

MECKLENBURG COUNTY
HEALTH DEPARTMENT

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: 113-281-18
STREET ADDRESS: 4020 Tuffy Ln
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME:
LOT #: 7 LOT SIZE (acres): 1.22
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: 3700
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 5
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?** 6/22/2006 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 3/22/16 ☐ N/A

12. **PROPERTY OWNER:**
NAME: Matthew + Laura Reid
ADDRESS: 166 E Drake Rd
CITY: Gilbert
STATE: SC ZIP: 29054
WORK PHONE: 704-619-7355
MOBILE PHONE:
FAX:
E-MAIL: Carolinamegateam@aol.com

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: Edward Boulanger + Heather Ducimo
ADDRESS: 7424 Rock Island Rd
CITY: Charlotte
STATE: NC ZIP: 28278
WORK PHONE: 774-200-9210
MOBILE PHONE: 508-735-7974
FAX:
E-MAIL: edman77@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

Please call before
774-200-9210

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

_____ 2/5/16

Property Owner's or Owner's Legal Representative Signature — Date

---

OFFICE USE ONLY

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

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

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

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

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

Revised on: 12/15/10

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 #: 30008028 GWS File #: 3507B

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.
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- 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.
- All components of the septic system must be located a minimum distance from the normal pool elevation or mean high water mark for the nearby body of water. See plot plan for minimum setback requirements.
- 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 supply pipe shall be installed with a minimum of 30" of compacted cover over the pipe or properly sleeved under areas that are subject to vehicular traffic.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 15 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, 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 a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

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 #: 30008028 GWS File #: 3507B Tax Parcel #: 113-281-18

- 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):** 5/4/2021

Type of Installation: Residential - New System Lot Number: 7

Structure Type: HOUSE Size (ft^2): 3700 # Bedrooms: 4 # Occupants: 5

Building Foundation: Basement With Plumbing Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.28	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	857	Total Trench Length (ft):	286
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):	480	LTAR (gpd/ft^2):	0.28	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	857	Total Trench Length (ft):	286
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IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

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- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Philo Walker Owner/Legal Agent: Edward F Boulanger II
Print Name

Signature: Philo Walker REHS Signature:

Date Issued: 5/4/2016

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 #: 30008028 GWS File #: 3507B

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.
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- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 15 feet from any foundation drain.

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: 30008028 GWS File #: 3507B Tax Parcel #: 113-281-18

- 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):** 5/4/2021

Type of Installation: Residential - New System Lot Number: 7

Structure Type: HOUSE Size (ft^2): 3700 # Bedrooms: 4 # Occupants: 5

Building Foundation: Basement With Plumbing Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.28	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	857	Total Trench Length (ft):	286
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):	480	LTAR (gpd/ft^2):	0.28	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	857	Total Trench Length (ft):	286
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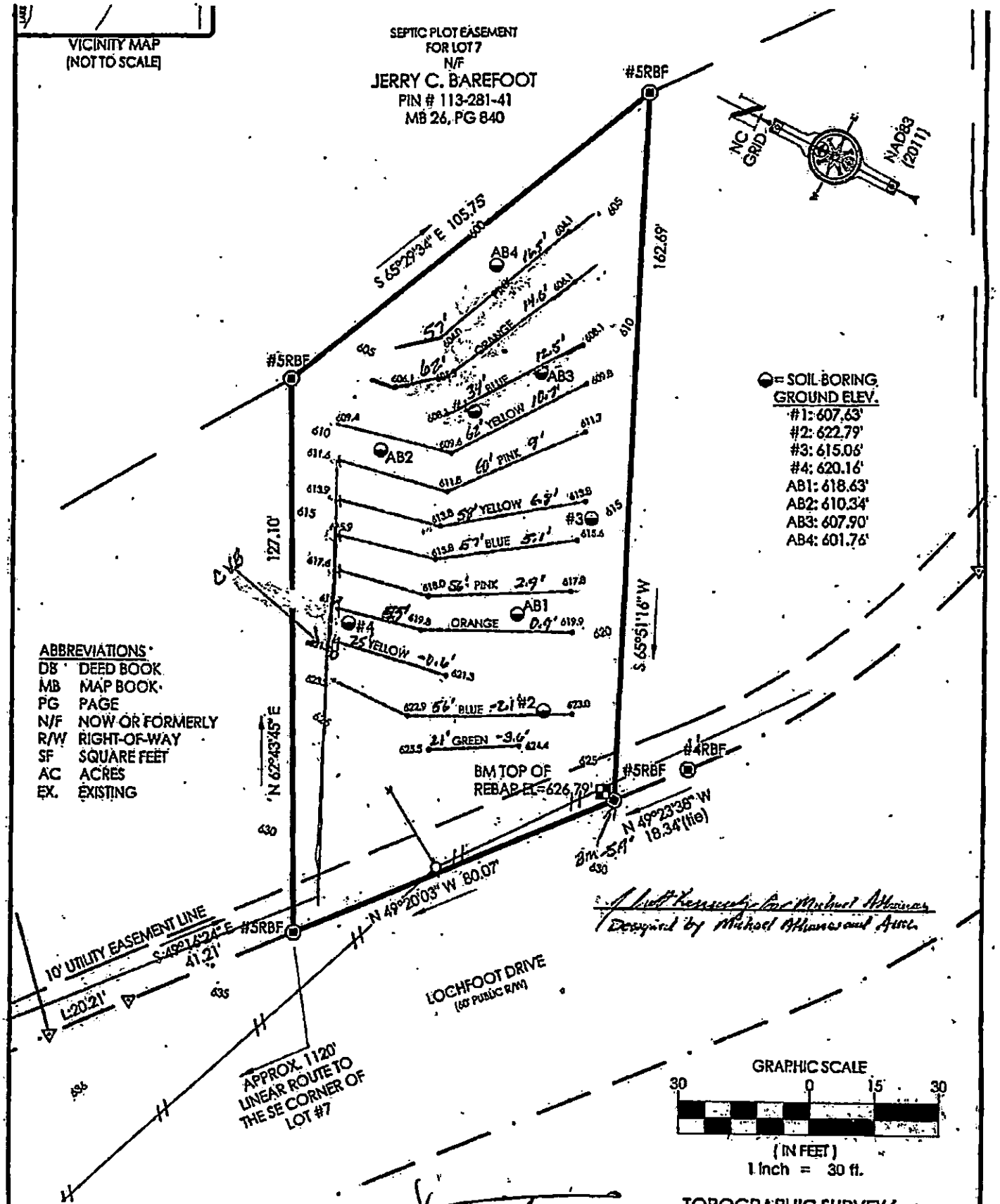
Authorized Agent: Philo Walker

Signature: Philo Walker REHS

Date Issued: 5/4/2016

Owner/Legal Agent: Edward F Boulanger II
Print Name

Signature: Ed Z Bk



I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK XXXXX, PAGE XXXX); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).
WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER

Signature

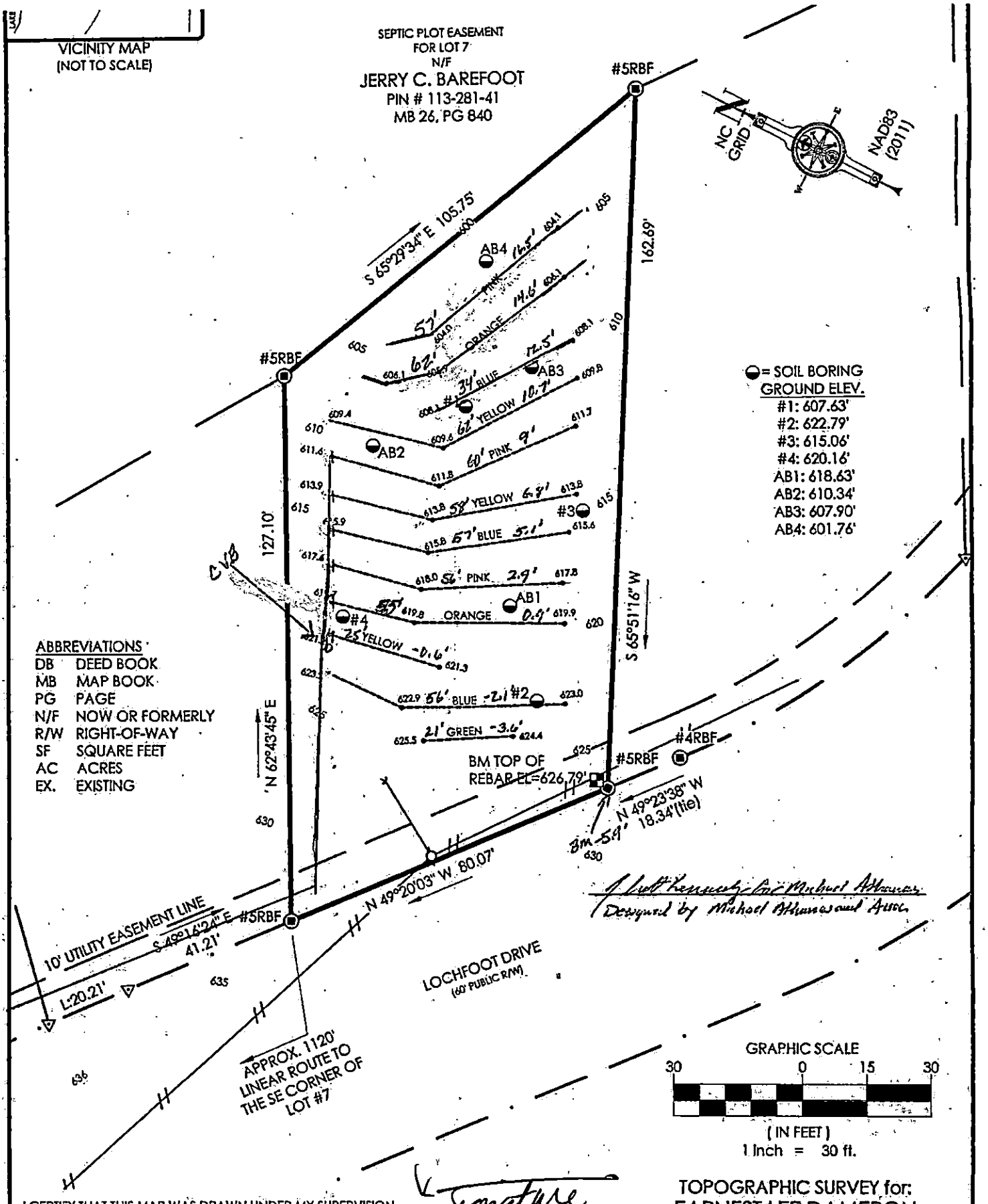
NORTH CAROLINA PROFESSION

TOPOGRAPHIC SURVEY for: EARNEST LEE DAMERON & MORGAN DAMERON

SHOWING SEPTIC PLOT EASEMENT FOR LOT 7 (MB 26, PG 840)

BERRYHILL TOWNSHIP, MECKLENBURG COUNTY, NC

Compass Geomatics, PLLC Land Survey Division of:



I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK XXXXX, PAGE XXXX); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).
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NORTH CAROLINA PROFESSIONAL

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SHOWING SEPTIC PLOT EASEMENT FOR LOT 7 (MB 26, PG 840)

BERRYHILL TOWNSHIP, MECKLENBURG COUNTY, NC

Compass Geomatics, PLLC Land Survey Division of:

Authorized Agent: Philo Walker

Signature: Philo Walker REHS

Date Issued: 5/4/2016

Owner/Legal Agent: _____
Print Name

Signature: _____

Page 2 of 2



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Lot 7 Barefoot Landing; 4020 Tuffy Lane; Parcel ID#: 11328118 Mecklenburg Co., NC

House Footprint: TBD
Building Setback: 30' Front, 10' Side, 50' Rear
Water Source: Private Well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.28 gpd/ft2
Suggested System Type: PPBPS
Distribution: LP-CVB
Flow per Orifice: .59
Hole Size & Material: 3/16
Number of Panels: 71
System Flow: 41.89 gal/min
Dosing Volume: 255.6 gal/dose
Pump Run Time: 6.10 min
Total Linear Footage: 311'
Trench Bottom Square Footage: 622 sq.ft
Elevation Head: TBD
Friction Head: TBD
Pressure Head: 2'
Total Dynamic Head: TBD
Supply Line Length: TBD
Septic/Pump Tank Size: 1000/1000
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	# of Panels	Elevation
Green 0		21'		-3.6'
Blue 1		56'		-2.1'
Yellow2	25'	25'	6	-0.6'
Orange3	55'	55'	12	0.9'
Pink4	56'	56'	13	2.9'
Blue5	57'	57'	13	5.1'
Yellow6	58'	58'	13	6.8'
Pink7	60'	60'	14	9'
Yellow 8		62'		10.7'

Blue 9		34'		12.5'
Orange 10		62'		14.6'
Pink 11		57'		16.5'

Initial System: 311' PPBPS **Repair System:** 292' PPBPS
Benchmark: -5.9' Top Right Property Iron **House Corner:** TBD **Pump Tank:** TBD
CVB: -3.6'

Comments:
The purpose of this evaluation is to permit the property for a 4-bedroom residence. MA&A is aware that due to the distance being pumped and the slope of the easement, that the system will need to be designed by a P.E.. MA&A is proposing 311 linear feet for the system when 286 linear feet is required.

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 #: **30008028** GWS File #: **3507B**

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NC DENR
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On-Site Wastewater Section

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

Permit #: **30008028** GWS File #: **3507B** Tax Parcel #: **113-281-18**

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

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Authorized Agent: Philo Walker Owner/Legal Agent: _____
Print Name

Signature: Philo Walker REHS Signature: _____

Date Issued: 5/4/2016

DigiSign: DDDFF29A-3B34-4B75-8A55-3B6B4BDF7075

MECKLENBURG COUNTY
Health Department

E. Winters Mabry, MD
Director

(704) 432-3199

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that Edward E Boulanger II is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at 113-281-18.

Number Street Town
(Or Parcel Number)

Laura Reid
Property Owner (print name)

Laura Reid
Property Owner (signature)

02-03-2016
2/3/16
Date

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/08/16	**Amount:**	250.00
Receipt #:	97887	**Tendered:**	250.00
Check / Auth #:	MC 122302	**Returned:**	0.00
Received By:	ANDRAEO		

Account Information

Account #:	200000
Contractor:	EDWARD F BOULANGER
Attn:	
Address:	7424 ROCK ISLAND RD
Address:	
City/State/Zip:	CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 4020 TUFFY LANE		1	250.00	250.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
		145.00		75.00	

Payment Receipt

Mecklenburg County POS

Environmental Health
700 N. Tryon Street
Charlotte, NC 28202
Phone: 704-336-5100

Enter Account # or Customer Name Here:
EDWARD F BOULANGER

Bill To:

EDWARD F BOULANGER
7424 ROCK ISLAND RD

Charlotte, NC 28278

Single Payment

Transaction Date: 02/08/2016 10:20 AM Pacific Time
Pay Method: **********8531
Approval #: 122302
Trace Number: acf8086d-ad62-4501-810a-f4319c03650e
Amount: $250.00

Payment Amount: $250.00

Total: $250.00

Thank you for your payment.

3507B

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

☐ CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: Thompson (last) Joseph (first) 2 JR. (mi)

ADDRESS: 13709 Stephendale DR PHONE: (704) 588-2488

CITY: Charlotte STATE: NC ZIPCODE: 28273

Date: 3-28-95

PROPERTY OWNER:

NAME: SAME (last) (first) (mi)

ADDRESS: _____ PHONE: (__) _____

CITY: STATE: ZIPCODE:

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 113-29-01 60

STREET ADDRESS: 4020 Tuffy Ln

ZONING: _____

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
☒ 0 Mecklenburg County ☐ 2 Davidson ☐ 4 Pineville ☐ 6 Huntersville
☐ 1 Charlotte ☐ 3 Cornelius ☐ 5 Matthews ☐ 7 Mint Hill

LOT NUMBER: 7 LOT SIZE (in acres): 1.28

TYPE APPLICATION (check one):

☐ SOIL TEST - INDIVIDUAL LOT (D)
☒ NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
☐ COMMERCIAL OR INDUSTRIAL (N)
☐ SOIL TEST DEVELOPMENT (P)
☐ ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
☐ MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
☐ REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):

☐ SINGLE MOBILE HOME (S) ☒ HOUSE (H) ☐ MULTIPLE FAMILY (U)
☐ DOUBLE WIDE (D) ☐ MODULAR HOME (M) ☐ OTHER _____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 4

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:

Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):

☐ Community (C) ☐ Shared Well (S)
☐ Municipal (M) ☐ Other 'spring' (O)
☒ Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):

☒ Swimming Pool ☐ Jacuzzi ☐ Stable/Barn ☐ Workshop ☐ None
☒ Garage ☒ Storage Building ☐ Deck/Patio ☐ Bedrooms ☐ Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Ralph L Thompson Jr Date: 3-28-95

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

☐ IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
☐ ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

_____ Environmentalist Date

_____ Director or Authorized Section Head Date

WATER : 122791

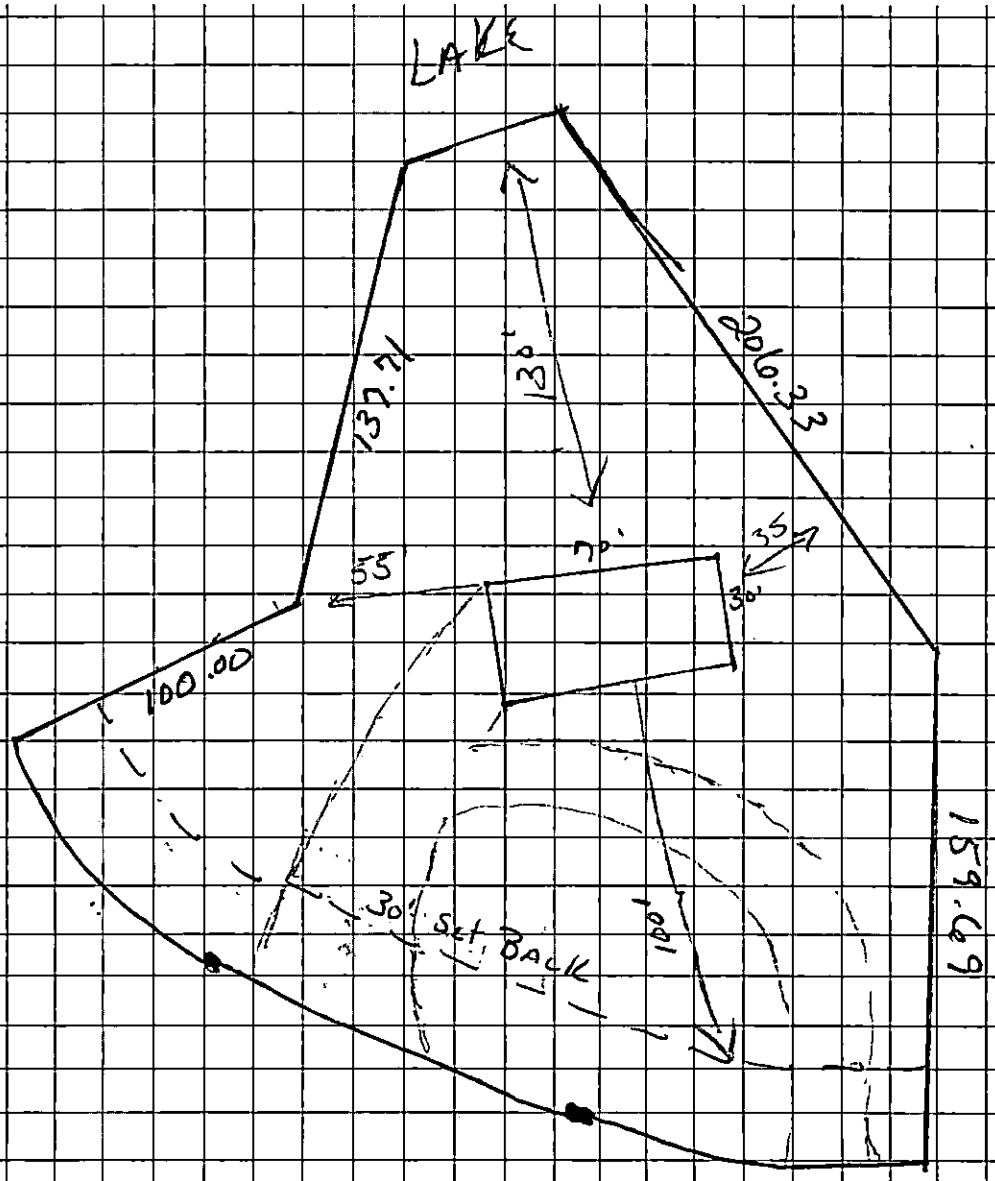
PROPOSED PLOT PLAN

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

FILE: 35878

TC: 113-29-0198

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



Joseph L Thompson Jr.
OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE _____

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 028596

File: 3507B Action 2

Parcel: PO 113-291-01 ☐ PC

(Lochfoot Dr.)

Location: 4020 Tubby Jane

Subdivision:

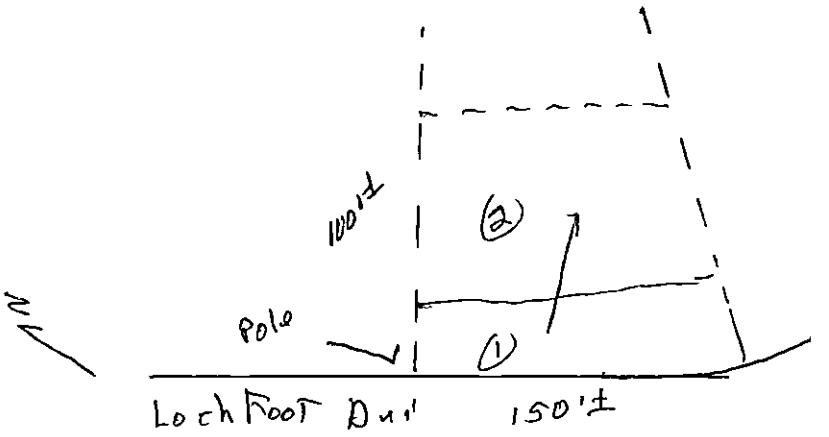
Lot: 7 Block: Acres: Approx .25

Owner: Joseph L. Thompson, Jr.
Address: 13709 Stephendale Dr.
Charlotte, N.C. 28272

Comments: 100% Repair, .25 gal/br/4 day LTAR, perm. easement

Described by: William A. Mails

Date: 5-26-95



*** EVALUATION KEY ***
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 8-15%	S (PS) U 15-30%	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Slightly Ex. clay	S (PS) U slightly Ex. clay	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U
Drainage	(S) PS U >48" To soil wetness	(S) PS U >48" To soil wetness	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 41-48"+	S (PS) U 41-48"+	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U >48"	(S) PS U >48"	S PS U	S PS U	S PS U	S PS U
Available Space	S PS (U) Restricted	S PS (U) Restricted	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV series Not Determined	IV series Not Determined				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U

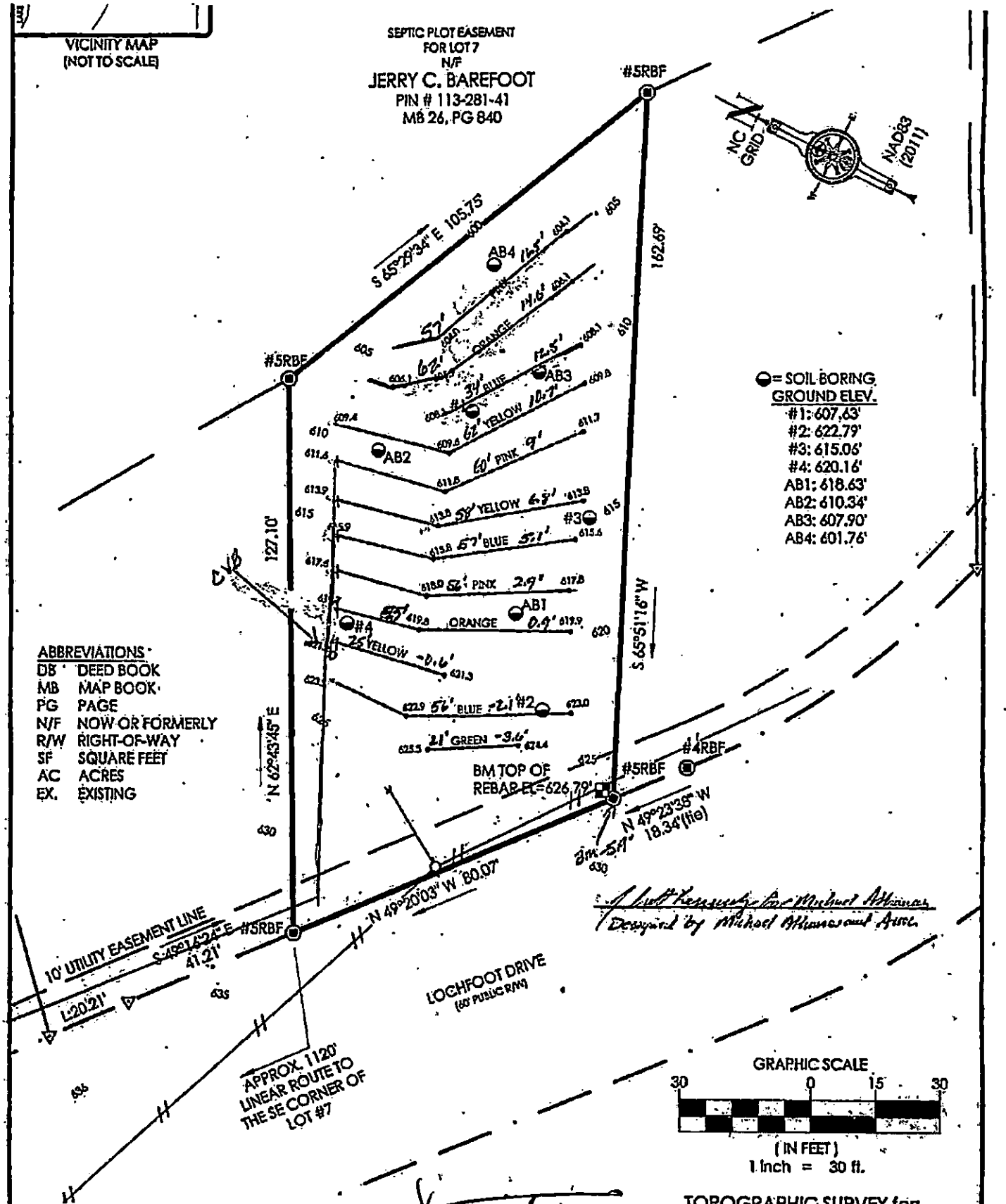
Groundwater & Wastewater Services: Septic Project File & D

GWS File #:	8985B
WASPS App #:	8152
Primary ES assigned to project:	April Bumgarner
Secondary ES assigned to project:	
Project Type:	New System
Site Evaluation Information: .1939(a)(1) - Topography and Landscape Position Recorded?	Yes
Site Evaluation Information: .1940(a-g) - Slope % Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Texture Class Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Structure Type Recorded?	Yes
Site Evaluation Information: .1939 (a)(2) - Consistence Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Mineralogy Recorded?	Yes
Site Evaluation Information: .1939(a)(3) - Soil Wetness Condition Recorded?	Yes
Site Evaluation Information: .1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?	N/A
Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded?	Yes
Site Evaluation Information: .1937(m) - Are the Profile Locations Shown?	Yes
Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area?	Yes
Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR	Yes
Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial	Yes
Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial	Yes
Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial	Yes
Information Permit/Construction Authorization: .1945(b) - Repair area shown	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?	Yes
Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct?	Yes
Improvement Permit/Construction Authorization: .1937(g) - Trench width correct?	Yes
Improvement Permit/Construction Authorization: .19379(g) - Trench length correct?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown?	N/A

Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points?	Yes
Corrections/modifications needed?	No
Comments:	
IA issued date:	
OP Issued date:	
Review performed by:	Jeremy Michael
Date performed:	4/28/2016

Created at 4/28/2016 9:58 AM by Michael, Jeremy
Last modified at 4/28/2016 9:58 AM by Michael, Jeremy

Close



Designed by Michael Allmand and Assoc.

I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK XXXXX, PAGE XXXX); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).
WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER

Signature

NORTH CAROLINA PROFESSIONAL

TOPOGRAPHIC SURVEY for: EARNEST LEE DAMERON & MORGAN DAMERON

SHOWING SEPTIC PLOT EASEMENT FOR LOT 7 (MB 26, PG 840)

BERRYHILL TOWNSHIP, MECKLENBURG COUNTY, NC

Compass Geomatics, PLLC Land Survey Division of:

Supervisor/Administrative Professional Checklist

New Septic ☒ New Well ☐ Use Existing ☐ Alteration ☐ Modified Plot Plan ☐

New Septic Fees Paid:

IP ($250.00) LE 2/8/16 Initials/Date

CA ($200.00) _____ Initials/Date

OP ($200.00) _____ Initials/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fee Paid: $550.00 _____ Initials/Date

Use Existing Fee Paid: $100.00 _____ Initials/Date

Alteration Fee Paid: $300.00 (Total) $200 (If use existing was paid)_____ Initials/Date

Modified Plot Plan Fee Paid: $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☐ Reviewed ☑ JAM

This site is served by septic and well. Verify each is complete before final hold is released. ☑

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☑ Signature received. ☑ _____

This septic system requires a certified operator contract before final hold is released. ☑

Certified operator contract is on file. ☐ _____

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

Sheet: 1 of 2
Property ID: 113-281-18 + easement
Lot #: 7
File #: 3507B
AppID: 8028

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Matthew & Laura Reid
Address: 166 E Drake Rd, Gilbert, SC 29054
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location of Site: 4310 West Sugar Creek Rd, Charlotte, NC 28269
Water Supply: [ ] Public [X] Individual [X] Well
Evaluation Method: [X] Auger Boring [ ] Pit
Type of Wastewater: [X] Sewage [ ] Industrial Process

Applicant: Edward Boulanger & Heather Ducimo
Date Evaluated: 2/17/2016
Property Size: 1.22 + easement
Property Recorded: Unknown
[ ] Spring [ ] Municipal
[ ] Cut
[ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Boring #1	HS 23%	0 - 15 15 - 56	wfsbk SCL wfsbk C	S SP FR SEXP S P FR SEXP	>55"	55	NA	NA	offsite easement	PS IV 0.28	36"
Boring #2	HS 20%	0 - 10 10 - 55	wfsbk SCL mfsbk C	S SP FR SEXP S P FR SEXP	>55"	55	NA	NA	offsite easement	PS IV 0.28	36"
Boring #3	HS 20%	0 - 14 14 - 55	wfsbk SCL mfsbk C	S SP FR SEXP S P FR SEXP	>55"	55	NA	NA	offsite easement	PS IV 0.28	36"
Boring #4	SS 20%	0 - 9 9 - 36 36 - 55	wfsbk SCL mfsbk C wfsbk SCL	S SP FR SEXP S P FR SEXP SS SP FR SEXP	>55"	55	NA	NA	offsite easement	PS IV 0.3	36"
Boring #5	LS 20%	0 - 4 4 - 11 11	gr L mass C Auger Refusal	SS SP FR SEXP S VP VFI EXP	2 chroma at 10"	4	NA	NA	on lot	US	NA
Boring #6	LS 25%	0 - 5 5 - 14 14 - 24	gr L wfsbk CL mass C	SS SP FR SEXP S VP FI EXP S VP VFI EXP	2 chroma at 14"	14	NA	NA	on lot	US	NA
Boring #7	LS 8%	0 - 4 4 - 12	gr L mass C	SS SP FR SEXP S VP VFI EXP	>12"	4	NA	NA	on lot	US	NA

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IVa	IVa
Site LTAR (gpd/sq ft)	0.28*	0.28*

*Easement area only.

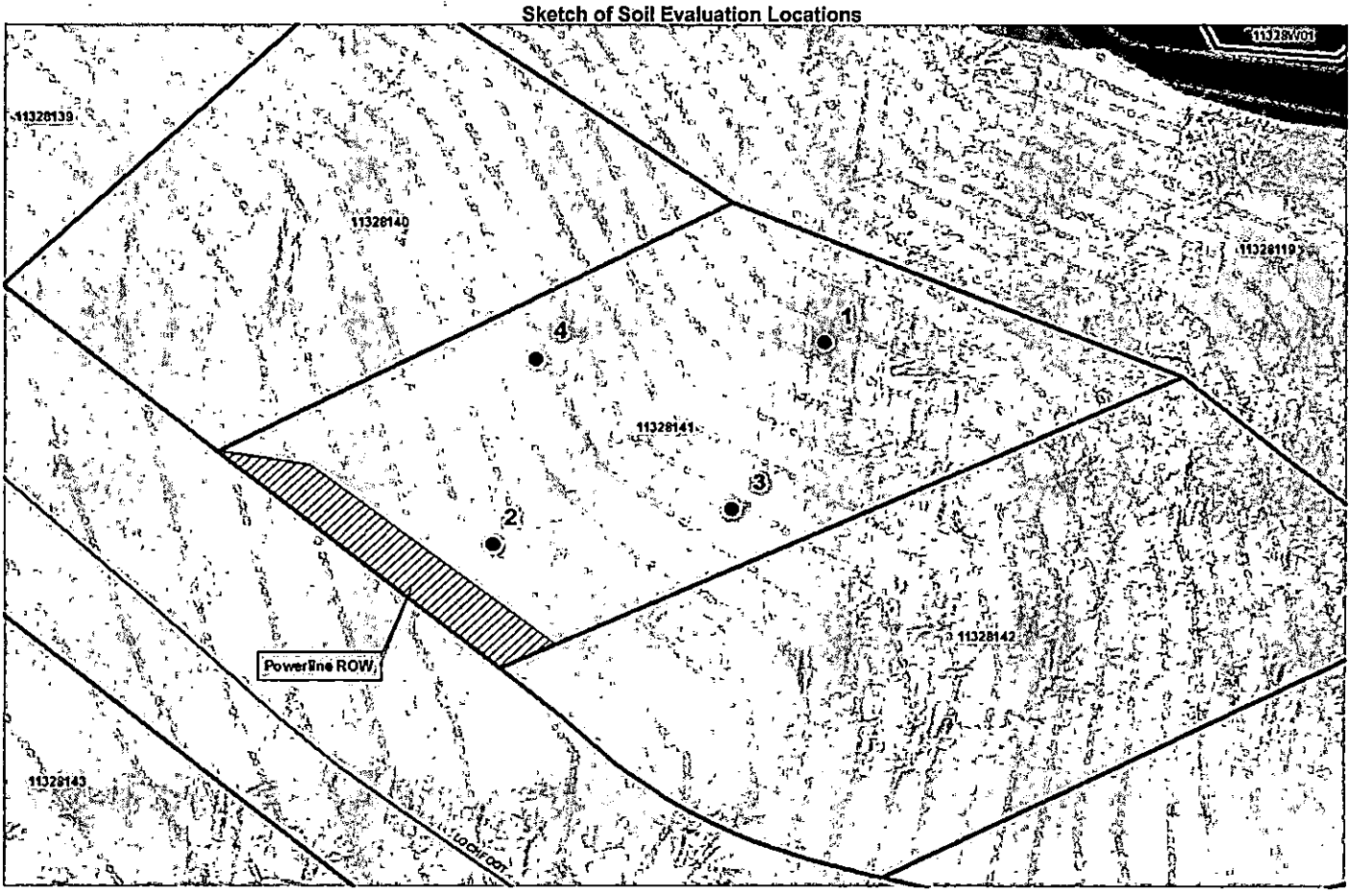
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, LSS, REHS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Phillip Walker REHS
Others Present:

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		mass-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		CL-Clay Loam		**Structure Prefixes**
FP-Flood Plain		SCL-Sandy Clay Loam		w-weak
D-Drainage Way		SiL-Silt Loam		m-moderate
				s-strong
				f-fine
	IV	SC-Sandy Clay	0.4 - 0.1	m-medium
		SiC-Silty Clay		c-coarse
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	SS-Slightly Sticky	SEXP-Slightly Expansive
FR-Friable	S-Sticky	EXP-Expansive
FI-Firm	VS-Very Sticky	
VFI-Very Firm	NP-Non-Plastic	**Classification**
EFI-Extremely Firm	SP-Slightly Plastic	US-Unsuitable
	P-Plastic	PS-Provisionally Suitable
	VP-Very Plastic	S-Suitable
		NA-Not Applicable

Sketch of Soil Evaluation Locations



Sketch of Soil Evaluation Locations 2

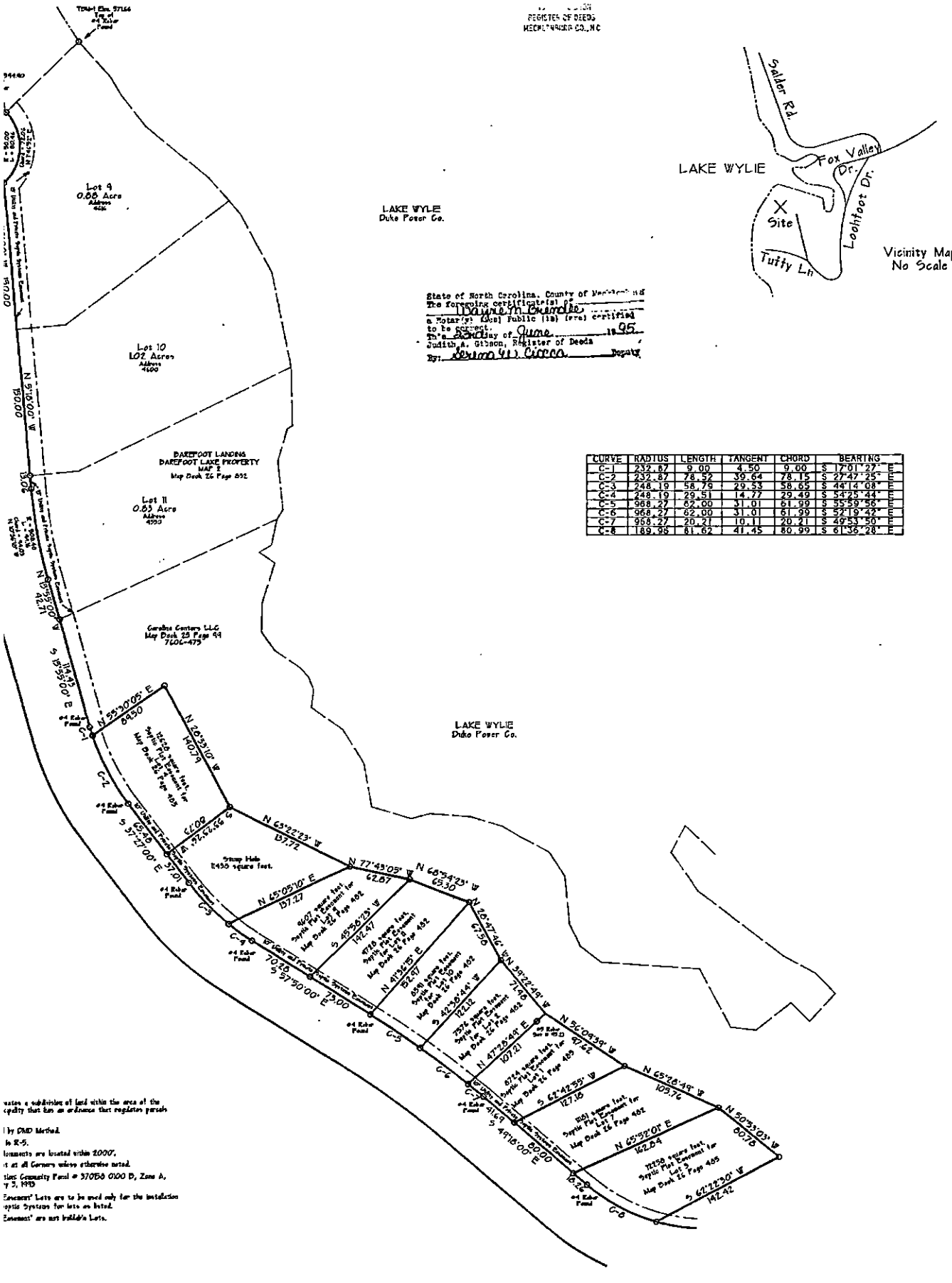


File #3507B
App ID: 8028
2-17-16

.840

FILED FOR
REGISTRATION
95 JUN 23 AM 8:48
REGISTER OF DEEDS
MECKLENBURG CO., NC

#101



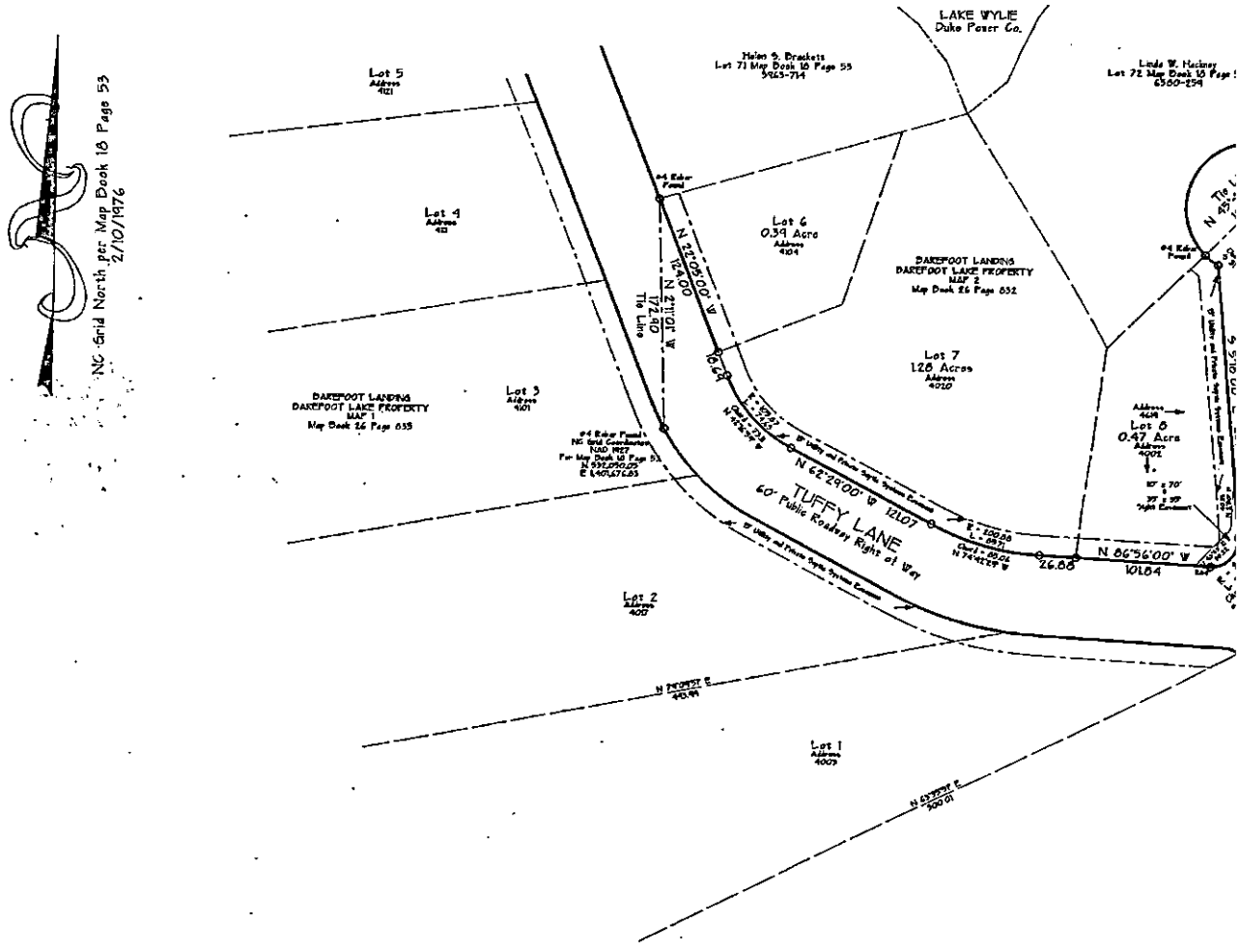
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING
C-1	232.87	9.00	4.50	9.00	S 17°01'27" E
C-2	232.87	78.52	39.64	78.15	S 27°47'25" E
C-3	248.19	58.79	29.53	58.65	S 44°14'08" E
C-4	248.19	29.51	14.77	29.49	S 54°25'44" E
C-5	968.27	62.00	31.01	61.99	S 55°59'56" E
C-6	968.27	62.00	31.01	61.99	S 52°19'42" E
C-7	968.27	20.21	10.11	20.21	S 49°53'50" E
C-8	189.95	81.62	41.45	80.99	S 61°36'28" E

...vates a subdivision of land within the area of the ...pality that has an ordinance that regulates parcels

...l by DMD Method.
...le R-S.
...lopments are located within 2000'.
...t at all Corners unless otherwise noted.
...tion Community Panel # 370158 0100 D, Zone A,
...r 5, 1993
...Easement' Lots are to be used only for the installation ...eptic Systems for lots as listed.
...Easement' are not buildable Lots.

95062022

Map Book 26



Approved in accordance with the provisions of the Subdivision Ordinance of Mecklenburg County, North Carolina.

Charlotte-Mecklenburg Planning Commission

Richard B. Hollis
Planning Commission Staff

6/23/95
Date

BAREFOOT LANDING
BAREFOOT LAKE PROPERTY

Map Showing Septic Plot Easements for
Lots 1, 2, 3, & 4 Map Book 26 Page 835
Lots 7, 9, 10, & 11 Map Book 26 Page 832
A portion of the property shown on
Map Book 18 Page 53 & Map Book 25 Page 99
Tax Parcel 113-291-01
Owner: Carolina Centers LLC
PO Box 1003
Charlotte, NC 28201
Deed Reference: 7606-475
Berryhill Township, Mecklenburg County, NC
Scale 1" = 60' June 4, 1995
Revised 6/22/1995

0 60 120 180 240

THOMAS E. MONTGOMERY
NC Registered Land Surveyor L-2593
3000 Grey Road
Davidson, NC 28036
704/892-9620

I, Thomas E. Montgomery certify that this map was drawn under my supervision from an actual survey made by me, the ratio of precision as calculated by latitudes and departures is 1:10,000, that the boundaries not surveyed are shown as broken lines plotted from deed information, that this map was prepared in accordance with G.S. 47-30 as amended. Witness my hand and seal this 23rd day of June 1995.

Thomas E. Montgomery
N.C.R.L.S. L-2593

NORTH CAROLINA REGISTERED SEAL L-2593 LAND SURVEYOR THOMAS E. MONTGOMERY

North Carolina, Mecklenburg County

I, [illegible], a Notary Public of the County and State aforesaid certify Thomas E. Montgomery, a Registered Land Surveyor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official seal, this 23rd day of June 1995.

Notary Public

My commission expires 3-20-2000

NOTARY PUBLIC