PSB

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 247264

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

PIN # 4626-21-5267

APPLICANT/OWNER: Brian Adkins | APPLICANT ADDRESS: 158 Barber Loop Mooresville, NC

SITE ADDRESS: 158 Barber Loop Mooresville, NC 28117 | PHONE: 980-635-4951 | ALT. PHONE

SITE DIRECTIONS: BSR → Chuckwood → L on Barber Loop | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Water tree Landing | SECTION: 5 | LOT # 93 | LOT AREA: 0.76 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: 0.30

Septic Tank 1000 (gal)	STB 794	Date 7-30-12	☒ New System ☐ Repair ☐ Expansion System Type: I II (III)B IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank 1000 (gal)	PT 27	Date 7-16-12	System Description: PM - 25% Reduction (existing)	☐ Business	No. Persons 8	☒ Private
Pump Make Goulds	Model WE0311M	Serial #	Repair System Description: PM 25% Reduction	☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 6	Linear Ft 480	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth(Low side) 36"	Gravel Depth —	☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: System installed & received satisfactory final inspection w/ OP issued 11-26-12. Fill (unsuitable) soil was observed on the lot by previous department staff on 6-22-12. This updated soil information (suitability) is likewise accepted under 2018-114 (House Bill-374) Sec. 11(c) 130A-335(a2)

INITIAL SITE SKETCH

See attached plans from Thompson Environmental Consulting, Inc.

Dated 7-12-19 Larry Thompson LSS# 1287

This permit is issued pursuant to Section 11(c) of SL 2018-114 using the signed & sealed LSS evaluation attached here

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.*

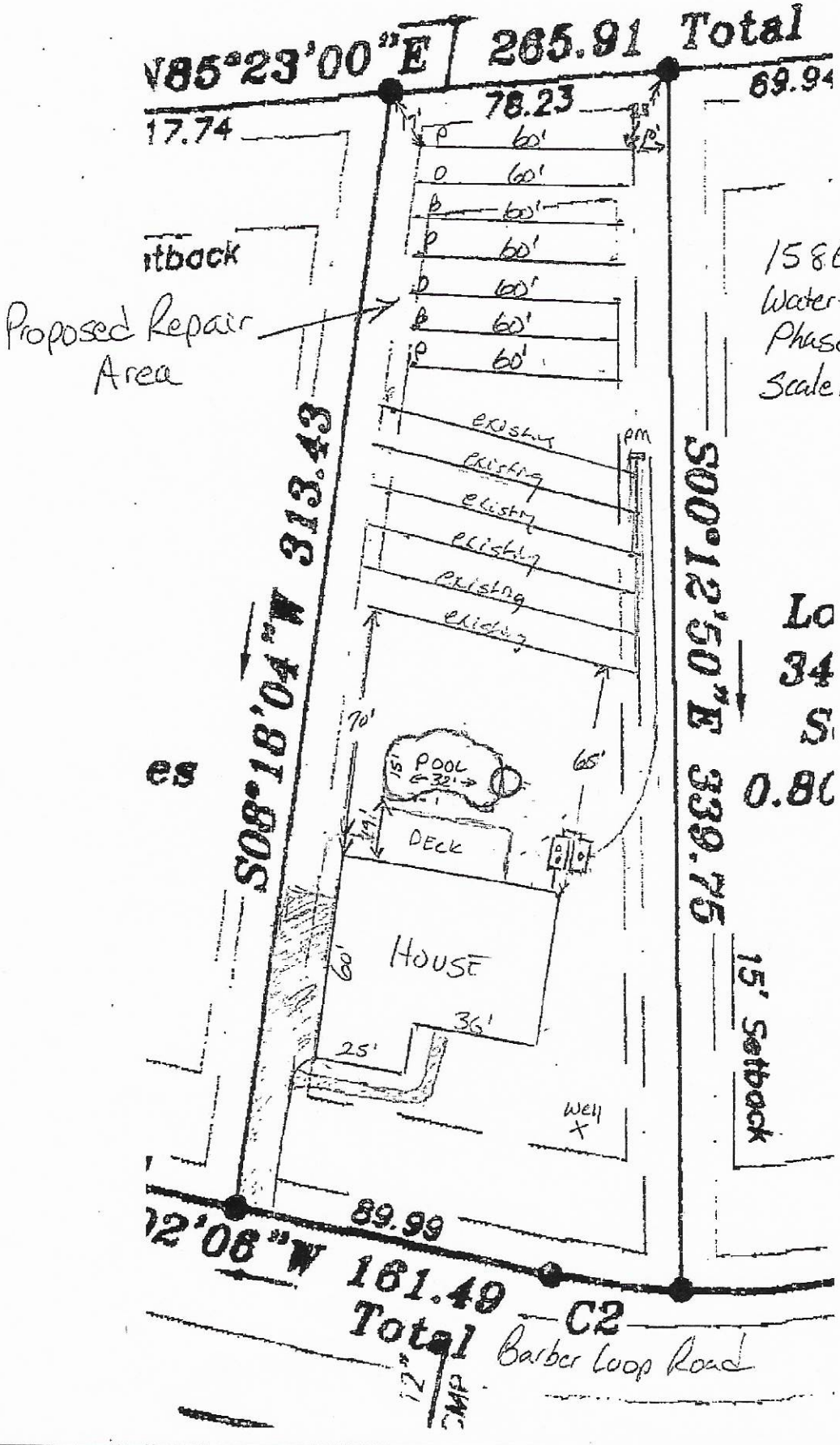
Owner / Applicant Signature: [signature] Date: 1/9/20 Installed by:

IMPROVEMENT PERMIT by: Tom Thuck Date: 9/6/19 OPERATION PERMIT by: Tom Thuck Date: 9/6/19

AUTHORIZATION TO CONSTRUCT by: Tom Thuck Date: 9/6/19 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.

O.B. 1264, F


N85°23'00"E 265.91 Total
69.94
78.23
17.74
60'
60'
60'
60'
60'
60'
60'
Proposed Repair Area
158 Barber Loop Road
Watertree Landing
Phase 5 - Lot 93
Scale: 1 inch = 40 feet
existing
existing
existing
existing
existing
existing
pm
S08°18'04"W 313.43
S00°12'50"E 339.75
70'
65'
POOL
32'
15'
DECK
HOUSE
60'
36'
25'
Well
15' Setback
89.99
12'06"W 161.49
Total
C2
Barber Loop Road
12"
CMP

(Relo) Session *Law* 2/17/2019 $500 PD on Pre

PAGE 1: APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) Authorization to Construct (X) Existing System Inspection ( ) 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 .1955(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 (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Brian Adkins Address: 158 Barber Loop, Mooresville Zip: 28117
Applicant Email: foreverbaby@hotmail.com Phone: 980-635-4951 Alt. Phone: _____
Owner Name: Brian Adkins Address: Same Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 158 Barber Loop, Mooresville, NC 28117
Subdivision Name: Waterfree Landing Section/Phase: 5 Lot Number: 93
Driving Directions: From Mooresville, take Brawley School Rd to Chuckwood Road. Turn right onto Chuckwood Road travel 1/8 of a mile and turn left onto Barber Loop Rd.

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

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 6
(X) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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: 2/3e/12
(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.

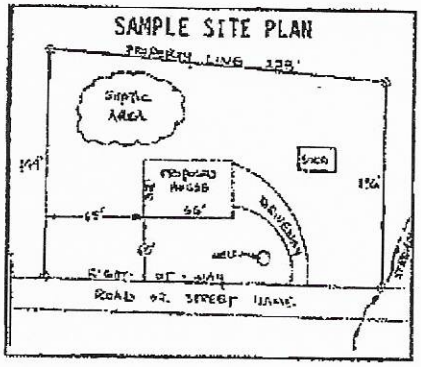
Signature: _____ 7/17/19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Relocating Repair Area for Pool

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***



Place an (X) beside each item as you complete the site plan:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

- Location of septic systems and wells within 100' of your property (N/A)
- Location of easements and rights of ways on your property (N/A)
- Location of any designated wetlands on the property (N/A)

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached

Signature: _____ 7/17/19

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

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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)* _____

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, Brian Adkins, am the legal owner(s) of the property located at 158 Barber Loop, Mooresville, NC, identified as

PIN (Parcel Identification Number) 4626-21-5267, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Larry Thompson, US Thompson Environmental Consulting, 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.

_____ 7/17/19

Signature of Owner(s) Date

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

Residential Subsurface Wastewater Treatment and Disposal System Repair Proposal

for

158 Barber Loop Road
Mooresville, North Carolina 28117

Tax Parcel # 4626215267.000
Iredell County Septic Permit # 150144
July 12, 2019

Prepared for:

Brian Adkins
158 Barber Loop Road
Mooresville, North Carolina 28117
989-635-4951



Prepared by:

Larry Thompson, REHS, PWS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
Fax: 206-350-8895
larry@thompsonenv.com



cc: Iredell County Environmental Health

Details

Mr. Brian Adkins has contracted with Thompson Environmental Consulting, Inc. (TEC) to prepare a Session Law 2018-114 Section 11. (c) septic proposal that will allow for a pool addition by relocating the proposed repair area for his home located at 158 Barber Loop Road, Mooresville, NC.

Based upon a soils investigation performed by TEC on the 0.76-acre lot, it has been determined that a sufficient amount of "Suitable" Group IV soils are available for the installation of a pump-to accepted repair system, with a 25% reduction approval, at a 0.3 GPD/ft. sq. long term acceptance rate (LTAR). The original system (Permit Number 150144 is a pump-to accepted system that was placed into operation on November 26, 2012.

Mr. Adkins would like to request that the Iredell County Environmental Health (ICEH) revise the original repair area for his residence and issue a pool permit based upon the following proposal and the enclosed Licensed Soil Scientist Evaluation, which is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

Location

From Mooresville, take Brawley School Road to Chuckwood Road. Turn right onto Chuckwood Road, travel 0.8 of a mile and turn left onto Barber Loop Road. 158 Barber Loop Road will be located on the right in 0.2 of a mile.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, December 2018.

Accepted Wastewater System No. AWWS-2005-02-R6; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, August 21, 2015.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
SC Certified Professional Soil Classifier No. 111
NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. Existing

B. Pump Tank

1. Existing

C. Pipe, Fittings and Supply Line

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC and fitted with pressure rated couplings.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.
3. Supply line will be approximately 80 feet long and consist of a 2-inch SCH 40 PVC pipe with pressure fittings.

D. Distribution Method

1. The repair field will be fed by a pressure manifold.

E. Drainfield Installation

1. The repair drainfield has been previously laid out on-site utilizing metal stemmed flags.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition.
3. The specified repair system the shallow placed innovative wastewater system "Biodiffuser" ARC 36, Infiltrator Quick4, or other systems with a 25% reduction approval granted by the state.
4. The repair drainfield consists of seven (7) lateral trenches 3-foot wide by 60 feet in length.
5. The maximum trench depth for the repair system shall be **24 inches**.
6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.

F. Final Landscaping

1. The final soil cover over the drainfield shall be a minimum of 6 inches deep.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

Maintenance

H. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25 percent of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When it becomes necessary to clean the effluent filter, the filter should be removed and the accumulated debris washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

Repair Design Specifics

Daily Design Flow:	480 GPD – 4 bedroom house
Septic Tank Size:	Existing
Pump Tank Size:	Existing
Effluent Loading Rate:	0.3 GPD/SqFt Design LTAR = 0.286
Drainfield Type:	Accepted with 25% Reduction
Distribution Method:	Pressure Manifold
Number of Taps:	7
Tap Specifics:	½ Inch Schedule 80 PVC
Pump Requirements:	38.36 GPM at 19 Feet TDH
Drainlines:	(7) 3' Wide x 60' Long
Total Trench Length:	420 Linear Feet
Maximum Trench Depth:	24 inches
Final Cover Requirement:	6 inches (minimum)

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

PROPERTY ID #: 4626215267,000
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Brian E. Adkins
ADDRESS: 158 Barber Loop Road, Mooresville, NC 28117
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 180 gpd
LOCATION OF SITE: 158 Barber Loop, Mooresville, NC 28117

DATE EVALUATED: 7-2-19
PROPERTY SIZE: 0.76 ac
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 10%	0-9	SBK/scl	FR/ss/sp/se/P	N/A	48+	N/A	N/A	PS 0.3
		9-48+	SBK/C	FI/s/P/se/P					
2	LS 10%	0-5	SBK/scl	FR/ss/sp/se/P	N/A	48+	N/A	N/A	PS 0.3
		5-48	SBK/C	FI/s/P/se/P					
3	LS 12%	0-7	SBK/scl	FR/ss/sp/se/P	N/A	40"	II L	N/A	PS 0.3
		7-40	SBK/C	FI/s/P/se/P					
4	LS	0-12	SBK/scl	FR/ss/sp/se/P	N/A	50+	NA	NA	PS 0.3
		12-50+	SBK/C	FI/s/P/se/P					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): Provisional
EVALUATED BY: L. T. Thompson
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST — GARY B. THOMPSON, JR. — 1287 — STATE OF NORTH CAROLINA

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

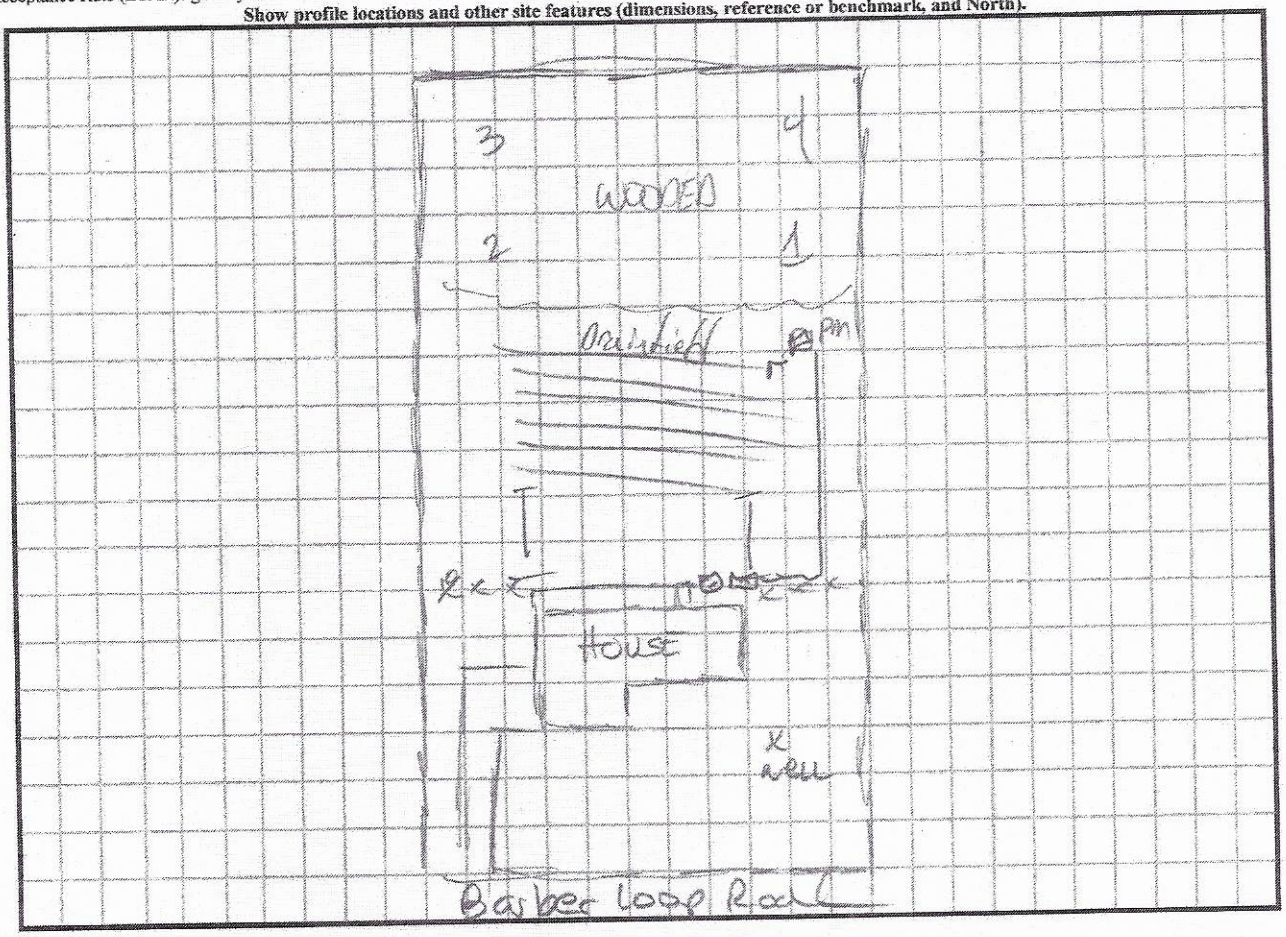
NOTES

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)

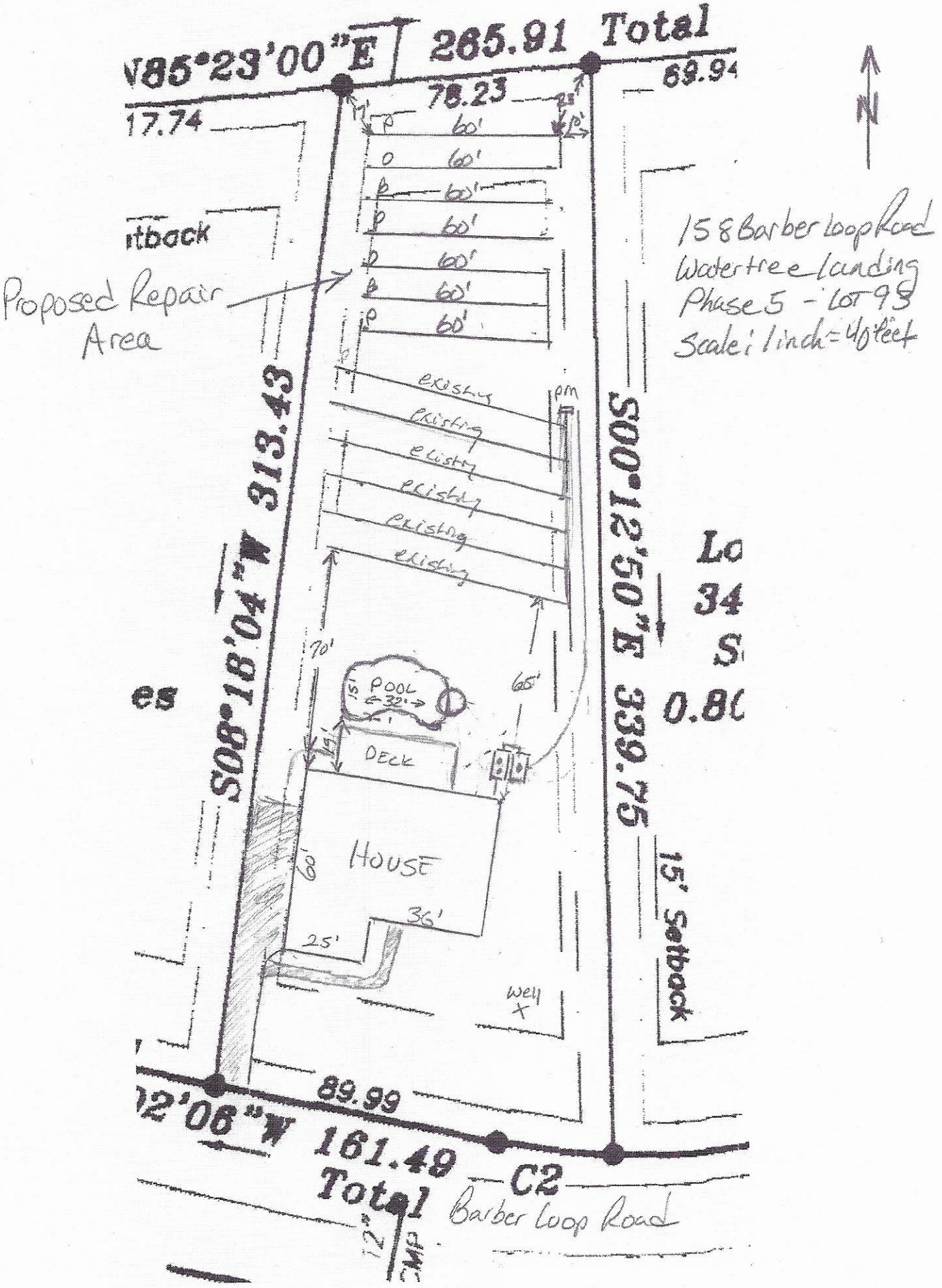
Evaluation of saprolite shall be by pits.

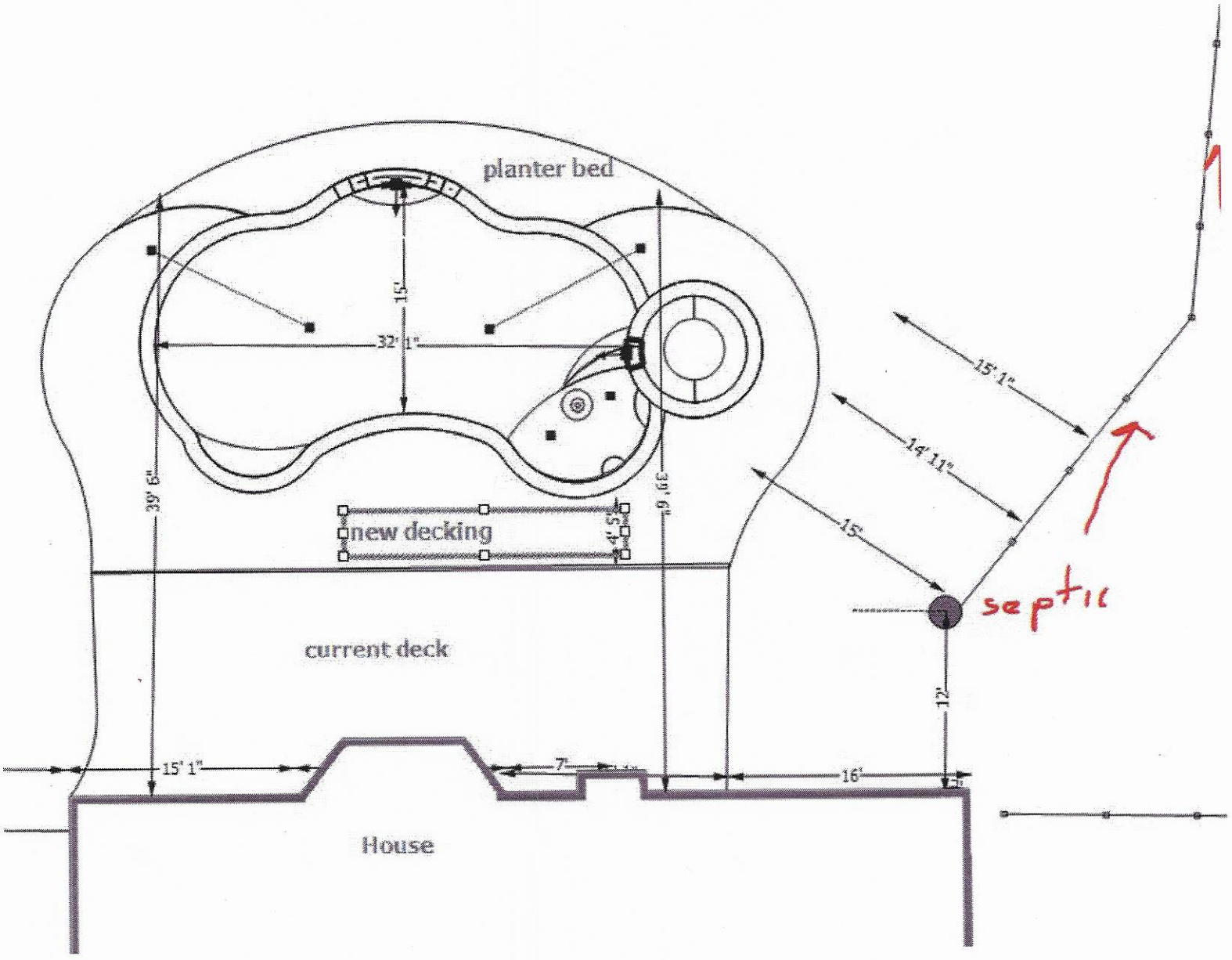
Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



O.B. 1264, F


N85°23'00"E 265.91 Total
69.94
78.23
17.74
60'
60'
60'
60'
60'
60'
60'
itback
Proposed Repair Area
158 Barber Loop Road
Watertree Landing
Phase 5 - Lot 98
Scale: 1 inch = 40 feet
existing
existing
existing
existing
existing
existing
pm
S08°18'04"W 313.43
S00°12'50"E 339.75
70'
65'
15' POOL
32'
DECK
HOUSE
60'
36'
25'
well
15' Setback
89.99
12'06"W 161.49
Total
C2
Barber Loop Road


planter bed
15'
32' 1"
39' 6"
39' 6"
new decking
4' 5½"
current deck
15' 1"
14' 11"
15'
septic
12'
15' 1"
7'
16'
House

9m

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

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

PERMIT # 150144 PIN # 4626-21-5767 DATE 6-25-12

OWNER or APPLICANT LAKE LUXURY HOMES PHONE: Business 704-516-7244 Home:

OWNER or APPLICANT ADDRESS PO Box 3792 Mooresville 158 Barber Loop

LOCATION / DIRECTIONS BSR, TR CHUCKWOOD, TL BARBER LOOP, ON R

SUBDIVISION WATERTREE LANDING BLOCK / SECTION LOT # 93 LOT AREA .76AC DESIGN FLOW 480 L.T.A.R. .25

Septic Tank 1000 Gallons: STB 794 Date 7-30-12
Pump Tank 1000 Gallons: PT 77 Date 7-16-12
Pump Make GOULDS Model WE0511M Serial #
Nitrification Field No Fields 1 No Lines 6 Linear Feet 480'
Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth —

☒ New System ☐ Repair ☐ Expansion System Type I II III IV V VI
System Description: PM - 25% REDUCTION
Repair System Description: SAME
Maintenance Agreement Required ☐ YES ☒ NO
☐ GRAVITY ☒ PRESSURE

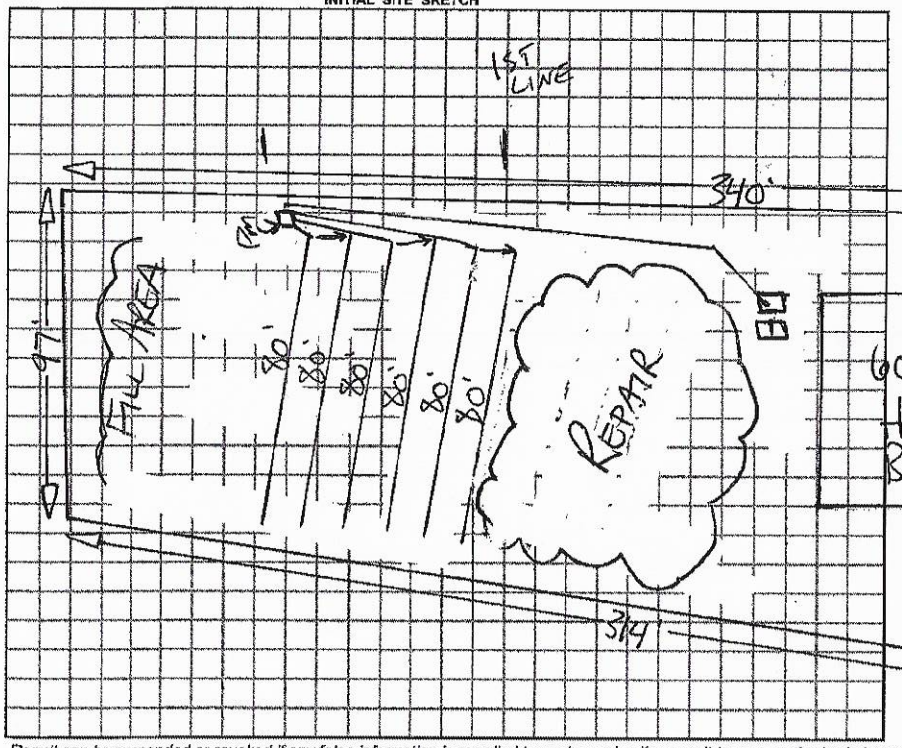
☒ Residence No. Bedrooms 4
☐ Business No. Persons
☐ Other No. Employees
☐ Slab ☒ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

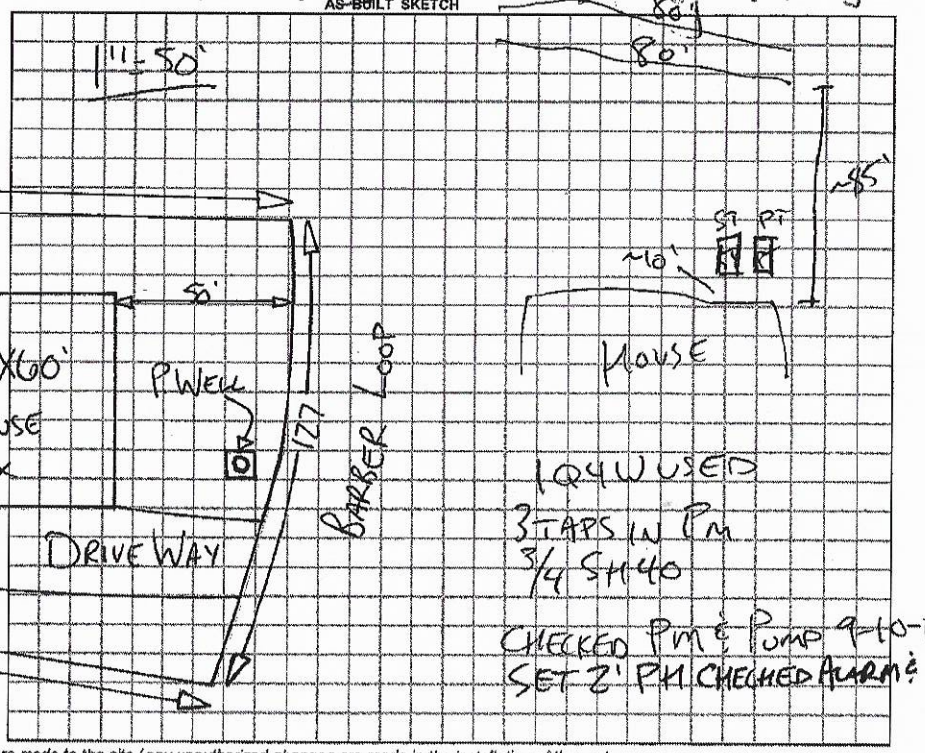
Comments / Conditions

Comments / Conditions ① FILL WILL NEED TO BE REMOVED FOR REPAIR IN THE FUTURE ② OK TO USE 3 TAPS (3/4 SCH. 40) 1117 1/2 NEMA 4X Box only 3" above grade PT lid not 6" above grade

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.

☐ IMPROVEMENT PERMIT w / plat valid without expiration. ☐ IMPROVEMENT PERMIT w / site plan valid for 60 mos. ☒ ~~AUTH~~ORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT-not to exceed 60 mo.

Owner / Applicant Signature: Date 6-25-12

Improvement Permit by: REHS Date 6-25-12

Authorization to Construct by: REHS Date 6-25-12

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

Installed by: WASTEWATER SOLUTIONS

Operation Permit by: Date: 11-26-12

Existing System Inspected by: Date:

WHITE COPY Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant

DocuSign Envelope ID: 918F18B9-AAC9-443C-BEE4-DE342BF80693

AGENT AUTHORIZATION FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. 93 PHASE 5 PARCEL ID: 4626215267.000

STREET ADDRESS: 158 Barber Loop Road (Watertree Landing)
Mooresville, NC 28117

Please print:

Property Owner: Brian E. Adkins

Property Owner: _____

The undersigned, registered property owners of the above noted property, do hereby authorize

Larry Thompson, LSS (Contractor / Agent), of Thompson Environmental Consulting, Inc. (Name of consulting firm)

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of this permit or certification and any and all standard and special conditions attached.

Property Owner's Address (if different than property above):

_____

Telephone: 980-635-4951

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

From the Consultant: The LSS Evaluation attached to this application is to be used to produce a design and construction features for permitting in accordance with Session Law 2018-114 Section 11.(c).

Owner Signature: Brian Adkins
DocuSigned by: 3C18464E2071443...

Date: 7/6/2019

Owner Signature: _____

Date: _____

DocuSign SECURED

Certificate Of Completion

Envelope Id: 918F18B9AAC9443CBEE4DE342BF80693
Subject: Agent Authorization Form
Source Envelope:
Document Pages: 1
Certificate Pages: 1
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Signatures: 1
Initials: 0

Status: Completed

Envelope Originator:
Larry Thompson
PO Box 541
Midland, NC 28107
larry@thompsonenv.com
IP Address: 108.70.197.25

Record Tracking

Status: Original
7/5/2019 7:07:48 PM

Holder: Larry Thompson
larry@thompsonenv.com

Location: DocuSign

Signer Events	Signature	Timestamp
Brian Adkins foreverlucky61@hotmail.com Security Level: Email, Account Authentication (None)	DocuSigned by: Brian Adkins 3C18464E2071443...	Sent: 7/5/2019 7:09:53 PM Viewed: 7/6/2019 12:39:46 AM Signed: 7/6/2019 12:40:28 AM
	Signature Adoption: Pre-selected Style Using IP Address: 174.108.50.86	

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp

Editor Delivery Events	Status	Timestamp

Agent Delivery Events	Status	Timestamp

Intermediary Delivery Events	Status	Timestamp

Certified Delivery Events	Status	Timestamp

Carbon Copy Events	Status	Timestamp

Witness Events	Signature	Timestamp

Notary Events	Signature	Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	7/5/2019 7:09:53 PM
Certified Delivered	Security Checked	7/6/2019 12:39:46 AM
Signing Complete	Security Checked	7/6/2019 12:40:28 AM
Completed	Security Checked	7/6/2019 12:40:28 AM

Payment Events	Status	Timestamps

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
247264
Issue Date: 08/06/2019

ZONING PERMIT

Parcel Number	Street Address	Jurisdiction
4626215267.000	158 BARBER LOOP, MOORESVILLE, NC	IREDELL COUNTY

Owner Information		Applicant Information	
Owner:	ADKINS, BRIAN E.	Applicant:	ADKINS, BRIAN E.
Address:	158 BARBER LOOP	Address:	158 BARBER LOOP
	MOORESVILLE, NC 28117		MOORESVILLE, NC 28117
Phone:	980-635-4951	Phone:	980-635-4951

Use Requested	Zone Code
POOL---HAS TO RELOCATE REPAIR AREA FOR POOL	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.760		10.00	10.00	10.00	CACL	X

Remarks:

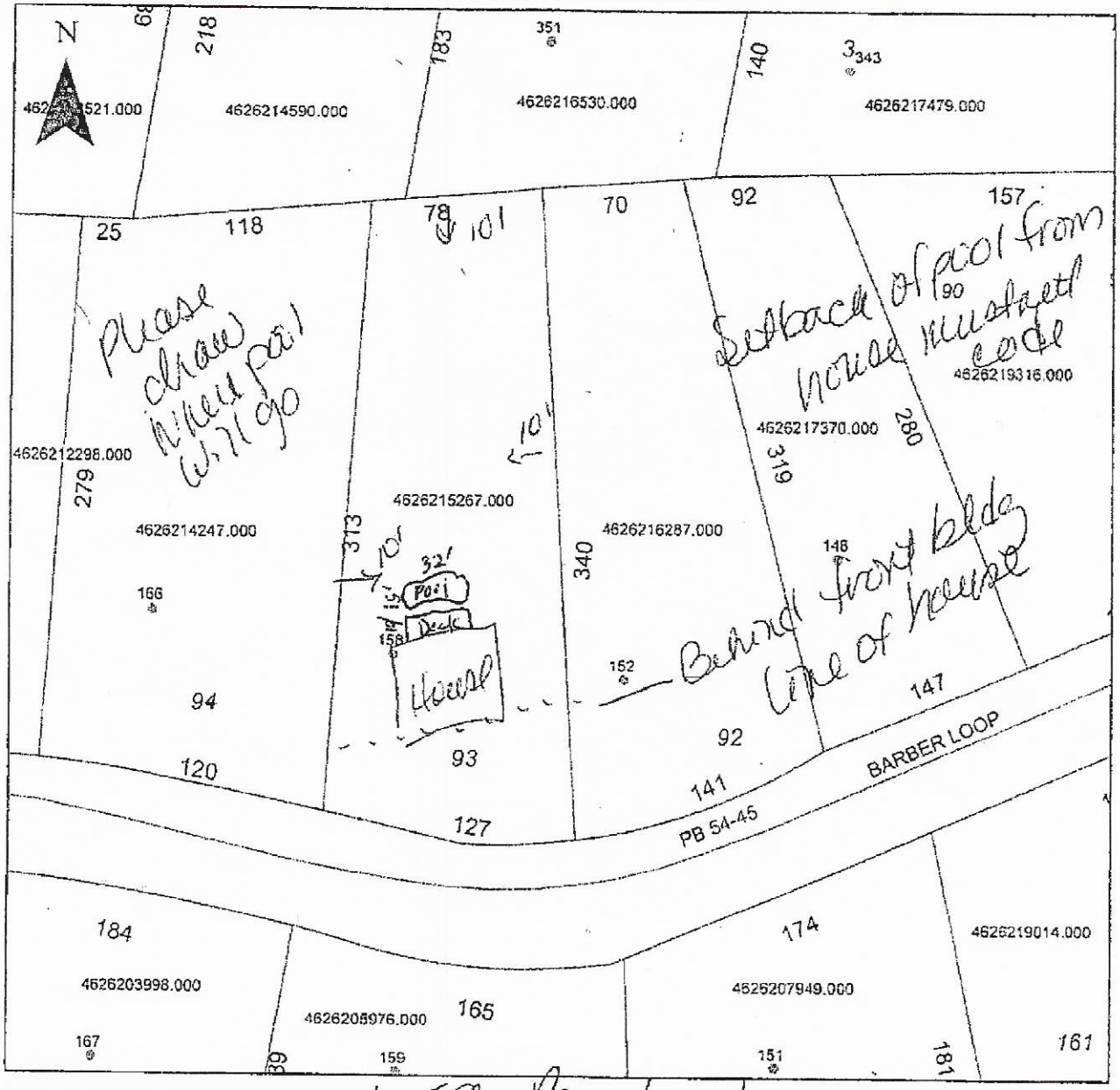
Swimming Pool: Must meet requirement R22 of the LDC. Pools shall be located to comply with minimum setbacks for accessory structures- located behind front building line of house, 10 Æ from side & rear property line. Lake lots must meet the 50 Æ setback from the 760 contour line AND the 35 Æ setback from the rear property line. Pools that are not an integral part of the principal building shall be located at least the minimum distance from the principal building necessary to comply with N.C. Building Code. Setback from house could be +/-10 Æ. Fenced with a minimum 4 Æ in height, and equipped with self-closing and positive self-latching gate provided with hardware for permanent locking. Fence not required for above ground pools if they are at least 4 Æ in height, the ladder removed, or when NOT in use have a gate to the ladder as described above. SETBACK TO STRUCTURE COULD BE MORE OR

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	187807	TOTAL FEES:	$ 77.25

ZONING DISCLAIMER



Property Address 158 Barber Loop

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that the enforcement of deed restrictions, plat conditions, and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant

8/2/19
Date