Supervisor/Administrative Professional Checklist.

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

New Septic Fees Paid

IP ($250.00) AQS 2/12/18 ____ Initials/Date

CA ($200.00) LE 7/23/18 ____ Initials/Date

OP ($200.00) LE 7/23/18 ____ Initials/Date

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

Wadrow 919-770-4415

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 7-24-18

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

Septic file completed. ☑ JAM 10/19/18 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. ☐ _____

Groundwater & Wastewater Services: Septic Project File & D

GWS File #:	9922B
WASPS App #:	9420
Primary ES assigned to project:	Jeremy Michelone
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?	N/A
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?	Yes

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:	10-16-18
Review performed by:	Jeremy Michael
Date performed:	3/27/2018

Created at 3/27/2018 9:15 AM by Michael, Jeremy
Last modified at 3/27/2018 9:15 AM by Michael, Jeremy

Close

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/12/18	**Amount:**	250.00
Receipt #:	109365	**Tendered:**	250.00
Check / Auth #:	CHECK 7701	**Returned:**	0.00
Received By:	ABDUSAI		

Account Information

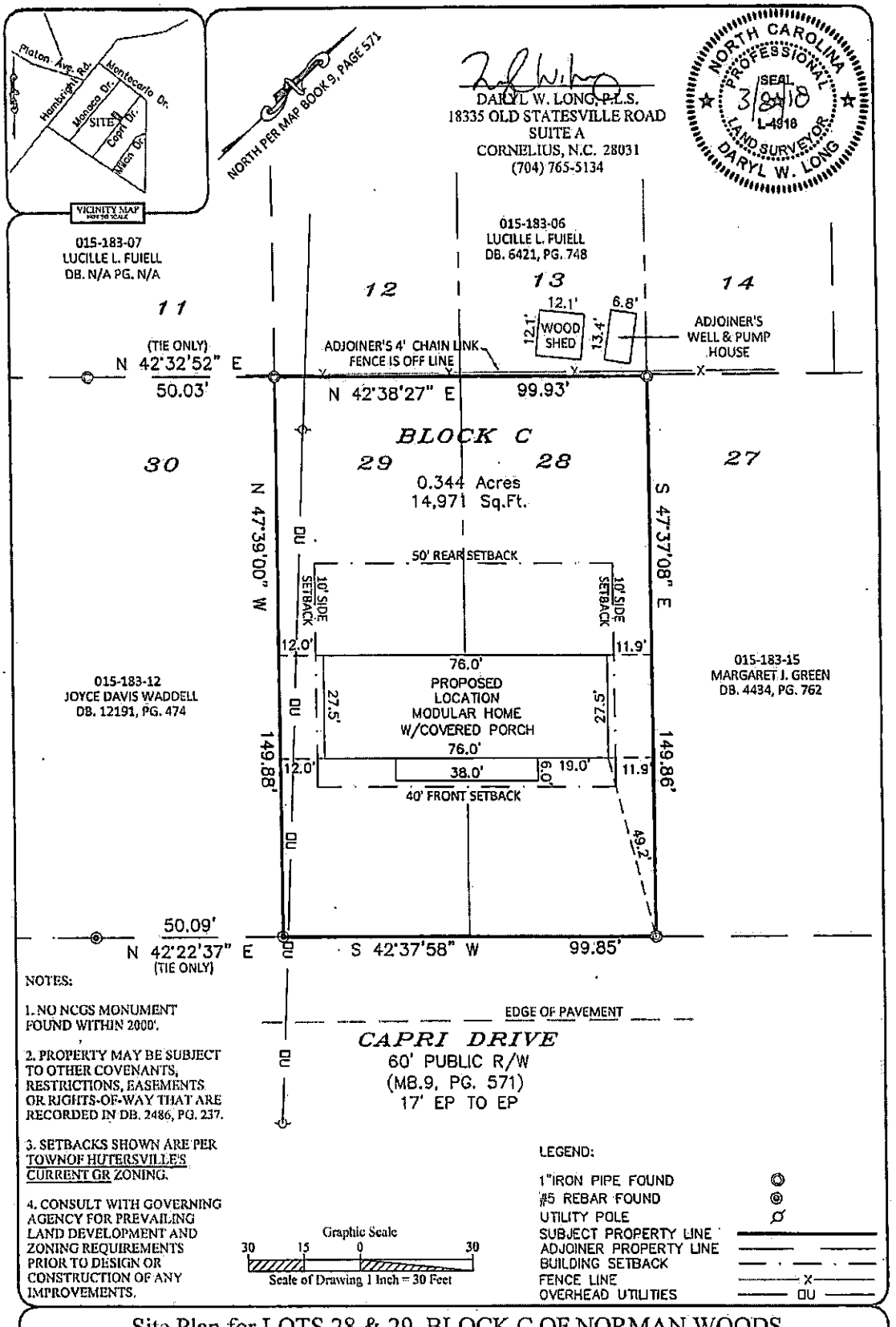
Account #: 200000
Contractor: TCC HOMES BY VANDERBUILT
Attn:
Address: 3300 JEFFERSON DAVIS HWY
Address:
City/State/Zip: SANFORD, NC 27332

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 7411 CAPRI DR.		1	250.00	250.00

Outstanding Balances

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

9922B 7411 Capri Drive



NOTES:

1. NO NCGS MONUMENT FOUND WITHIN 2000'.

2. PROPERTY MAY BE SUBJECT TO OTHER COVENANTS, RESTRICTIONS, EASEMENTS OR RIGHTS-OF-WAY THAT ARE RECORDED IN DB. 2486, PG. 237.

3. SETBACKS SHOWN ARE PER TOWN OF HUNTERSVILLE'S CURRENT GR ZONING.

4. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.

Graphic Scale
30 15 0 30
Scale of Drawing 1 Inch = 30 Feet

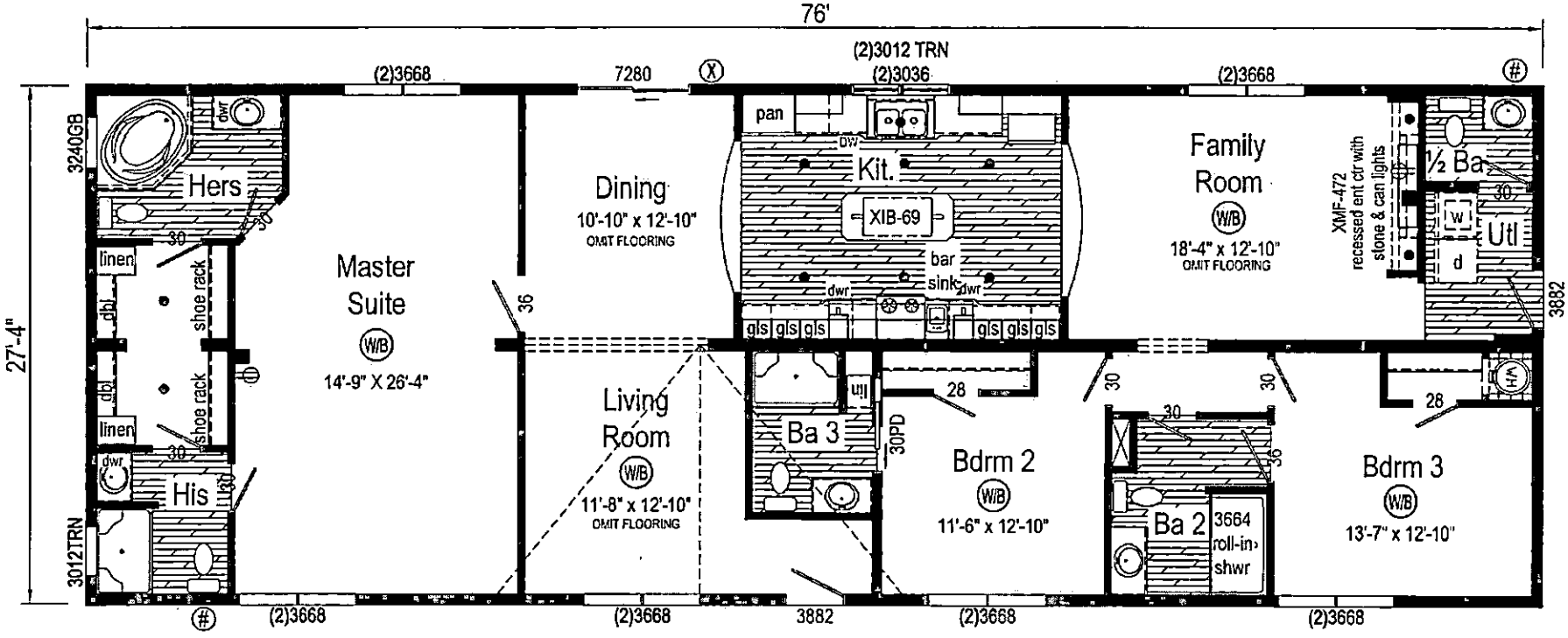
LEGEND:

1" IRON PIPE FOUND	◎
#5 REBAR FOUND	◉
UTILITY POLE	⌀
SUBJECT PROPERTY LINE	———
ADJOINER PROPERTY LINE	— — —
BUILDING SETBACK	— · — · —
FENCE LINE	——X——
OVERHEAD UTILITIES	——OU——

Site Plan for LOTS 28 & 29, BLOCK C OF NORMAN WOODS

Professional Property Surveyors, Inc. 18335 Old Statesville Road Ste. A Cornelius, N.C. 28031 704-765-5134 Phone/Fax Firm License: C-3666		Property of: REGINA S. MARTIN		As Recorded in: MB. 9, PG. 571 DB. 32395, PG. 123		Site Address: 7411 CAPRI DRIVE HUNTERSVILLE, NC 28078 MECKLENBURG COUNTY	
030118-05 Job No.	JEC Prepared By	≥ 1:10,000 Error of Closure	1"=30' Drawing Scale	015-183-14 Tax Parcel Number	7411 CAPRI Drawing File Name	1 of 1 Sheet Number	03/08/2018 Date

NOTE: This home may require wall bracing tie-downs depending on wind/seismic design. Please refer to the permit set for tie-down loads and locations if applicable. Some areas of the exterior wall sheathing may be shipped loose to allow access for tie-down installation. All tie-down designs are by others.



LEGEND

PRELIMINARY ELECTRICAL ONLY. SUBJECT TO CHANGE UPON ENGINEERING AND CODE REQUIREMENTS.

REVISED
By sgodfrey at 12:56 pm, 1/19/18

HOME CANNOT BE BUILT UNTIL THE CUSTOMER HAS SIGNED OFF ON ALL PAGES. FOLLOWING CUSTOMER SIGN OFF, PLANS AND SPECS WILL BE SENT TO 3RD PARTY FOR STAMPED APPROVAL. ANY CHANGES AFTER SIGNOFF WILL RESULT IN A MINIMUM $600.00 ENGINEERING FEE.

Home Owner: _____ Date: _____

_____ Date: _____

Retailer: _____ Date: _____

RB643-A1 2876 Approx. 2077 Sq. Ft.

Builder: R-Anell Housing Group, LLC - Subsidiary of The Commodore Corp.	Callout: 2876	Revisions: Date / Number	Scale: 1/8" = 1'-0"	Date: 12/29/2017	Cust: MARTIN	Model/Eng. No.: RB643-A1
Title: Literature			Drawn By: SG	Reference: VR219/RB642	Dlr: HBV S/N: .	Pg.: LIT

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/23/18	**Amount:**	200.00
Receipt #:	112159	**Tendered:**	200.00
Check / Auth #:	CASH	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: 200000
Contractor: ISAAC, WOODROW
Attn:
Address: 208 WALL AVE
Address:
City/State/Zip: HOFFMAN, NC 28347

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 7411 CAPRI DR		1	200.00	200.00

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

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/23/18	**Amount:**	200.00
Receipt #:	112161	**Tendered:**	200.00
Check / Auth #:	CASH	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: 200000
Contractor: ISAAC, WOODROW
Attn:
Address: 208 WALL AVE
Address:
City/State/Zip: HOFFMAN, NC 28347

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat CAPRI DR		1	200.00	200.00

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

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

12 FEB '18 PM 3:31

9922B
#9420

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: 01518314
STREET ADDRESS: 7411 Capri Dr.
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME: _____
LOT #: _____ LOT SIZE (acres): _____
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: 2077
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 1
FOUNDATION TYPE:
○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☒ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ○ MUNICIPAL ☒ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ○ POTABLE (DRINKING WATER) ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:
☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ☒ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ☒ NO	JURISDICTIONAL WETLANDS	○ YES ☒ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ☒ NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ☒ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ☒ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ☒ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ☒ NO
WASTE STORAGE	○ YES ☒ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ☒ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____ ☒ UNKNOWN

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

12. PROPERTY OWNER:
NAME: Regina Martin
ADDRESS: 5625 Kimmerly Woods Dr.
CITY: Charlotte
STATE: NC ZIP: 28215
WORK PHONE: _____
MOBILE PHONE: 704 960-6658
FAX: _____
E-MAIL: Vanderbuilt Homes 919-718-2760
KevinC @ NCModulars.Com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

Woody Hbr @ Hotmail .Com

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. RM (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

2-11-18
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

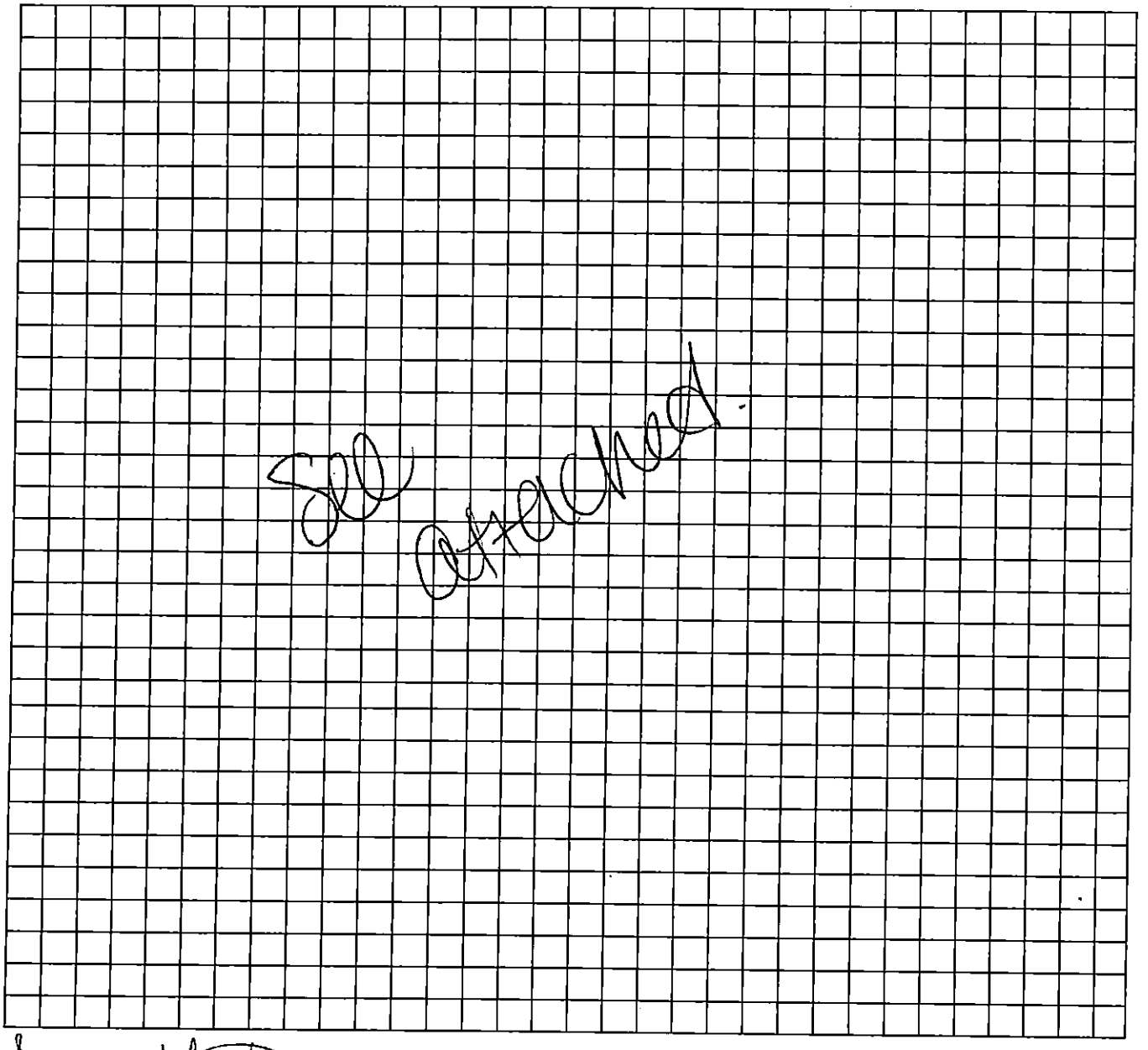
File #: _____

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 #: _____

Subdivision Name: _____ Lot #: _____



Regina Martin
Property Owner's or Owner's Legal Representative Signature

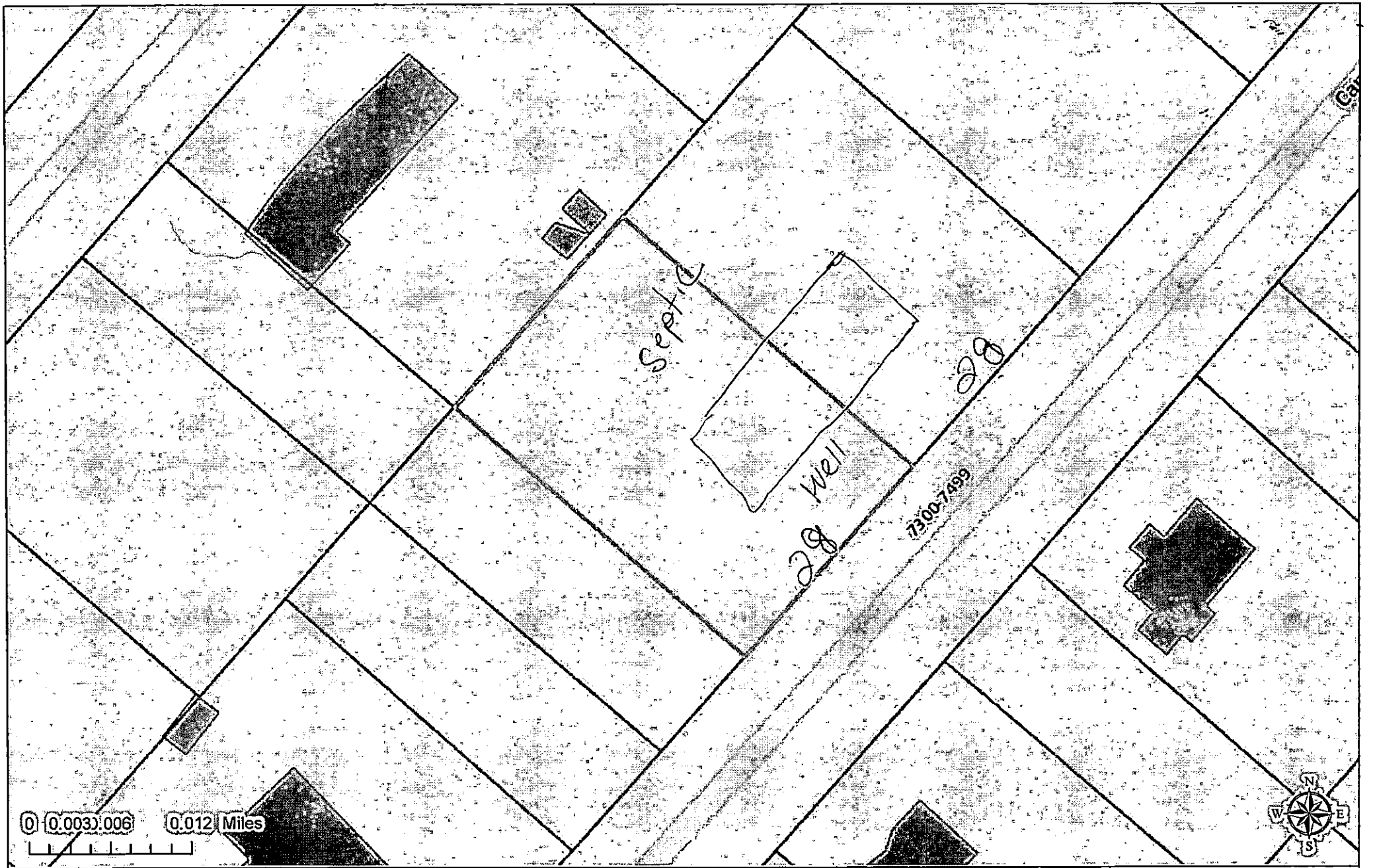
2-11-18
Date

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

Polaris 3G Map – Mecklenburg County, North Carolina

Date Printed: 2/12/2018 1:44:11 PM



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.

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

Sheet: 1 of 2
Property ID: 015-183-14
Lot #: NA
File #: 9922B
AppID: 9420

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: Regina Martin
Applicant: owner
Address: 5625 Kimmerly Woods Dr, Carlotte, NC 28215
Date Evaluated: 2/22/2018
Proposed Facility: 3 Bedroom House
Design Flow (.1949): 360 GPD
Property Size: 0.34 ac
Location of Site: 7411 Capri Dr, Huntersville, NC 28078
Property Recorded: Unknown
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Municipal
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.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	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 7	sbk CL	S P FR SEXP							
		7 - 44	sbk C	S P FR SEXP							
		44 - 48	sbk CL	SS SP FR SEXP							
Boring #2	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 9	sbk CL	S P FR SEXP							
		9 - 35	sbk C	S P FR SEXP							
		35 - 48	sbk CL	SS SP FR SEXP							
Boring #3	LS 2%	0 - 3	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		3 - 10	sbk CL	S P FR SEXP							
		10 - 36	sbk C	S P FR SEXP							
		36 - 48	sbk CL	SS SP FR SEXP							
Boring #4	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 8	sbk CL	S P FR SEXP							
		8 - 37	sbk C	S P FR SEXP							
		37 - 48	sbk CL	SS SP FR SEXP							
Boring #5	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA	saprolite inclusions 40 - 48"	PS IV 0.3	36"
		2 - 9	sbk CL	S P FR SEXP							
		9 - 32	sbk C	S P FR SEXP							
		32 - 48	sbk CL	SS SP FR SEXP							

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

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

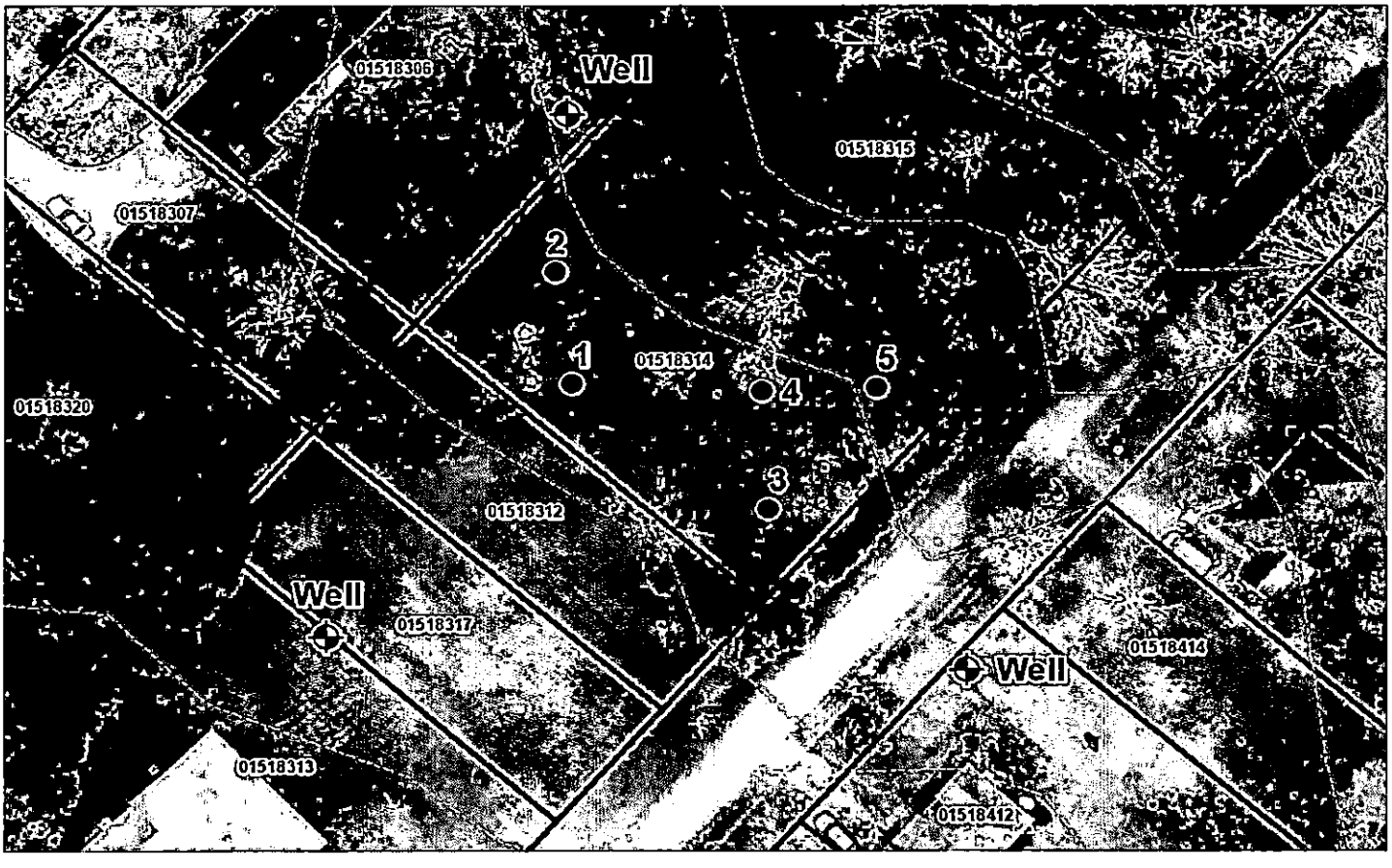
COMMENTS:

Sheet: 2 of 2
File #: 9922B
AppID: 9420

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

Consistence	Consistence	Mineralogy
Moist	**Wet**	SEXP-Slightly Expansive
VFR-Very Friable	SS-Slightly Sticky	EXP-Expansive
FR-Friable	S-Sticky	
FI-Firm	VS-Very Sticky	**Classification**
VFI-Very Firm	NP-Non-Plastic	US-Unsuitable
EFI-Extremely Firm	SP-Slightly Plastic	PS-Provisionally Suitable
	P-Plastic	S-Suitable
	VP-Very Plastic	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: 015-183-14
Lot #: NA
File #: 9922B
AppID: 9420

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: Regina Martin
Applicant: owner
Address: 5625 Kimmerly Woods Dr, Carlotte, NC 28215
Date Evaluated: 2/22/2018
Proposed Facility: 3 Bedroom House
Design Flow (.1949): 360 GPD
Property Size: 0.34 ac
Location of Site: 7411 Capri Dr, Huntersville, NC 28078
Property Recorded: Unknown
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Municipal
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		PROFILE FACTORS b				General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz			
Boring #1	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 7	sbk CL	S P FR SEXP							
		7 - 44	sbk C	S P FR SEXP							
		44 - 48	sbk CL	SS SP FR SEXP							
Boring #2	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 9	sbk CL	S P FR SEXP							
		9 - 35	sbk C	S P FR SEXP							
		35 - 48	sbk CL	SS SP FR SEXP							
Boring #3	LS 2%	0 - 3	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		3 - 10	sbk CL	S P FR SEXP							
		10 - 36	sbk C	S P FR SEXP							
		36 - 48	sbk CL	SS SP FR SEXP							
Boring #4	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	36"
		2 - 8	sbk CL	S P FR SEXP							
		8 - 37	sbk C	S P FR SEXP							
		37 - 48	sbk CL	SS SP FR SEXP							
Boring #5	LS 2%	0 - 2	gr CL	SS SP FR SEXP	>48"	48	NA	NA	saprolite inclusions 40 - 48"	PS IV 0.3	36"
		2 - 9	sbk CL	S P FR SEXP							
		9 - 32	sbk C	S P FR SEXP							
		32 - 48	sbk CL	SS SP FR SEXP							

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

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

Jeremy Michelone REHS

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

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

Sketch of Soil Evaluation Locations



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 for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30009420** GWS File #: **9922B** Tax Parcel #: **015-183-14**

- 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):** 3/26/2023

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

Structure Type: MODULAR HOME Size (ft^2): 2077 # Bedrooms: 3 Max. Occup.: 6

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Accepted **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A		
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	900	Total Trench Length (ft):	300		
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box				

III. Repair System Type: PPBPS (gravity) **System Classification:** N/A

Repair System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A		
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	600	Total Trench Length (ft):	200		
Maximum Trench Depth (in):	30	Depth of Media (in):	0	Distribution Device:	Distribution Box				

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: Jeremy Michelone Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 3/26/2018

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 for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30009420** GWS File #: **9922B**

IV. Permit Conditions/Comments:

- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- 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.
- The invert of the sewer pipe exiting the structrue should be kept as high as possible in order to achieve gravity flow to the drain field. A dosing tank will be required if gravity flow to the drain field can not be achieved.
- 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.
- All utilities must be ran along either side of the property line as close to the property line as possible.

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: Jeremy Michelone

Signature: Jeremy Michelone

Date Issued: 3/26/2018

Owner/Legal Agent: [redacted]

Print Name

Signature: [redacted]

FEE: 200.00
DATE: 7/24/2018

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

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 9922B

PERMIT NUMBER: 30009420

PARCEL NUMBER: 01518314

JOB LOCATION INFORMATION

ADDRESS: 7411 CAPRI DR

CITY: HUNTERSVILLE **STATE: NC** **ZIP:** 28078

ISSUED TO: REGINA MARTIN

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 7/24/2018

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30009420, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

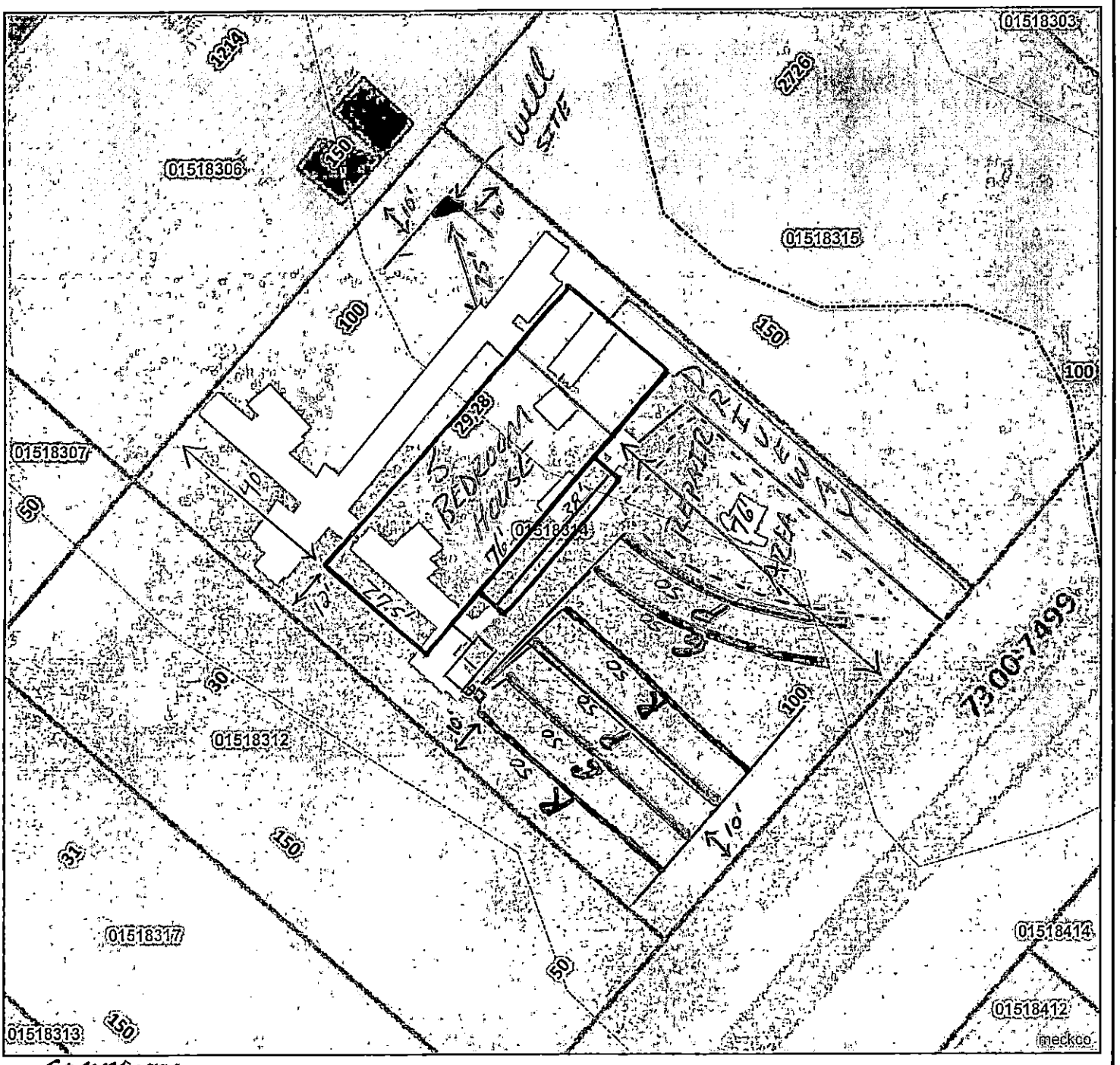
3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature Tony Mack C. Potts

7411 CAPRI DRIVE

On-site Wastewater Improvement Permit Diagram



COMMENTS:

→ 3 BEDROOM HOUSE
→ 100% Repair Not Required
→ 1000 Septic Tank
→ Install 6 lines x 50' x 3' (300 TLF)
→ Type IIIg 25% Reduction System

Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 9420
PID #: 015-183-14
File #: 99228

* House must be located 76' OFF THE FRONT Property line, not including the front porch.

Authorized Agent: [signature] Date: 3/26/18

Owner/ Legal Agent: _____ Date: _____

1 inch = 30 feet

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

Septic System Pre-Construction Meeting Checklist

File # 9922B App # 9420 Tax Parcel # 015-183-14

Property Owner: Regina Martin

Job Location Address: 7411 Capri Drive

City: Huntersville State: NC Zip Code: 28078

1. **Does System design match facility, flow & wastewater characteristics?**

   ☒ YES ☐ NO

   Comments: _____

2. **Is there sufficient available space for the septic systems initial and repair areas?**

   ☒ YES ☐ NO

   Comments: _____

3. **Can the septic system be installed per the permit conditions and drawing on file?**

   ☒ YES ☐ NO

   Comments: _____

* If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☐ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. System shall not be installed while soils are in wet condition.

Authorized Agent — Date: 10/16/18

Others Present: Arlington Cornelius

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

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

File #: 99218 Permit #: 9420 Tax Parcel #: 015-183-14

Property Owner: Regina Martin

Job Location Address: 7411 Capri Drive

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 10/16/18 **Contractor Name:** Arlington Cancles

Permitted Design Flow: 360 GPD Liquid Capacity of Dosing Tank: — gallons

Liquid Capacity of Septic Tank: 1000 gallons Manufacture Dellmark Effluent Pump Model: —

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet

# of Lines: 6 @ 50 feet

Depth of Media: 12 inches (Type) IQ4W

Depth of Cover: 18 inches

Distribution Device: D-Box

Bed Installation (For Repair Installations ONLY) ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 9' feet

Distance from Property Line: 12' feet

Distance from Water Supply Source: 750' feet

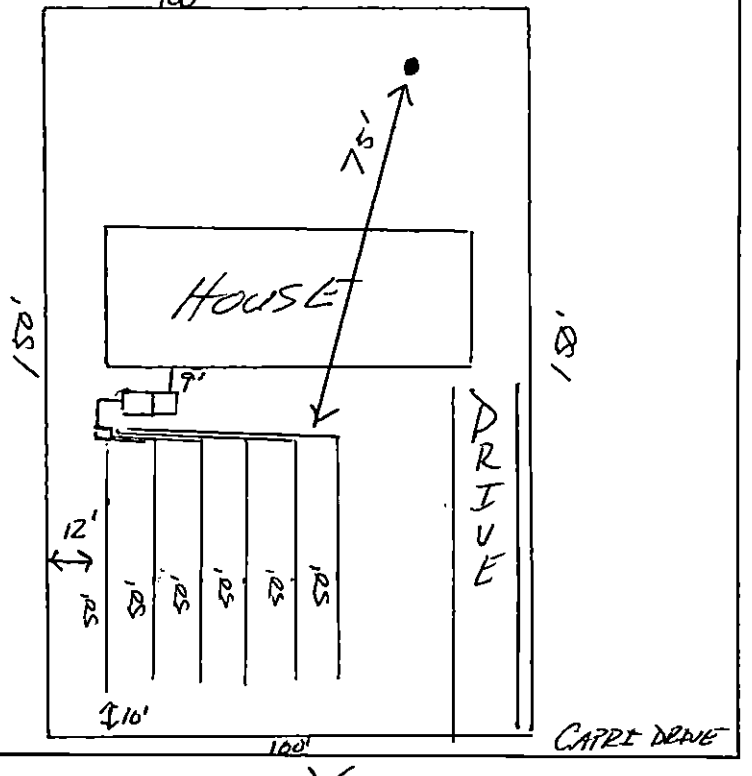
Inspection Dates

Tank(s) Inspected: 10/16/18

Excavation Inspected: 10/16/18

Pump & Controls Inspected: —

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operated properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments" This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIg, IQ4W, Gravity, NA, NA

DENR Authorized Agent: Jeremy Mickelson, REHS Signature: Jeremy Mickelson, REHS

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

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 99228 Permit #: 9420 Tax Parcel #: 015-183-14

Property Owner: Regina Martin

Job Location Address: 7411 Capri Drive

City: Huntersville State: NC Zip Code: 28078

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Jeremy Mickley REHS Date: 10/16/18

Signature: Jeremy Mickley REHS