IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 24426

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

PIN # 4843874336

APPLICANT/OWNER: Anthony Williams APPLICANT ADDRESS: 120 Mitch Rd

SITE ADDRESS: 120 Mitch Rd, Union Grove 28689 PHONE: 704-883-4323 ALT. PHONE —

SITE DIRECTIONS: 77 exit US L on 901 → R on Howards Bridge → L on Mitch → on R SAP CONTROLLED: ☐ YES ☒ NO

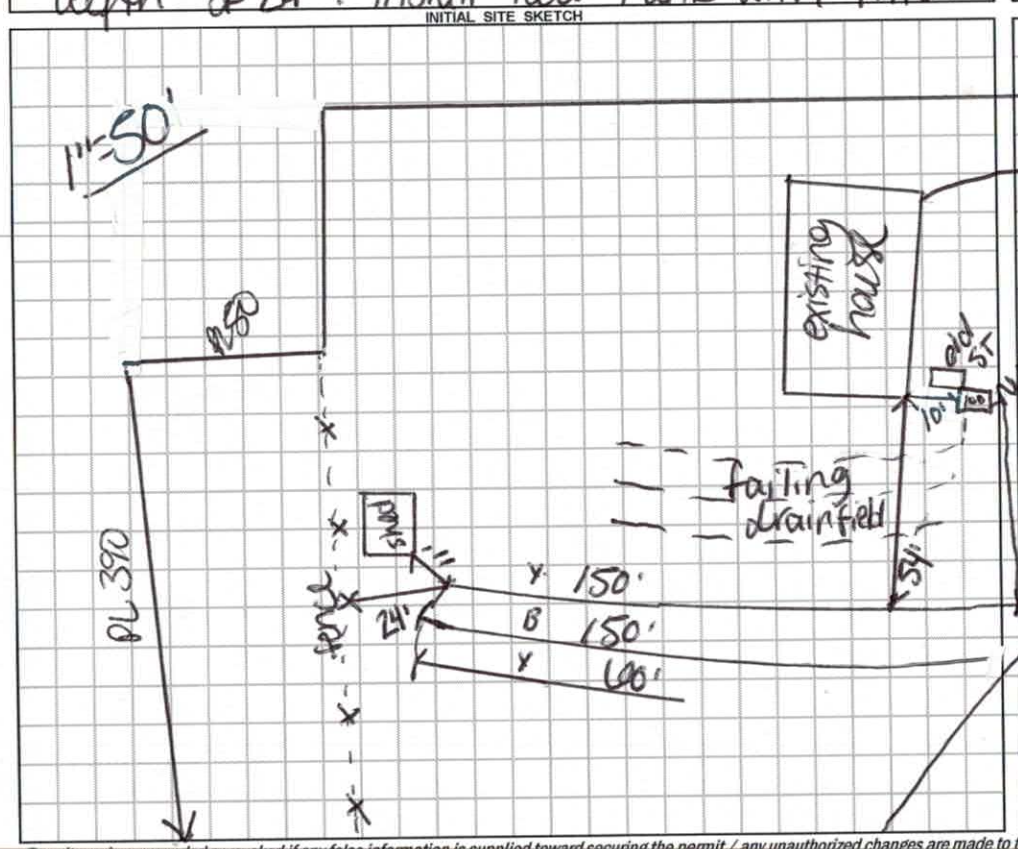
SUBDIVISION: — SECTION: — LOT # — LOT AREA: 1.5ac DESIGN FLOW: 300 gpd L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	700	Date	3/13/19	☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:				
Pump Make			Model		Serial #		Repair System Description:	75% reduction			
# Nitrification Fields	1		# Lines	3	Linear Ft	360'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"		Trench Bottom Depth(Low side)	20"/24" high	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE			

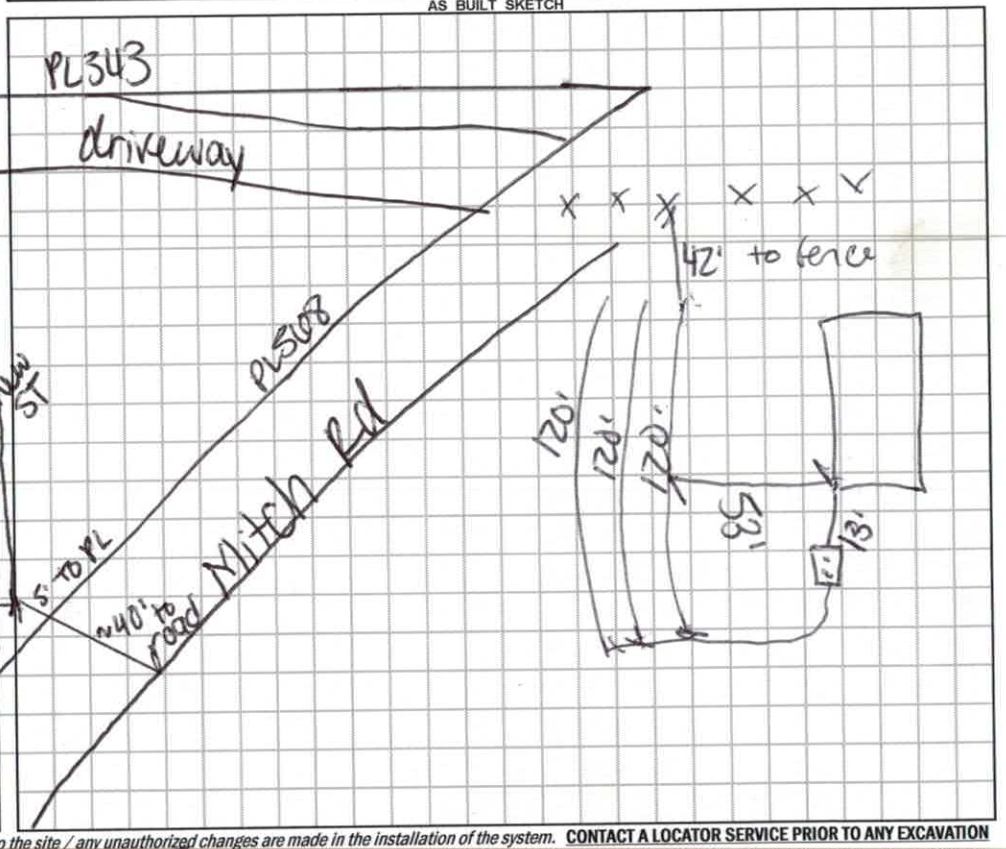
☒ Residence	No. Bedrooms	3	Water Supply	
☐ Business	No. Persons	6	☐ Private	
☐ Other	No. Employees		☒ Public	
☐ Slab	☒ Crawl Space		☐ Community	
☐ Basement w/ plumbing			☐ Basement w/o plumbing	

Comments / Conditions: Install on contour; utilize serial distribution. Do not exceed max trench depth of 24". Install new tank with filter.

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: Anthony Williams Date: 5-2-19 Installed by: Stutts Grading

IMPROVEMENT PERMIT by: Carla C. Cave Date: 5-1-19 OPERATION PERMIT by: Carla C. Cave Date: 5-16-19

AUTHORIZATION TO CONSTRUCT by: Carla C. Cave Date: 5-1-19 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.

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

Sheet 1 of 1
PROPERTY ID #: 484377436
COUNTY: Iredell

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

OWNER: Anthony Williams
ADDRESS: 120 Miten
PROPOSED FACILITY: 3BR
LOCATION OF SITE: 120 Miten RD Union Grove.
APPLICATION DATE 4/29/19
DATE EVALUATED: 5/1/19
PROPERTY SIZE: 1.5ac
PROPERTY RECORDED: Y
PROPOSED DESIGN FLOW (.1949): 360

WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

machine on site

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 R	side 6%	0-6	SBK SL	Fr ss sp sxp	few sp inc.	48"	—	—	PS .3
		6-33	SBK C	Fr ss sp sxp					
		33-48	SBK CL	Fr ss sp sxp					
2 R	side 8-10%	0-7	SCL SBK	Fr ss sp sxp	—	45"	—	—	PS .25 TBD
		7-25	C SBK	Fr ss sp sxp					
		25-45	CL SBK	Fr ss sp sxp					
		45-49	LSap M	VFr					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		360'
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

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)

GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*
I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4
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) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None

MINERALOGY/ CONSISTENCE

SEXP (Slightly Expansive)
EXP (Expansive)

STRUCTURE

G (Single Grain)
M (Massive)
CR (Crumb)
GR (Granular)
SBK (Subangular Blocky)
ABK (Angular Blocky)
PL (Platy)
PR (Prismatic)

MOIST

VFR (Very Friable)
FR (Friable)
FI (Firm)
VFI (Very Firm v. Very Sticky)
EFI (Extremely Firm)

WET

NS (Non-sticky)
SS (Slightly Sticky)
S (Sticky)
VS (Very Sticky)
NP (Non-plastic)
SP (Slightly Plastic)
P (Plastic)
VP (Very Plastic)

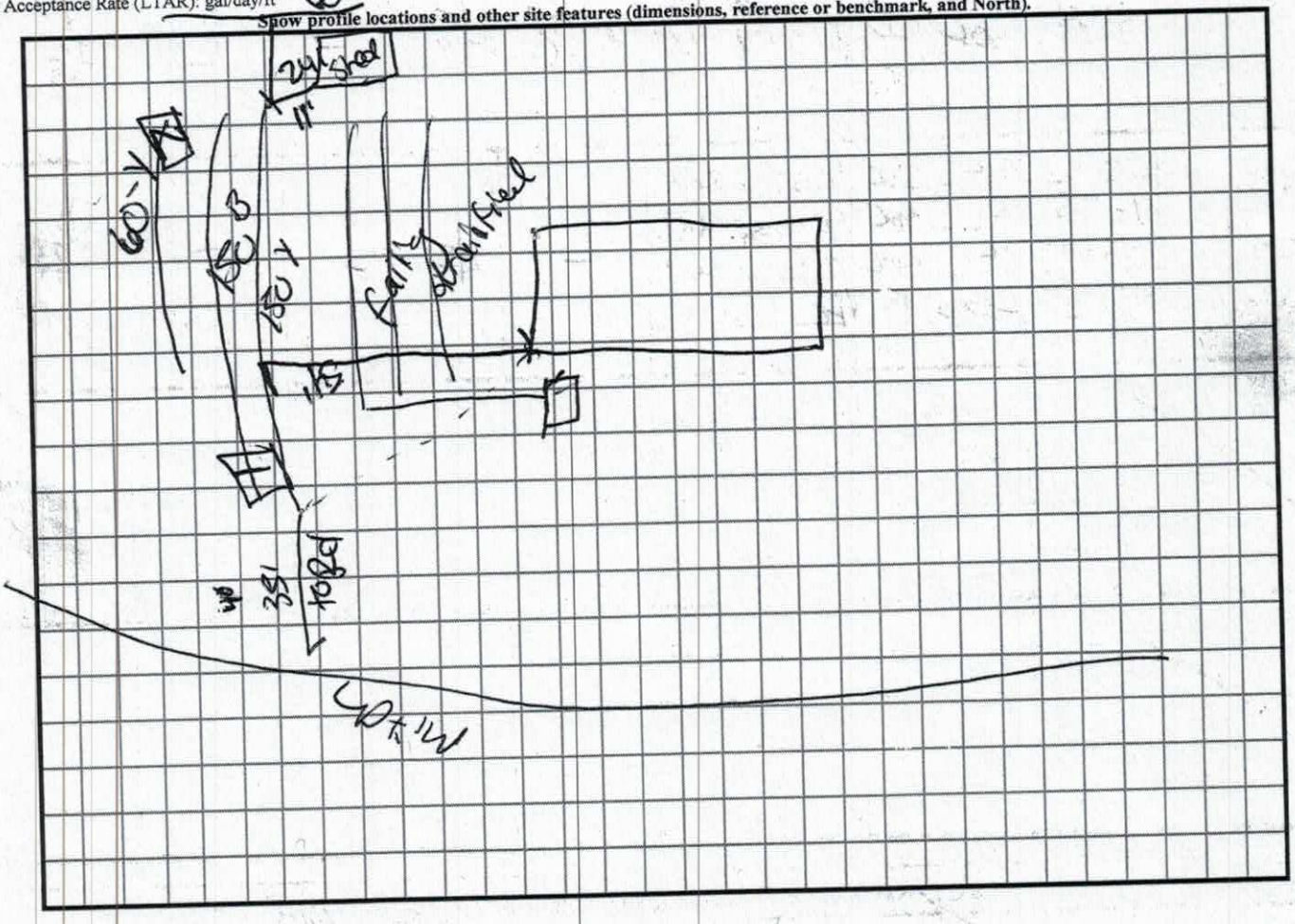
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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).



Backing Up / Surfacing !

RECEIVED APR 2 9 2019

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Rpr Eval. No chg. #244120

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: Anthony Allen Williams Address: 120 mitch Rd Zip: 28689
Applicant Email: anthonywilliams11186@gmail.com Phone: [redacted] 704-883-4823 Alt. Phone: _____
Owner Name: Anthony Williams Address: 120 mitch Rd Zip: 28689
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 120 mitch Rd Union Grove
Subdivision Name: _____ Section/Phase: _____ Lot Number: _____
Driving Directions: _____

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

( ) New Single Family Residence Maximum Number of Bedrooms: 3
( ) New Multi-Family Residence Maximum Number of Occupants: 6
( ) Accessory Building ( ) Swimming Pool
( ) Bedroom(s) Addition ( ) Other Addition/Structure: _____
(✓) Repair to failing septic system ___ Tank V Drain lines Describe Problem: I think its drain lines but not sure
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: ____ Max. Number of Seats/Beds/Other: 3 bed - 1 bath

CHECK FOUNDATION TYPE

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Water Supply: ( ) Replacement Well – Reason: _____
( ) 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: Anthony Williams 4-29-19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

No Permit in DB

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*) Anthony Williams

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, Anthony Allen Williams, am the legal owner(s) of the property located at 120 Mitch Rd, identified as

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

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

Anthony Williams — Signature of Owner(s)

4-29-14 — 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

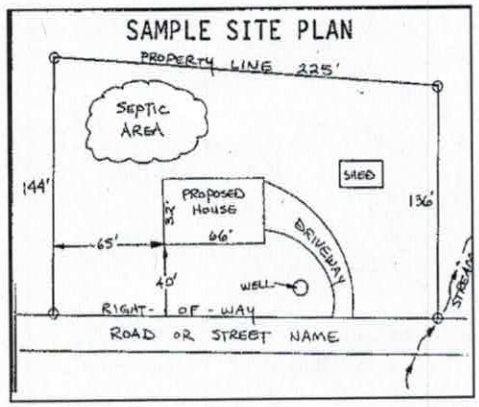
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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**

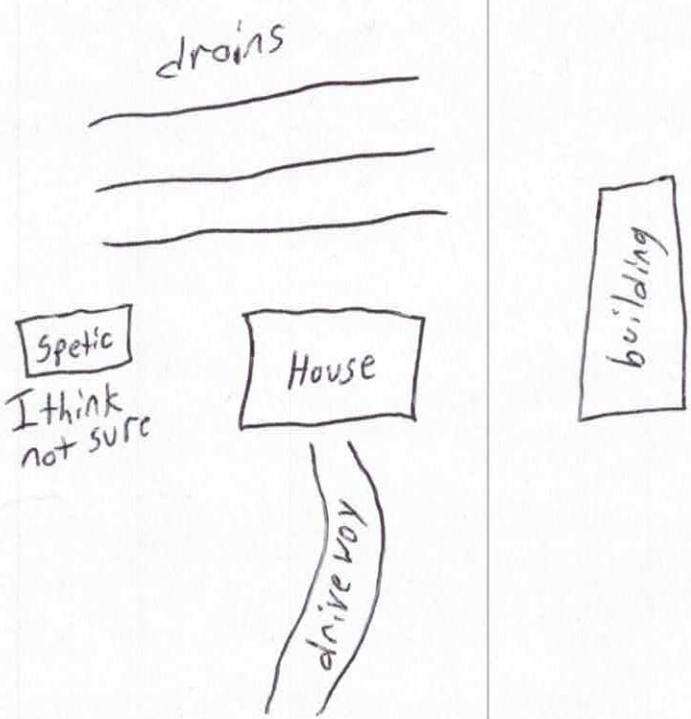


Circle N/A on the following if appropriate:

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



Signature: Anthony Williams

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

4-29-19

DATE