ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 327712

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

PIN # 4637--07--4642

APPLICANT/OWNER: Noan Crittenden | APPLICANT ADDRESS: 311 W. Church St, Genoa, IL 60135

SITE ADDRESS: 180 Quiet Cove Rd, Mooresville NC 28117 | PHONE: 815-677-1854 | ALT. PHONE

SITE DIRECTIONS: (W) NC 150 → (L) Quiet Cove → lot on (R), offsite on (L) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Spring Acres | SECTION: A | LOT #: | LOT AREA: 0.46 + 0.17 offsite | DESIGN FLOW: 360 gpd | L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	10/15/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	11/12/23	System Description:	VPPBPS - PM 50% reduction			
Pump Make	Liberty	Model		290	Serial #		Repair System Description:	same			
# Nitrification Fields	1	# Lines		5	Linear Ft	201	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24"	Trench Bottom Depth(Low side)		30"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		

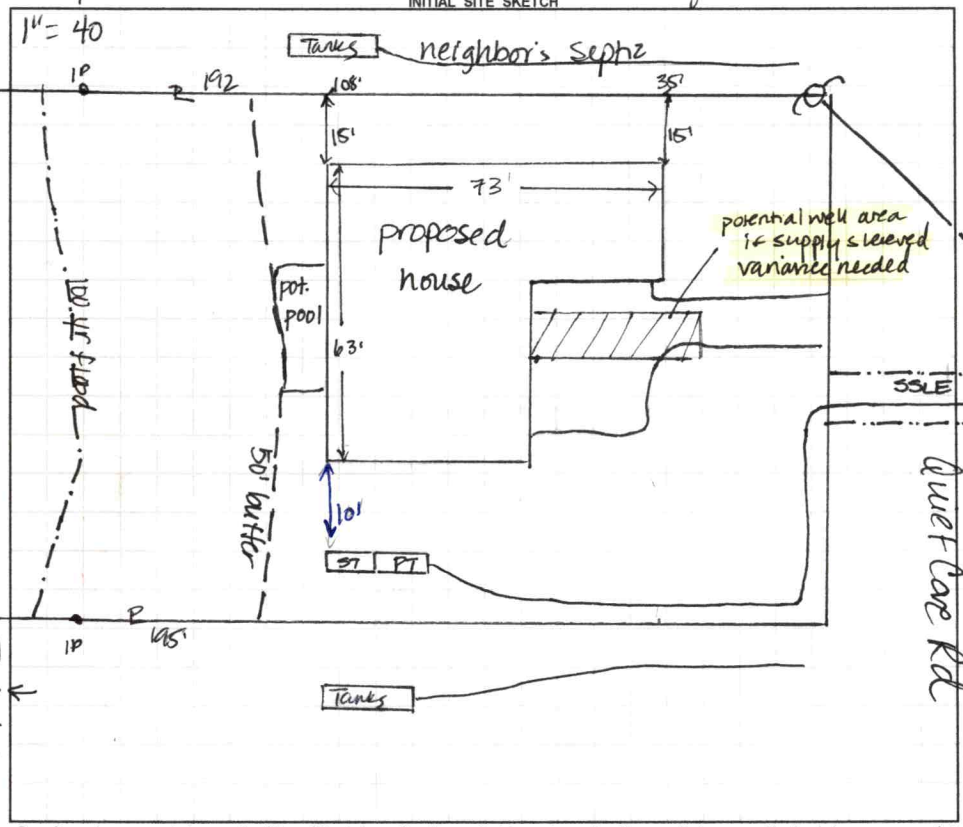
☒ Residence | No. Bedrooms: 3
☐ Business | No. Persons: 6
☐ Other | No. Employees:
☐ Slab | ☐ Crawl Space
☒ Basement w/ plumbing | ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour - use 8' centers. Must pressure test line before installing field. Do not drive, pave, grade, park or bury utilities in drainfield. Divert all drainage.

Pressure manifold - 2" supply, 2' pressure head.
①, ②, ④, & ⑤: 1½" SCH 80 each | Dose = 1162 g | Flow = 29.03 gpm
③: 1½ SCH 40 | Drawdown = 7.7" | Run = 5.5 min

INITIAL SITE SKETCH

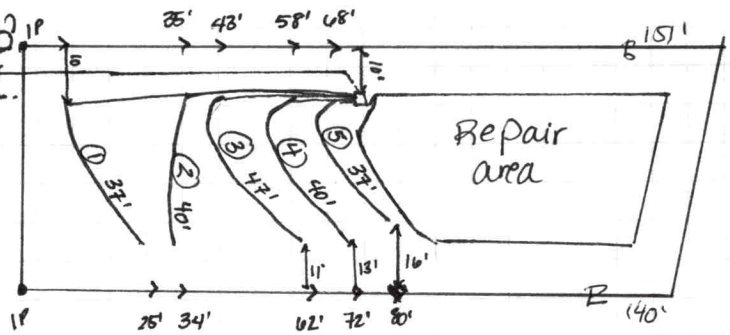


AS BUILT SKETCH

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.

Sleeve supply line under road - sleeve entire length to avoid well in driveway. Variance needede to keep well less than 25' from house

① & ⑤ = 8 panels
② & ④ = 9 panels
③ = 11 panels



As Built Attached

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**

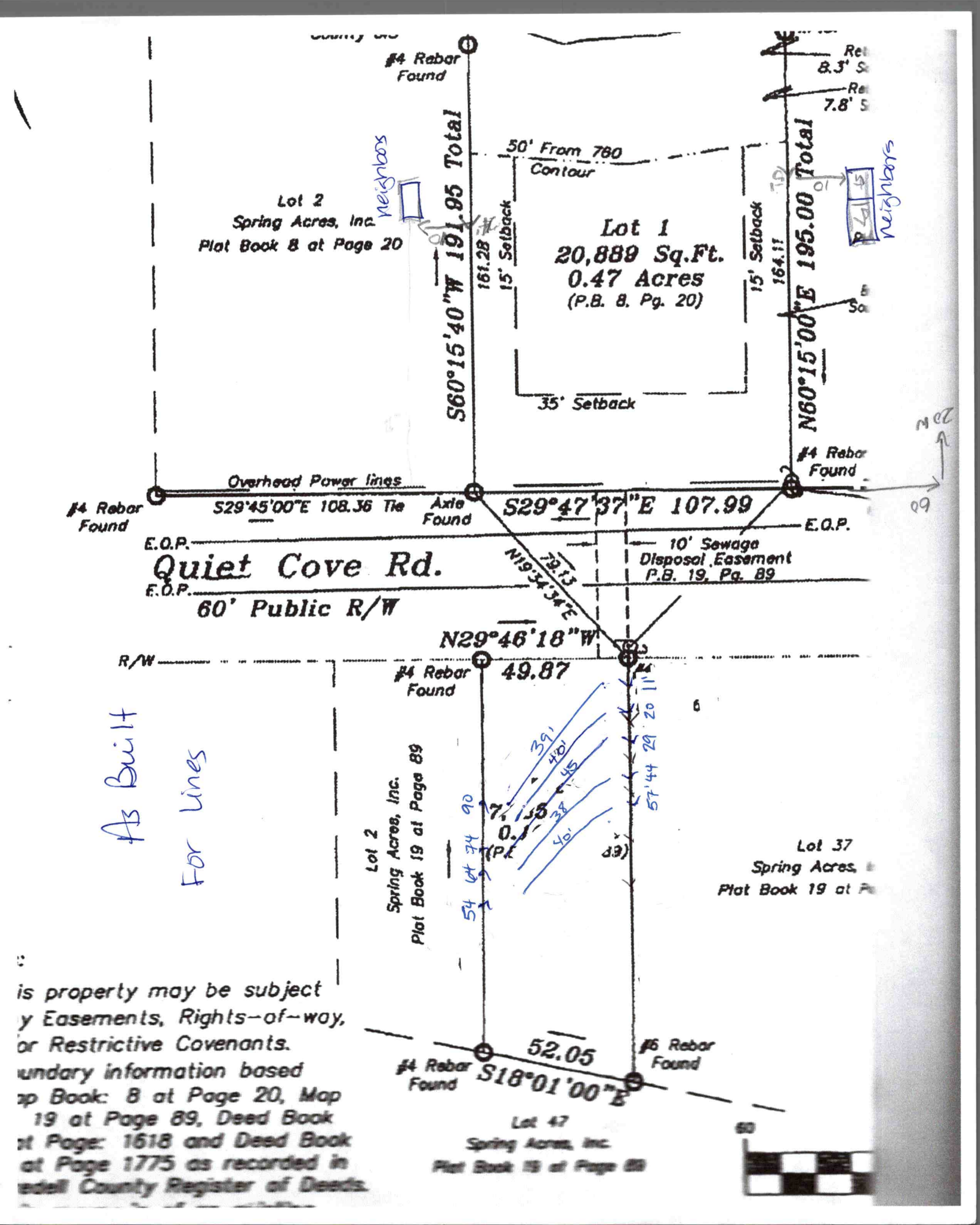
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] | Date: 7/12/2022 | Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: D. Mebane | Date: 5/24/22 | OPERATION PERMIT by: D. Mebane | Date: 1/4/24

AUTHORIZATION TO CONSTRUCT by: D. Mebane | Date: 5/24/23 | Existing System Inspected by: | Date:

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



is property may be subject
y Easements, Rights-of-way,
or Restrictive Covenants.
undary information based
ap Book: 8 at Page 20, Map
19 at Page 89, Deed Book
t Page: 1618 and Deed Book
at Page 1775 as recorded in
edell County Register of Deeds.

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

wanted 4BR - not enough space

Sheet 1 of 1
PROPERTY ID #: 4637074642
COUNTY: Iredell

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

Offsite PIN 4637074642

OWNER: Anthony Carpenter
ADDRESS: 10417 Queens Head Cir; Charlotte NC 28273
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 180 Quiet Cove Rd Mooresville
APPLICATION DATE 4/4/22
DATE EVALUATED: 5/13/22
PROPERTY SIZE: 0.48 + 0.16
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 15%	0-5	SCL - WSBK	SSSP-FR-SERP	N/A	48"	N/A	N/A	PS
		5-25	C - SBK	↓					
		25-48	CL - WSBK	↓	few Litho incl 25"+				0.3
2	Slight Ridge 12%	0-6	SCL - SBK	SSSP-FR SERP	N/A	48"	N/A	N/A	PS
		6-29	C - SBK	↓					
		29-48	CL - WSBK	↓	Litho incl (few)	29"+			0.3
3	LS 15%	0-8	SCL - SBK	SSSP-FR SERP	N/A	48"	N/A	N/A	PS
		8-30	C - SBK	↓					
		30-48	CL - WSBK	↓					0.3
4	15	0-8	SCL - SBK	SSSP-FR SERP	N/A	48"	N/A	N/A	PS
		8-32	C - SBK	↓					
		32-48	CL - WSBK	↓					0.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	201	200
System Type(s)	50% red	50% red
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Wieberg
OTHER(S) PRESENT: T. Silvestri

COMMENTS:
mica common all pits

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	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						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

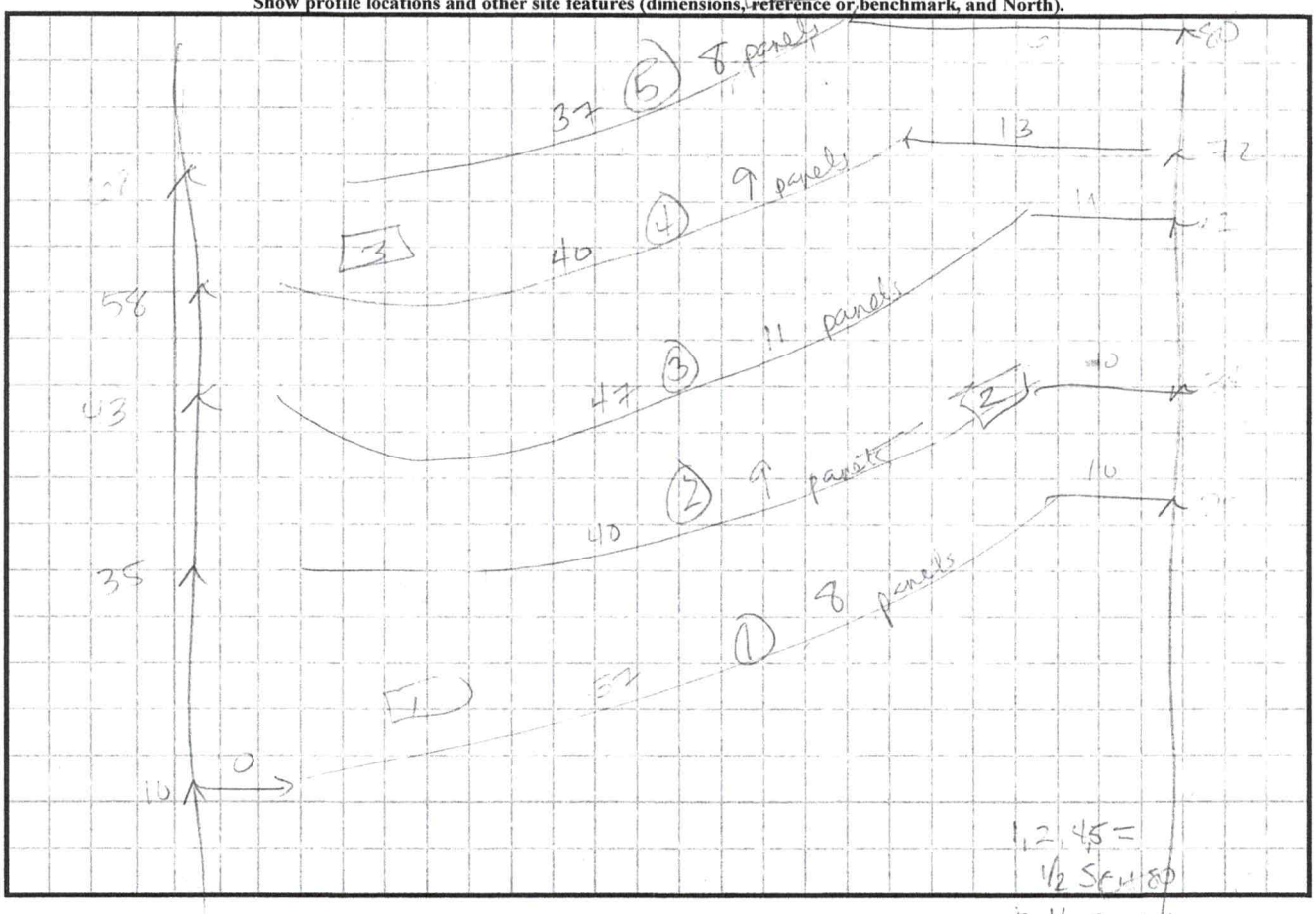
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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

Offsite

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

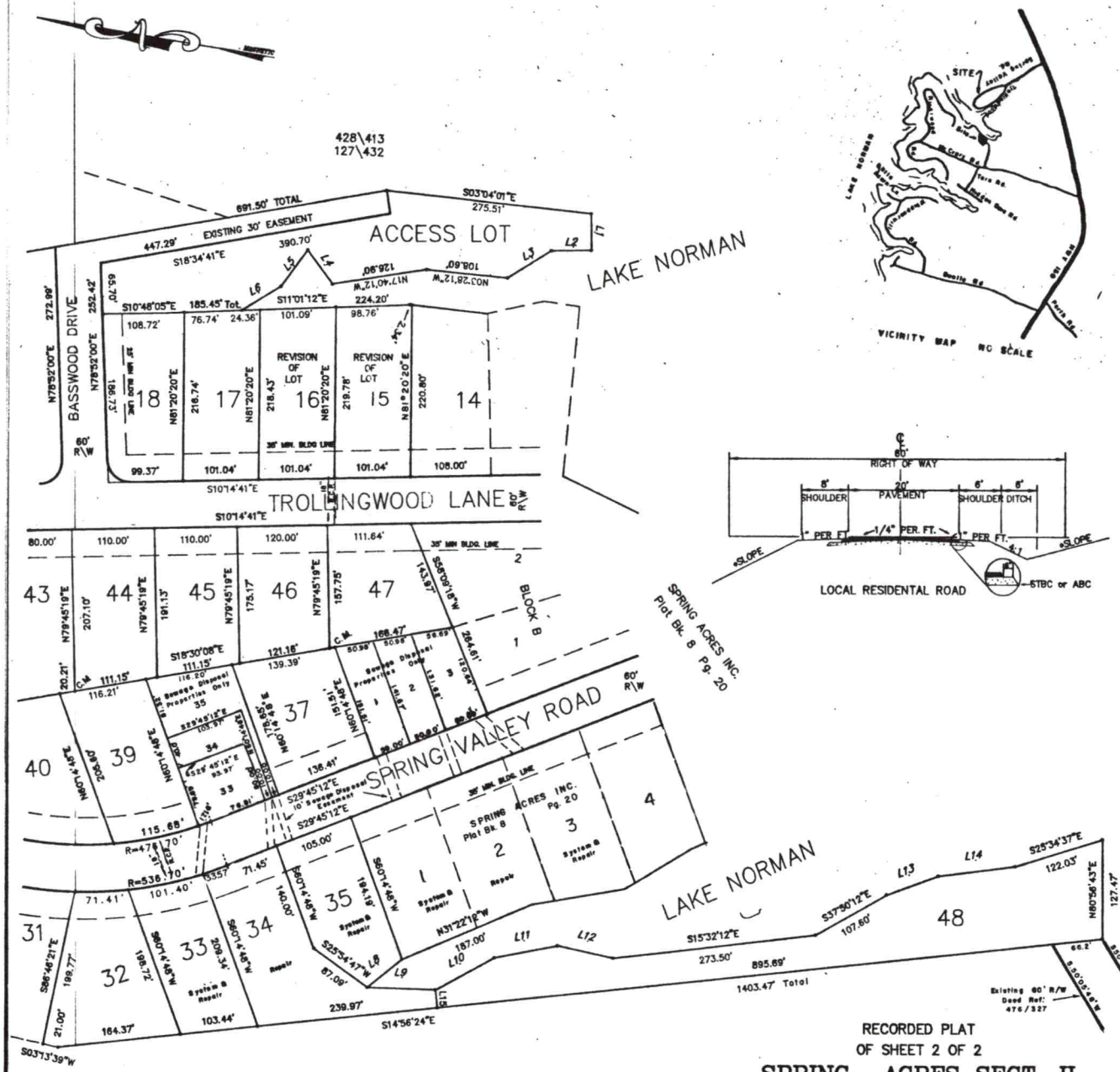


Quick Core

Dose = 162 g

Run 5½ min Drawdown 7.7"

Flow = 29 in²



CRESCENT LAND TIMBER CORP.

LINE	DIRECTION	DISTANCE
L1	S80°52'48"W	47.00'
L2	N09°46'12"W	53.80'
L3	N40°02'12"W	68.30'
L4	N43°38'48"E	54.70'
L5	N62°03'12"W	58.60'
L6	N39°38'12"W	60.80'
L8	N47°21'12"W	58.60'
L9	S07°06'12"E	90.90'
L10	S37°10'12"E	89.00'
L11	S19°34'12"E	86.10'
L12	S02°55'48"W	76.10'
L13	S28°39'12"E	73.80'
L14	S15°39'12"E	103.90'
L15	S75°03'36"W	23.50'

DAS

DON ALLEN SURVEYORS, INC.
Rt. 7 Box 293 • Mooresville, N.C. 28115 • (704) 664-7029

RECORDED PLAT
OF SHEET 2 OF 2

SPRING ACRES SECT. II

DAVIDSON TWSP., IREDELL CO. N.C.
SCALE: 1"=100' DATE: APRIL 19,1988

OWNER: THOMAS S. WILSON

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 100 ft.

TAX MAP NO: 2L7-B-03

OWNERS CERTIFICATE AND NOTARIZATION

Known All Men By These Present, that I (we) Thomas S. Wilson hereby certify that I (we) am (are) the owner(s) of the property shown on this plat, that I hereby acknowledge this plat and allotment to be my (our) free act and do hereby dedicate to the public use all streets, alleys, easements and other public areas shown on this plat. I (we) further certify that Donald Ray Allen (Surveyor) surveyed and made this plat of my (our) direction, and that the entire subdivision is within boundaries of a tract conveyed to me by a deed recorded in Deed Book ___ Page ___, Iredell County Registery.

Thomas Wilson
Signature of Owner

I, Patricia B. Allen, a Notary Public, do certify that Donald Ray Allen personally appeared before me this day and acknowledged the due execution of the foregoing.

Witness my hand and official seal, this 19 day of April, 19 88

Patricia B. Allen
Notary Public

My Commission Expires 6-7-92

SURVEYORS CERTIFICATION

"The undersigned surveyor, being duly sworn, deposes and says that the plat upon which this certificate appears was prepared in accordance with G.S. 47-30 as amended, is in all respects correct according to the best of his knowledge and belief, and was prepared from an actual survey made by him on the 4th day of April, 19 88, with a maximum linear error of closure of 1:10000, and maximum field error of angular closure of 2.5 per point.

Witness my hand and official seal, this 19th day of April, 19 88

DONALD RAY ALLEN, R.L.S. L-1736

I, a Notary Public of the County and State aforesaid, certify that Donald Ray Allen a registered land surveyor, personally appeared before me this day and acknowledged the execution of the foregoing instrument.

Witness my hand and official stamp or seal, this 19th day of April, 19 88

My Commision Expires 6-7-92

Patricia B. Allen
Notary Public

The foregoing certificate(s) of Patricia B. Allen & NPM Lockhart is (are) certified to be correct. This instrument was presented for registration this day and hour and duly recorded in the office of the Register of Deeds of Iredell County, N.C. in Books 19 Page 87 + 87A

This 18 day of May A.D., 19 88
at 1:35 o'clock P M.

D.D. Mesbit
Register of Deeds

By: ___
Deputy Register of Deeds

Provided that the plat is recorded within sixty(60) days of final approval, it is approved by the Iredell County Planning Board.

5-4-88
Date

(Chairman or Agent)

Provided that the plat is recorded within sixty(60) days of final approval, it is approved by the Board of Commissioners.

5/17/88
Date

(Chairman or Agent)

Sworn to and Subscribed Before Me, the ___ day of ___ 19 ___ let this instrument with the certificate be recorded.

Clerk of Superior Court

SURVEYORS NOTES

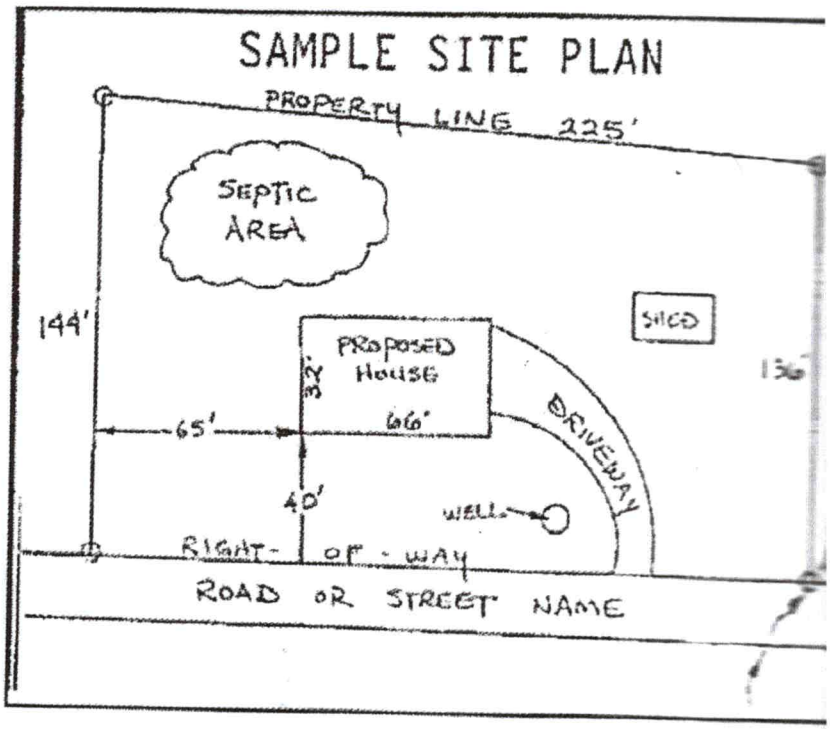
1) Iron pins at all corners unless otherwise noted.
2) All lots are subject to 20' public drainage easement 10' each side property line.
3) minimum building setback lines: 35' front
35' rear
15' side

he site plan:

ly identified

line

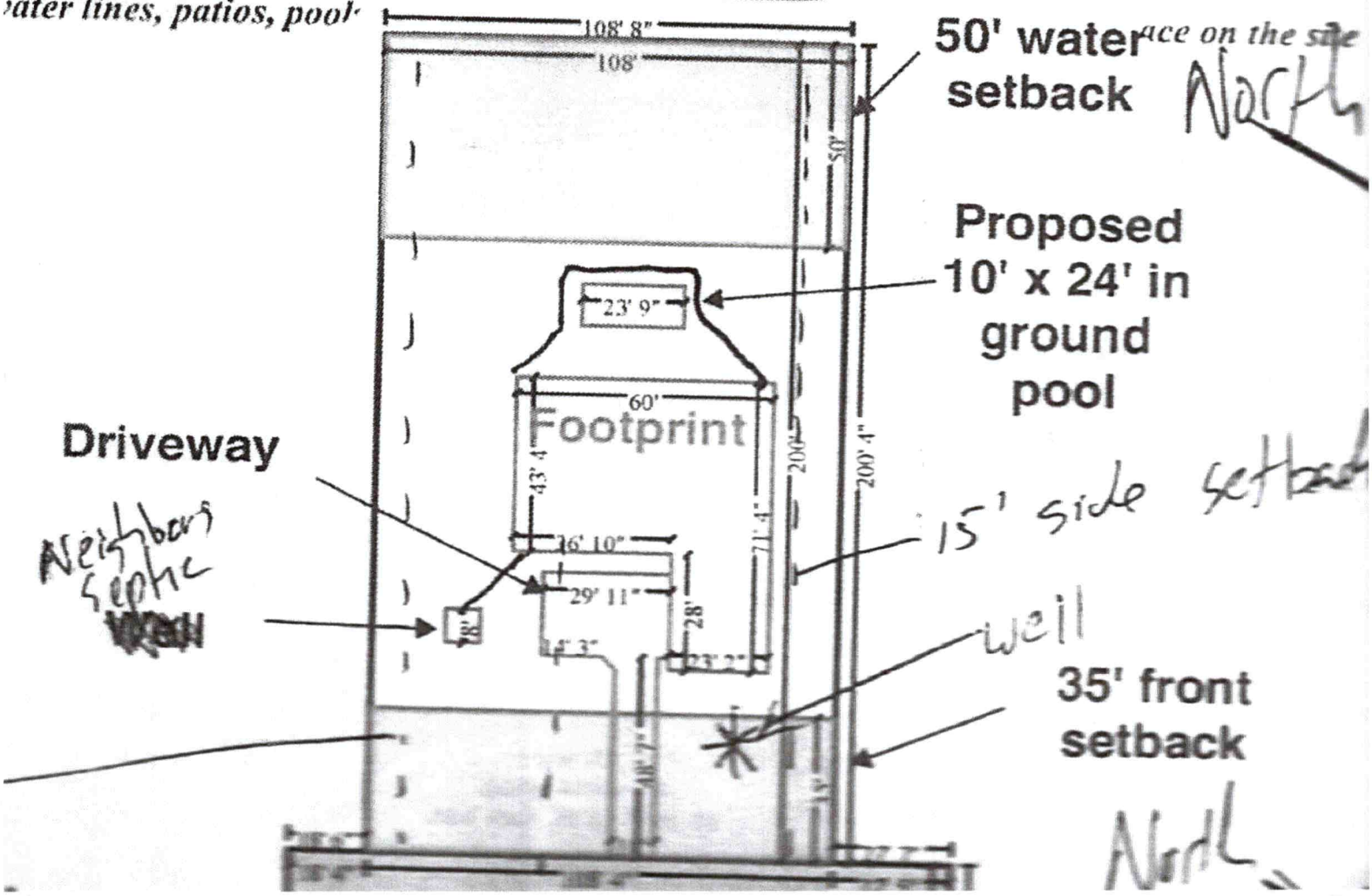
:or of direction



100' of your property (N/A)
your property N/A
property N/A

PACE TO DRAW YOUR SITE PLAN

ater lines, patios, pool·



RECEIVED APR 1 4 2022

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

Iredell County Health Department – Environmental Health Division

PIN#4637-07-4642

PAGE 1: *APPLICATION FORM* AP-327712 $500.00

Application For:
- (X) New Well Permit
- ( ) Well Repair Permit
- ( ) Well Abandonment
- (X) Septic Improvement Permit
- (X) 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: *Place an (X) beside whichever is submitted if applicable*
- ( ) Survey Plat, scaled no more than 1 inch = 60 feet
- (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Noah Crittenden Address: 311 W. Church St. Genoa, IL Zip: 60135

Applicant Email: ncrittenden@jsheld.com Phone: 815.677.1854 Alt. Phone: 815.995.3009

Owner Name: Anthony Carpenter Address: 10417 Queens Mead Circle, Charlotte NC Zip: 28273

Owner Email: crpntranthny@aol.com Phone: 980.242.8089 Alt. Phone: _____

Property Information:

Street Address: ~~180~~ 180 Quiet Cove Road, Mooresville, NC 28117

Subdivision Name: Spring Acres Section/Phase: A Lot Number: 1

Driving Directions: If you're heading West on HWY 150, turn left (South) onto Quiet Cove

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

- (X) 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: 4
Maximum Number of Occupants: 8
- (X) Swimming Pool
- ( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
- ( ) Crawl Space Foundation
- ( ) Concrete Slab Foundation
- (X) 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: _____
- (X) 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: _____

(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.

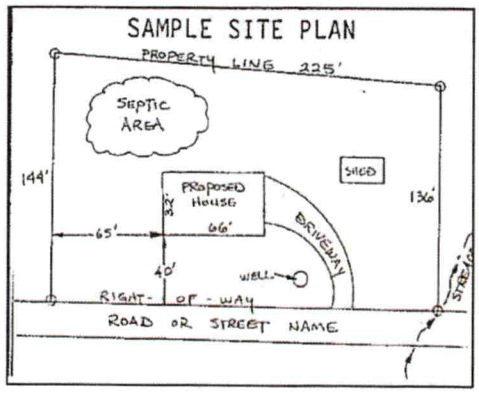
Signature: _____ 3/25/2022

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

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:

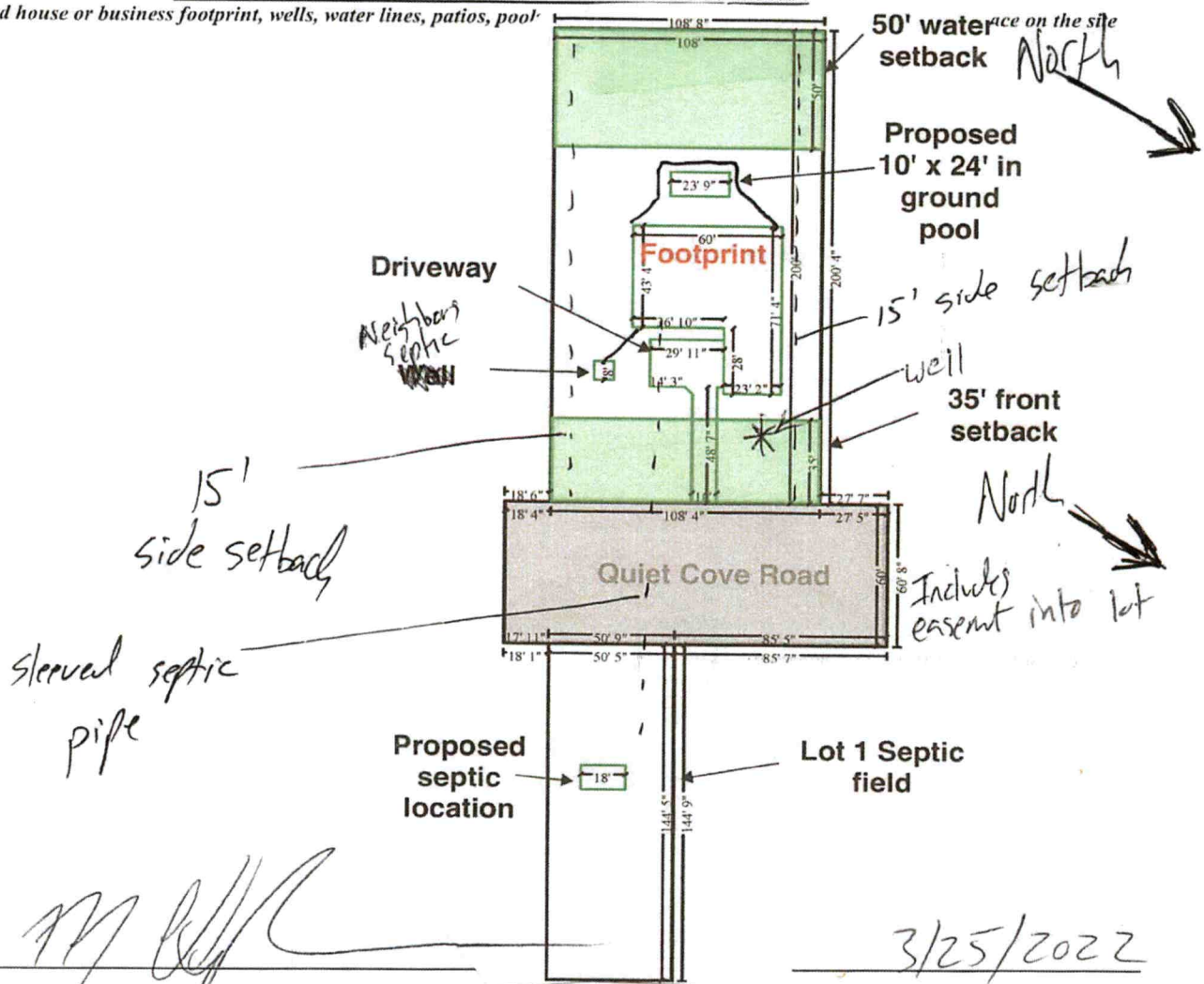
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator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



Signature: _____ _____

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

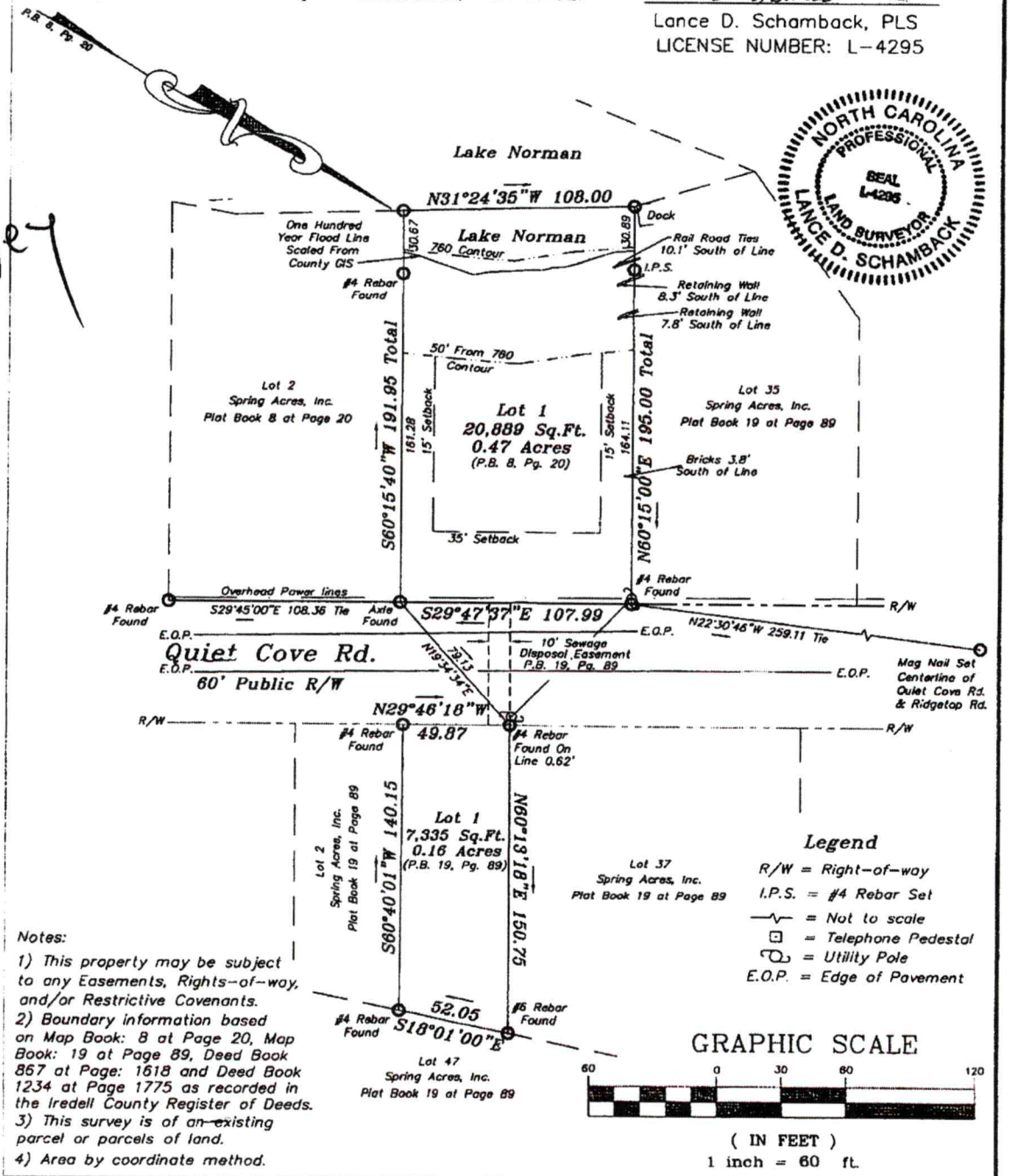
DATE

I Lance D. Schamback, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description and/or Map Book: See Notes, Page See Notes. That the boundaries not surveyed are indicated as drawn from information as shown on the survey; that the ratio of precision as calculated is 1: 10,000+ that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600). This 5 day of April, A.D. 2022.

Lance D. Schamback, PLS
LICENSE NUMBER: L-4295

NORTH CAROLINA PROFESSIONAL SEAL L-4295 LAND SURVEYOR LANCE D. SCHAMBACK

New Survey

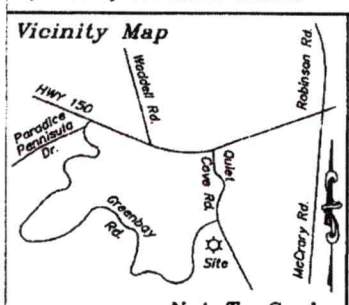


Legend
R/W = Right-of-way
I.P.S. = #4 Rebar Set
= Not to scale
= Telephone Pedestal
= Utility Pole
E.O.P. = Edge of Pavement

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

Notes:
1) This property may be subject to any Easements, Rights-of-way, and/or Restrictive Covenants.
2) Boundary information based on Map Book: 8 at Page 20, Map Book: 19 at Page 89, Deed Book 867 at Page: 1618 and Deed Book 1234 at Page 1775 as recorded in the Iredell County Register of Deeds.
3) This survey is of an existing parcel or parcels of land.
4) Area by coordinate method.

Vicinity Map



Not To Scale

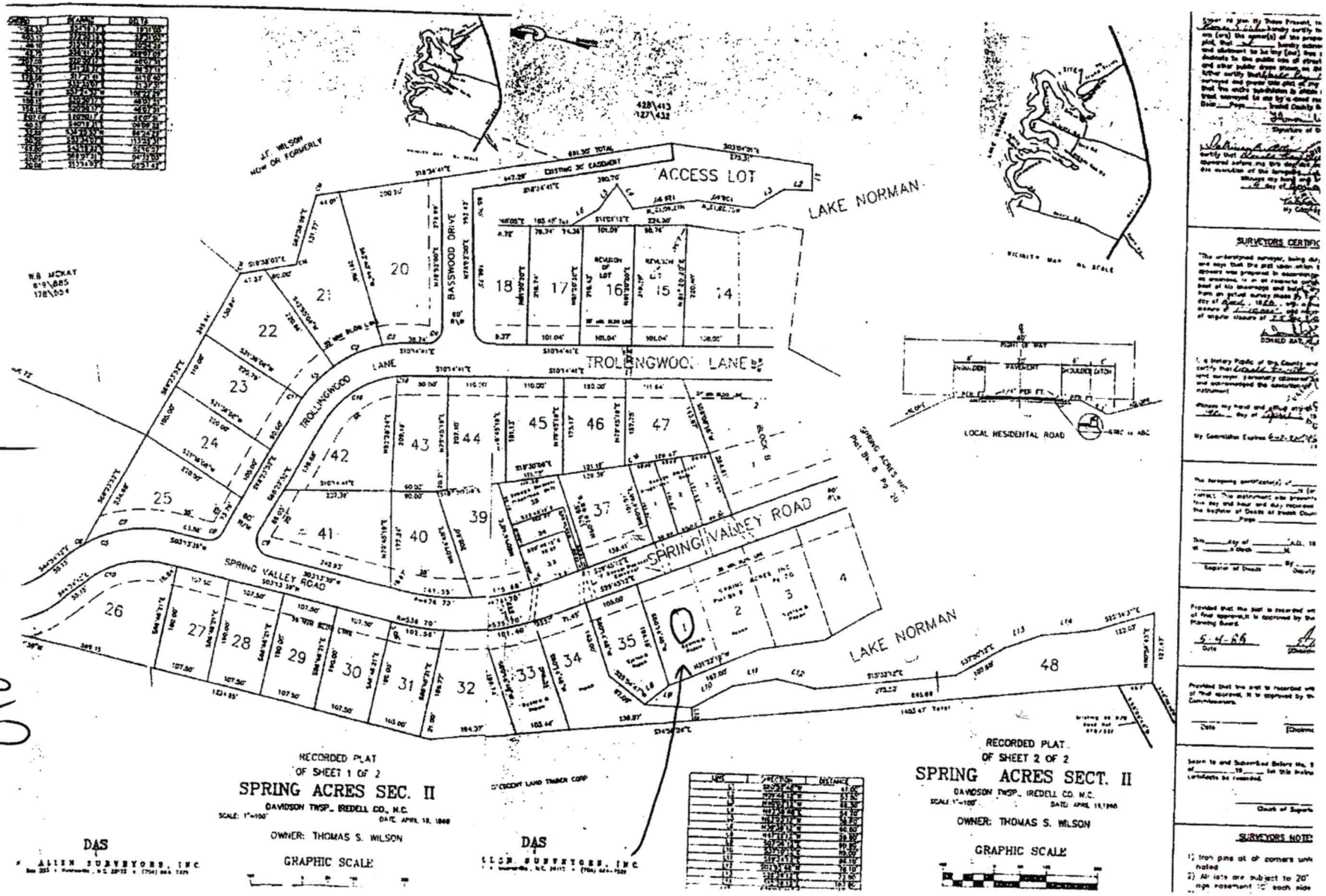
Boundary Survey
FOR
Noah Crittenden

PROPERTY DESCRIPTION
LOT 1, Spring Acres, Inc. Plat Book 8 at Page 20 & Septic Lot 1, Spring Acres, Section II, Plat Book 19, Page 89
Davidson Township, Iredell County, NC

SCALE: 1" = 60'
FIELD BOOK:
FILE: 2022-81
TAX MAP NO: 4637074642 & 4637076742

Schamback Surveying, P.A.
Post Office Box 4143
Mooresville, NC 28117
(704) 622-9915
C-3218

old survey


ACCESS LOT
LAKE NORMAN
BASSWOOD DRIVE
TROLLINGWOOD LANE
SPRING VALLEY ROAD
J.F. WILSON NOW OR FORMERLY
W.B. MCKAY
SPRING ACRES SEC. II Plat Bk. 8 Pg. 20
LOCAL RESIDENTIAL ROAD
RECORDED PLAT OF SHEET 1 OF 2
SPRING ACRES SEC. II
DAVIDSON TWSP., IREDELL CO., N.C.
OWNER: THOMAS S. WILSON
GRAPHIC SCALE
RECORDED PLAT OF SHEET 2 OF 2
SPRING ACRES SECT. II
DAVIDSON TWSP., IREDELL CO. N.C.
OWNER: THOMAS S. WILSON
GRAPHIC SCALE
SURVEYORS CERTIFIC
SURVEYORS NOTE:

DigiSign Verified: E0338EFD-FC46-43CB-B755-9FAADC2F1BB5

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 D Carpenter

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 Carpenter, am the legal owner(s) of the property located at 150 Quiet Cove, Mooresville, NC 28117, identified as

PIN (Parcel Identification Number) 4637-07-4642, located in Iredell County, North Carolina.
I do hereby authorize (**print legal representative/company name**) Noah Crittenden, _____, 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 D Carpenter
Signature of Owner(s)

04-07-2022
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

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

*** Initial all lines below to indicate you have submitted each form and completed every site requirement ****

NC **Complete all Environmental Health forms**:
- NC Application
- NC Site Plan including the dimensions of proposed structure, addition, pool etc.
- NC Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
- N/A Copy of Zoning Permit when applicable
- NC Sign this sheet after you have completed all items

NC **Lot must be cleared of heavy undergrowth.** In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with **50 feet of visibility** in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

NC **Clearly mark all property corners by locating existing iron or concrete markers**. Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only).
'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged.**

NC **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted.** The proposed structure, etc. **must be staked** out on the property as per the site plan.

NC If an **Authorization to Construct (AC) is desired**, submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.
Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are non-refundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.
- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- **The applicant/agent is responsible for securing these services**
- **Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.**
- **The EH specialist will contact you when your application is ready to be processed for pit scheduling.**
- **Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.**

By signing below I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature _____ **Date** 4/1/2022

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625