Supervisor/Administrative Professional Checklist

New Septic [X] **New Well** [ ] **Use Existing** [ ] **Alteration** [ ] **Modified Plot Plan** [ ]

New Septic Fees Paid:

IP ($250.00) LE 2/4/16 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 [ ] ____

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. [ ] _____

MECKLENBURG COUNTY
HEALTH DEPARTMENT

X34599 5758B #8017

2 FEB '16 AM 9:32

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: 19936123
STREET ADDRESS: 14515 Roe Buck Meadow Ln
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME: the Sanctuary
LOT #: 166 LOT SIZE (acres): 6.744
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: 5705
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2
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 [1] CONVENTIONAL ☐ ACCEPTED [3] INNOVATIVE [2] 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?** 3/31/16 ☐ N/A

12. **PROPERTY OWNER:**

NAME: Roderick & Sheryl Tate
ADDRESS: 100 Forest Dr.
CITY: Kennett Square
STATE: PA ZIP: 19348
WORK PHONE: N/A
MOBILE PHONE: 302-379-5222
FAX: N/A
E-MAIL: rodtate18@gmail.com

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

NAME: Douglas McSpadden
ADDRESS: 548 Nautica Dr. # 201
CITY: Lake Wylie
STATE: SC ZIP: 29710
WORK PHONE: 704-825-7324
MOBILE PHONE: 704-361-0624
FAX: N/A
E-MAIL: dougm@mdcsys.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.

_____ (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.

Property Owner's or Owner's Legal Representative Signature

1/26/16
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: $ _____ 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

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.

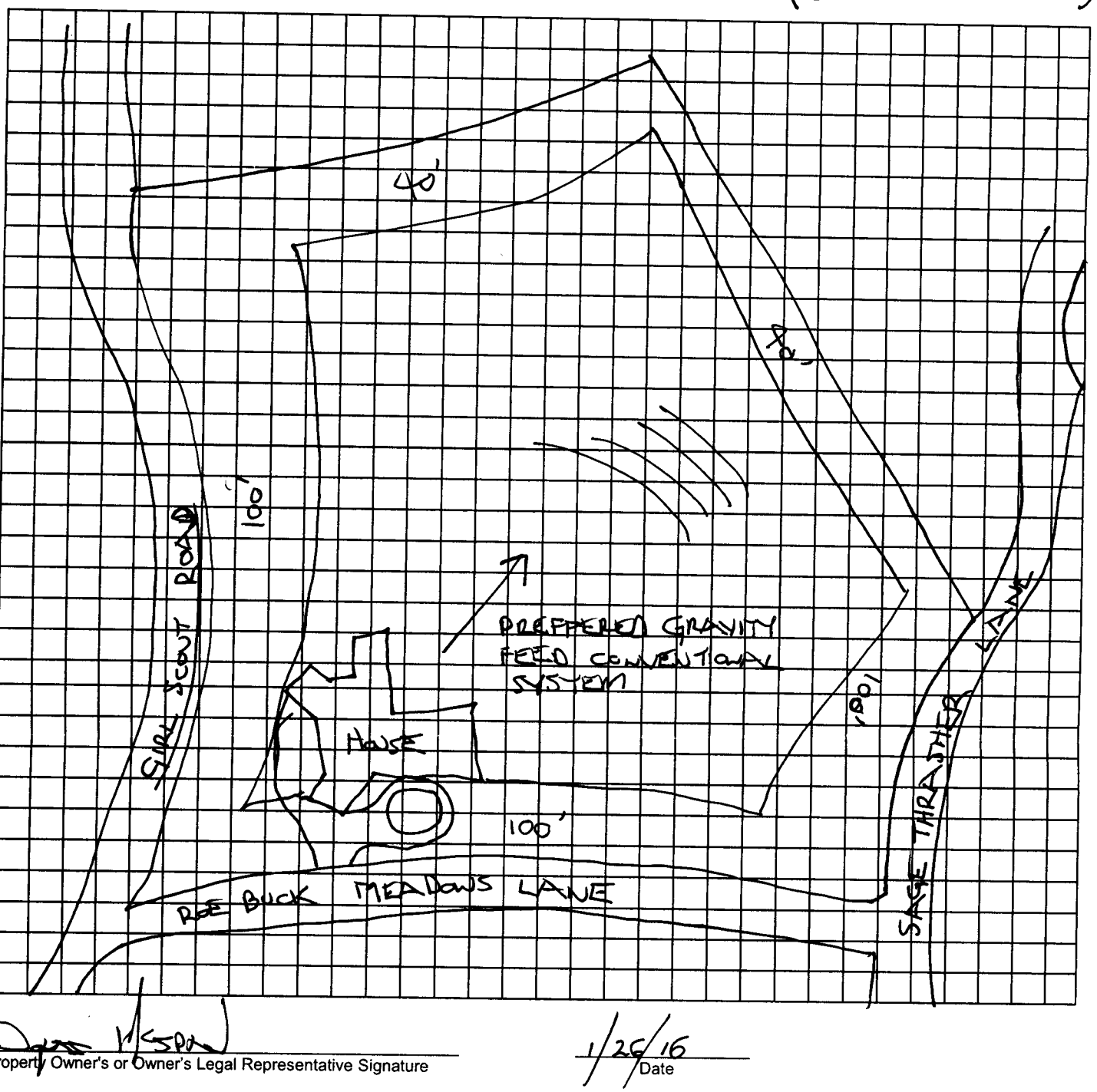
Street Address: 14515 Roe Buck Meadows Ln

Tax Parcel #: 19936123

Subdivision Name: the Sanctuary

Lot #: 1616

(SEE ATTACHED MAPS)



Property Owner's or Owner's Legal Representative Signature

1/26/16
Date

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
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 McSpadden Development Corp is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

14515 Roe Buck Meadow Ln, Charlotte
Number Street Town
(Or Parcel Number)

Sheryl S. Tate
Property Owner (print name)

Sheryl S. Tate
Property Owner (signature)

2/4/2016
Date

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 02/04/16
Receipt #: 97853
Check / Auth #: CHARGE
Received By: ELLISLW

Amount: 250.00
Tendered: 250.00
Returned: 0.00

Account Information

Account #: X34599
Contractor: MCSPADDEN DEVELOPMENT CORP
Attn:
Address: 548 NAUTICAL DRIVE
Address: SUITE 201
City/State/Zip: LAKE WYLIE, SC 29710

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 14515 ROE BUCK MEADOW LN		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
250.00					

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

Sheet: 1 of 2
Property ID: 199-361-23
Lot #: 166
File #: 5758B
AppID: 8017

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Roderick and Sheryl Tate
Address: 100 Forest Dr, Kennett Square, PA 19348
Proposed Facility: 4BR Home
Design Flow (.1949): 480 GPD
Location of Site: 14515 Roe Buck Meadow Ln Rd, Charlotte, NC 28278
Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [X] Municipal
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Douglas McSpadden
Date Evaluated: 2/11/2016
Property Size: 6.744
Property Recorded: Unknown

PROFILE #	(1940) Landscape Position/ Slope%	Horizon Depth (IN)	SOIL MORPHOLOGY (1941) (1941) Structure/ Texture	(1941) Consistence Mineralogy	PROFILE FACTORS (1942) Soil Wetness/ Color	(1943) Soil Depth (IN.)	(1956) Saprp Class	(1944) Restr. Horiz.	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Boring #1	LS 30%	0 - 6	gr SL	SS SP FR SEXP	2 chroma at 50"	54	NA	NA		**PS IV 0.25**	**27"**
		6 - 32	wfsbk SC	S P FR SEXP							
		32 - 54	wfsbk SCL	SS SP FR SEXP							
Boring #2	LS 28%	0 - 4	gr SL	SS SP FR SEXP	2 chroma at 27"	33	NA	NA		**US**	**NA**
		4 - 33	wfsbk SC	S P FR SEXP							
Boring #3	R 2%	0 - 4	gr SL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.3**	**36"**
		4 - 13	wfsbk SCL	S SP FR SEXP							
		13 - 48	wfsbk SC	SS SP FR SEXP							
Boring #4	R 2%	0 - 6	gr SL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.3**	**36"**
		6 - 48	wfsbk C	S P FR SEXP							
Boring #5	R 2%	0 - 5	gr SL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.3**	**36"**
		5 - 12	wfsbk SCL	S SP FR SEXP							
		12 - 48	wfsbk C	S P FR SEXP							

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

Only valid for area of Borings 3, 4, & 5.

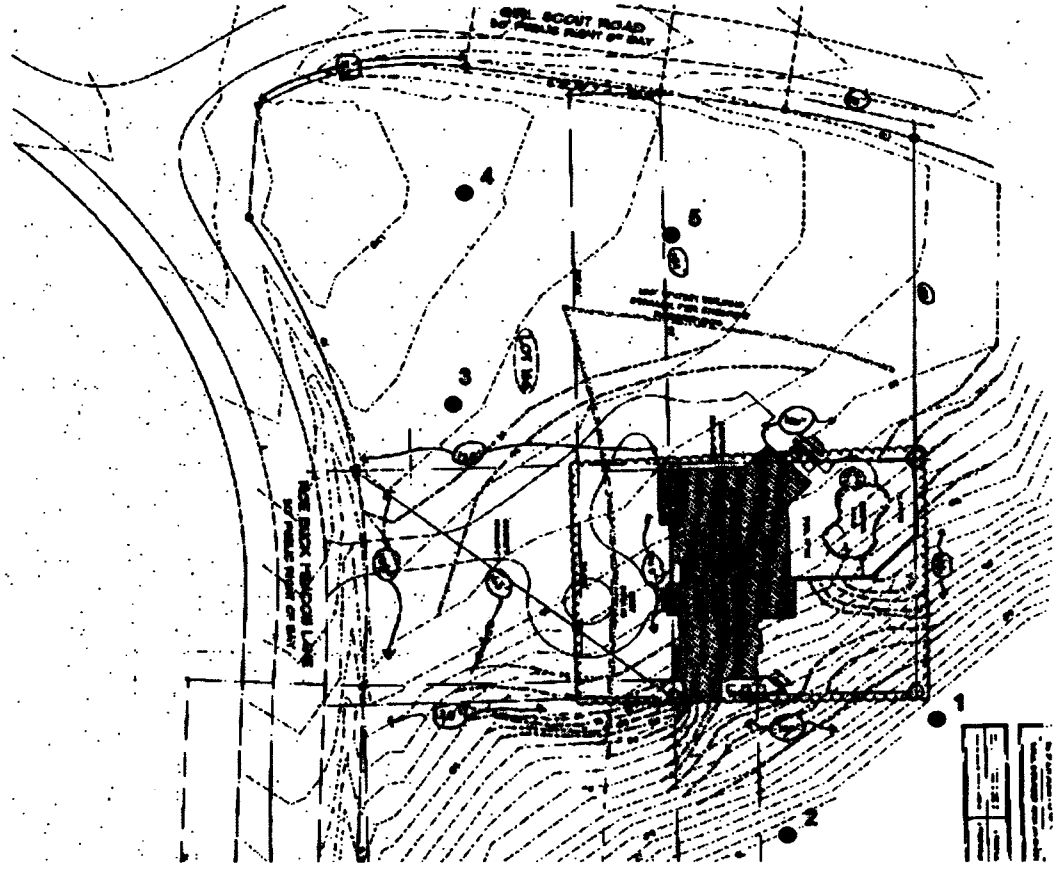
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, LSS, REHS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Bradley W Hallman
Others Present:

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				
FP-Flood Plain		CL-Clay Loam		**Structure Prefixes**
D-Drainage Way		SCL-Sandy Clay Loam		w-weak
		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



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

Sheet: 1 of 2
Property ID: 199-361-23
Lot #: 166
File #: 5758B
AppID: 8017

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Douglas McSpadden
Date Evaluated: 2/11/2016
Property Size: 6.744
Property Recorded: Unknown

Profile ID	Landscape Position/ Slope%	Horizon Depth (IN)	SOIL MORPHOLOGY .941 Structure/ Texture	SOIL MORPHOLOGY .941 Consistence/ Mineralogy	PROFILE FACTORS .942 Soil Wetness/ Color	.943 Soil Depth (IN)	.944 Soil Class	.945 Restr. Horiz.	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 36" Wide Conventional Trench
Boring #1	LS 30%	0 - 6	gr SL	SS SP FR SEXP	2 chroma at 50"	54	NA	NA		PS IV 0.25	27"
		6 - 32	wfsbk SC	S P FR SEXP							
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Boring #2	LS 28%	0 - 4	gr SL	SS SP FR SEXP	2 chroma at 27"	33	NA	NA		US	NA
		4 - 33	wfsbk SC	S P FR SEXP							
Boring #3	R 2%	0 - 4	gr SL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		4 - 13	wfsbk SCL	S SP FR SEXP							
		13 - 48	wfsbk SC	SS SP FR SEXP							
Boring #4	R 2%	0 - 6	gr SL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		6 - 48	wfsbk C	S P FR SEXP							
Boring #5	R 2%	0 - 5	gr SL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		5 - 12	wfsbk SCL	S SP FR SEXP							
		12 - 48	wfsbk C	S P FR SEXP							

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

Only valid for area of Borings 3, 4, & 5.

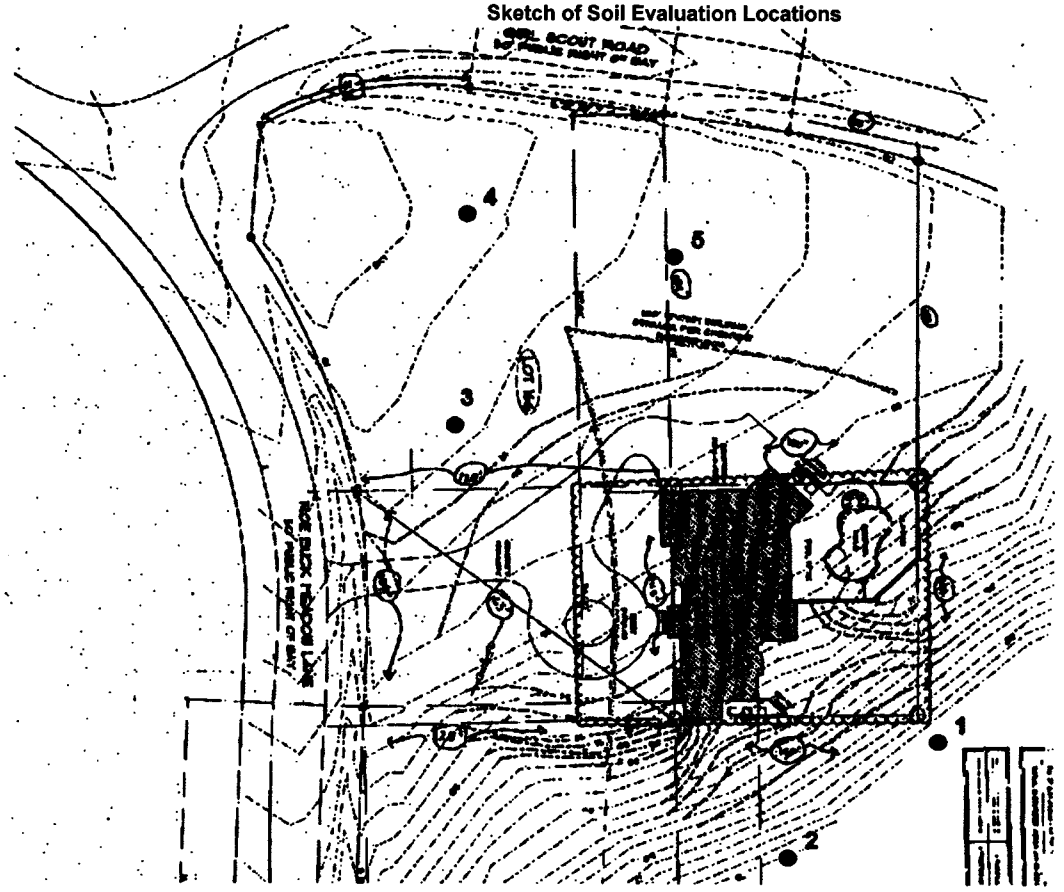
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, LSS, REHS
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:

Landscape Position	Group	Texture	.1955 LTAR	Structure
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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		
FP-Flood Plain		SCL-Sandy Clay Loam		**Structure Prefixes**
D-Drainage Way		SiL-Silt Loam		w-weak
				m-moderate
	IV	SC-Sandy Clay	0.4 - 0.1	s-strong
		SiC-Silty Clay		f-fine
		C-Clay		m-medium
				c-coarse

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



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 #: **30008017** GWS File #: **5758B** Tax Parcel #: **199-361-23**

- 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):** 3/10/2021

Type of Installation: Residential - New System Lot Number: 166

Structure Type: HOUSE Size (ft^2): 5705 # Bedrooms: 4 # Occupants: 2

Building Foundation: Basement With Plumbing Water Supply: Municipal

II. Initial System Type: Pump to Accepted **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: Pump to Accepted **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

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.

Authorized Agent: Brad Hallman Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 3/10/2016

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 #: **30008017** GWS File #: **5758B**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 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 repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- 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 25 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.
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Authorized Agent: Brad Hallman Owner/Legal Agent:_____
Print Name

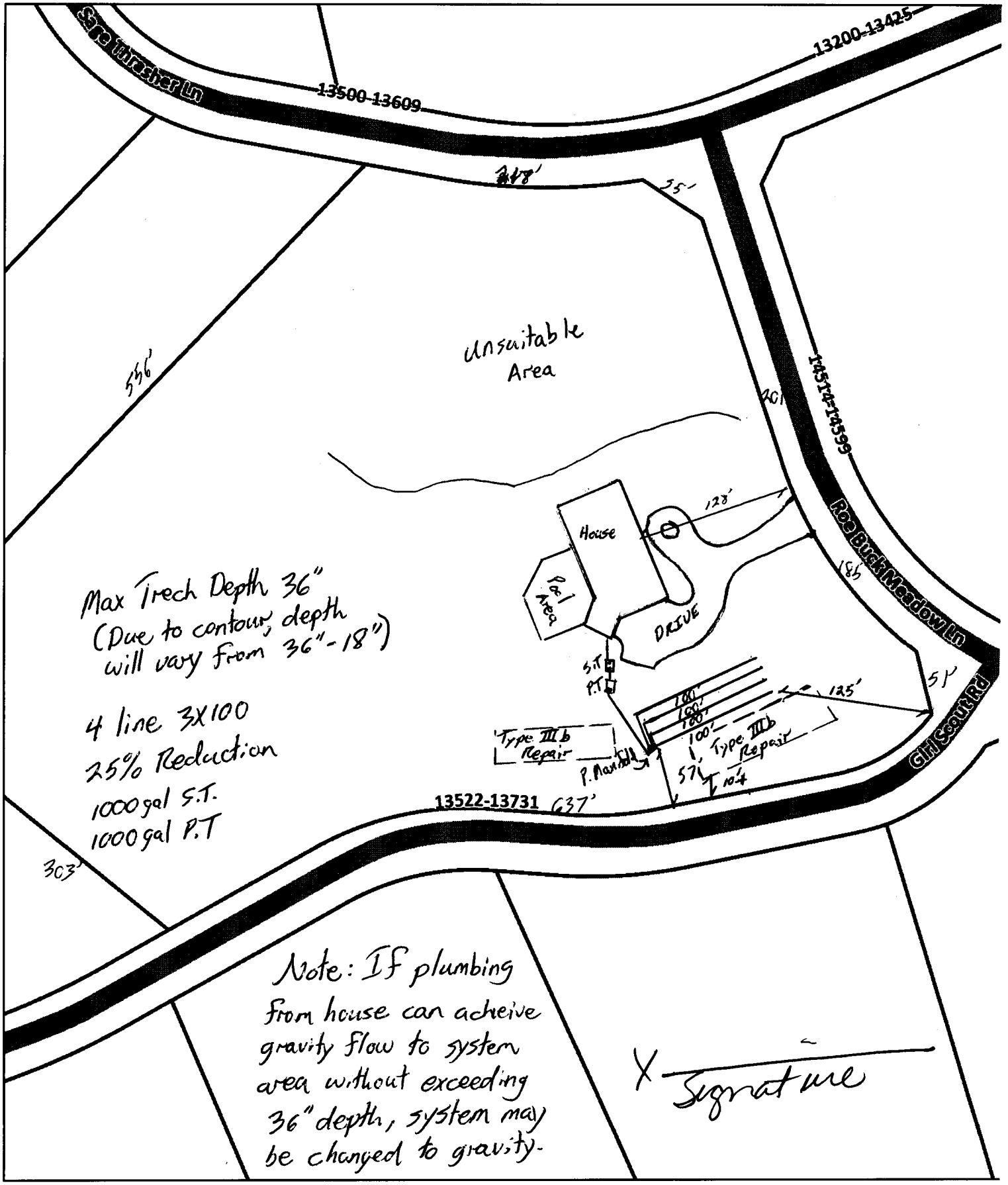
Signature:_____ Signature:_____

Date Issued: 3/10/2016

On-site Wastewater Improvement Permit Diagram

PARCEL #: 199-361-23

WAPSPS APPLICATION #: 8017



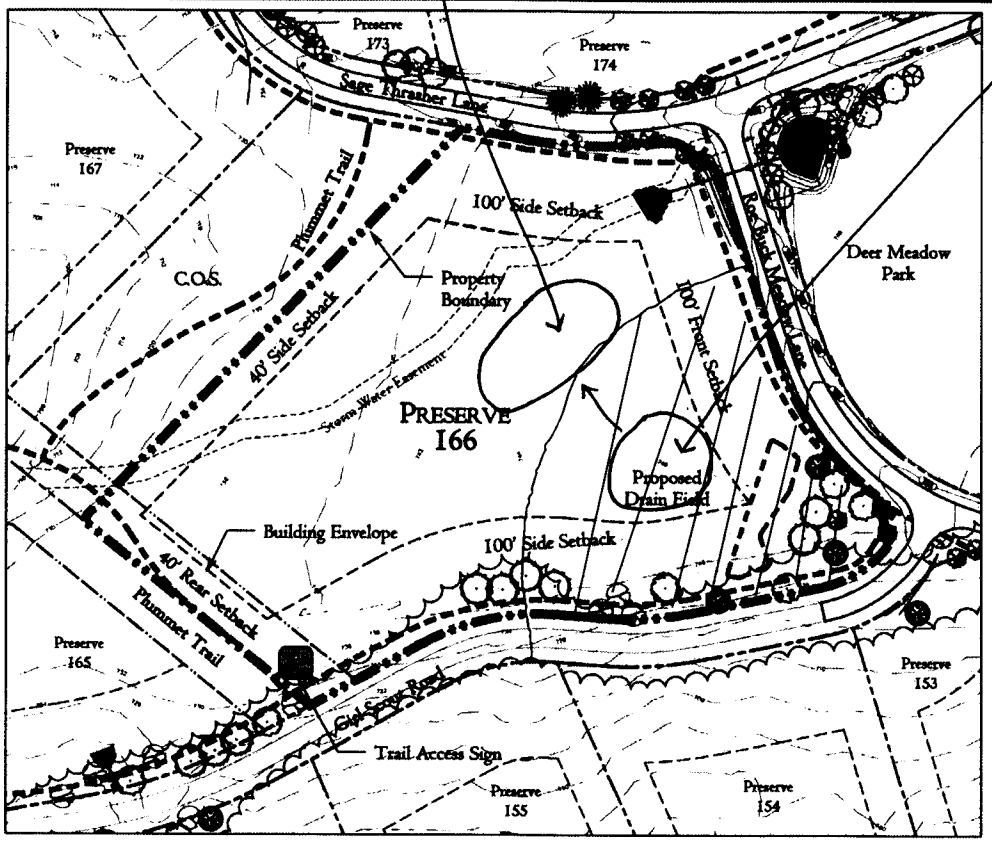
Map Created By: Bradley W Hallman

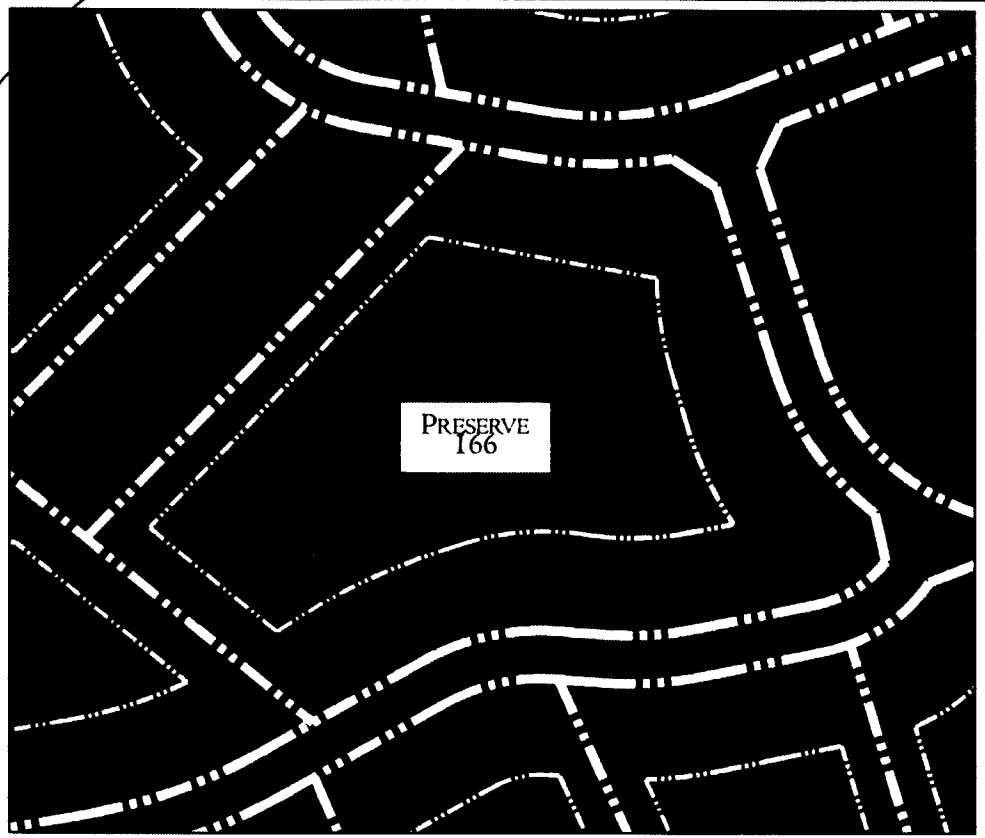
Map Created On: 3/10/16

0 50 100 200 Feet

PREFFERED LOCATION OF GRAVITY-FEED CONVENTIONAL SYSTEM

HOUSE LOCATION





Private Preserve 166

+/- 6.743 acres
(+/- 293,704 s.f.)

Building Area
+/- 142,984 Square Feet

February 15, 2005

0 100 200 300
graphic scale

Notes

* Max. impervious surface area is less than or equal to 12% (+/- 35,244 s.f.)
* No permanent stormwater treatment facilities are required, if:
  a) Total impervious area is less than or equal to 7% (+/- 20,559 s.f.)
  b) Total Denuded area is less than or equal to 15% (+/- 44,056 s.f.)
  c) Sq. footage subject to change based on final recorded plat.
* USGS topo shown (not field verified).
* 10' contours represented by darker dashed line.
* C.O.S. - Common Open Space
* Lot lines and setbacks subject to change.
* Refer to the Project Development Standards for additional information.
* Shoreline Impact Minimization Zone - No excavation or dredging may occur; no boat ramps may be constructed. Private docks are allowed if placement does not require dredging.
* Shoreline Environmental Designation - Private docks are allowed if placement does not require dredging.
* The drain field areas shown are intended to be approximate and have not been approved by the Mecklenburg County Health Department (MCHD). All information on the MCHD Improvement Permit will supercede this site illustration.
* All information is subject to change.
*We reserve the right to replace document with updated information.

* NOT FOR CONSTRUCTION, SALES, RECORDATION, OR CONVEYANCES.

Legend

Vegetation

- Deciduous Vegetation
- Evergreen Vegetation
- Deciduous Evergreen Mix
- Scattered Hardwoods

Slope

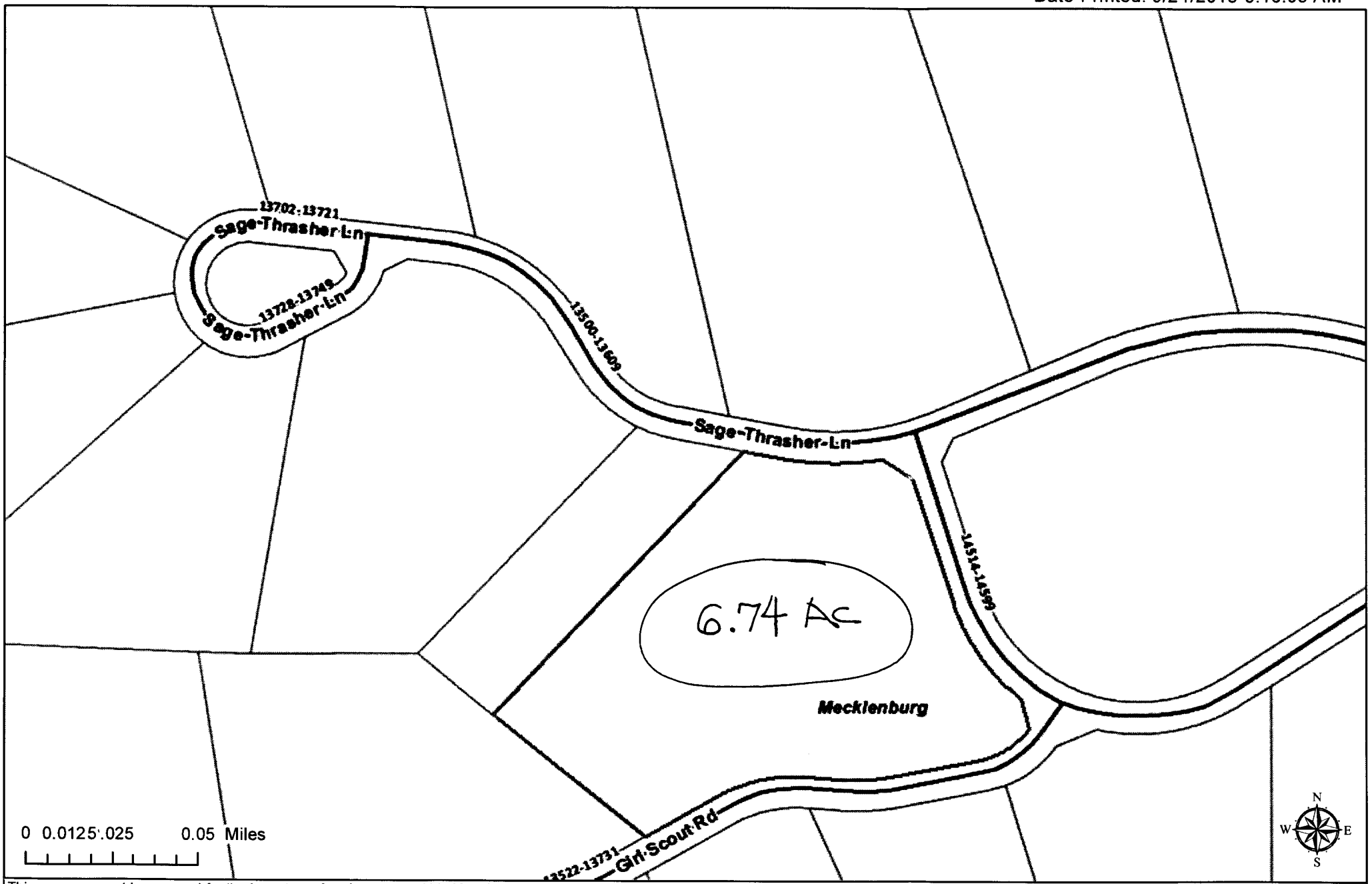
- 0 - 6%
- 6-14%
- 14-25%
- 25-35%
- 35% & Greater

Drain Field - Repair Area

Drain Field - Primary Area

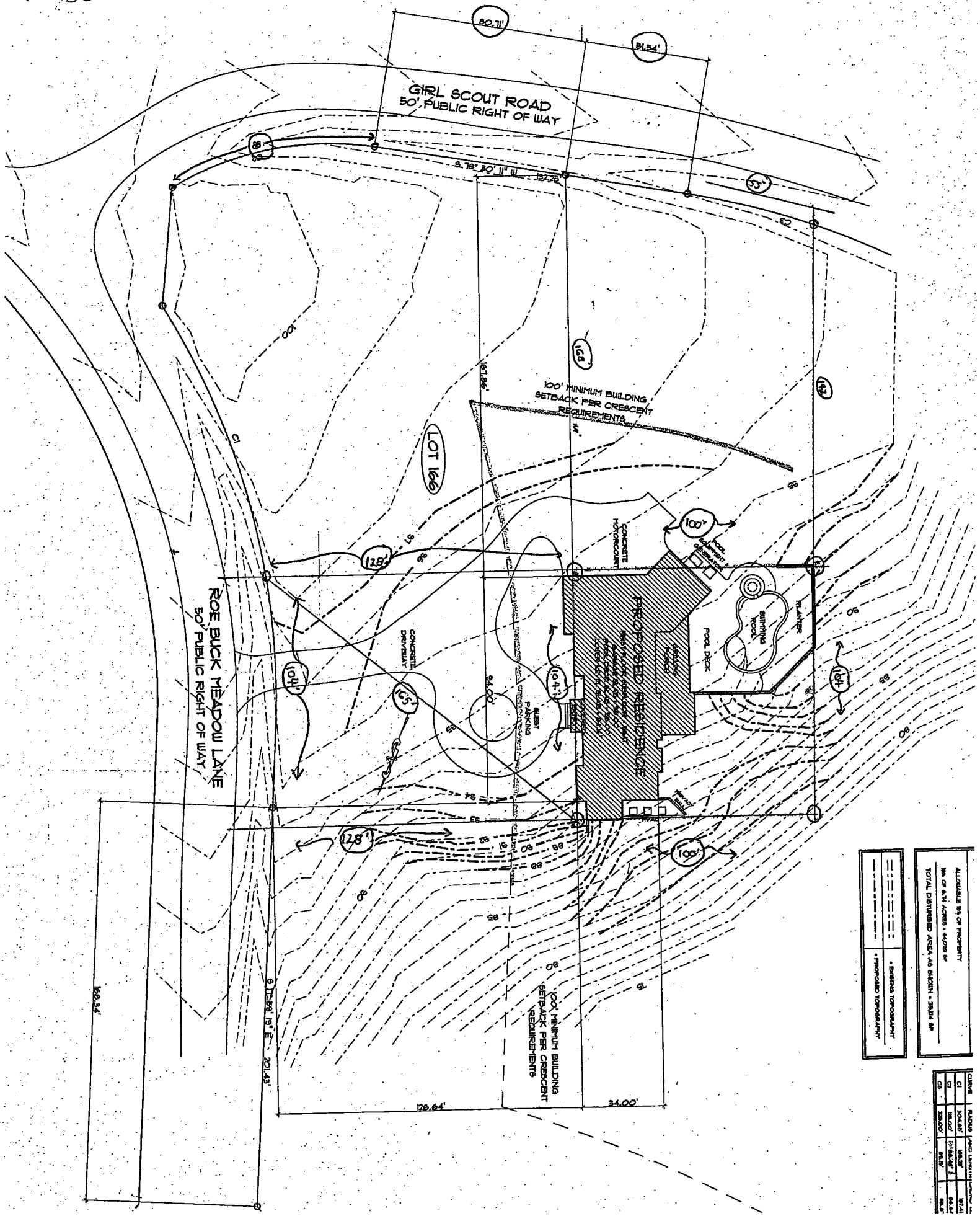
Polaris 3G Map – Mecklenburg County, North Carolina

Date Printed: 9/21/2015 9:16:03 AM



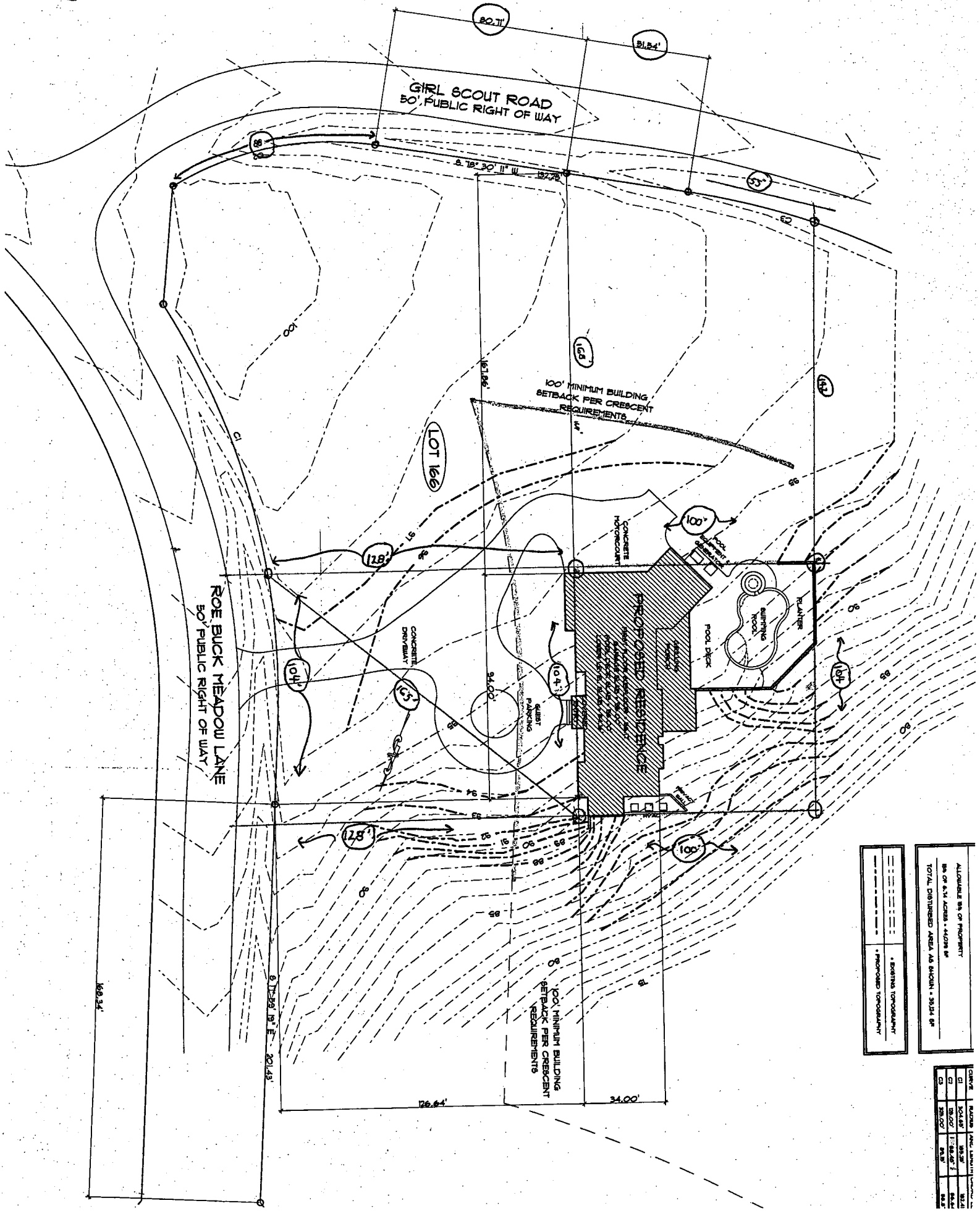
This map or report is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map or report are hereby notified that the aforementioned public primary information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

1" = 50'



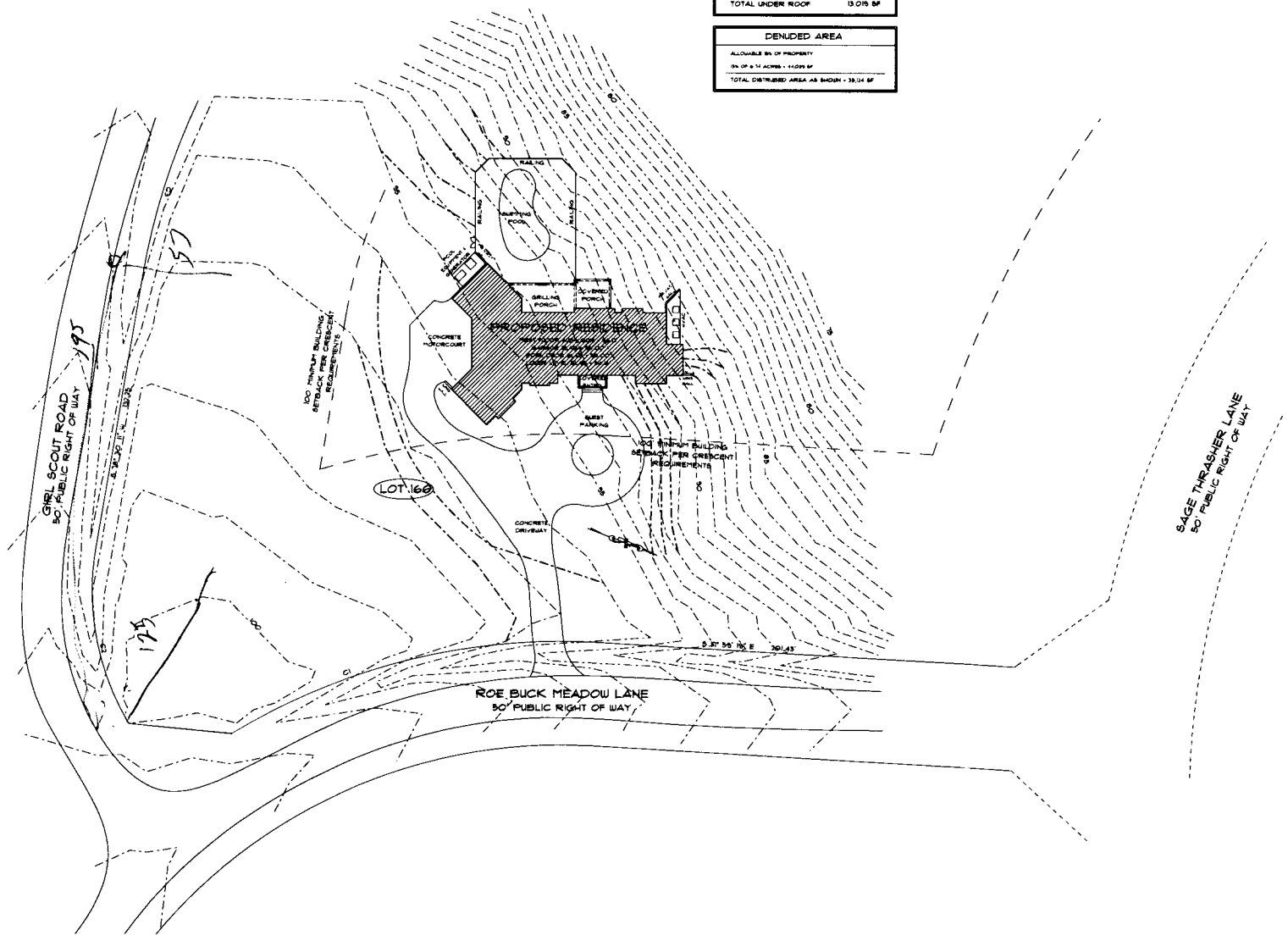
CURVE	RADIUS	ARC LENGTH
C1	304.85'	169.38'
C2	115.00'	97.86'
C3	330.00'	89.19'

1" = 50'


GIRL SCOUT ROAD
50' PUBLIC RIGHT OF WAY
80.71'
81.34'
S 78° 30' 11" W 132.78'
ROE BUCK MEADOW LANE
50' PUBLIC RIGHT OF WAY
LOT 166
100' MINIMUM BUILDING SETBACK PER CRESCENT REQUIREMENTS
PROPOSED RESIDENCE
CONCRETE MOTORCOURT
CONCRETE DRIVEWAY
GUEST PARKING
SWIMMING POOL
POOL DECK
PLANTER
POOL EQUIPMENT
ENTRY
TERRACE
128'
100'
104'
165'
94.00'
126.64'
34.00'
S 17° 35' 19" E 201.43'
169.34'
ALLOWABLE 15% OF PROPERTY
15% OF 9.74 ACRES = 44,079 SF
TOTAL DISTURBED AREA AS SHOWN = 39,124 SF
• EXISTING TOPOGRAPHY
• PROPOSED TOPOGRAPHY
CURVE
C1
C2
C3

IMPERVIOUS AREA	
HOUSE / GARAGE FOOTPRINT	4,142 SF
COVERED ENTRY	81 SF
COVERED PORCH	348 SF
GRILLING PORCH	382 SF
POOL DECK	3,091 SF
CONCRETE DRIVE	4,064 SF
MECHANICAL EQUIPMENT PAD	84 SF
TOTAL UNDER ROOF	13,015 SF

DENUDED AREA
ALLOWABLE 5% OF PROPERTY
5% OF 9.74 ACRES = 44,039 SF
TOTAL DISTURBED AREA AS SHOWN = 38,124 SF



SCALE: 1" = 20'

K&H RESIDENTIAL DESIGNS.COM
704-728-0505
N·C·B·D·C
ENGINEER:

THE TATE RESIDENCE

14515 ROE BUCK MEADOW LANE
THE SANCTUARY
CHARLOTTE, NORTH CAROLINA

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD & NOTIFY DESIGNER OF ANY DISCREPANCIES IMMEDIATELY.

MEMBER AIBD

PROJECT NO: 2015-613
DATE: 12/23/2015
REVISIONS:

DRAWN BY: R. PECK

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SHEET TITLE
SITE PLAN

02
SHEET 02 OF 8

Groundwater & Wastewater Services: Septic Project File & D

Finish Cancel

FileLeafRef *

GWS File #:

5758B

WASPS App #:

8017

Primary ES assigned to project:

Brad Hallman

Secondary ES assigned to project:

Project Type:

- (●) New System
- ( ) Alteration
- ( ) Repair
- ( ) Modified Plot Plan

Site Evaluation Information:
.1939(a)(1) - Topography and Landscape Position Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1940(a-g) - Slope % Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939(a)(2) - Texture Class Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939(a)(2) - Structure Type Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939 (a)(2) - Consistence Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939(a)(2) - Mineralogy Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939(a)(3) - Soil Wetness Condition Recorded?

- (●) Yes
- ( ) No
- ( ) N/A

Site Evaluation Information:
.1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?

- (●) Yes

○ No
○ N/A

Site Evaluation Information:
.1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?

○ Yes
○ No
● N/A

Site Evaluation Information:
.1939(a)(6) - Sufficient Available Space Recorded?

● Yes
○ No
○ N/A

Site Evaluation Information:
.1937(m) - Are the Profile Locations Shown?

● Yes
○ No
○ N/A

Site Evaluation Information:
.1939(a) - Are the S/PS Profiles in system & in repair area?

● Yes
○ No
○ N/A

Site Evaluation Information:
.1939(d), .1955, .1956, .1957 - LTAR

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937(g), 130A-336(a) - Proposed System Type stated - Initial

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1945(b) - Proposed System Type stated - Repair

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
130A-336(a)(3) - System location identifiable by setbacks - Initial

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937(g), .1945(b) - System components shown - Initial

● Yes
○ No
○ N/A

Information Permit/Construction Authorization:
.1945(b) - Repair area shown

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937(f)(g) - Does System design match facility, flow & WW characteristics?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937(f)(g) - Is System design consistent with soil/site conditions?

● Yes
○ No

○ N/A

Improvement Permit/Construction Authorization:
.1937(f)(g) - Is the System located in the approved area?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937 (g) - Trench depth correct?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.1937(g) - Trench width correct?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
.19379(g) - Trench length correct?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
130A-336(a)(1) - Proposed/existing well shown?

○ Yes
○ No
● N/A

Improvement Permit/Construction Authorization:
130A-336(a)(1) - Property line lengths shown?

● Yes
○ No
○ N/A

Improvement Permit/Construction Authorization:
130A-336(a) - Facility/appurtenance setbacks shown from fixed points?

● Yes
○ No
○ N/A

# of items requiring correction/modification:

0

Comments:

IA issued date:

OP Issued date:

Review performed by:

Jeremy Michael

Date performed:

3/11/2016

Finish Cancel