ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023 14663

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4638 -- 96 -- 5800

APPLICANT/OWNER: ROBERT J BARTON APPLICANT ADDRESS: 188 SAGEMORE ROAD, MOORESVILLE, N.C. 28117

SITE ADDRESS: 188 SAGEMORE ROAD, MOORESVILLE, N.C. 28117 PHONE: 704-453-1230 ALT. PHONE —

SITE DIRECTIONS: (S) ON 21, (R) ON PERTH, (L) ON SAGEMORE, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

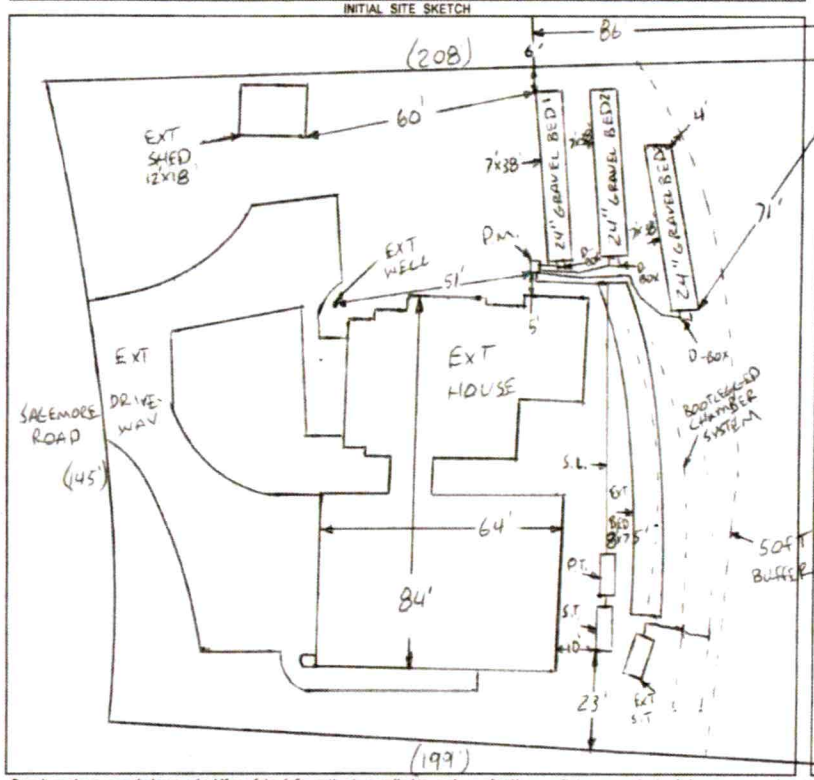
SUBDIVISION: CL+T SECTION: 14 LOT # 13 LOT AREA: 0.72 AC DESIGN FLOW: EXT L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date 7/25/23	☐ New System	☑ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms EXT	Water Supply
Pump Tank	1000	(gal)	PT 763	Date 7/28/23	System Description: —				☐ Business	No. Persons EXT	☑ Private EXT
Pump Make	Liberty		Model 240	Serial #	Repair System Description: 24 IN DEEP GRAVEL BED 7'X38'				☐ Other	No. Employees —	☐ Public
# Nitrification Fields	1		# Lines 3	Linear Ft 7'X38'	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width	7'X38'		Trench Bottom Depth(Low side)	30 IN	Gravel Depth 24 IN	☐ GRAVITY	☑ PRESSURE		☑ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: PUMP, CRUSH, AND FILL EXISTING SEPTIC TANK, INSTALL GRAVEL BEDS AS SHOWN, UTILIZE PRESSURE MANIFOLD TO FEED A D-BOX AT THE BEGINNING OF EACH BED.

UTILIZE 2 4IN CORRAGATED PIPES IN EACH BED, MAINTAIN 50FT FROM ALL WELLS, DO NOT EXCEED A 60IN MAX DEPTH, PRE-CONSTRUCTION MEETING RECOMMENDED.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

TAPS
BED1 = 1/2 SCH 40
BED2 = 1/2 SCH 40
BED3 = 1/2 SCH 40

DOSE VOLUME = 240 GAL
GPM = 21.33
RUN TIME = 11.25 MINS
DRAWDOWN = 11.5 IN
2IN SUPPLY LINE
2FT PRESSURE HEAD

1 IN = 40 FT
S.T. = SEPTIC TANK
P.T. = PUMP TANK
SL = SUPPLY LINE
P.M. = PRESSURE MANIFOLD
EXT = EXISTING

Checked
Tanks MW 9/8/23
Bottom bed MW 9/8/23
Top 2 beds CW 9/12/23
PM SL

9-20-2023 BCW
ELECTRICAL ALARM
PRESSURE HEAD
FLOAT

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

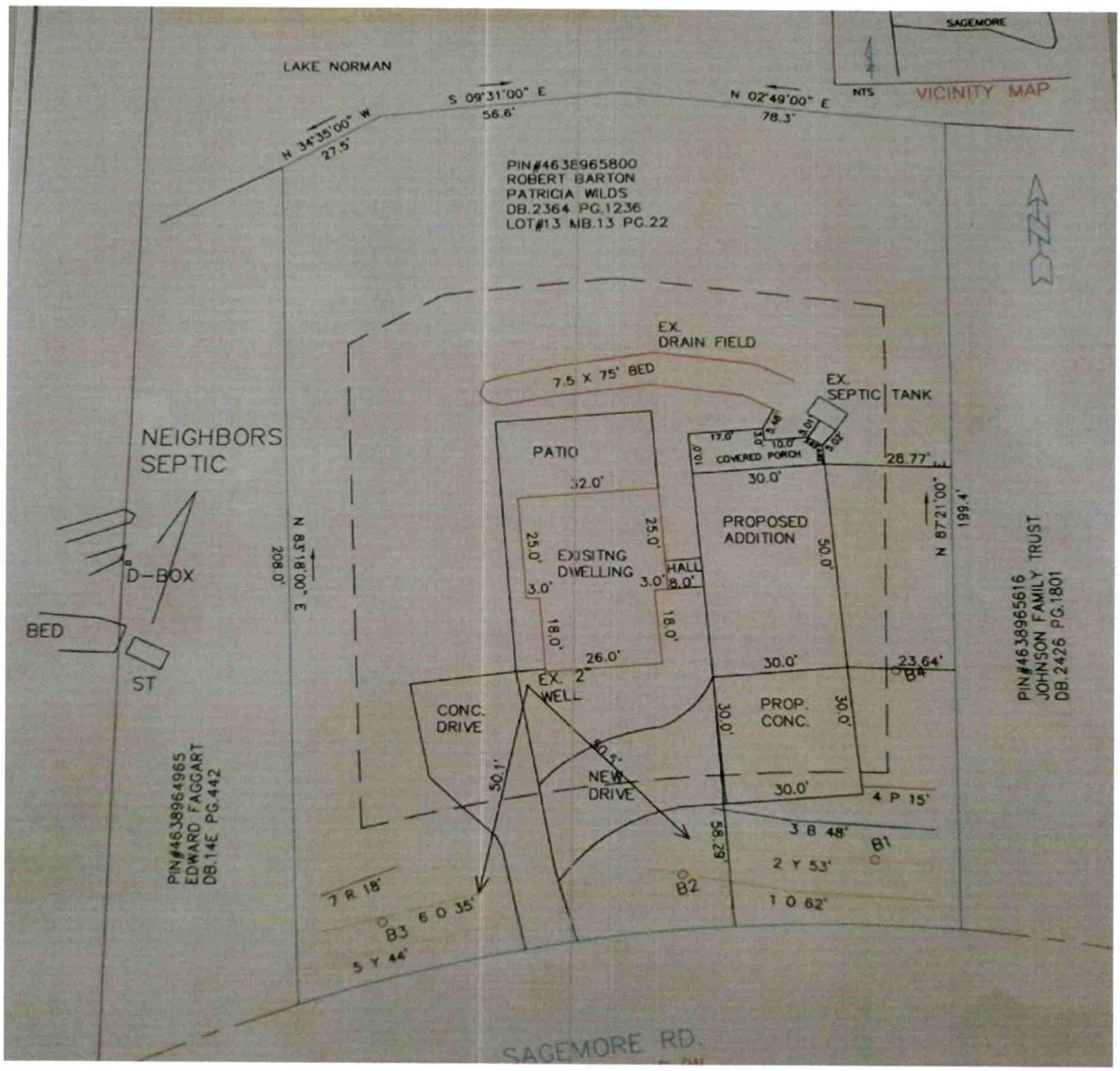
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: _____ Date: _____ Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: Bryant C. White Date: 2-21-2023 OPERATION PERMIT by: Bryant C. White Date: 9-20-2023

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 2-21-2023 Existing System Inspected by: _____ Date: _____

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.


LAKE NORMAN
S 09°31'00" E
56.6'
N 02°49'00" E
78.3'
N 34°35'00" W
27.5'
SAGEMORE
NTS
VICINITY MAP
PIN#4638965800
ROBERT BARTON
PATRICIA WILDS
DB.2364 PG.1236
LOT#13 MB.13 PG.22
EX.
DRAIN FIELD
7.5 X 75' BED
EX.
SEPTIC TANK
NEIGHBORS
SEPTIC
PATIO
32.0'
COVERED PORCH
17.0'
10.0'
28.77'
30.0'
PROPOSED
ADDITION
50.0'
N 87°21'00" E
199.4'
EXISITNG
DWELLING
25.0'
3.0'
HALL
8.0'
18.0'
26.0'
D-BOX
BED
ST
N 85°18'00" E
208.0'
EX. 2"
WELL
CONC.
DRIVE
PROP.
CONC.
30.0'
23.64'
NEW
DRIVE
50.1'
30.5'
4 P 15'
3 B 48'
2 Y 53'
1 0 62'
B1
B2
B3
7 R 18'
6 0 35'
5 Y 44'
58.82'
PIN#4638964965
EDWARD FAGGART
DB.14E PG.442
PIN#4638965616
JOHNSON FAMILY TRUST
DB.2426 PG.1801
SAGEMORE RD.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4638-96-5800
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: ROBERT J. BARTON
ADDRESS: 188 SAGE MORE ROAD, MOORESVILLE, N.C. 28117
PROPOSED FACILITY: 4BR EXT
PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 188 SAGEMORE ROAD, MOORESVILLE, N.C. 28117
WATER SUPPLY: ✓Private Public ✓Well Spring Other
EVALUATION METHOD: Auger Boring ✓Pit Cut
TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

APPLICATION DATE 1-25-2023
DATE EVALUATED: 2-6-2023
PROPERTY SIZE: 0.72 AC
PROPERTY RECORDED: YES

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE 10%	0-10	FILL	MIXED	SAP INC THRU OUT	73+	NA	NA	PS .3
		10-40	C, ABK	fl, S, P, SEXP					
		40-73	CL, WABK	FR, SS, SP, SEXP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	—	PS
System Type(s)	—	CONV, BED
Site LTAR	—	0.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. White
OTHER(S) PRESENT:

COMMENTS:

PERMIT SNAPSHOT REPORT OSWP-2023-14663 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/25/2023
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	White, Bryant	**Approval Expire Date:**	

Description: Need septic tank repair or replacement. Needs exploratory dig. Please have Bryant out of Statesville come out to the site. He is familiar with the issue. DOESN'T HAVE TO GO TO BRYANT DOCUMENTS WOULD NOT OPEN REQUESTED TO SEND NEW DOCUMENTS

Parcel:	**Address:**	**Zone:**
4638965800.000 Main	188 Sagemore Rd Main Mooresville, NC 28117	RR(Resort Residential District)

Applicant/Authorized Agent	Applicant/Authorized Agent	Property Owner
Robert J Barton	Robert J Barton	Robert J Barton
188 Sagemore Rd 188	188 Sagemore Rd 188	188 Sagemore Rd 188
SAGEMORE RD	SAGEMORE RD	SAGEMORE RD
Mooresville, NC 28117-8455	Mooresville, NC 28117-8455	Mooresville, NC 28117-8455
Business: (704) 453-1230	Business: (704) 453-1230	Business: (704) 453-1230

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	1000 Gallon tank	What are the proposed structures	Other Addition/Structure
If other Addition/Structure, please explain	Septic tank	Maximum Number of Bedrooms	4	Number of Occupants	3
Foundation Type	Concrete Slab Foundation	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Robert_Barton_1/25/2023.jpg	01/25/2023 12:34	Barton, Robert		Uploaded via CSS
Site plan_v1.pdf	01/25/2023 14:05	Comeaux, Debra	Available Online	Site Plan
188 Sagemore AA Form.png	01/26/2023 10:44	Nebel, Barbara	Available Online	AA Form

Invoice No.	Fee	Fee Amount	Amount Paid
NOT INVOICED	New Gravity System	$500.00	$0.00
	Total for Invoice NOT INVOICED	$500.00	$0.00
	Grand Total for Permit	**$500.00**	**$0.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/26/2023 10:45	01/26/2023 10:45
Confirm application complete v.1	Generic Action		01/26/2023 10:45
~~**Zoning Review v.1**~~			01/26/2023 10:45
~~Iredell County Zoning Approval v.1~~	Task		01/26/2023 10:45
~~Issue Invoice v.1~~	Generic Action		01/26/2023 10:45
~~Fees Paid v.1~~	Generic Action		01/26/2023 10:45
Fees v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Lot Readiness Verification v.1			

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 300747

SEPTIC IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4638-96-5800

APPLICANT/OWNER: Bob Barton / CS+SC | APPLICANT ADDRESS: 188 Sagemore Rd. Mooresville, NC 28117

SITE ADDRESS: 188 Sagemore Rd. Mooresville, NC 28117 | PHONE: 704-453-1230 | ALT. PHONE 704-202-5791

SITE DIRECTIONS: Perth Rd North from Rt 150 → R on Sagemore → House on Right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL+T | SECTION: 14 | LOT # 13 | LOT AREA: 0.7 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: —

Septic Tank	Existing: 1000 (gal)	STB	Existing	Date	Existing		
Pump Tank	— (gal)	PT	—	Date	—		
Pump Make	—	Model	—	Serial #	—		
# Nitrification Fields	1	# Lines	Existing Gravel Bed	Linear Ft	7.5' x 75'		
Trench Width	Ex	Trench Bottom Depth(Low side)	Ex	Gravel Depth	Ex		

☒ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI

System Description: Existing: 7.5 x 75' Gravel Bed

Repair System Description: LPP PBPS (50% Reduction)

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing

No. Bedrooms: 4 | No. Persons: 8 | No. Employees: | ☒ Crawl Space | ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Recommend having septic tank pumped every 3-5 years. 30' x 30' "Prop Conc." on plan to be concrete slab with no cutting of area nor modification for positive surface drainage.

This permit is for the RELOCATION of the REPAIR AREA. Existing bed + tank were not uncovered at time of site visit. Condition is unknown. Recommend conservative water use.

INITIAL SITE SKETCH

See attached plan from CS+SC Dated: 9/10/19 Revised: 9/24/19 (Site plan)

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Adrian Pruett

LSS # 1314

AS BUILT SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☒ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Robert Barton Date: 10/30/19 Installed by:

IMPROVEMENT PERMIT by: Tom Shuck Date: 9/26/19 OPERATION PERMIT by: Tom Shuck Date: 7/21/2020

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 9/26/19 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

VERIFICATION HAS BEEN PERFORMED.
4. THIS IS NOT AN ACTUAL FIELD SURVEY
5. THE PUPOSE OF THIS MAP IS TO SHOW PROPOSED ADDITION IN RELATION TO PROPERTY LINES ONLY.
6. PRELIMINARY– NOT FOR SALES, CONVEYANCES OR RECORDATION

CURVE/ARC	LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C2	145.32	368.24	22°44'04"	S 11°23'55" E	144.37'



LAKE NORMAN

N 34°35'00" W
27.5'

S 09°31'00" E
56.6'

N 02°49'00" E
78.3'

PIN#4638965800
ROBERT BARTON
PATRICIA WILDS
DB.2364 PG.1236
LOT#13 MB.13 PG.22

EX. DRAIN FIELD
7.5 X 75' BED
EX. SEPTIC TANK
5.48'
5.01'
5.02'
17.0'
5.0'
10.0'
10.0'
COVERED PORCH
28.77'
30.0'
PATIO
32.0'
25.0'
25.0'
EXISITNG DWELLING
3.0'
3.0'
HALL 8.0'
18.0'
18.0'
26.0'
PROPOSED ADDITION
50.0'
N 87°21'00" E
199.4'
NEIGHBORS SEPTIC
D-BOX
BED
ST
N 83°18'00" E
208.0'
30.0'
23.64'
B4
EX. 2" WELL
CONC. DRIVE
PROP. CONC.
30.0'
30.0'
50.1'
60.5'
NEW DRIVE
30.0'
4 P 15'
3 B 48'
B1
58.29'
2 Y 53'
B2
1 O 62'
7 R 18'
B3 6 O 35'
5 Y 44'
C2

PIN#4638964965
EDWARD FAGGART
DB.14E PG.442

PIN#4638965616
JOHNSON FAMILY TRUST
DB.2426 PG.1801

SAGEMORE RD.
60' PUBLIC R/W

SPARKS SURVEYING

OWNER INFORMATION

Owner:	Bob Barton and Trish Wilds
Address:	188 Sagemore Rd. Mooresville, NC 28117
Buyer:	Bob Barton
Phone:	704-453-1230
County:	Iredell
Location:	188 SAGEMORE RD., CL&T LOT 13 SECTION 14
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	NA

25% GRAVITY DESIGN INFORMATION

Drainfield Design Flow (gpd):	480
Loading/Soil Application Rate (gpd/ft.^{2}):	Existing
Depth of Gravel in Trench:	Existing
Gravel Size:	Existing
Total Lateral Length For Existing:	7.5 x 75'
Total Lateral Length Required:	
Trench Depth:	Existing
Trench Width:	Existing
TOTAL AREA TRENCH BOTTOM:	Existing
Trench Spacing on Center:	
Repair Trench Spacing on Center:	8 ft.
Repair Trench Depth:	32 in.
Repair Trench Width:	24 in.
Existing Septic Tank Size:	1000 gal.
Estimated Supply Line Length:	Existing
Supply Line Diameter:	Existing
Supply Line Volume:	Existing
Dosing Volume:	NA
Supply Manifold:	Existing
Additional Comments:	Soil suitability was performed by Adrian L. Pruett LSS

188 SAGEMORE RD., CL&T LOT 13 SECTION 14
FIELD LAYOUT SPECIFICATIONS

LAYOUT FOR 4 BEDROOM RESIDENCE REPAIR RELOCATION

September 10, 2019

LINE #	FLAG COLOR	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM			NA		
HOUSE CRN		NA	NA		
P. TANK		NA	NA		
1	ORANGE	NA	NA	62	62
2	YELLOW	NA	NA	53	53
3	BLUE	NA	NA	48	48
4	PINK	NA	NA	15	15
5	YELLOW	NA	NA	44	44
6	***ORANGE***	*NA*	*NA*	*35*	*35*
7	***RED***	*NA*	*NA*	*18*	*18*
8	***EX. BED***	*NA*	*NA*	*7.5' x 75'*	*7.5 x 75'*
			Total	**275**	**275**

	LINE LENGTH	SYSTEM TYPE	SOIL LTAR GPD/FT^2	TRENCH SYSTEM	DISTRIBUTION
Ex. System	*7.5 x 75'*	*CONV.*		*GRAVEL*	*GRAVITY*
Repair	275	*MOD.*	0.300	PPBPS	LOW PRESSURE

Notes:
** TBM Is Not Required.
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags

Comments: The purpose of the this design is to relocate the existing repair area as shown on permit #17622 dated 12/28/93 and signed by Wesley Sparks R.S. for the existing 4 bedroom septic system. The existing house is only 2 bedrooms (see floor plan) with the proposed attached addtion being 2 bedrooms bringing the total bedroom count to 4 bedrooms as permitted.
The repair is shown as an LP PPBPS, partially in the designated repair location as shown on permit 17624 with the remaining located at the front left corner.
A new well area is shown for future relocation if needed.

CAROLINA SOIL & SEPTIC CONSULTING, PLLC

P.O. BOX 1703, Mooresville, NC 28115
(704) 202-5791 adrianpruett@yahoo.com
NC Licensed Soil Scientist, SC Professional Soil Classifier,
Certified Septic System Operator, Licensed Septic Installer,
Certified Septic Inspector

September 3, 2019
Project Name: 19145

SESSION LAW 2018-114, SECTION 11.(c)/HOUSE BILL 374, SECTION 11.(c) AUTHORIZATION FORM

Carolina Soil & Septic Consulting has been contracted to evaluate soil, design and submit a septic system proposal to Iredell (county) on behalf of Bob Barton and Trish Wilds (owner/applicant) for the property located at 188 Sagemore Rd., Mooresville, NC 28117; PIN 4638965800 (address/PIN).

The Licensed Soil Scientist (LSS) Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).

By completing this form, signing and dating it you agree that the permit issued by Iredell (county) will fall under the above referenced law.

Owner/Owners Legal Representative: Patricia Wilds + Robert Barton
Mailing Address: 188 Sagemore Rd.
Telephone Number: 704-453-1230
Email Address: trishwilds@yahoo.com

Pat Wilds + Robert J Barton
Signature of Owner/Owners Legal Rep.

9-3-2019
Date

The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)

Sheet 1 of 1
PROP. ID #: 4638965800
COUNTY: IREDELL

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: ROBERT BARTON
ADDRESS: 188 SAGEMORE LN MOORESVILLE 28117
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 188 SAGEMORE LN MOORESVILLE 28117
WATER SUPPLY: X PRIVATE PUBLIC WELL SPRING OTHER:
EVAL. METHOD: X A. BORING PIT CUT **WASTEWATER TYPE** X SEWAGE INDUSTRIAL PROCESS MIXED

APPLICATION DATE:
DATE EVALUATED: 8/9/2019
PROPERTY SIZE: 0.72
PROPERTY RECORDED: YES

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/C OLOR	.1943 SOIL DEPTH	.1956 SAPROLITE CLASS	.1944 RESTR HORIZON	
1	LSS 10%	0-14	R C MMABK	FI S P SEXP	COM SAP 14-46"	48"	PS	N/A	0.3
		14-36	YR C MFABK	FI S P SEXP					
		36-46	YR CL WFSBK	FR SS SP SEXP					
		46-49	VAR L SAP M	FR SS SP SEXP					
2	LSS 10%	0-22	R C MMABK	FI S P SEXP	COM SAP 0-48"	48"	N/A	N/A	0.35
		22-48	YR C WFSBK	FR SS SP SEXP					
3	LSS 10%	0-17	BR CL WFSBK	FR SS SP SEXP	FEW SAP 17-40", COM SAP 40-48"	48"	N/A	N/A	0.3
		17-40	R C MFSBK	FI S P SEXP					
		40-48	YR CL WFSBK	FR SS SP SEXP					
4	LSS 11%	0-12	YR C WFSBK	FI S P SEXP	COM SAP 0-12", MANY SAP <50% 12-48"	48"	N/A	N/A	0.35
		12-48	RY CL/SCL WFSBK	FR SS SP SEXP					

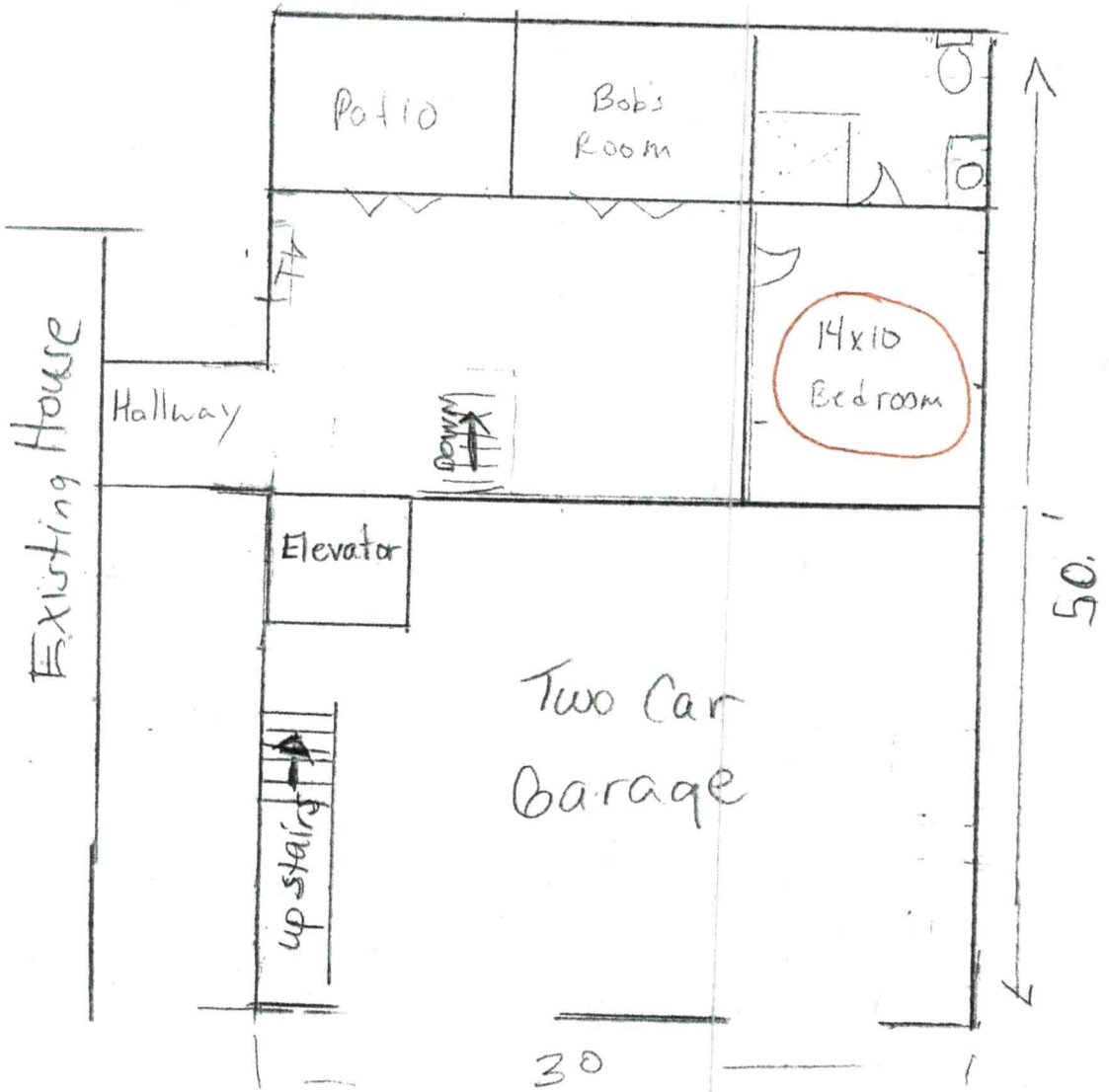
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
AVAILABLE SPACE (.1945)	EXISTING	PS
SYSTEM TYPE(S)	CONV. GRAV. BED	LP PPBPS
SITE LTAR		0.3
COMMENTS		

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ADRIAN PRUETT
OTHER(S) PRESENT: NONE

LICENSED SOIL SCIENTIST ADRIAN L. PRUETT 1314 STATE OF NORTH CAROLINA

DOSING CALCULATIONS

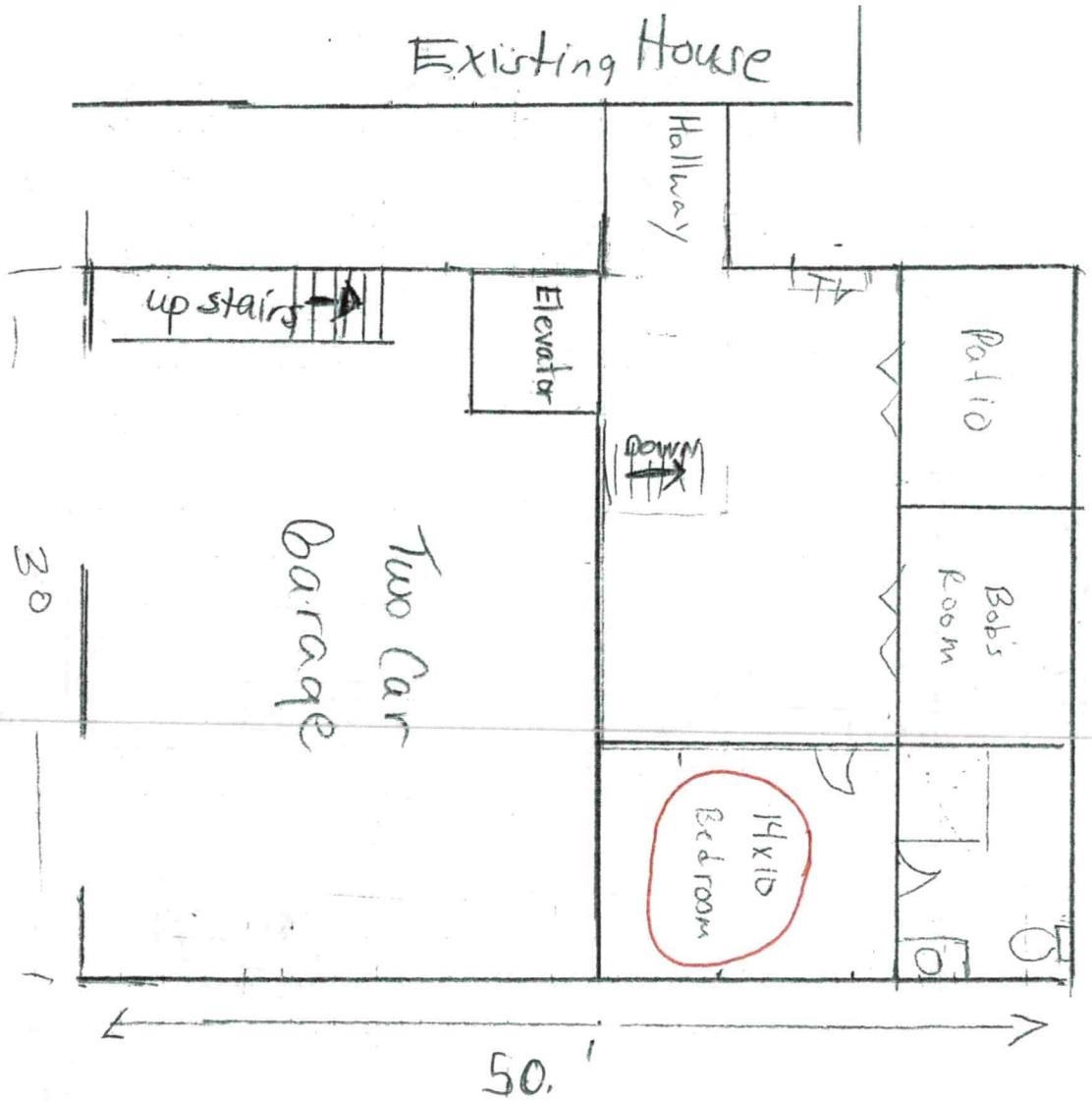
Location	188 Sagemore Rd	
Subdivision	CL&T	
Section	14	
Lot No	13	
No. of Bedrooms	4	Existing
Design Flow	480	$^{gal}/_{day}$
LTAR	Existing	$^{gal}/_{ft^2\,day}$
Supply Line Length	Existing	ft.
Supply Line Volume	Existing	gal.
Existing System	7.5 x 75'	ft.
Gallons per Minute	NA	$^{gal}/_{min}$
Existing Septic Tank Capacity	1000	gal.
Minimum Septic Tank Capacity	1000	gal.
Lateral Line Volume		gal.



Downstairs master Suite + Den

Garage

Acknowledgement Of Plans Submittal ONLY!
Robert Bantoo Date 10/30/19
Sam Shuck Date 9/26/19



Acknowledgement Of
Plans Submittal ONLY!
Robert J Bartos Date 10/30/19
Tom Shuck Date 9/26/19

Garage

Downstairs Master Suite + Den

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP300747

SEPTIC IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4638965800

APPLICANT/OWNER: Bob Barton | APPLICANT ADDRESS: 188 Sagemore Rd Mooresville NC 28117

SITE ADDRESS: 188 Sagemore Rd Mooresville NC 28117 | PHONE: 704-463-1230 | ALT. PHONE 704-202-5791

SITE DIRECTIONS: NC 115 N to L on Connector Rd, S on Cornelius Rd, L on Perth Rd, L on Harbor Landing Pk, L on Sagemore Rd, Lot on R | SAP CONTROLLED: ☐ YES ☒ NO

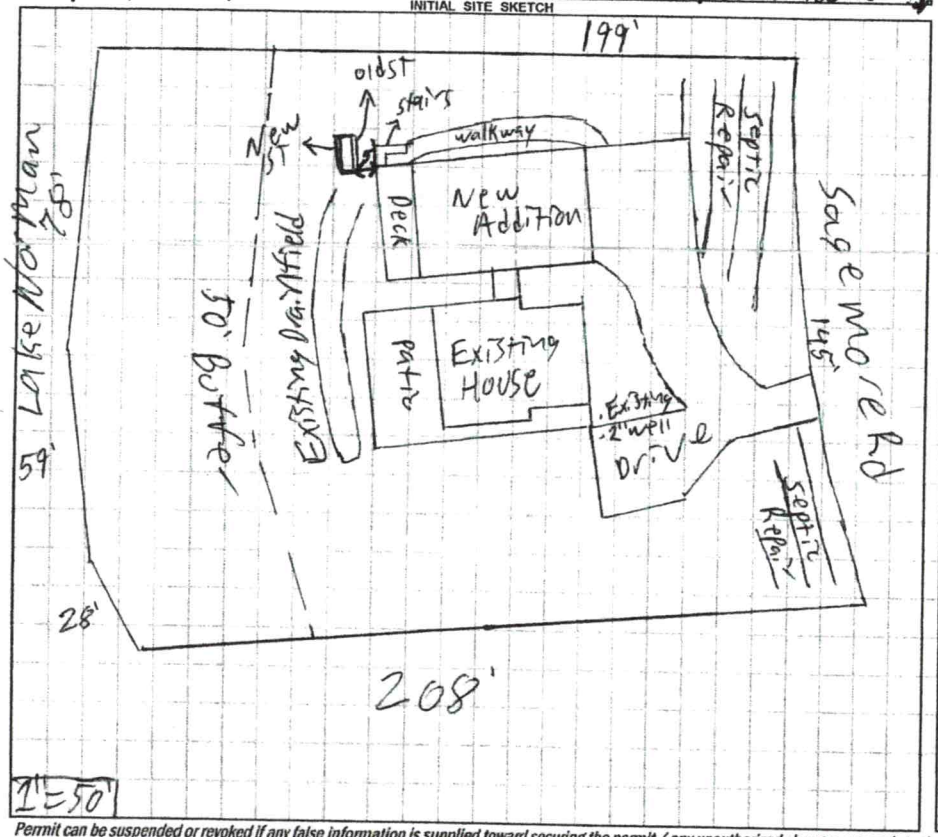
SUBDIVISION: CL and T | SECTION: 14 | LOT # 13 | LOT AREA: 0.72 acres | DESIGN FLOW: Existing | L.T.A.R.: Existing

Septic Tank	1000 (gal)	STB	Infiltrator	Date	Infiltrator	☐ New System	☒ Repair ☐ Expansion
Pump Tank	— (gal)	PT	—	Date	—	System Type:	I II III IV V VI
Pump Make	—	Model	—	Serial #	—	System Description:	New Tank
# Nitrification Fields	EXISTING	# Lines		Linear Ft.		Repair System Description:	Existing
Trench Width		Trench Bottom Depth (Low side)		Gravel Depth	EXISTING	Maintenance Agreement Required:	☐ YES ☒ NO
							☒ GRAVITY ☐ PRESSURE

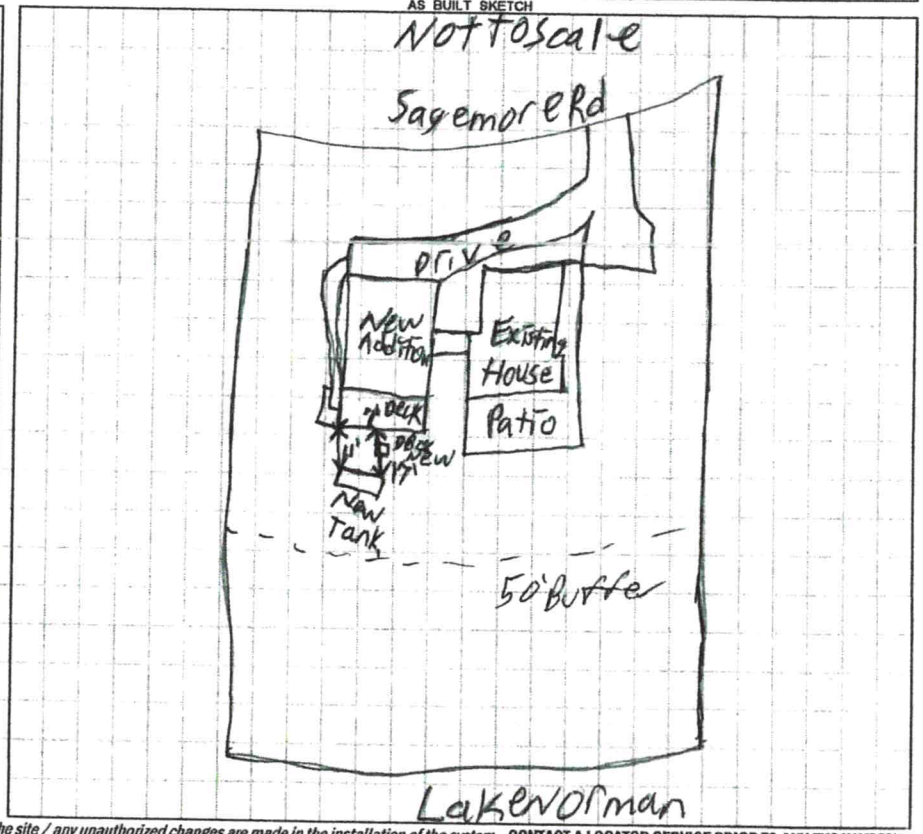
☒ Residence	No. Bedrooms	Existing	Water Supply
☐ Business	No. Persons	Existing	☒ Private
☐ Other	No. Employees		☐ Public
☒ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Pump, Crush and fill old ST. If tank is deeper than 3' under ground Tank must be traffic grade. All Property Lines, corners and 50' Buffer must be marked during time of installation and inspection by Licensed Surveyor. New ST must be 5' off any footers of deck.

INITIAL SITE SKETCH



AS BUILT SKETCH



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

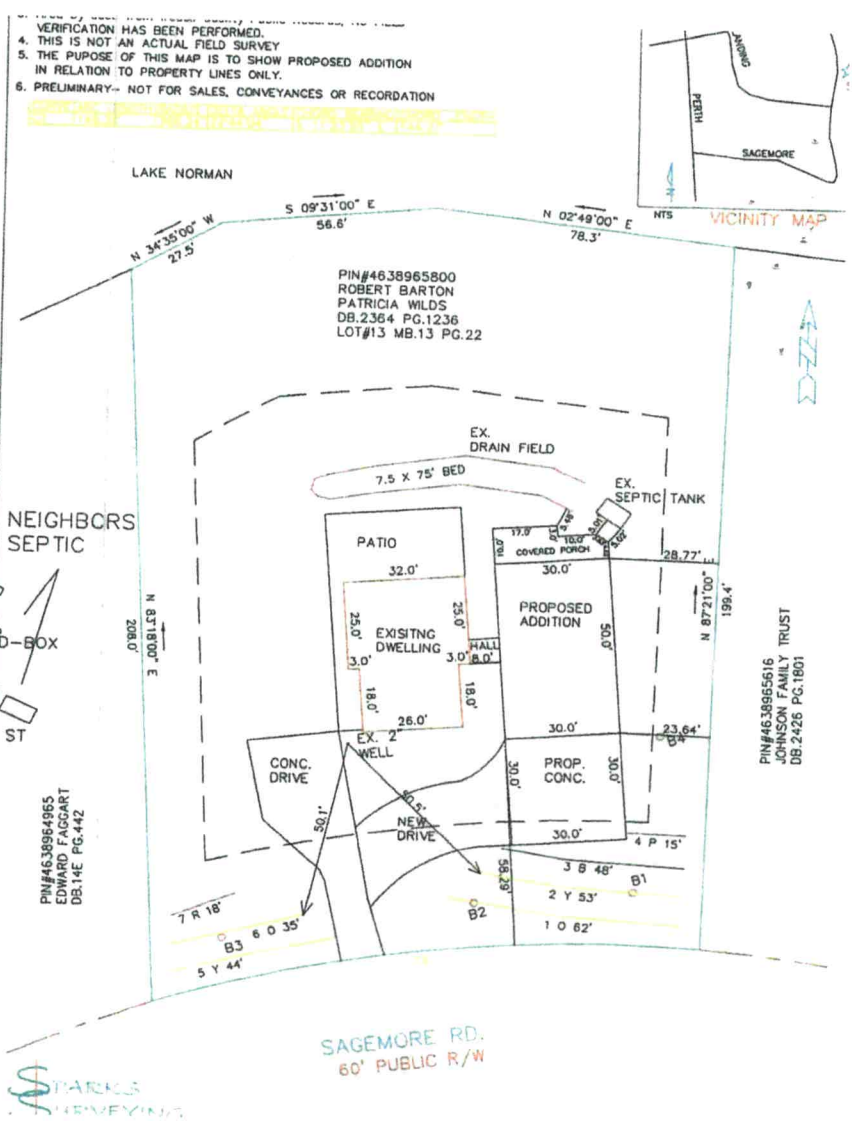
Owner / Applicant Signature: Robert H Barton | Date: 8/4/2020 | Installed by: Joe Thompson

IMPROVEMENT PERMIT by: Patrick J Bagley III | Date: 8/4/2020 | OPERATION PERMIT by: Patrick J Bagley III | Date: 8/11/2020

AUTHORIZATION TO CONSTRUCT by: Patrick J Bagley III | Date: 8/4/2020 | Existing System Inspected by: | Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

VERIFICATION HAS BEEN PERFORMED.
4. THIS IS NOT AN ACTUAL FIELD SURVEY
5. THE PUPOSE OF THIS MAP IS TO SHOW PROPOSED ADDITION IN RELATION TO PROPERTY LINES ONLY.
6. PRELIMINARY-- NOT FOR SALES, CONVEYANCES OR RECORDATION



RECEIVED JUL 30 2020

#1-aw M $150

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

133 FO

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection (X) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an **(X)** *beside whichever is submitted if applicable* ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: Robert Barton **Address:** 188 Sagemore Rd Mooresville NC **Zip:** 28117

Applicant Email: bobbarton60@gmail.com **Phone:** 704-453-1230 **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

Owner Email: _____ **Phone:** _____ **Alt. Phone:** _____

Property Information:

Street Address: 188 Sagemore Rd Mooresville NC 28117

Subdivision Name: _____ **Section/Phase:** _____ **Lot Number:** _____

Driving Directions: From Perth Rd turn onto Sagemore - house down near end of culdisack on right

Site Development Information: ***(check or complete ALL that apply***

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: 4 — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — (X) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
(X) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

( ) New Well (X) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: ***(you may rank in order of preference)*** Year existing system installed: _____

(X) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

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.

Signature: Robert Barton — 7-30-2020

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
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Iredell County Health Department

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☑ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) Robert Barton

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*
In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☐ **2.** I, Robert Barton, am the legal owner(s) of the property located at 188 Sagemoreld Mooresville NC 28117, identified as

PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____,

_____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ _____
Signature of Owner(s) Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

RECEIVED JUL 0 0 2020

HF-AWM1 $150.00

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Iredell County Health Department – Environmental Health Division

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IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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