MECKLENBURG COUNTY
HEALTH DEPARTMENT

city sewer

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL

APPLICATION TYPE: (•) SEPTIC ONLY ( ) WELL ONLY ( ) SEPTIC & WELL
(•) ADDITION OR RENOVATION WITH OCCUPANCY INCREASE
( ) ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE
( ) EXCHANGE MOBILE HOME (SAME # BEDROOMS)
( ) COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: Keith Carpenter
ADDRESS: 11013 Middle Acres Rd.
CITY: Charlotte
STATE: NC ZIP: 28213
PHONE: (704) 576-0874
ALTERNATE PHONE: ~~(704) 599-4530~~ (704)604-4697
E-MAIL: keith.r.carpenter@gmail.com

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: Keith R & Denise L Carpenter
ADDRESS: 11013 Middle Acres Rd.
CITY: Charlotte
STATE: NC ZIP: 28213
PHONE: (704) 576-0874
ALTERNATE PHONE: ~~(704) 599-4530~~ (704)604-4697
E-MAIL: keith.r.carpenter@gmail.com

JOB LOCATION INFORMATION
TAX PARCEL #: 05116103
STREET ADDRESS: 11013 Middle Acres Rd.
CITY: Charlotte
STATE: NC ZIP: 28213

SUBDIVISION OR MOBILE HOME PARK NAME: _____
LOT #: _____

WATER SUPPLY:
( ) MUNICIPAL (•) PRIVATE WELL ( ) PUBLIC WELL ( ) SHARED WELL ( ) OTHER _____

RESIDENTIAL PROPERTY TYPE: ( ) N/A
(•) HOUSE ( ) MODULAR HOME ( ) MULTIPLE FAMILY
( ) SINGLE MOBILE HOME ( ) DOUBLE WIDE
( ) OTHER _____

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 4 3br.
NUMBER OF OCCUPANTS: 4

COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ☑ N/A
TYPE OF BUSINESS: _____
EMPLOYEES PER SHIFT: _____
OF SHIFTS: _____
INDUSTRIAL WASTES? ( ) YES ( ) NO
UNDERGROUND STORAGE TANKS? ( ) YES ( ) NO

ADDITION/RENOVATION TYPE ATTACHED TO EXISTING STRUCTURE:
☐ BEDROOM ☐ BATHROOM ☐ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER _____

ADDITION/RENOVATION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Keith Carpenter — Owner's/Agent's Signature
3/25/19 — Date

A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

MECKLENBURG COUNTY
HEALTH DEPARTMENT

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STREET ADDRESS: 11013 Middle Acres Rd.
CITY: Charlotte
STATE: NC **ZIP:** 28213

SUBDIVISION OR MOBILE HOME PARK NAME: _____
LOT #: _____

WATER SUPPLY:
( ) MUNICIPAL (•) PRIVATE WELL ( ) PUBLIC WELL ( ) SHARED WELL ( ) OTHER _____

RESIDENTIAL PROPERTY TYPE: ( ) N/A
(•) HOUSE ( ) MODULAR HOME ( ) MULTIPLE FAMILY
( ) SINGLE MOBILE HOME ( ) DOUBLE WIDE
( ) OTHER _____

OCCUPANCY (both fields are required):
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COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ☑ N/A
TYPE OF BUSINESS: _____
EMPLOYEES PER SHIFT: _____
OF SHIFTS: _____
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Keith Carpenter — Owner's/Agent's Signature
3/25/19 — Date

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MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

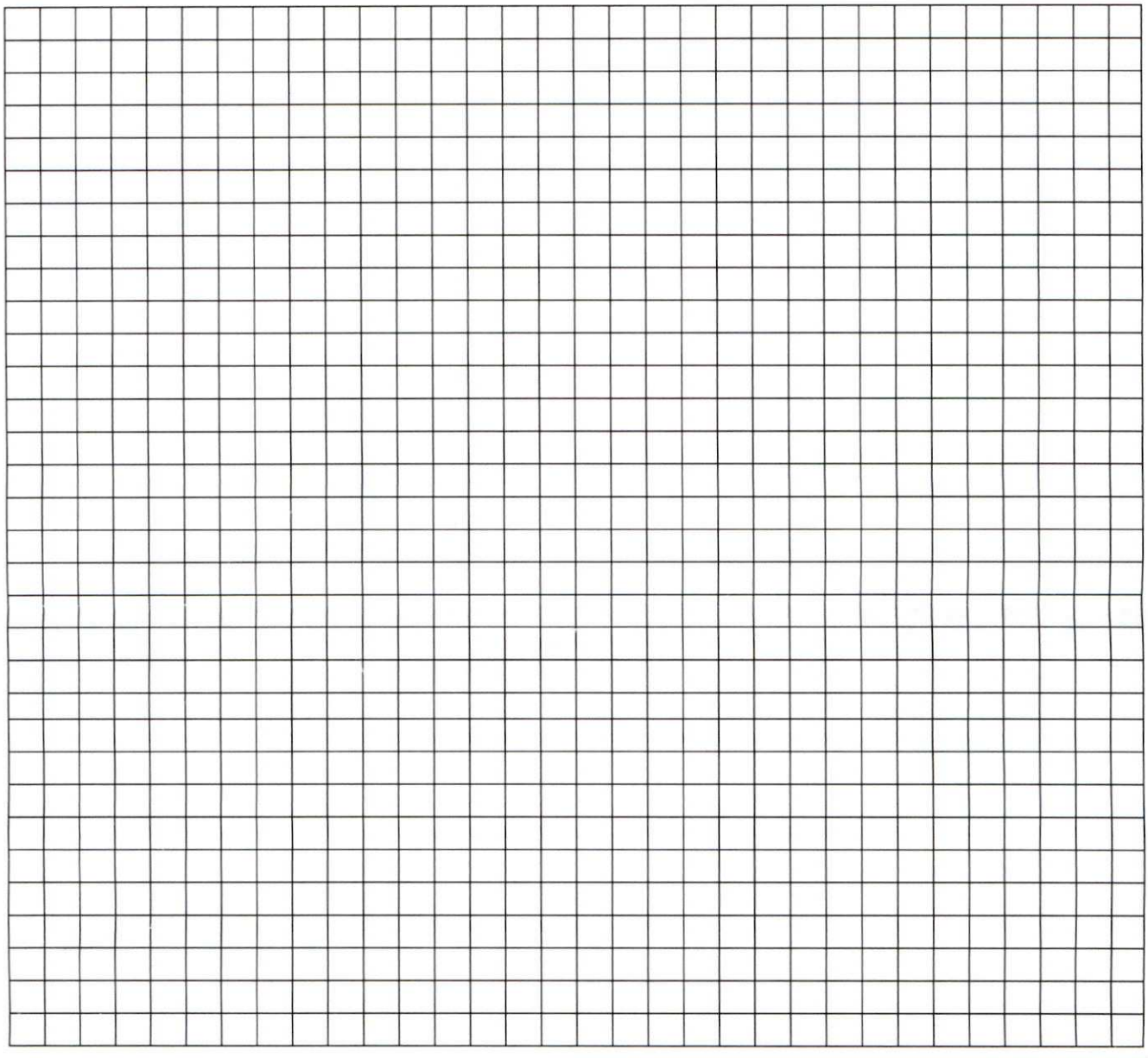
Revised on: 4/20/17

File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: _____ Tax Parcel #: _____



*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the "Job Location" contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal and Water Supply Wells 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.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

_____

_____

_____ _____

REHS Signature Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT/CONSTRUCTION AUTHORIZATION
for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: _____ Permit #: _____ Tax Parcel #: 051-16-103

Property Owner: Keith & Denise Carpenter

Job Location Address: 11013 middle acres Rd

City: Charlotte State: NC Zip Code: 28213

Improvement Permit Issuance Date: _____ **Construction Authorization Issuance Date** 3/29/19

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 permit is granted based upon the application information submitted to our office. This permit expires 5 years from the date it was issued. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

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

Permitted Design Flow: 480 GPD

Site LTAR: .3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1000 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 36" inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 400 feet

# of Lines: 4 @ 100 feet

Depth of Media: 12 inches (Type) Quick 4

Distribution Device: Manifold

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

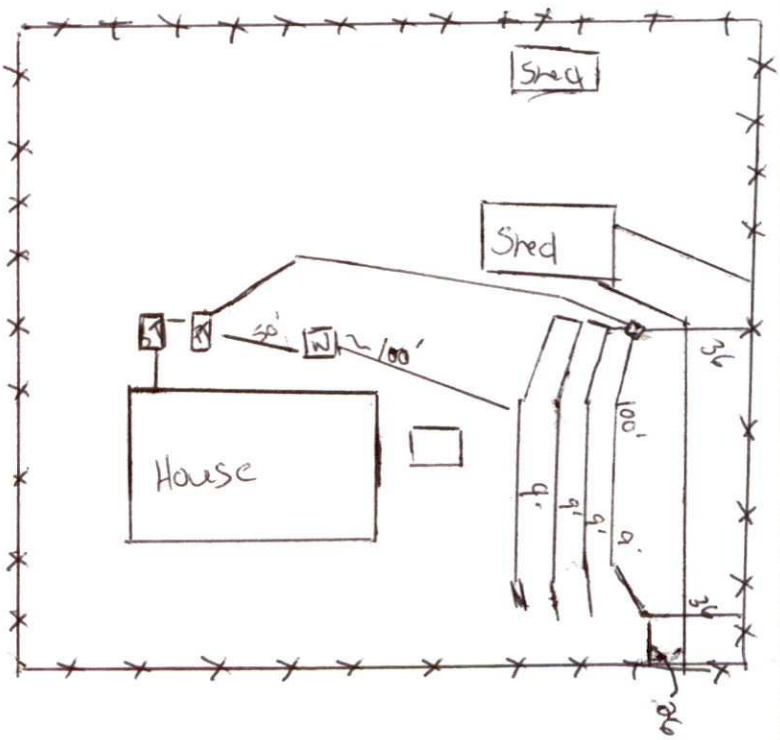
Minimum System Setbacks

Distance from Building Foundation: _____ feet

Distance from Property Line: _____ feet

Distance from Water Supply Source: _____ feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: Call 48 Schedule Preconstruction prior to ~~Septic line must be sleeved as~~ installation

Authorized Agent: Heather Ray Signature: Heather Ray

Owner Signature: _____ Date: _____

BK: 09434 PG: 0741/0743 #:0494 12.00
**** NC EXCISE TAX: 400.00 ***
JUDITH A GIBSON REG OF DEEDS MECK NC
FILED FOR REGISTRATION 01/02/98 15:42

[redacted]

Excise Tax $400.00

STATE OF NORTH CAROLINA

Real Estate Excise Tax

Tax Lot No. Parcel Identifier No. **From 051-161-03**
Verified by MECKLENBURG County on the 31st day of December, 1997.
by _____

Mail after recording to Grantee
This instrument was prepared by Douglas K. Simmons & Associates

Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED *made* ***December 31, 1997****, by and between*

GRANTOR	*GRANTEE*
George E. Rudisill, aka George E. Rudisell	***Keith R. Carpenter, and wife Denise L. Carpenter***
	11013 Middle Acres Road Charlotte, NC 28213

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 ,* ***Charlotte*** *Township,* ***MECKLENBURG*** *County, North Carolina and more:*

See Attached Exhibit A
Title Insurance Provided by Fidelity.

The property hereinabove described was acquired by Grantor by instrument recorded in Book , Page .

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:

1997 ad valorem taxes and subsequent years, which Grantee herein assumes and agrees to pay.
Restrictions and Easement appearing of record.

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.*

_____

George E. Rudisill (SEAL)

By: _____

_____ (SEAL)

_____ (SEAL)

ATTEST:

_____

_____ (SEAL)

SEAL-STAMP

NORTH CAROLINA, **MECKLENBURG** County.

I, a Notary Public of the County and State aforesaid, certify that **George E. Rudisill, aka George E. Rudisell** Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 31st day of December, 1997.

_____ Notary Public

My commission expires: 5/4/99

SEAL-STAMP

NORTH CAROLINA, **MECKLENBURG** County.

I, a Notary Public of the County and State aforesaid, certify that **George E. Rudisill** personally came before me this day and acknowledged that 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 **31st day of December, 1997**.

_____ Notary Public

My commission expires:

Exhibit A

BEGINNING at a common point in the middle line of Middle Acres Road, being the southwesterly corner of the Paul K. Herringshaw property, now or formerly, Deed Book 4845, page 131, thence south 45-57-37 west 344.87 feet, to a point thence north 44-30-12 west 299.96 feet to an iron, thence north 38-52-10 east 152.47 ft. to an iron, thence north 48-27-49 east 195.17 ft. to an iron, thence running south 44-13-40 east 310.25 along the common line of the Paul K. Herringshaw property, Deed Book 4845, page 131, to the point of BEGINNING, and containing 2.477 acres according to that certain survey by Tim E. Williams, Registered Survey dated August 11, 1997, reference to which is hereby made.

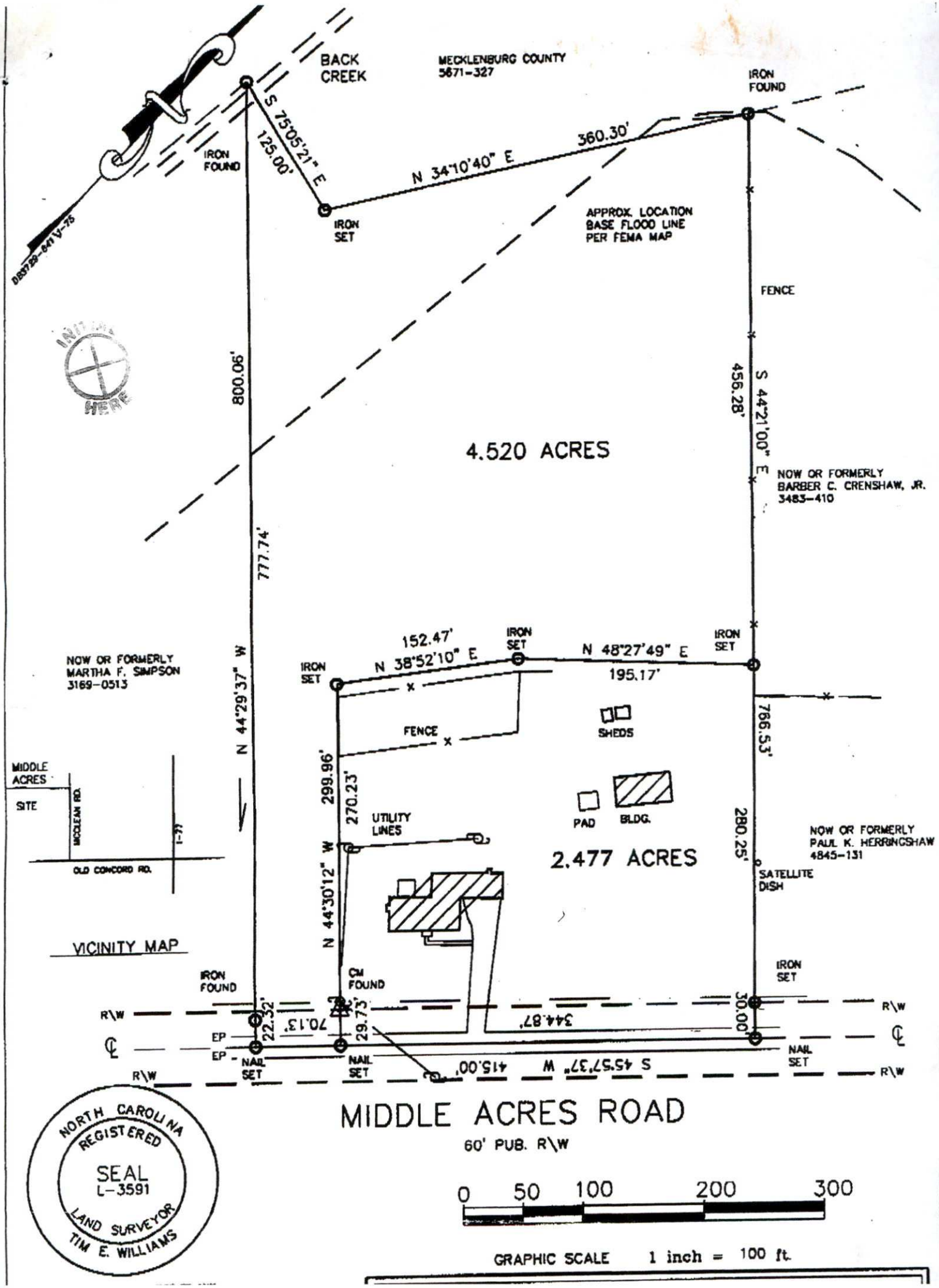
State of North Carolina, County of Mecklenburg

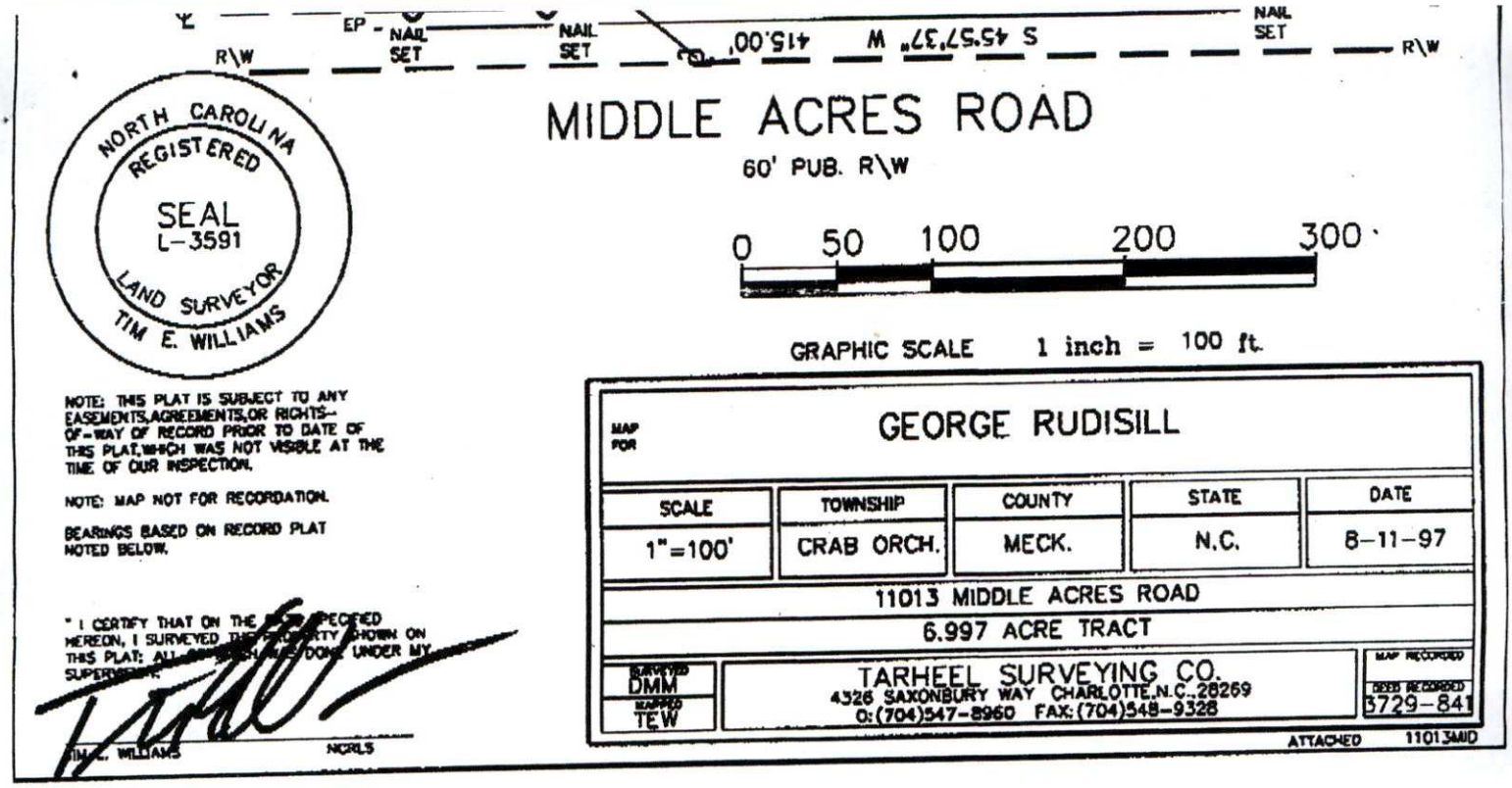
The foregoing certificate(s) of Douglas K. Simmons

Notary(ies) Public is/are certified to be correct. This 2nd day of January ,19 98.

JUDITH A. GIBSON, REGISTER OF DEEDS By: _____ Deputy Register of Deeds

RD102


BACK CREEK
MECKLENBURG COUNTY
5671-327
IRON FOUND
S 75°05'21" E
125.00'
N 34°10'40" E
360.30'
IRON SET
APPROX. LOCATION BASE FLOOD LINE PER FEMA MAP
DB3729-841 V-75
FENCE
800.06'
N 44°29'37" W
777.74'
456.28'
S 44°21'00" E
4.520 ACRES
NOW OR FORMERLY
BARBER C. CRENSHAW, JR.
3483-410
NOW OR FORMERLY
MARTHA F. SIMPSON
3169-0513
152.47'
N 38°52'10" E
IRON SET
N 48°27'49" E
IRON SET
195.17'
FENCE
SHEDS
766.53'
299.96'
270.23'
UTILITY LINES
PAD
BLDG.
2.477 ACRES
280.25'
NOW OR FORMERLY
PAUL K. HERRINGSHAW
4845-131
SATELLITE DISH
N 44°30'12" W
MIDDLE ACRES SITE
MCCLEAN RD.
I-77
OLD CONCORD RD.
VICINITY MAP
IRON FOUND
IRON FOUND
IRON SET
R\W
EP
EP
NAIL SET
NAIL SET
NAIL SET
22.32'
70.13'
29.73'
344.87'
30.00'
S 45°57'37" W 415.00'
R\W
R\W
MIDDLE ACRES ROAD
60' PUB. R\W
0 50 100 200 300
GRAPHIC SCALE 1 inch = 100 ft.
NORTH CAROLINA REGISTERED SEAL L-3591 LAND SURVEYOR TIM E. WILLIAMS



NOTE: THIS PLAT IS SUBJECT TO ANY EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY OF RECORD PRIOR TO DATE OF THIS PLAT, WHICH WAS NOT VISIBLE AT THE TIME OF OUR INSPECTION.

NOTE: MAP NOT FOR RECORDATION.

BEARINGS BASED ON RECORD PLAT NOTED BELOW.

" I CERTIFY THAT ON THE [illegible] SPECIFIED HEREON, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT; ALL [illegible] DONE UNDER MY SUPERVISION."

TIM E. WILLIAMS NCRLS

MAP FOR: GEORGE RUDISILL

SCALE	TOWNSHIP	COUNTY	STATE	DATE
1"=100'	CRAB ORCH.	MECK.	N.C.	8-11-97

11013 MIDDLE ACRES ROAD

6.997 ACRE TRACT

SURVEYED DMM
MAPPED TEW

TARHEEL SURVEYING CO.
4326 SAXONBURY WAY CHARLOTTE,N.C.28269
O:(704)547-8960 FAX:(704)548-9328

MAP RECORDED
DEED RECORDED 3729-841

ATTACHED 11013MID

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

Sheet: 1 of 2
Property ID: 051-161-03
Lot #: NA
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Keith & Denise Carpenter
Address: 11013 Middle Acres Rd, Charlotte, NC 28213
Proposed Facility: 4 Bedroom Home
Design Flow (.1949): 480 GPD
Location of Site: 11013 Middle Acres Rd, Charlotte, NC 28213
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Municipal
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: owner
Date Evaluated: 3/28/2019
Property Size: 2.477 ac
Property Recorded: 1/2/1998

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	R 2%	0 - 4	gr CL	SS SP FR SEXP	>48"	42	PS	NA		PS IV 0.325	30"
		4 - 20	sbk C	S P FR SEXP							
		20 - 42	sbk CL	SS SP FR SEXP							
		42 - 48	Saprolite								
Boring #2	HS 4%	0 - 27	Possible Fill		2.5Y 6/1 at 27"	0	NA	NA		US	NA
		27 - 36	sbk C	S P FI SEXP							
Boring #3	R 2%	0 - 8	gr SCL	SS SP FR SEXP	2.5Y 6/1 at 14"	24	NA	NA		US	NA
		8 - 24	abk C	S VP VFI EXP							
Boring #4	HS 2%	0 - 16	gr SCL	SS SP FR SEXP	>42"	42	NA	NA		PS IV 0.2	30"
		16 - 32	sbk SC	S P FR SEXP							
		32 - 42	sbk SC	S P FI SEXP							
Boring #5	R 2%	0 - 8	gr SCL	SS SP FR SEXP	>60"	24	PS	NA		PS IV 0.325	36"
		8 - 16	sbk C	S P FR SEXP							
		16 - 24	sbk SCL	SS SP FR SEXP							
		24 - 60	mass SL Sap	SS SP FR SEXP							
Boring #6	HS 2%	0 - 18	gr SCL	SS SP FR SEXP	>42"	42	NA	NA		PS IV 0.2	30"
		18 - 42	sbk SC	S P FR SEXP							
Boring #7	R 2%	0 - 5	gr SCL	SS SP FR SEXP	>60"	18	PS	NA		PS IV 0.3	36"
		5 - 18	sbk C	S P FI SEXP							
		18 - 60	mass LS Sap	SS SP FR SEXP							

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR (gpd/sq ft)		0.3*

***Only valid for area of borings 5 and 7.**

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

COMMENTS:

Landscape Position
R-Ridge
SS-Shoulder Slope
LS-Linear Slope
FS-Foot Slope
NS-Nose Slope
HS-Head Slope
CC-Concave Slope
CV-Convex Slope
T-Terrace
FP-Flood Plain
D-Drainage Way

Group	Texture	.1955 LTAR
I	S-Sand	1.2 - 0.8
	LS-Loamy Sand	
II	SL-Sandy Loam	0.8 - 0.6
	L-Loam	
III	Si-Silt	0.6 - 0.3
	SiCL-Silty Clay Loam	
	CL-Clay Loam	
	SCL-Sandy Clay Loam	
	SiL-Silt Loam	
IV	SC-Sandy Clay	0.4 - 0.1
	SiC-Silty Clay	
	C-Clay	

Structure
sg-Single Grain
mass-Massive
cr-Crumb
gr-Granular
sbk-Subangular Blocky
abk-Angular Blocky
pl-Platy
pr-Prismatic

Structure Prefixes
w-weak
m-moderate
s-strong
f-fine
m-medium
c-coarse

Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence
Wet
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Classification
US-Unsuitable
PS-Provisionally Suitable
S-Suitable
NA-Not Applicable

Sketch of Soil Evaluation Locations

