Supervisor/Administrative Professional Checklist

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

New Septic Fees Paid:

IP ($250.00) KW 11/28/16 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

Fix complete BS
CA needs to be generated for 10/31/18

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
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	11/28/16	**Amount:**	250.00
Receipt #:	102630	**Tendered:**	250.00
Check / Auth #:	CASH	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: 200000
Contractor: CLAROS, JONAS AGUIRRE
Attn:
Address: 8755 DIXIE RIVER ROAD
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 8755 DIXIE RIVER ROAD		1	250.00	250.00

Could not locate original file.

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
70.00					

9620B #8768

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATEP SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ○ IEW SYSTEM ◉ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ○ N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 11319213
STREET ADDRESS: 8755 Dixie River Rd.
CITY: Charlotte
STATE: NC ZIP: 28278
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: 5,700
NUMBER OF BEDROOMS: 6 4 JAC.
NUMBER OF OCCUPANTS: 10
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: Jonas Aguirre Claros
ADDRESS: 8755 Dixie River Rd.
CITY: Charlotte
STATE: NC ZIP: 28278
WORK PHONE: 704-919-7953
MOBILE PHONE: 704-919-7953
FAX: _____
E-MAIL: TonyHernandez10.th@gmail.com

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

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. JAC. (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.

Jonni L Lowe
Property Owner's or Owner's Legal Representative Signature

8-21-17
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: _____

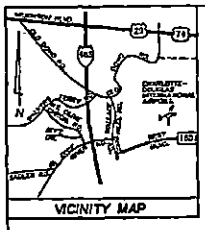
COMMENTS:

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

MAP BOOK 660 PAGE 687

#20170215940



I, Tiffany F. Myers, NOTARY PUBLIC OF MECKLENBURG COUNTY CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

NOTARY PUBLIC 2/6/2017

CHRISTOPHER M. TURNER
D.B. 21941 PAGE 678

FILED FOR REGISTRATION
FEB 06 2017
AT 3:15:01 PM

D.B. 29739 PAGE 892

N44°00'04"E 400.21'

SADLER ROAD
N65°14'46"W
30' MAINTAINED RIGHT OF WAY 215.91'

LOT 1

86,947 Sq Ft
2.00 Ac.

LOT 2

DIXIE RIVER PDO LLC & DIXIE RIVER ALO LLC
D.B. 30227 PAGE 810

307.00'(total)

S39°54'13"E

S67°45'
S62°19'30"W

S63°14'30"W

DIXIE RIVER ROAD
40' MAINTAINED RIGHT OF WAY
260.66'

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

SYMBOL LEGEND

PP	POWER POLE
LP	LIGHT POLE
E	ELECTRIC LINE
FENCE	FENCE LINE
WM	WELL HOUSE
E.I.P.	EXISTING IRON PIPE
N.I.P.	NEW IRON PIPE

NOTES:
PARCEL ID 213-133-13, 14.
ZONING OF SUBJECT PROPERTY: R-3
FRONT SETBACK 30'
SIDE YARD 8'
REAR YARD 40'
MIN. LOT WIDTH 70'
NO A.G.S.A. MONUMENT WITHIN 2000 FEET OF PROPERTY.
THE PURPOSE OF THIS SURVEY PLAT IS TO RECOMBINE LOT 1 AND 2 INTO A SINGLE PARCEL.
THIS PLAT WAS PREVIOUSLY RECORDED IN BOOK 59 AT PAGE 98.
THIS PLAT SUPERSEDES ALL DEED PREVIOUSLY RECORDED PLATS OF THIS PROPERTY.

RECOMBINATION PLAT
FOR
THE CLAROS PROPERTY
OWNER: JONAS AGUIRRE CLAROS
D.B. 29739 PAGE 892
86,947 Sq Ft
2.00 Ac.
NORTH CAROLINA
BERRYHILL TOWNSHIP
MECKLENBURG COUNTY

NORTH CAROLINA PROFESSIONAL SEAL L-4897 SURVEYOR JACK R. CHRISTIAN

JACK R. CHRISTIAN + ASSOCIATES
-SURVEYING-
PHONE (704) 536-2216 FAX (704) 376-2338
7213 OLD CONCORD RD. CHARLOTTE, NORTH CAROLINA 28213

RECOMBINATION JANUARY 24, 2017

FEBRUARY 4, 2016	D.B.	CHECKED BY	JRC	JAC #
SCALE	1"=30'	FILE NAME		TAX
DRAWN BY		DATE		6377

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

Sheet: 1 of 3
Property ID: 113-192-13
Lot #: NA
File #: 9620B
AppID: 8606

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Jonas Aguirre Claros
Applicant: owner
Address: 8701 Dixie River Rd, Charlotte, NC 28278
Date Evaluated: 12/19/2016 & 1/19/2017
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Property Size: 2 ac
Location of Site: 8701 Dixie River Rd, Charlotte, NC 28278
Property Recorded: Unknown
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Municipal
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .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 8%	0 - 35	sbk C	S P FR SEXP							
		35 - 51	sbk CL	SS SP FR SEXP	>51"	51	NA	NA		PS IV 0.3	36"
Boring #2	LS 6%	0 - 12	gr SCL	SS SP FR SEXP							
		12 - 50	sbk C	S P FI SEXP	>46"	46	NA	NA		PS IV 0.3	36"
Boring #3	LS 9%	0 - 12	gr SCL	SS SP FR SEXP							
		12 - 32	sbk C	S P FR SEXP	>51"	51	NA	NA		PS IV 0.3	36"
		32 - 51	sbk CL	SS SP FR SEXP							
Boring #4	LS 11%	0 - 48	Fill		>48"	0	NA	NA		US	NA
Pit #A	LS 7%	0 - 48	Fill		>48"	0	NA	NA		US	NA
Pit #B	HS 4%	0 - 48	Fill		>48"	0	NA	NA		US	NA
Pit #C	HS 4%	0 - 48	Fill		>48"	0	NA	NA		US	NA
Pit #D	HS 4%	0 - 48	Fill		>48"	0	NA	NA		US	NA
Pit #E	HS 4%	0 - 48	Fill		>48"	0	NA	NA		US	NA

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIbg	Va
Site LTAR (gpd/sq ft)	0.3*	0.1

*Existing 3 Bedroom System being utilized with additional line for 1 Bedroom.

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

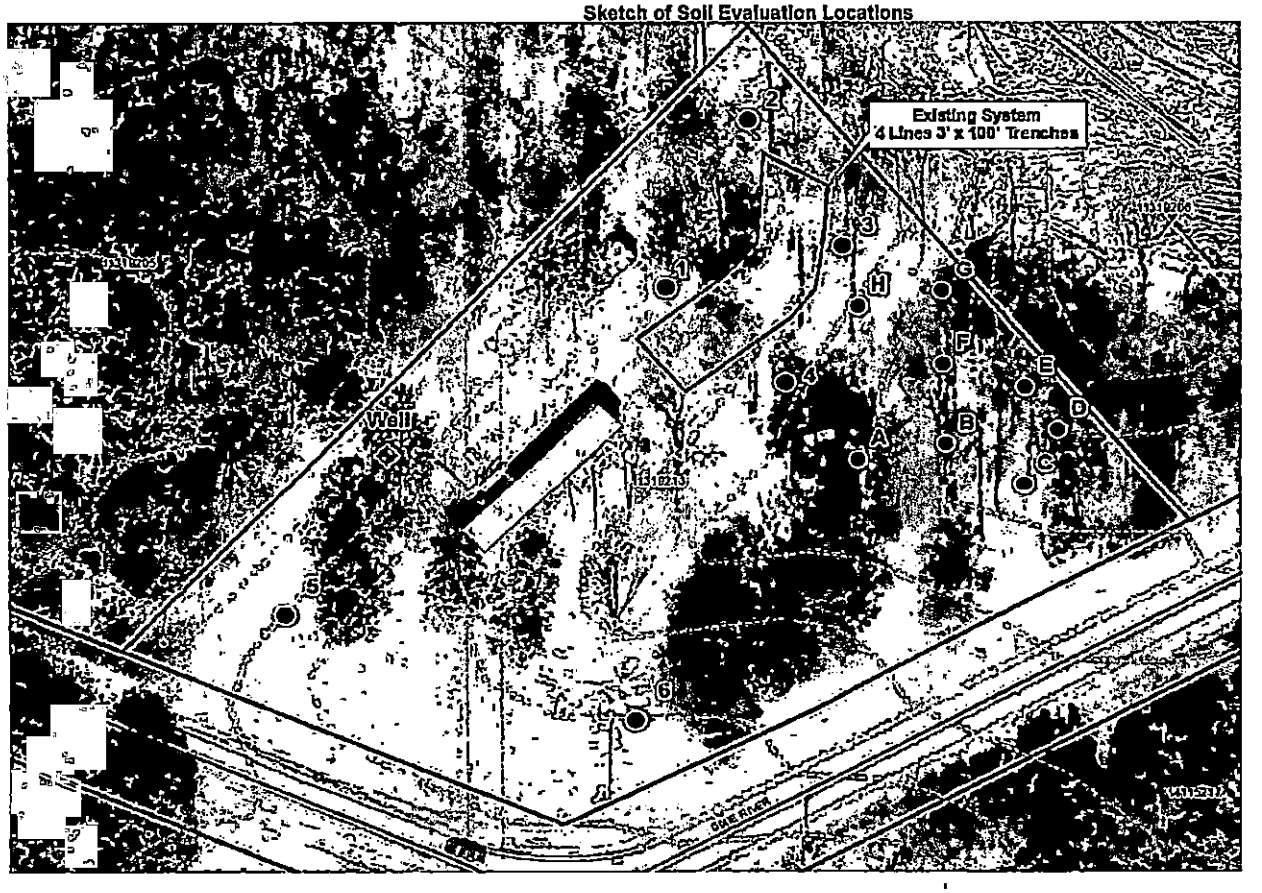
PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b. PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Pit	LS	0 - 8	gr SCL	SS SP FR SEXP						PS IV	
#F	6%	8 - 24	sbk C	S P FR SEXP	>56"	42	PS	NA		0.3	36"
		24 - 42	sbk CL	SS SP FR SEXP							
		42 - 56	mass L Sap	SS SP FR SEXP							
Pit	LS	0 - 6	gr L	SS SP FR SEXP						PS IV	
#G	11%	6 - 14	sbk C	S P FR SEXP	>58"	48	PS	NA		0.3	36"
		14 - 48	sbk CL	SS SP FR SEXP							
		48 - 58	mass L Sap	SS SP FR SEXP							
Pit	LS	0 - 10	Fill							PS IV	
#H	10%	10 - 22	sbk C	S P FR SEXP	>64"	51	PS	NA		0.3	36"
		22 - 51	sbk CL	SS SP FR SEXP							
		51 - 64	mass L Sap	SS SP FR SEXP							
Boring	LS	0 - 34	sbk C	S P FR SEXP							
#5	6%	34 - 45	sbk CL	SS SP FR SEXP	>48"	45	NA	NA		PS IV	
		45 - 48	Saprolite							0.3	31"
										Drip 0.1	
Boring	LS	0 - 8	sbk SCL	SS SP FR SEXP							
#6	5%	8 - 30	sbk C	S P FR SEXP						PS IV	
		30 - 46	sbk CL	SS SP FR SEXP	>50"	46	NA	NA		0.3	32"
		46 - 50	Saprolite							Drip 0.1	

COMMENTS: Areas of fill are unsuitable. The fill was very clean with little organics or compaction.

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: (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 #: 30008768 GWS File #: 9620B Tax Parcel #: 113-192-13

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 2/20/2022

Type of Installation: Residential - Alteration Lot Number: 0

Structure Type: HOUSE Size (ft^2): 5700 # Bedrooms: 4 # Occupants: 6

Building Foundation: Concrete Slab Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd): 120 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): 300 Total Trench Length (ft): 330

Maximum Trench Depth (in): 36 Depth of Media (in): 12 Distribution Device: Drop Boxes

III. Repair System Type: Drip Irrigation **System Classification:** Va

Repair System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.1 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 1 Trench Spacing (ft): 2 Absorption Area (ft^2): 4800 Total Trench Length (ft): 4800

Maximum Trench Depth (in): 30 Depth of Media (in): 6 Distribution Device: Headworks (Drip Irr:

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: Jacob Presley Owner/Legal Agent: _____

Print Name

Signature: _____ Signature: _____

Date Issued: 2/20/2017

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 #: 30008768 GWS File #: 9620B

IV. Permit Conditions/Comments:

- 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 the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- 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.
- 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 located at least 100 ft. (50 ft. minimum) from all private wells.
- 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.
- 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.
- Add additonal 220' of 25% reduction media to existing system per consultants design. Operation Permit will not be issued until existing trailer has been removed.

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: Jacob Presley

Signature: _____

Date Issued: 2/20/2017

Owner/Legal Agent: _____
Print Name

Signature: _____

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

GWS Septic System Design Review Approved ☐ Disapproved ☐

GWS File #: 7698

Design Review: [signature] ☑

Field Review: [signature] ☑

*Projects are not considered "APPROVED" until both sections above are completed and indicate an APPROVED status.

Reference: Data Sheet for: 8701 Dixie River Road; PID#: 11319216
Mecklenburg County, NC

House Footprint: 70'x70' with a crawl space
Building Setbacks: 30' front/45' rear/6' side
Water Source: Private Well
Number of Bedrooms: 3/360 GPD existing; 1/120 GPD upgrade
Proposed LTAR: 0.3 GPD/FT2 Initial
Proposed Repair LTAR: 0.1 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: TS I Pretreatment Drip
Distribution Type: Gravity with D boxes and/or endcaps
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
White 1		84'
Orange 2		36'
Blue 3	Existing	100'
Pink 4	Existing	100'
Orange 5	Existing	100'
Blue 6	Existing	100'
Pink 7	**60'**	**60'**
White 8	**60'**	**60'**
Pink 9	**50'**	**50'**
Blue 10	**50'**	**50'**

Initial System: 400' Existing stone system;
Upgrade with 120'of 25% Reduction + 100' for expected large flow.
Repair System: 5654 ft2 TS I Pretreated Drip
Comments:

- The purpose of this evaluation is to have the property permitted for an upgrade to a 4-bedroom residence. There is currently a 3-bedroom system on the property. See attached permit. The existing system has been located by MA&A (B3-B5).
- MA&A is proposing to install 120' (P6 and W7) of 25% reduction to the existing system using a "D" box on the last existing line and connecting the new lines with end caps and/or additional "D" boxes.
- MA&A is also proposing to add additional 100' (P8 and B9) to the system due to an expected large flow.
- Additional pits were done throughout the front of the property, but were not located within the area proposed for additional septic area.
- **The new residence will need to be built to allow gravity flow from the house to the existing septic tank. In the event that the new residence cannot gravity flow to the existing tank, then an effluent**

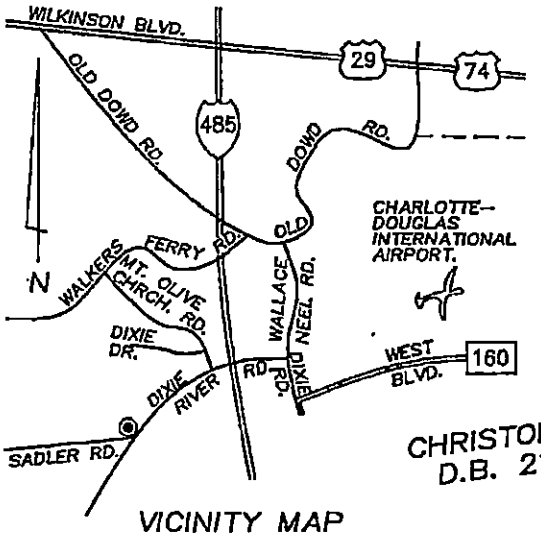
THIS IS TO CERTIFY THAT ON THE 18TH DAY OF JULY, 2016 I, SURVEYED THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE PROPERTY LINES, AND THE IMPROVEMENTS IF ANY ARE AS SHOWN HEREON.

SIGNED John A. Christian II
PROFESSIONAL LAND SURVEYOR

JOHN A. CHRISTIAN II
JACK R. CHRISTIAN & ASSOCIATES
7811 OLD CONCORD RD, CHARLOTTE, N.C. 28213
PHONE: (704)596-2214

DIXIER8701PLOT
FB #327

NORTH CAROLINA PROFESSIONAL SEAL L-4987 LAND SURVEYOR JOHN A. CHRISTIAN II



VICINITY MAP

CHRISTOPHER M. TURNER
D.B. 21941 PAGE 678

N44°00'04"E 146.91

E.I.P. 1 ¼"

N.I.R.

0.9'

12.3'
28.3'
FRAME STORAGE
12.3'

45' REAR YARD

20.7'
17.0'
29.9'
14.7'
COV.
11.9'
4.0'
11.7'
PROPOSED HOUSE
14.0'
13.3'
24.9'
6.8'
10.7'
6.8'

257.95'

227.64'

S39°22'32"E

6' SIDE YARD

GRAVEL DRIVE

LOT 1

LOT 2
40,873 Sq Ft
0.94 Ac.

276.97'

307.00'(total)

6' SIDE YARD

S38°54'13"E

DIXIE RIVER PDO LLC & DIXIE RIVER ALO LLC
D.B. 30227 PAGE 819

30' SETBACK

N.I.R.

30.30'

E.I.P. 1"

PROPERTY LINE FOLLOWS CENTERLINE OF ROAD

S63°14'30"W 146.95

30.03'

DIXIE RIVER ROAD
40' MANTAINED RIGHT OF WAY

S26°45'18"W 94'

NOTES:

PARCEL ID #113-192-14.

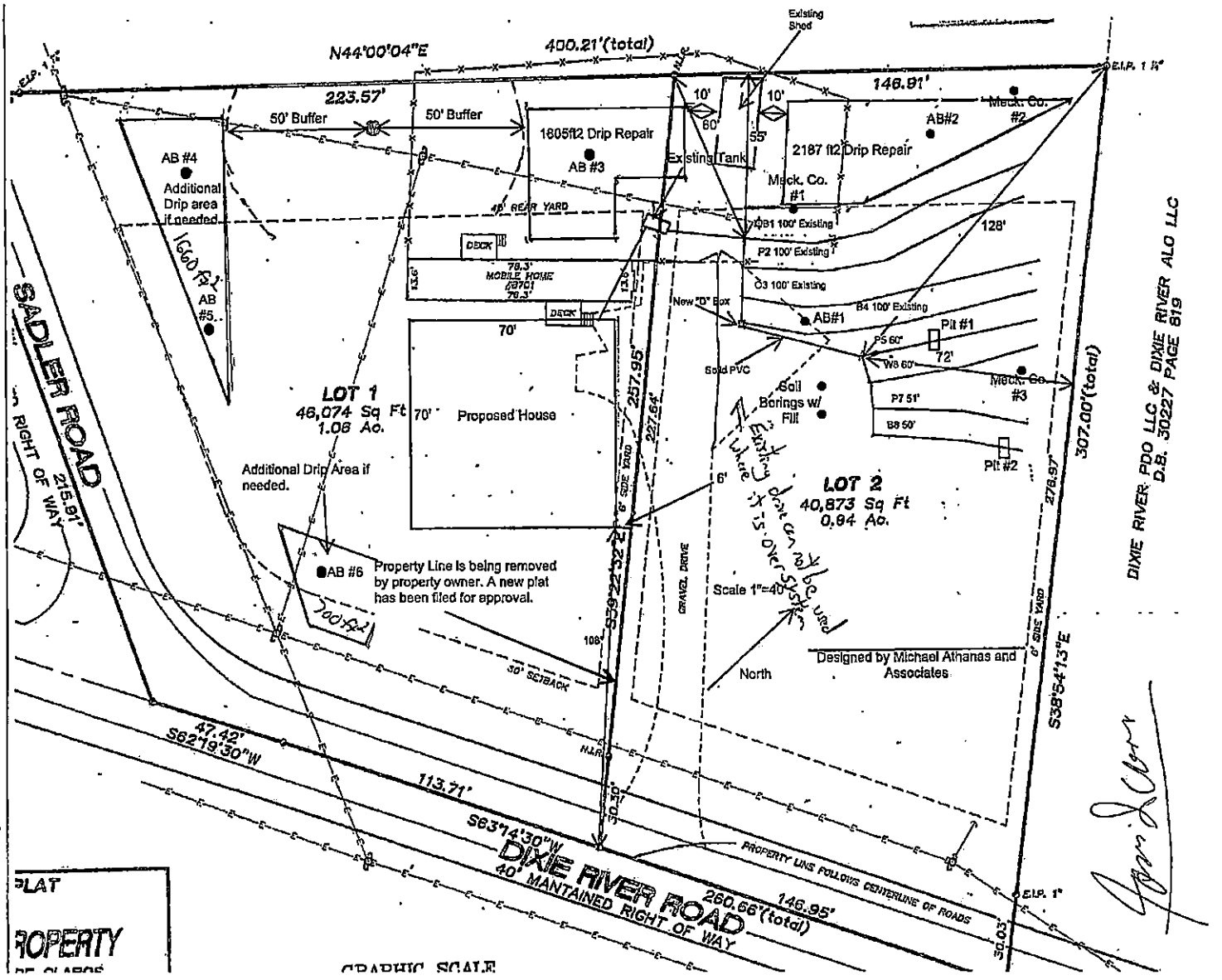
ZONING IS R-3.
FRONT SETBACK.....30'
SIDE YARD.....6'
REAR YARD.....45'
MIN. LOT WIDTH.....70'

OTHER R/W'S OR EASEMENTS MAY EXIST WHICH MAY NOT BE SHOWN.

THE PURPOSE OF THIS PLOT PLAN IS TO SHOW THE PROPOSED LOCATING OF FUTURE CONSTRUCTION. BOUNDARY INFORMATION PLOTTED FROM PREVIOUS SURVEY.

SYMBOL LEGEND	
PP	POWER POLE
☼	LIGHT POLE
—E—	ELECTRIC LINE
—x—	FENCE LINE
E.I.P.	EXISTING IRON PIPE
N.I.R.	NEW IRON REBAR #5

GRAPHIC SCALE


N44°00'04"E
400.21'(total)
223.57'
146.91'
50' Buffer
50' Buffer
1605ft2 Drip Repair
2187 ft2 Drip Repair
Existing Shed
Existing Tank
AB #4
Additional Drip area if needed
AB #3
AB#2
Meck. Co. #2
Meck. Co. #1
40' REAR YARD
DECK
78.3'
MOBILE HOME
@701
76.3'
1660 ft²
AB #5
LOT 1
46,074 Sq Ft
1.08 Ac.
70'
Proposed House
257.95'
227.64'
6' SIDE YARD
Additional Drip Area if needed.
AB #6
Property Line is being removed by property owner. A new plat has been filed for approval.
700 ft²
LOT 2
40,873 Sq Ft
0.94 Ac.
Existing Water Line is Over System and can not be used
Scale 1"=40'
North
Designed by Michael Athanas and Associates
GRAVEL DRIVE
30' SETBACK
N.I.R.
S39°22'32"E
S38°54'13"E
278.97'
307.00'(total)
SADLER ROAD
RIGHT OF WAY
215.91'
47.42'
S62°19'30"W
113.71'
S63°14'30"W
DIXIE RIVER ROAD
40' MANTAINED RIGHT OF WAY
260.66'(total)
146.95'
30.03'
PROPERTY LINE FOLLOWS CENTERLINE OF ROADS
E.I.P. 1"
DIXIE RIVER PDO LLC & DIXIE RIVER ALO LLC
D.B. 30227 PAGE 819
Gold PVC
Soil Borings w/ Fill
New "D" Box
AB#1
Pit #1
Pit #2
P5 60'
P7 51'
B8 50'
W8 60'
72'
128'
10'
60'
55'
B1 100' Existing
P2 100' Existing
B3 100' Existing
B4 100' Existing
PLAT
ROPERTY
GRAPHIC SCALE

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/21/17	**Amount:**	50.00
Receipt #:	104180	**Tendered:**	50.00
Check / Auth #:	MC 155212	**Returned:**	0.00
Received By:	ELLISLW		

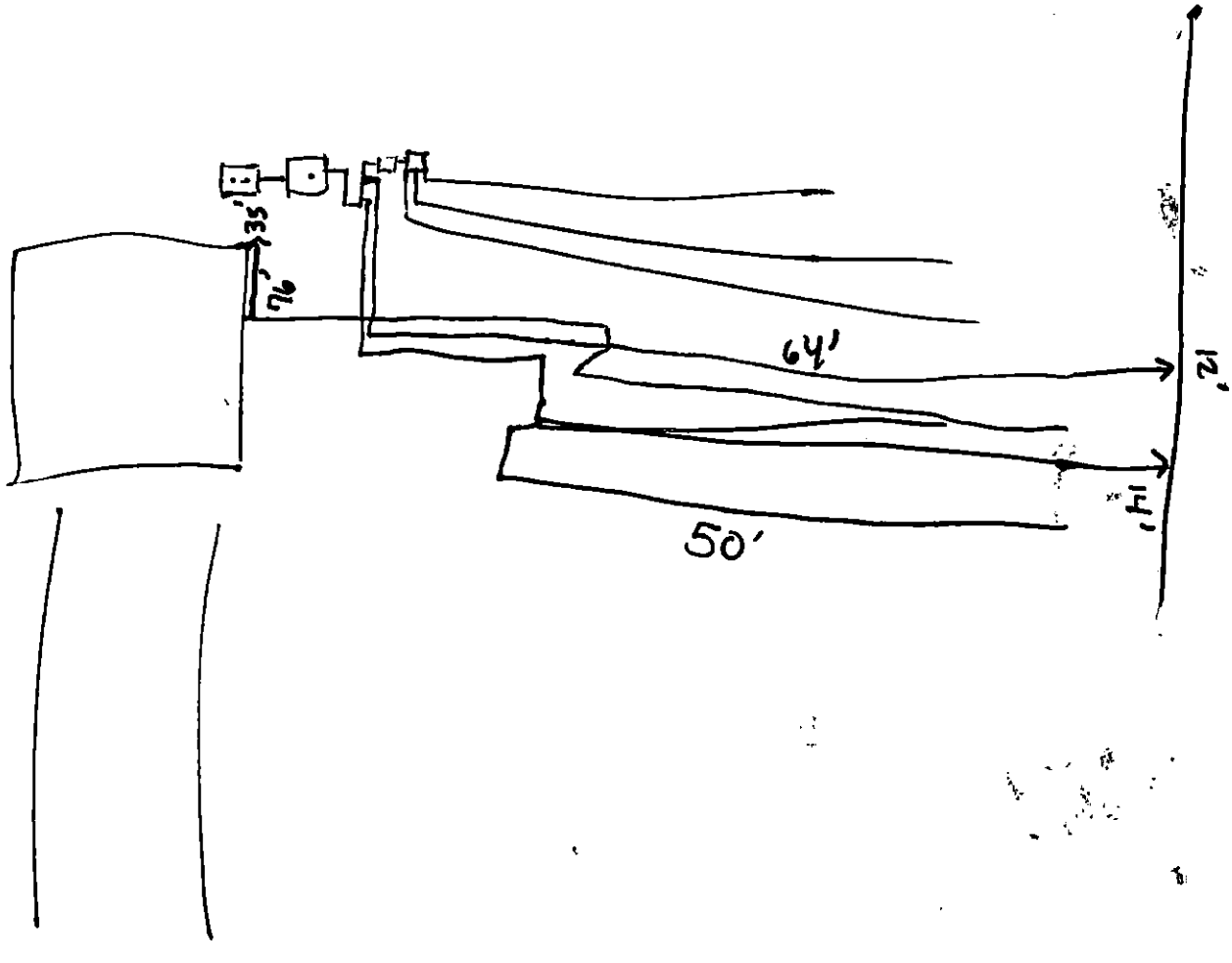
Account Information

Account #: 200000
Contractor: CLAROS,JONAS
Attn:
Address: 8755 DIXIE RIVER RD
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0706	Septic Alteration Permit 8755 DIXIE RIVER RD		1	50.00	50.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
-15.00					


35'
64'
21'
14'
50'

pump or grinder pump will be needed to access the septic area. MA&A would recommend a settling tank be installed prior to the septic tank if a grinder pump is required to reach the existing system.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 8701 Dixie River Road Charlotte, NC 28208: Property ID#11319213
COUNTY: Mecklenburg

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jonas Claros APPLICATION DATE: _____
ADDRESS: 3713 Shirley Drive Charlotte, NC 28278; PID: 11319213 DATE EVALUATED: 1/2017
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 120 GPD upgrade PROPERTY SIZE: 2.0 Acres
LOCATION OF SITE: 8701 Dixie River Road Charlotte, NC 28208 PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
AB 1	L 6-8 %	0"-5"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 24"-48"	None	0.3
		5"-24"	R C WSBK	SS SP FR SEXP					
		24"-48"	R CL WSBK	SS SP FR SEXP					
AB 2	L 6-8%	0"-3"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 33"-48"	None	0.3
		3"-33"	R C SBK	SS SP FR SEXP					
		33"-48"	R CL WSBK	SS SP FR SEXP					
Pit 1	L 6-8%	0"-10"	Fill			51"	Few to common saporlite inclusions 22"-51" PS	None	0.3
		10"-22"	R C SBK	SS SP FR SEXP					
		22"-51"	R CL WSBK	SS SP FR SEXP					
		51"-64"	V L Saporlite M	SS SP VFR NEXP					
Pit 2	L 4-6%	0"-6"	Br CL WSBK	SS SP FR SEXP		49"	Few to Common Saporlite inclusions 14"-49" PS	None	0.3
		6"-14"	R C SBK	SS SP FR SEXP					
		14"-49"	R CL WSBK	SS SP FR SEXP					
		49"-58"	V L Saporlite M	SS SP VFR NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360 FT2+300ft2 additional	3992 Ft2
System Type(s)	25% Reduction	TS I Drip
Site LTAR	0.3	0.1

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

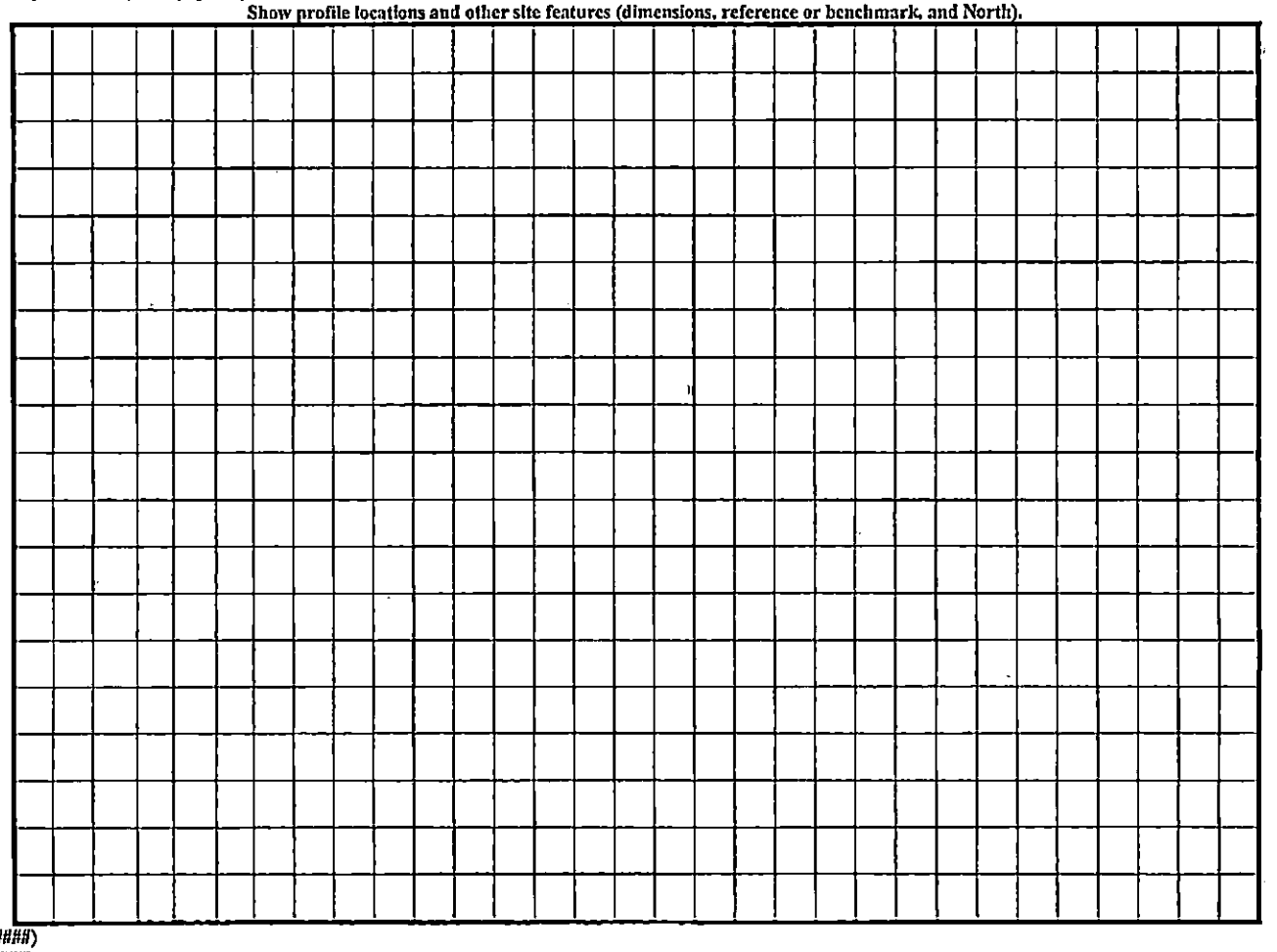
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)

Review (######)

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet __1__ *of* __1__
PROPERTY ID #: 8701 Dixie River Road Charlotte, NC 28208: Property ID#11319213
COUNTY: Mecklenburg

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jonas Claros APPLICATION DATE: _____
ADDRESS: 3713 Shirley Drive Charlotte, NC 28278; PID: 11319213 DATE EVALUATED: 1/2017
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 120 GPD upgrade PROPERTY SIZE: 2.0 Acres
LOCATION OF SITE: 8701 Dixie River Road Charlotte, NC 28208 PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
AB 3	L 6-8 %	0"-30"	R C SBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 30"-48"	None	0.3 0.1 Drip
		30"-48"	R CL WSBK	SS SP FR SEXP					
AB 4	L 6-8%	0"-40"	R C SBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 40"-48"	None	0.3 0.1 Drip
		40"-48"	R CL WSBK	SS SP FR SEXP					
AB 5	L 6-8%	0"-31"	R C SBK	SS SP FR SEXP		41"	Few to common saporlite inclusions 31"-41" PS	None	0.3 0.1 Drip
		31"-41"	R CL WSBK	SS SP FR SEXP					
		41"-48"	V SL Saprolite M	NS NP VFR NEXP					
AB 6	L 4-6%	0"-25"	R C SBK	SS SP FR SEXP		48"	Few to Common Saporlite inclusions 25"-48"	None	0.3 0.1 Drip
		25"-48"	R CL WSBK	SS SP FR SEXP					



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

April Bumgarner
Mecklenburg County Health Department
700 N. Tryon Street Suite 208
Charlotte, NC 28202

RE: 8701 Dixie River Road Charlotte, NC 28278; PID # 11319213

Dear Ms. Bumgarner:
Please see the statement below concerning the system installation 8701 Dixie River Road, Charlotte, NC

Michael Athanas and Associates visited the site on 10/31/2018 to look at the installation. It appears that the system was installed according to our specifications and in the area delineated. The only change was that the system needed to use an effluent pump to access the septic area. The installer installed a pressure manifold and used a 1" schedule 40 tap to feed the existing system and 2 - ½" schedule 40 taps to feed the 4 new lines. That will give the system a flow of 34.42 GPM and a dosing volume of 271.26 gallons. That would make the pump run time 7.88 minutes.

Please let me know if you need any further information. Thank you.

Sincerely,

Michael Athanas
Michael Athanas and Associates

FOR REGISTRATION
Fredrick Smith
REGISTER OF DEEDS
Mecklenburg County, NC
2017 FEB 06 03:53:46 PM
BK:60 PG:687-688
FEE:$21.00
INSTRUMENT # 2017015940

PHETSL

2017015940

7/27/88 Pd60 - ck#1336 OR

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 4810A

TC: _____

☐ PC ☐ REPT

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
JUL 27 1988
ENVIRONMENTAL HEALTH
DIVISION

JOB LOCATION

① ADDRESS: Vacant lot located at Dixie River Rd. & Sadler Road Charlotte, NC

② SUBDIVISION: N/A ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: Tax Map BOOK NO.: 113 PAGE NO.: 19 PARCEL NO.: 05

⑥ DEED REFERENCE: BOOK NO.: 3664 PAGE NO.: 0824

OWNER

⑦ NAME: Roosevelt (FIRST) V. (MIDDLE) Neal (LAST)

⑧ MAILING ADDRESS: c/o Bridget M. Kearns (Buyer) 5331 Hughes Dr.

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28213

⑫ PHONE: (WORK) (704) 376-2853 (HOME) (704) 597-5339

⑬ Accurately diagram and dimension lot.

(Please see Attached Survey).

If you have any questions, please contact Bridget Kearns at above phone numbers.

⑭ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Roosevelt V. Neal

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Date: July 26, 1988

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 15463

File: 4810A Action 4

Parcel: 11301905 ☐ PC

Location: Dixie River Road

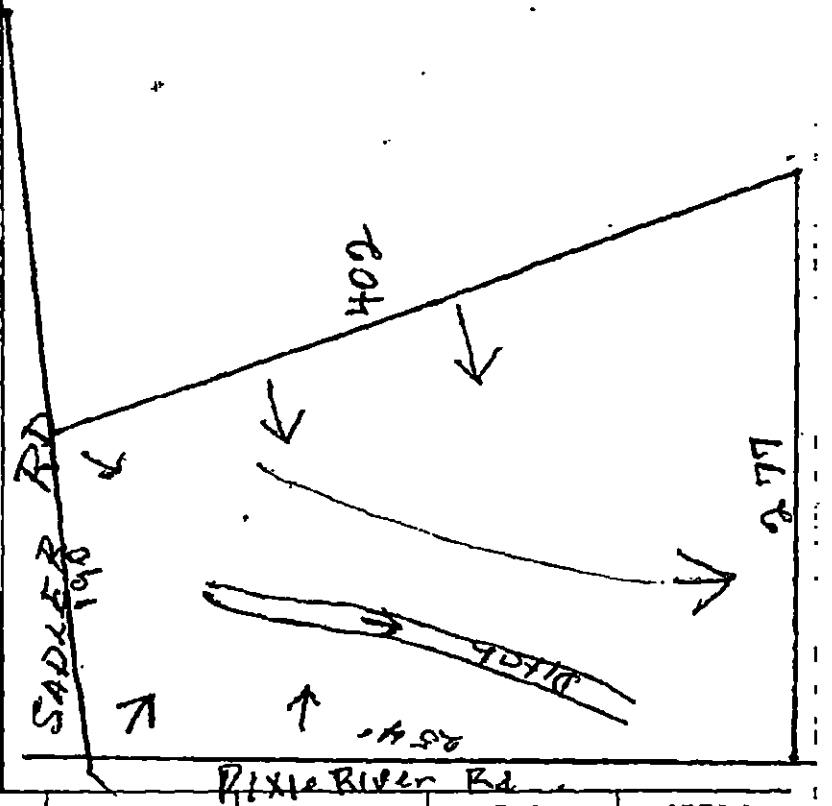
Subdivision:

Lot: Block: Acres: 2

Owner: Roosevelt V. neal
Address: 5331 Hughes Drive
Charlotte, NC 28213

Comments: _____

Described by: W. B. Ramsey
Date: 8-2-88



*** 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 2-8	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 38-45	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	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 Cecil					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U

☐ ☐ _____

☐ ☐ _____

Building review approved by
William Whitley
Building Plans Examiner
Mecklenburg County Code Enforcement
If you have any questions about the required type of inspections, please contact the appropriate inspections team which is listed on your permit.
North Team, 704-336-4063
South Team, 704-336-3536

The issuance of a permit or approval of plans or specifications shall not be construed or construed to be a permit for an approval of any violation of any of the provisions of the North Carolina State Building Codes or local ordinances.

MECKLENBURG COUNTY
CODE ENFORCEMENT

The Drawings In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project Per Code. Engineering Practices And To Comply With The Latest North Carolina State Building Code.



AREA TABULATIONS:	
FIRST FLOOR LIVING	3,345 S.F.
SECOND FLOOR LIVING	758 S.F.
ENTRY	95 S.F.
COVERED LANAI	690 S.F.
GARAGE	841 S.F.
TOTAL AREA UNDER ROOF	5,713 S.F.

PROJECT DATA	
CODE REFERENCE	2012 IRC RESIDENTIAL
PROPOSED HEIGHT	APPOX. 27'-0"
NO. OF STORIES	2

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LICENSE # GW-00192-1F2-4083

DRAWING LIST

C - COVER SHEET
A-1 - ELAS PLAN
A-2 - FIRST FLOOR DIMENSION PLAN
A-3 - FIRST FLOOR NOTED PLAN
A-4 - SECOND FLOOR DIMENSION PLAN
A-5 - SECOND FLOOR NOTED PLAN
A-6 - FIRST FLOOR ELECTRICAL PLAN
A-7 - SECOND FLOOR ELECTRICAL PLAN
A-8 - ROOF PLAN
A-9 - FRONT AND LEFT ELEVATION
A-10 - REAR AND LEFT ELEVATION
A-11 - BUILDING CROSS SECTION AND WALL SECTION

South Florida Design, Inc.
9990 Coconut Rd.
Suite 330
Bonita Springs, FL 34135
239.434.1818

All construction shall be in accordance with the 2012 IRC RESIDENTIAL

Prior to commencement on these drawings have jurisdictions and locate dimensions, Contractors shall verify and be responsible for all dimensions and conditions of the job. Civil shall be notified in writing of any variations or discrepancies from the dimensions, conditions and specifications shown by these drawings.

NOTE: ARCHITECTURAL DERIVATION PROVIDED IN ELECTRICAL DRAWINGS BY ENGINEER OR ARCHITECT TAKE PRECEDENCE OVER ARCHITECTURAL INFORMATION PROVIDED BY THIS FIRM.

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LICENSE # GW-00192-1F2-4083

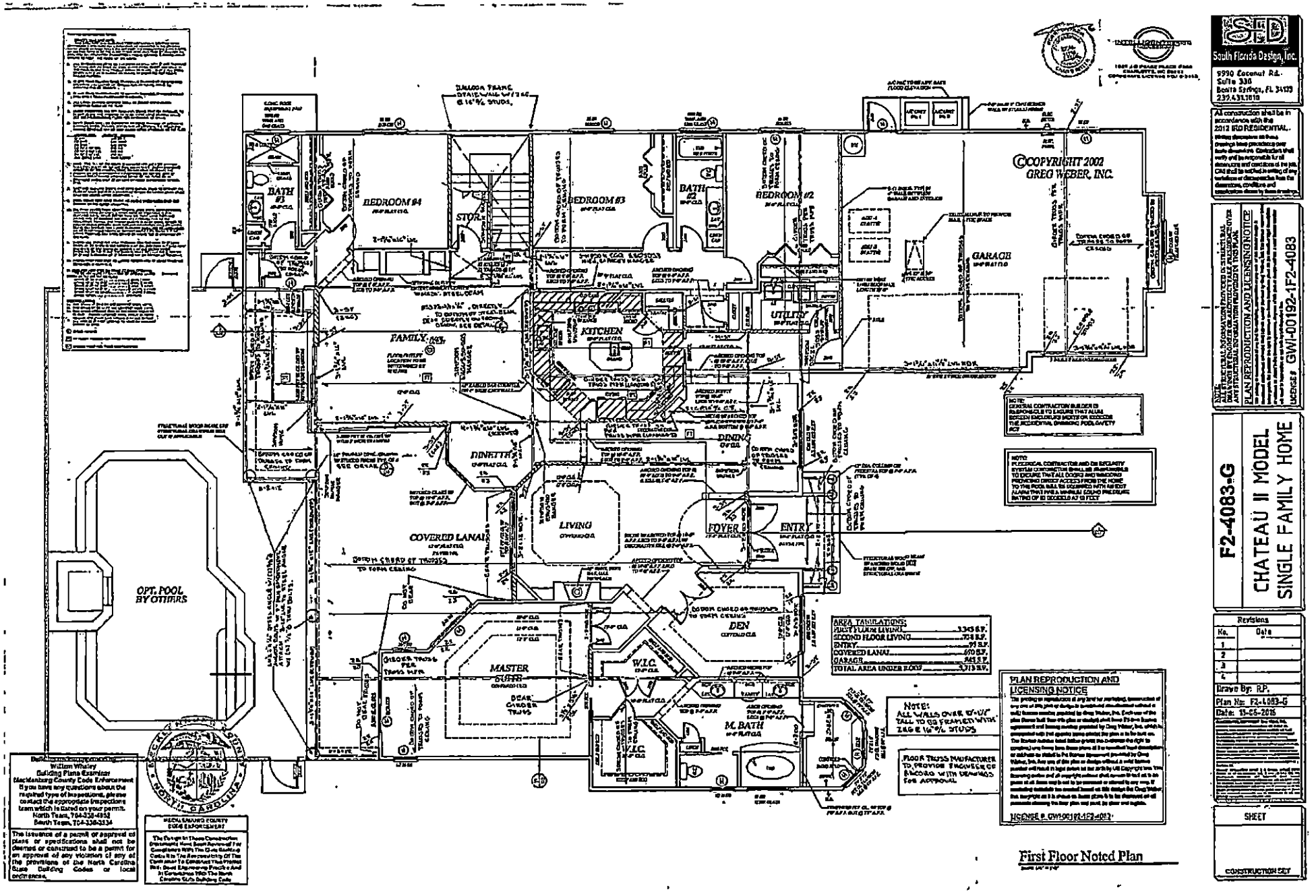
F2-4083-G

CHATEAU II MODEL
SINGLE FAMILY HOME

Revisions	
No.	Date
1	
2	
3	
4	

Drawn By: R.P.
Plan No: F2-4083-G
Date: 11-06-2015

SHEET
C
CONSTRUCTION SET



South Florida Design, Inc.
9990 Coconut Rd.
Suite 330
Bonita Springs, FL 34135
239.431.1616

All construction shall be in accordance with the 2012 IRC RESIDENTIAL.

Written dimensions on these drawings have precedence over scale dimensions. Contractor shall verify and be responsible for all dimensions and conditions on the job. CAD shall be notified in writing of any variations or discrepancies from the dimensions, conditions and construction shown by these drawings.

NOTE: ALL ARCHITECTURAL WORK AS PROVIDED ON THESE PLANS, SPECIFICATIONS AND DRAWINGS IS PROTECTED UNDER COPYRIGHT LAWS AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF GREG WEBER, INC.

PLAN REPRODUCTION AND LICENSING NOTICE

LICENSE # GWI-001921F2-4083

F2-4083-G

CHATEAU II MODEL
SINGLE FAMILY HOME

Revisions	
No.	Date
1	
2	
3	
4	

Drawn By: R.P.

Plan No: F2-4083-G

Date: 11-05-2015

SHEET

CONSTRUCTION SET

Building Plans Examiner
William Whaley
Mecklenburg County Code Enforcement
If you have any questions about the required type of inspections, please contact the appropriate inspections team which is listed on your permit.
North Team, 704-336-4852
South Team, 704-336-3334

The issuance of a permit or approval of plans or specifications shall not be deemed or construed to be a permit for an approval of any violation of any of the provisions of the North Carolina State Building Codes or local ordinance.

MECKLENBURG COUNTY CODE ENFORCEMENT

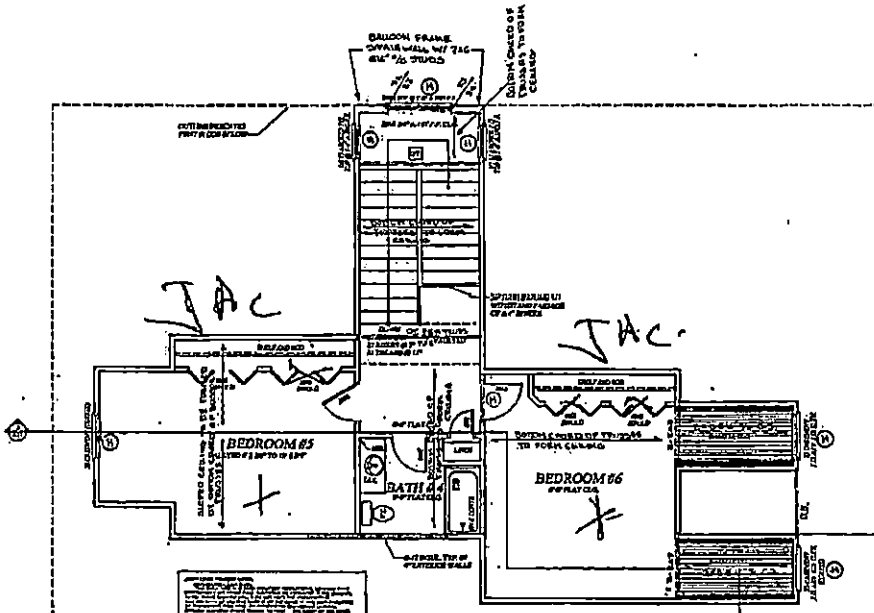
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Codes It Is The Responsibility Of The Contractor To Construct The Project As Per Approved Plans And In Compliance With The North Carolina State Building Code

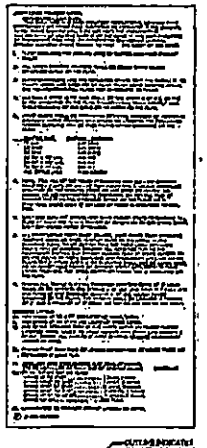
Building review approved by
William Whitley
Building Plans Examiner
Mecklenburg County Code Enforcement
If you have any questions about the required type of inspections, please contact the appropriate inspections team which is based on your permit.
North Team, 704-336-4233
South Team, 704-336-3350

The issuance of a permit or approval of plans or specifications shall not be deemed or construed to be a permit for an approval of any violation of any of the provisions of the North Carolina State Building Codes or local ordinances.

MECKLENBURG COUNTY CODE ENFORCEMENT

Portions of These Construction Documents Have Been Reviewed for Compliance With The State Building Codes, But The Responsibility Of The Contractor To Construct This Project In Compliance With The North Carolina State Building Codes.





OUTLINE INDICATES FIRST FLOOR BELOW

OUTLINE INDICATES FIRST FLOOR BELOW

OUTLINE INDICATES FIRST FLOOR BELOW

AREA TABULATIONS:

FIRST FLOOR LIVING	3,143 S.F.
SECOND FLOOR LIVING	719 S.F.
ENTRY	85 S.F.
COVERED LANAI	670 S.F.
GARAGE	845 S.F.
TOTAL AREA UNDER ROOF	5,713 S.F.

NOTE:
GENERAL CONTRACTOR/ BUILDER IS RESPONSIBLE TO ENSURE THAT ALL SCREEN ENCLOSURE MEETS OR EXCEEDS THE RESIDENTIAL SWIMMING POOL SAFETY ACT

NOTE:
ELECTRICAL CONTRACTOR AND OR SECURITY SYSTEM CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL AREA, ARE EQUIPPED WITH AN ON/OFF ALARM THAT WILL SOUND AN AUDIBLE SOUND PRESSURE RATING OF 85 DECIBELS AT 10 FEET

NOTE:
ALL WINDOWS AND DOORS TO BE BY PGT (SEE BUILDER FOR DETAILS)

ALL UNPROTECTED GLASS WINDOWS TO BE RATED & LABELLED FOR IMPACT RESISTANCE WINDLOADS.

COORDINATION OF CONSTRUCTION, INCLUDING VERIFICATION OF DIMENSIONS & FIELD CONDITIONS, IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN FIRM PRIOR TO CONSTRUCTION.

PLAN REPRODUCTION AND LICENSING NOTICE

This painting or reproduction of any kind by manufacturing, construction or any use of this plan or design is considered unauthorized without a valid license granted provided by Greg Wilson, Inc. Each use of the plan (home, built from this plan or design) shall have it's own licensed agreement and license granted by Greg Wilson, Inc. which is associated with that specific home started the plan is to be built on. This license granted (what) (who) grants the purchaser the right to construct one home from these plans at the specified legal description or address as stated in the license agreement provided by Greg Wilson, Inc. Any use of this plan or design without a valid license will result in legal action as set forth by US Copyright laws. This drawing notice and all copyright notices of all persons to use on plans of all times and is not to be removed or altered in any way. All marketing materials are created based on the design by Greg Wilson, Inc. copyright as it is shown on these plans is to be displayed on all materials showing the floor plan and must be clear and legible.

LICENSE # GWI-00192-1F2-4083

Second Floor Noted Plan

Scale: 1/4" = 1'-0"

South Florida Design, Inc.
9990 Coconut Rd.
Suite 339
Bonita Springs, FL 34135
239.431.1010

All construction shall be in accordance with the 2018 IRC RESIDENTIAL

COPYRIGHT ALL INTELLECTUAL PROPERTY AS DEFINED BY THE COPYRIGHT ACT OF 1976 AND ALL AMENDMENTS THEREOF FOR THE UNITED STATES AND FOREIGN COUNTRIES AND ALL OTHER INTELLECTUAL PROPERTY LAWS AND TREATIES. ANY REPRODUCTION OF THIS PLAN WITHOUT THE EXPRESS WRITTEN PERMISSION OF GREG WILSON, INC. IS PROHIBITED BY LAW AND WILL BE PROSECUTED.

PLAN REPRODUCTION AND LICENSING NOTICE

LICENSE # GWI-00192-1F2-4083

F2-4083-G

CHATEAU II MODEL
SINGLE FAMILY HOME

Revisions	
No.	Date
1	
2	
3	
4	

Drawn By: RP.
Plan No: F2-4083-G
Date: 11-06-2016

SHEET

* CONSTRUCTION SET

CERTIFICATE OF COMPLETION/OPERATION PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4810A DATE: 3/20/89

TC: 13-192-07 ☐ L ☐ CRT

SERIAL № 11733

Name of Owner Jerry Thomas Juris.:

Address of Property 8701 Dixie River Rd

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400'

Number of Lines 4 @ 100'

Cover Depth 24"

Water Supply Source Well

Distance to Water Source Not Installed 100' to Spring

Excavation Inspected 3/20/89

Tank(s) Inspected 3/20/89

Wash Line Inspected

High Water Alarm Inspected

PLOT

Design: 1989 1500 SF Tk 200 SF 12" Rock CTR# 73

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☐ ~~installed~~ or constructed ☐ altered or repaired

☒ ~~in~~ accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ ~~Certificate of Completion~~ ☐ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .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.

COMMENTS: System designed for 5 Bedroom Home

Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

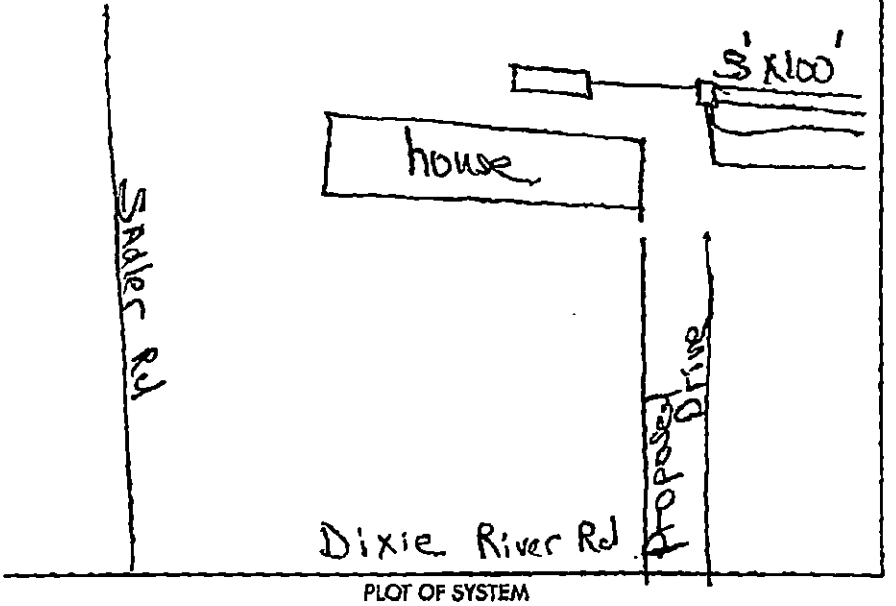
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4810A DATE: 3/8/89

TC: 113-192-07 ☐ L

SERIAL № 12534

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 2/24/89. All work shall be completed on or before 4/8/89, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .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 Department of Environmental Health 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank _____ gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 400' feet

Number of Lines 4

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 250 feet

NAME OF OWNER Knox Thomas A.

LOCATION OF PROPERTY 8701 Dixie River Rd

Comments: Install 4 Trenches 3' x 100' 12" Stone Straw Cover.

Division or Section Head

Environmentalist Judy J. Knox, R.S.

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

PROPOSED PLOT PLAN

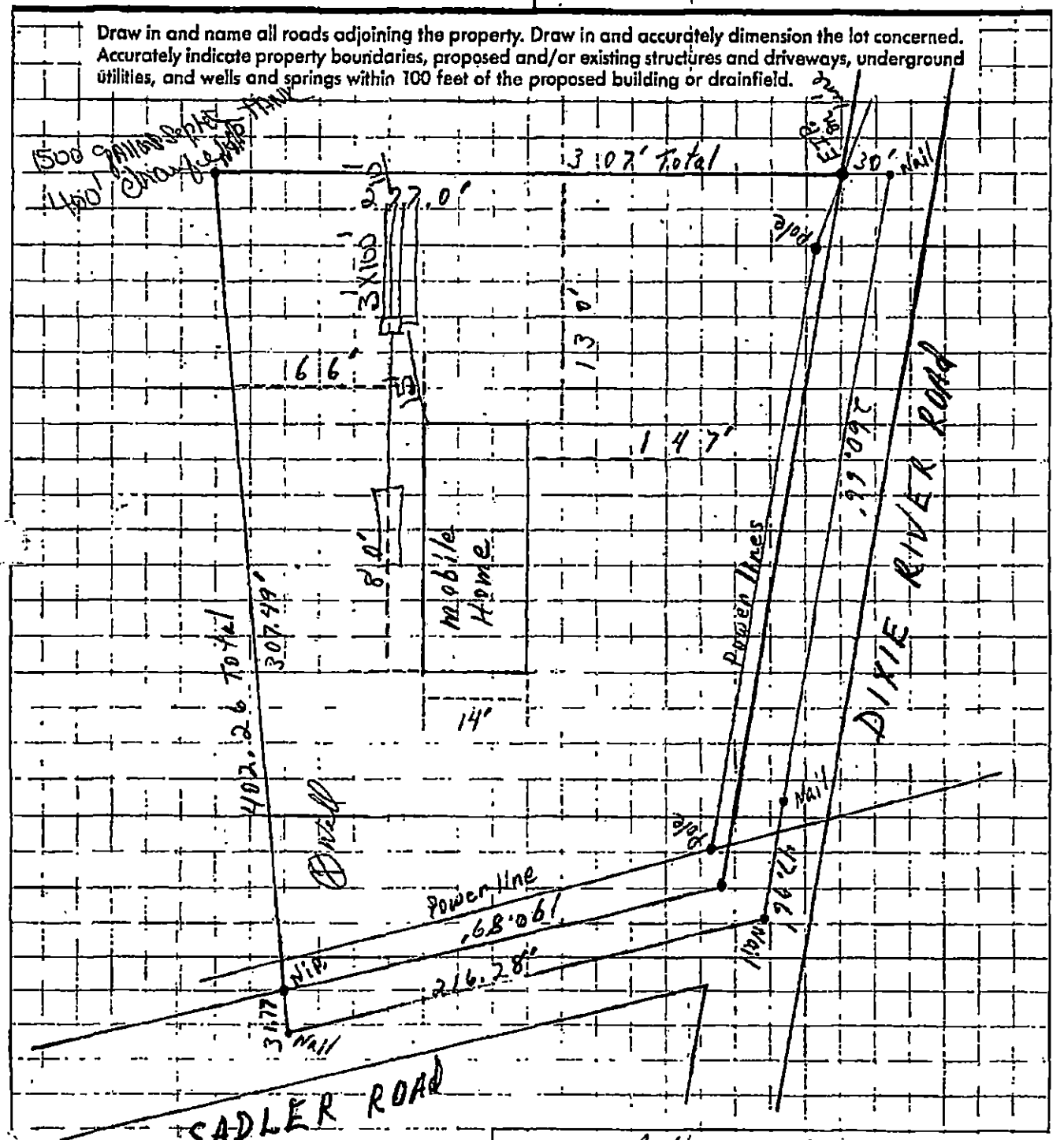
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4810A

TC: _____

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.



Signed: Thomas Kearns

Date: 3-8-89

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 4810A
TC: 113-192-07
SERIAL: No 17837
☐ L ☑ CRT

JOB LOCATION

① ADDRESS: 8701 (STREET NO.) Dixie River Rd. (STREET) ② FILE:
③ JURISDICTION: ④ TAX PARCEL NO.: 113-192-07
⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Thomas (FIRST) Anthony (MIDDLE) Kearns (LAST)
⑨ MAILING ADDRESS:
⑩ CITY: Charlotte ⑪ STATE: North Carolina ⑫ ZIP:
⑬ PHONE: (WORK) 525-5068 ⑭ (HOME) 597-5331

REQUEST

This request is for a(n):

⑮ ☐ New permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☐ Residence ⑳ ☑ Mobile home
㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3
㉕ Type?
㉓ Maximum occupancy? 4
㉖ Maximum number of employees?
㉔ Basement? ☐ yes ☑ no
㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉙ The undersigned, 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 on the property for the purpose of processing this request.

Signed: Thomas A. Kearns
Date: 2-24-89

IMPROVEMENT PERMIT

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 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 permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Environmentalist — Date 3/8/89

Director or Authorized Section Head — Date 3/9/89

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 2/24/89

Name/Company Thomas Kearnes

Sanitation ____
Vector Control ____
O.P.W.D. ✓

Service: Unp. - new
4810 A

MECKLENBURG COUNTY
~~HEALTH DEPARTMENT~~
ENVIRONMENTAL HEALTH DIVISION
PAID
FEB 24 1989

Fee: $ 150.00 Cash 7/150.00

Completed by

Collected by

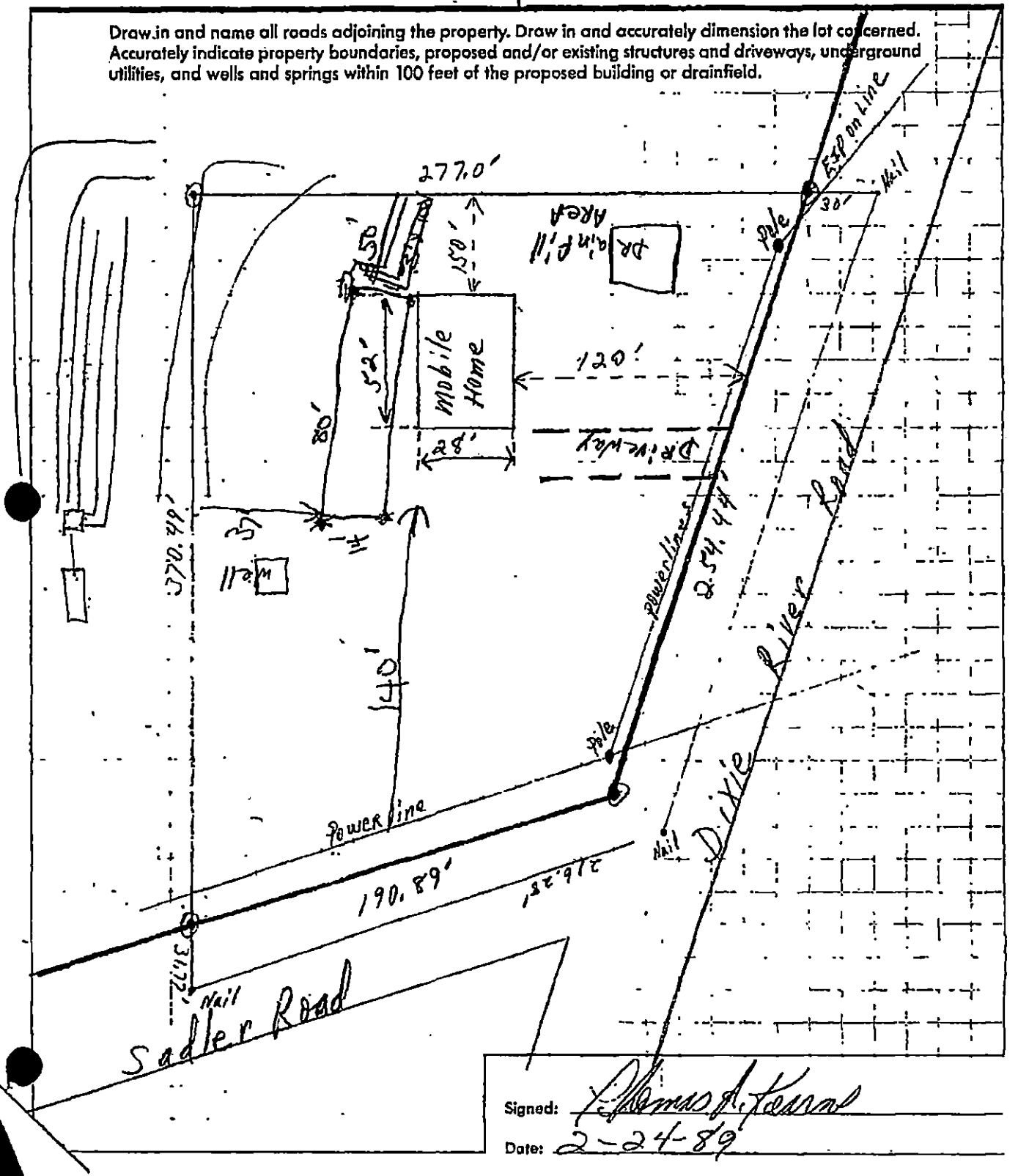
PROPOSED PLOT PLAN

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4810A

TC: 113-192-07

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.



Signed: Thomas A. Tesnar

Date: 2-24-89

DATE: 2/24/89

TO: HEALTH DEPARTMENT - ENVIRONMENTAL HEALTH

FROM: COUNTY ENGINEERING

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 113-192-07

ASSIGNED ADDRESS 8701 Dixie River Rd

EXISTING ADDRESS _____

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	NOT APPROVED
1. SUBDIVISION REGULATIONS	☐	☐ *
2. FLOODWAY REGULATIONS	☐	☐ *
3. EROSION CONTROL REGULATIONS	☐	☐ *
4. COMMERCIAL DRAINAGE PLAN	☐	☐ *
	PRESENT	**NOT PRESENT**
5. PUBLIC UTILITY EASEMENT	☐ *	☐
	YES	**NO**
6. PROPERTY FRONTS ON THOROUGHFARE	☐ *	☐
	YES	**NO**
7. DRIVEWAY PERMIT REQUIRED	☐ *	☐

* If checked, further investigation will be required to determine whether a building permit may be issued by Building Standards for the site.

REMARKS: Septic Tank - Mobile Home

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: _____

DPWEAH 02/86

Mecklenburg County
Health Department

Basil G. Deltu, M.D., M.P.H.
Health Director

August 3rd, 1988

Roosevelt V. neal
5331 Hughes Drive
Charlotte, NC 28213

RE: Property located at Dixie River Road
FILE: 4810A
PARCEL: 11301905

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. Results of the investigation revealed that the lot contains soils which have been classified as PROVISIONALLY SUITABLE in accordance with the provisions of 10 NCAC 10A .1900. A copy of the Site Evaluation Report (Serial Number 15463) deliniating the soil types and their respective classifications is enclosed.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accomodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this Department renders any area previously designated suitable for system installation, unsuitable. Futhermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, do not hesitate to contact me.

Very truly yours,

Sylvia D. Daniel, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

MECKLENBURG COUNTY
HEALTH DEPARTMENT

9620B #8606

29 NOV '16 AM 7:5

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: 11319213
STREET ADDRESS: 8755 Dixie River Rd.
CITY: Charlotte
STATE: NC ZIP: 28278
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: 5,700
NUMBER OF BEDROOMS: 6
NUMBER OF OCCUPANTS: 10
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: Jonas Aguirre Claros
ADDRESS: 8755 Dixie River Rd.
CITY: Charlotte
STATE: NC ZIP: 28278
WORK PHONE: 704-919-7953
MOBILE PHONE: 704-919-7953
FAX: _____
E-MAIL: TonyHernandez10.th@gmail.com

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

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. JAC. (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.

James A Clones
Property Owner's or Owner's Legal Representative Signature

11-28-2016
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

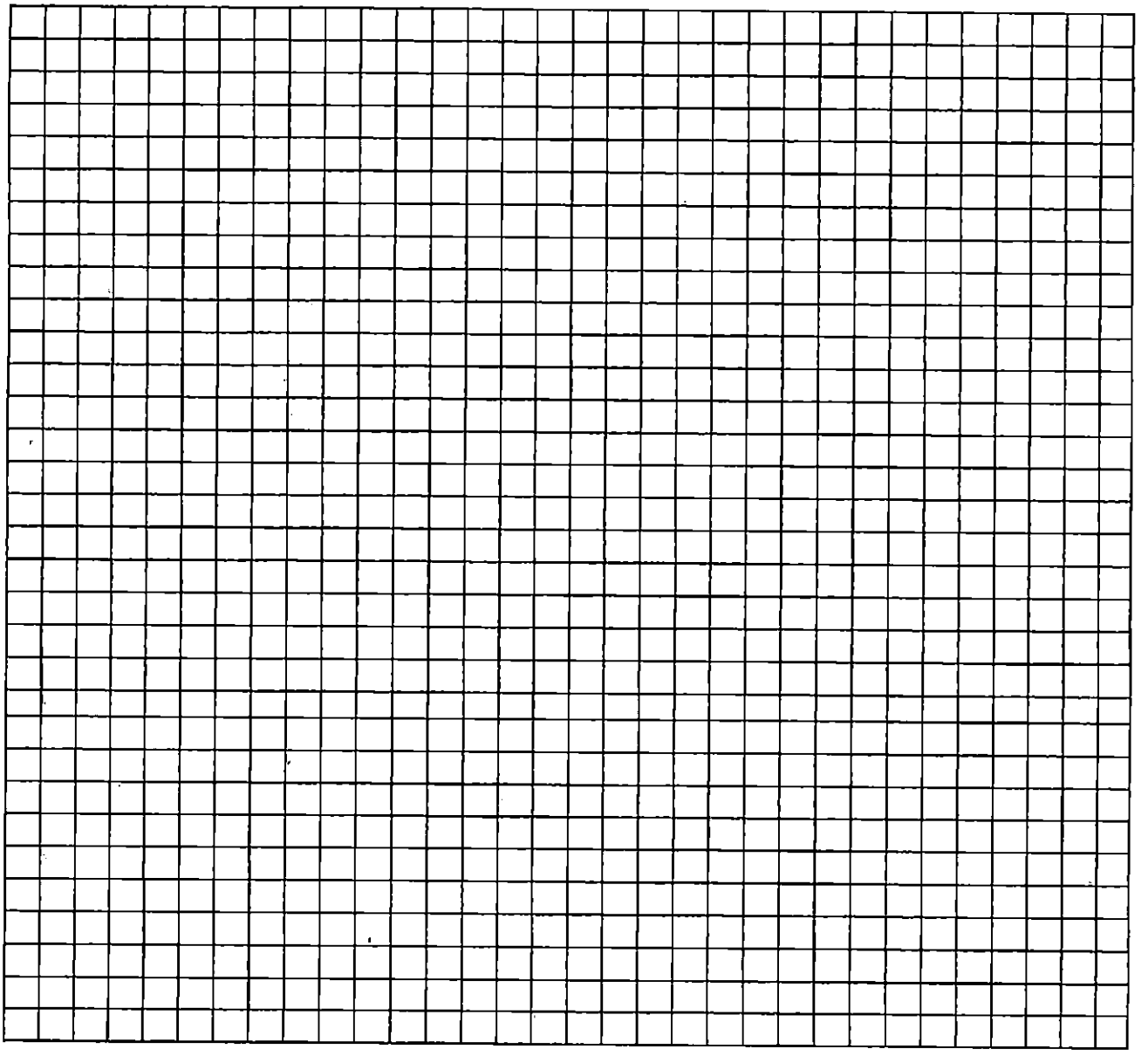
File #: _____

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 #: _____



_____ _____

Property Owner's or Owner's Legal Representative Signature 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

FEE: 0.00
DATE: 12/13/2018

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

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 9620B

PERMIT NUMBER: 9620B

PARCEL NUMBER: 11319213

JOB LOCATION INFORMATION

ADDRESS: 8725 DIXIE RIVER RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28278

ISSUED TO: JONAS AGUIRRE CLAROS

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 10/31/2018

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30008768, 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 April Burrgame

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 # 96208 App # 8768 Tax Parcel # 113-192-13

Property Owner: Jonas Aguirre Claros

Job Location Address: 8725 Dixie River Rd

City: Charlotte State: NC Zip Code: 28278

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.**

April Bumgarner — Authorized Agent

10-31-18 — Date

Lago Vista — Others Present

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 #: 9620B Permit #: 8768 Tax Parcel #: 113-192-13

Property Owner: Jonas Aguirre Claros

Job Location Address: ~~8 870~~ 8725 Dixie River Rd

City: Charlotte State: NC Zip Code: 28278

Operation Permit Issuance Date: 12-12-18 **Contractor Name:** Carlos Rocha

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: 1000 gallons

Liquid Capacity of Septic Tank: 1000 gallons Manufacture Oellinger Effluent Pump Model: 283 Liberty .5H

Drainfield Installation ☐ N/A

Trench Depth: 36" inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 228 feet

# of Lines: 4 @ Varios feet

Depth of Media: 12" inches (Type) IQ4 25% reduction

Depth of Cover: 12"+ inches

Distribution Device: Pressure Manifold

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: 10' feet

Distance from Property Line: 12' feet

Distance from Water Supply Source: 100 feet

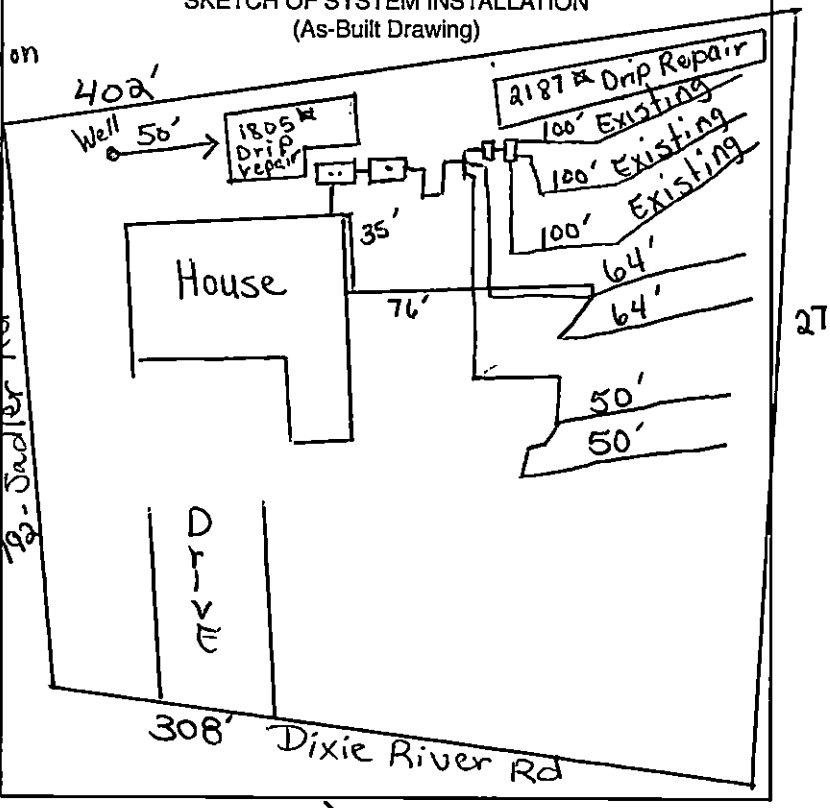
Inspection Dates

Tank(s) Inspected: 10-31-18

Excavation Inspected: 10-31-18

Pump & Controls Inspected: 10-31-18

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: III b | IQ4 | p | NA | NA

DENR Authorized Agent: April Baumgarner Signature: April Baumgarner

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

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 9620B Permit #: 8768 Tax Parcel #: 113-192-13

Property Owner: Jonas Aguirre Clavos

Job Location Address: 8725 Dixie River Rd

City: Charlotte State: NC Zip Code: 28278

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: IIIb

*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: April Bumgarner Date: 12-12-18

Signature: April Bumgarner