IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 239274

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

PIN # 4752750108.645

APPLICANT/OWNER: Walter Poteat APPLICANT ADDRESS: 645 Shiloh Rd, Statesville

SITE ADDRESS: 645 Shiloh Rd, Statesville PHONE: 704-682-8536 ALT. PHONE 704-872-4073

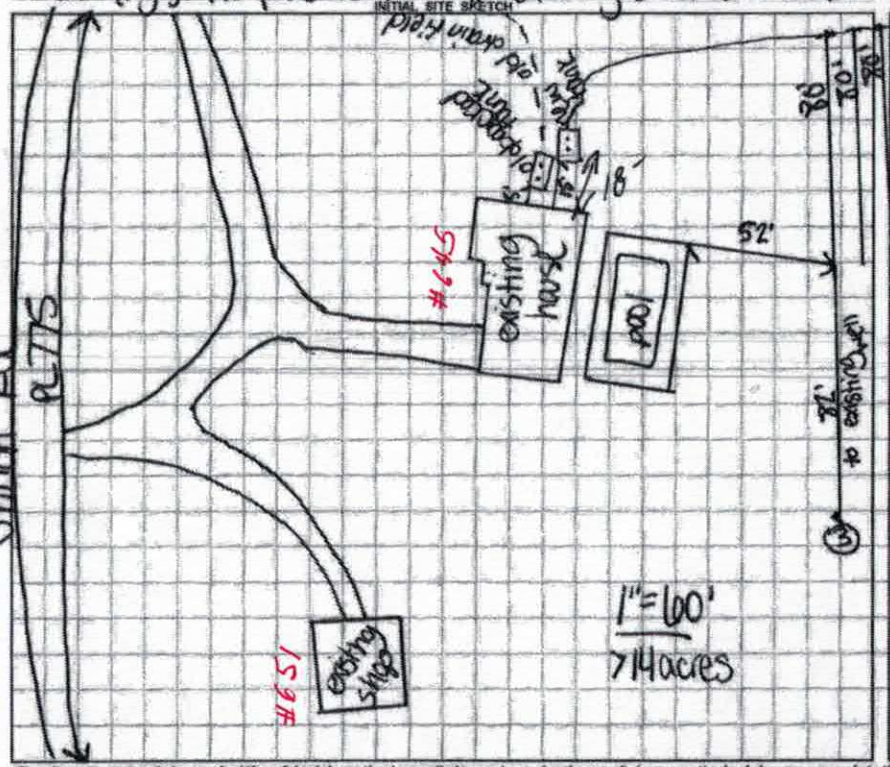
SITE DIRECTIONS: 70E → R on Shiloh → on Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 14.44ac DESIGN FLOW: 240gpd L.T.A.R.: .25

Septic Tank 1000 (gal)	STB 760	Date 8-20-18	☐ New System ☒ Repair ☐ Expansion System Type: I II (III) IV V VI		☒ Residence	No. Bedrooms 4		Water Supply
Pump Tank (gal)	PT	Date	System Description:		☐ Business	No. Persons		☒ Private
Pump Make	Model	Serial #	Repair System Description: tank / 75% reduction		☐ Other	No. Employees		☐ Public
# Nitrification Fields 1	# Lines 3	Linear Ft 240'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width 36"	Trench Bottom Depth(Low side) 32"	Gravel Depth —	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing		☒ Basement w/o plumbing	

Comments / Conditions: Install on contour & utilize serial distribution. Do not exceed max trench depth of 36" (high). Pump, crush, & fill existing cracked tank.

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: Walter K Poteat Date: 11-5-18 Installed by: Sonny Reavis

IMPROVEMENT PERMIT by: Carla C. Cave Date: 11/5/18 OPERATION PERMIT by: [signature] Date: 12-7-18

AUTHORIZATION TO CONSTRUCT by: Carla C. Cave Date: 11/5/18 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 inspector to confirm your inspection time.

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

Sheet 1 of 1
PROPERTY ID #: 4752750682
COUNTY: Iredell

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

OWNER: Walter Poteat
ADDRESS: 1645 Shilon Rd
PROPOSED FACILITY: 2BR
LOCATION OF SITE: 1645 Shilon Rd
PROPOSED DESIGN FLOW (.1949): 240gpd
APPLICATION DATE: 10/30/18
DATE EVALUATED: 11/5/18
PROPERTY SIZE: 14 ac
PROPERTY RECORDED: Y

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 R	ridge/ ss 9%	0-6	SBK SCL	Fr ss sp sbxp	mica, sap inc @ 43"	48"	N/A	N/A	PS .3
		6-25	SBK C	Fr ss sp sbxp					
		25-48	SBK CL	Fr ss sp sbxp					
2 R	ridge/ ss 9%	0-6	SBK SCL	Fr ss sp sbxp	few sap inc.	48"	N/A	N/A	PS .25
		6-27	ABK C	Fr ss sp sbxp					
		27-48	SBK CL	Fr ss sp sbxp					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		240'
System Type(s)		25%
Site LTAR		.25

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: C. Cave
OTHER(S) PRESENT: B. Botkins

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		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
			None	None		

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

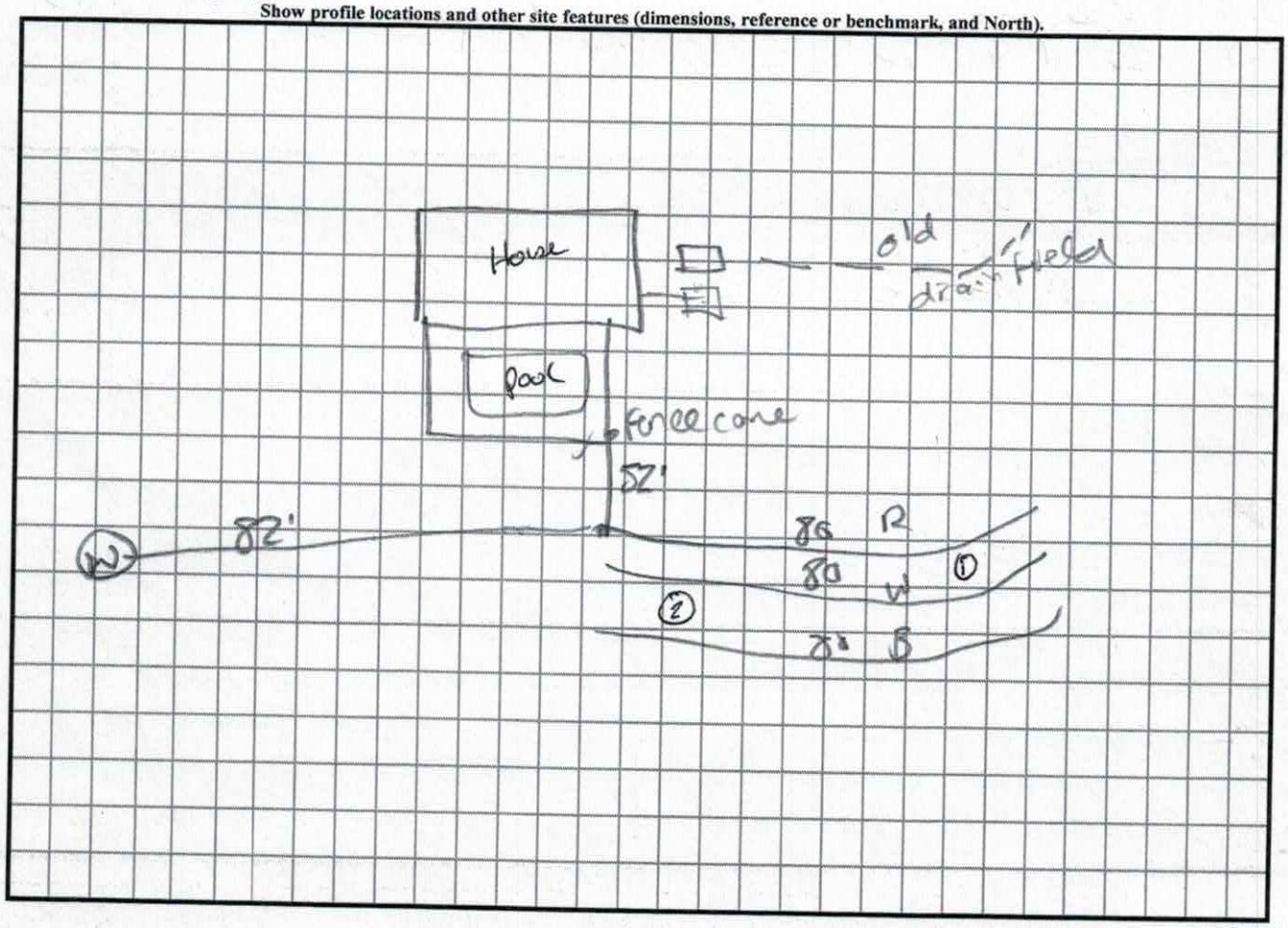
NOTES

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).



RECEIVED OCT 3 1 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Repair Evaluation No Chg #239274

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct ( ) 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 .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: Walter Poteat Address: 645 Shiloh Rd Statesville Zip: 28677
Applicant Email: FDD.mPoteat@Gmail.com Phone: 704-682-8536 Alt. Phone: 704-872-4073
Owner Name: SAME Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 645 Shiloh Rd Statesville, N.C. 28677
Subdivision Name: _____ Section/Phase: _____ Lot Number: _____
Driving Directions: Hwy 70 E Turn Rt on Shiloh Rd aprox 2.3 mi. on lft

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: 2 — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 4 — ( ) Concrete Slab Foundation
( ) Accessory Building — (✓) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: shop — (✓) Basement without Plumbing
(✓) 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: Septic people said I need Drain Lines also
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

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

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative (✓) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) 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: Walter K. Poteat — 10-30-18
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*) Walter K Poteat

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, Walter Poteat, am the legal owner(s) of the property located at 645 Shiloh Rd, 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.

Walter Poteat
Signature of Owner(s)

10-30-18
Date

Mooresville - Environmental Health
adrienne.shea@co.iredell.nc.us
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

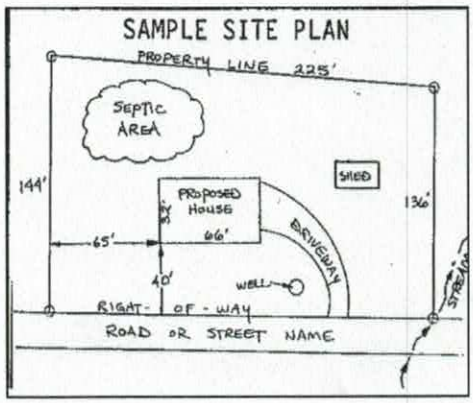
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

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



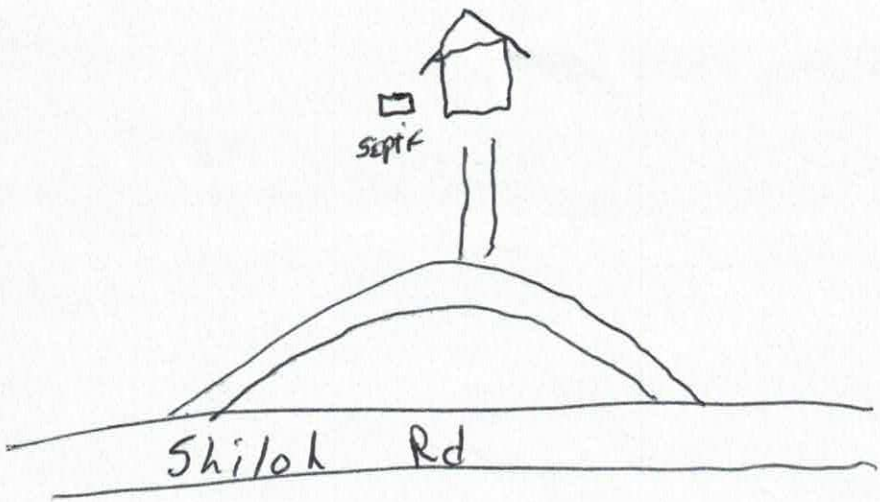
Circle N/A on the following if appropriate:

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

E
N + S
W



Signature: Walter K Potts
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

10-30-18
DATE