ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 305639

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

PIN # 4624 -- 56 -- 9997

APPLICANT/OWNER: Miguel Paludo | APPLICANT ADDRESS: 18611 Starcreek Dr. Cornelius, NC 28031

SITE ADDRESS: 115 Saylors Watch Ln Mooresville, NC | PHONE: | ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TL Torrence Chapel to end to Saylors Watch Bend | SAP CONTROLLED: ☐ YES ☒ NO

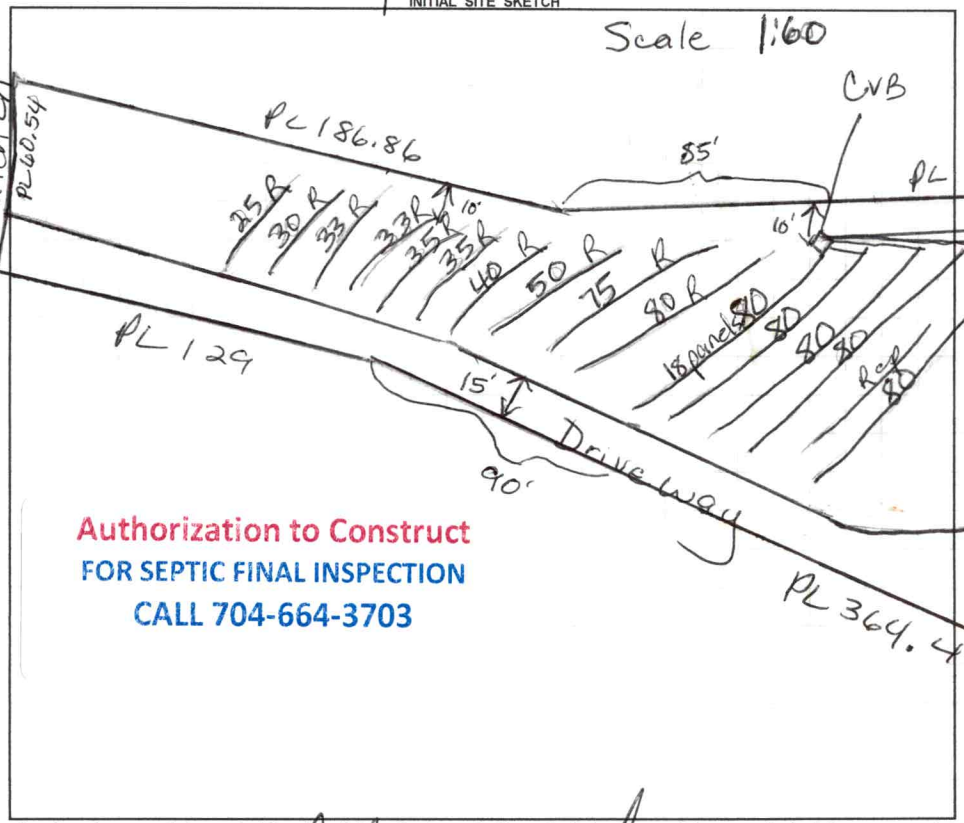
SUBDIVISION: Saylors Watch | SECTION: | LOT # 5 | LOT AREA: 1.48 Ac | DESIGN FLOW: 720gpd | L.T.A.R.: .3

Septic Tank	1500 (gal)	STB	964	Date	8/16/22	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 6	Water Supply
Pump Tank	1500 (gal)	PT	353	Date	8/26/22	System Description:	LP PPBPS			☐ Business	No. Persons 12	☐ Private
Pump Make		Model		Serial #		Repair System Description:	LP PPBPS			☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft:	400'	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☒ Crawl Space	☒ Community
Trench Width	min 24"	Trench Bottom Depth(Low side)	36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Direct surface/stormwater away from Septic. 90 panels 324 gals 36.9 gal/min 15.4" drawdown Pump run 8.78 min.

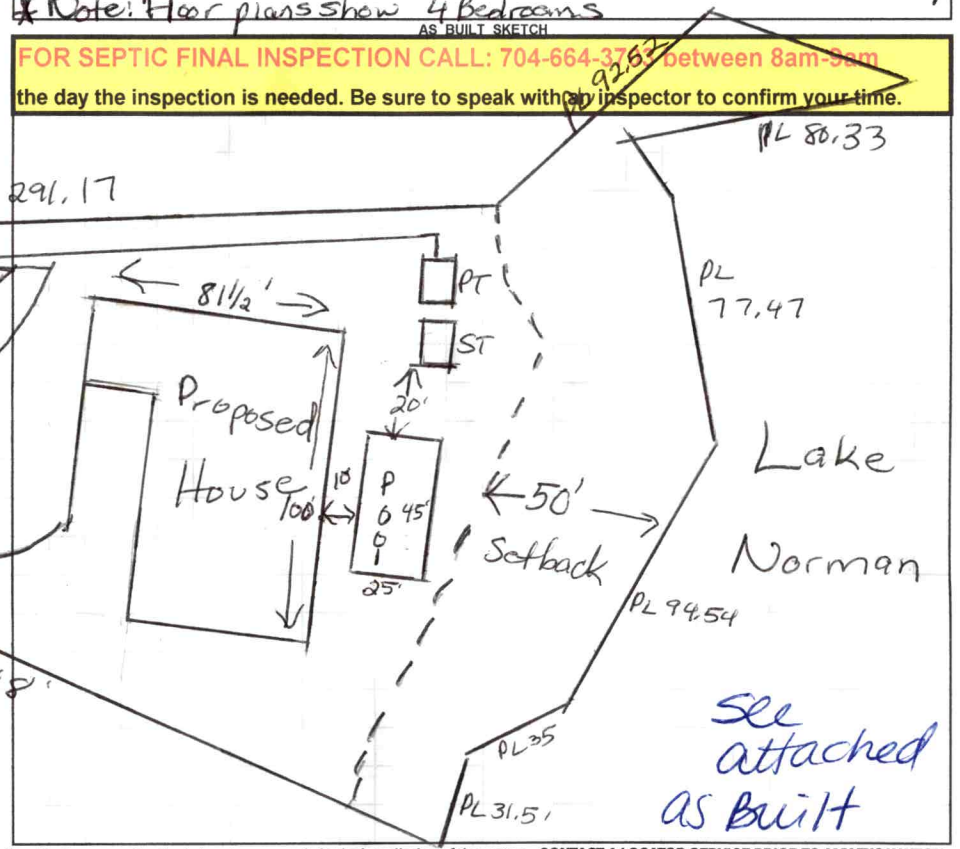
Drill 5/32" hole.
★ Keep water lines a minimum of 10ft from Septic.
★ Note: Floor plans show 4 Bedrooms

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.



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: 9/30/21 Installed by: Groundbreakers

IMPROVEMENT PERMIT by: Maria Dotson Date: 9/29/21 OPERATION PERMIT by: D. Wiebers Date: 2/23/23

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 9/29/21 Existing System Inspected by: Date:

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

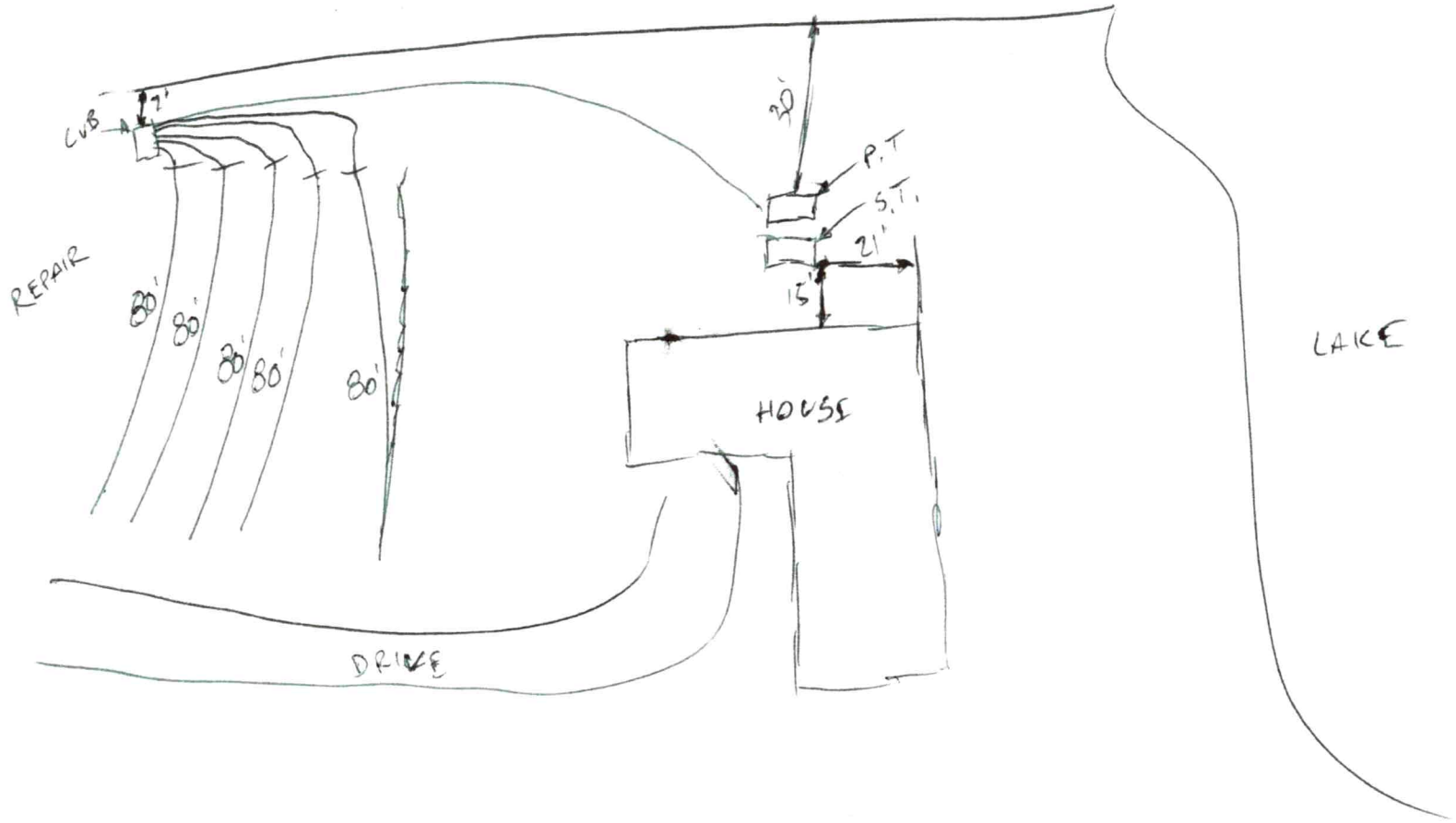
NOTES for SAYLORS WATCH LOT 5

S.T. = STB-964 ; DATE 8-16-2022

P.T = PT-353 ; DATE 8-26-2022

TANK NEED RISERS & FILTER

NTS



DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: ___ - ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bi Part Dev LLC
ADDRESS: 1516 11 Starcreek Dr Cornelius, NC
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 720 gpd
LOCATION OF SITE: 115 Saylers Watch Ln / Lot 50
APPLICATION DATE 3/20/20
DATE EVALUATED: 3/27/20
PROPERTY SIZE: 1.48 Ac
PROPERTY RECORDED: N

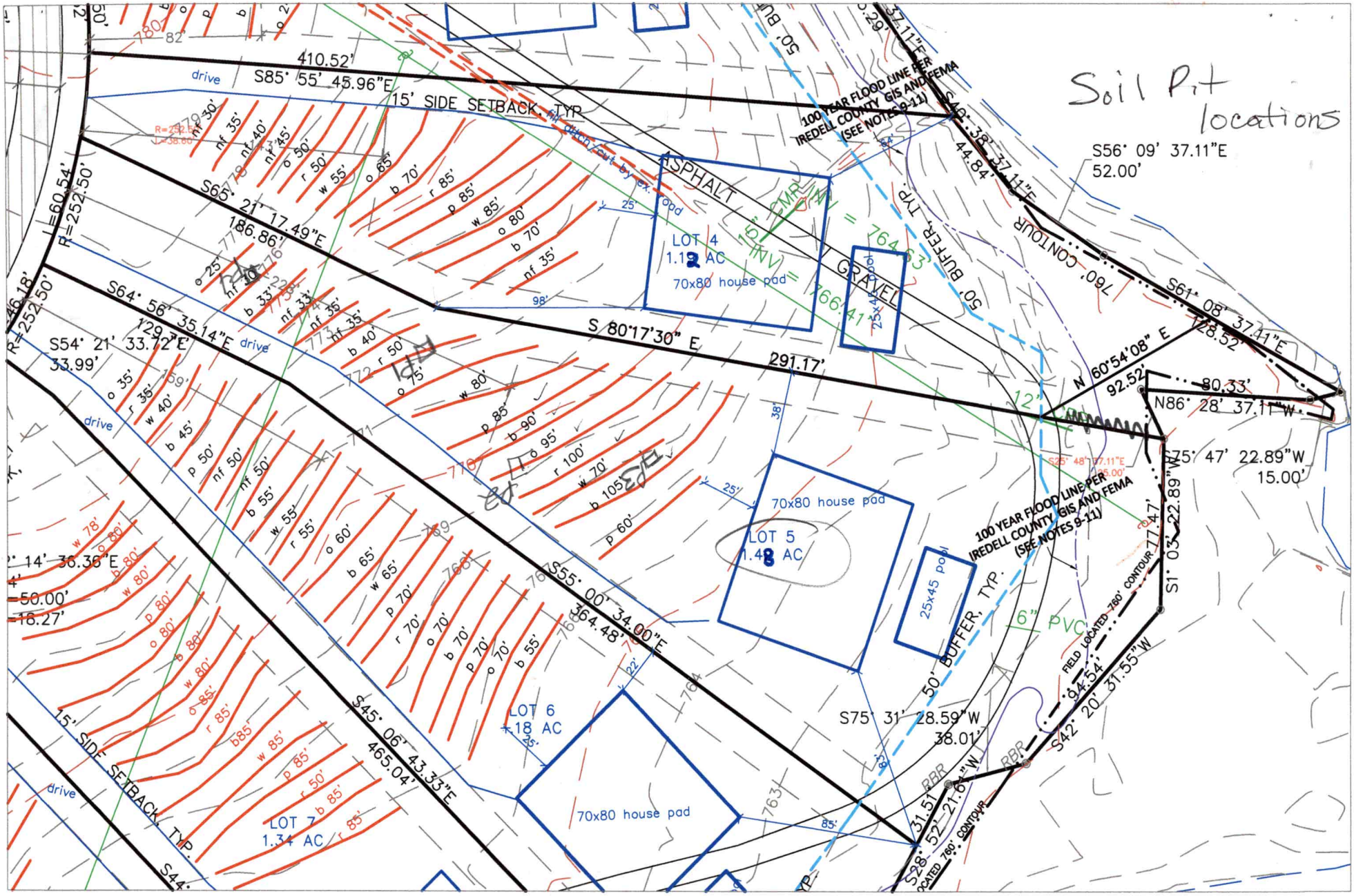
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

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	5%	0-10	Brw SCL	wSBK	SS,SP,SExP,FR				PS
		10-30	Rm-w	SBK SS,	SP, SExP, FR				
		30-60	R/Y CL	wSBK SS,SP,SExP,FR					
		w/few to	many	SAP Indus					
		60-63	Yel/Rd LSA	Pmassive FR	—	60"	PS	—	.3
2	6%	0-9"	Brw CL	wSBK SS,SP,SExP,FR					
		9-26	RCm-f	SBK FR, S, P, SExP					PS
		26-60	Yel/Rd CL	wf SBK FR, SS, SP, SExP					
		common	SAP	Indus					
		last	12"	of	—	60"	—	—	.3
3	7%	0-9	Brw SCL	wSBK SS,SP,SExP,FR					
		9-23	RCm	wSBK SS,SP,SExP,FR					PS
		23-63	Rd/yel	wSBK CL SS,SP,SExP,FR					
		w/few	to many	SAP Indus					
					—	63"	—	—	.3
4	4%	0-10'	Brw CL	wSBK SS,SP,SExP					
		10-33	RCm-f	SBK FR, S, P					PS
		33-55	Yel/Rd CL	wSBK SS,SP,SExP,FR					
		w/	common	SAP	—	55"	PS	—	.3
		55-63	LSA	Pmassive FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Paul Pennington, David Bean

COMMENTS: ___



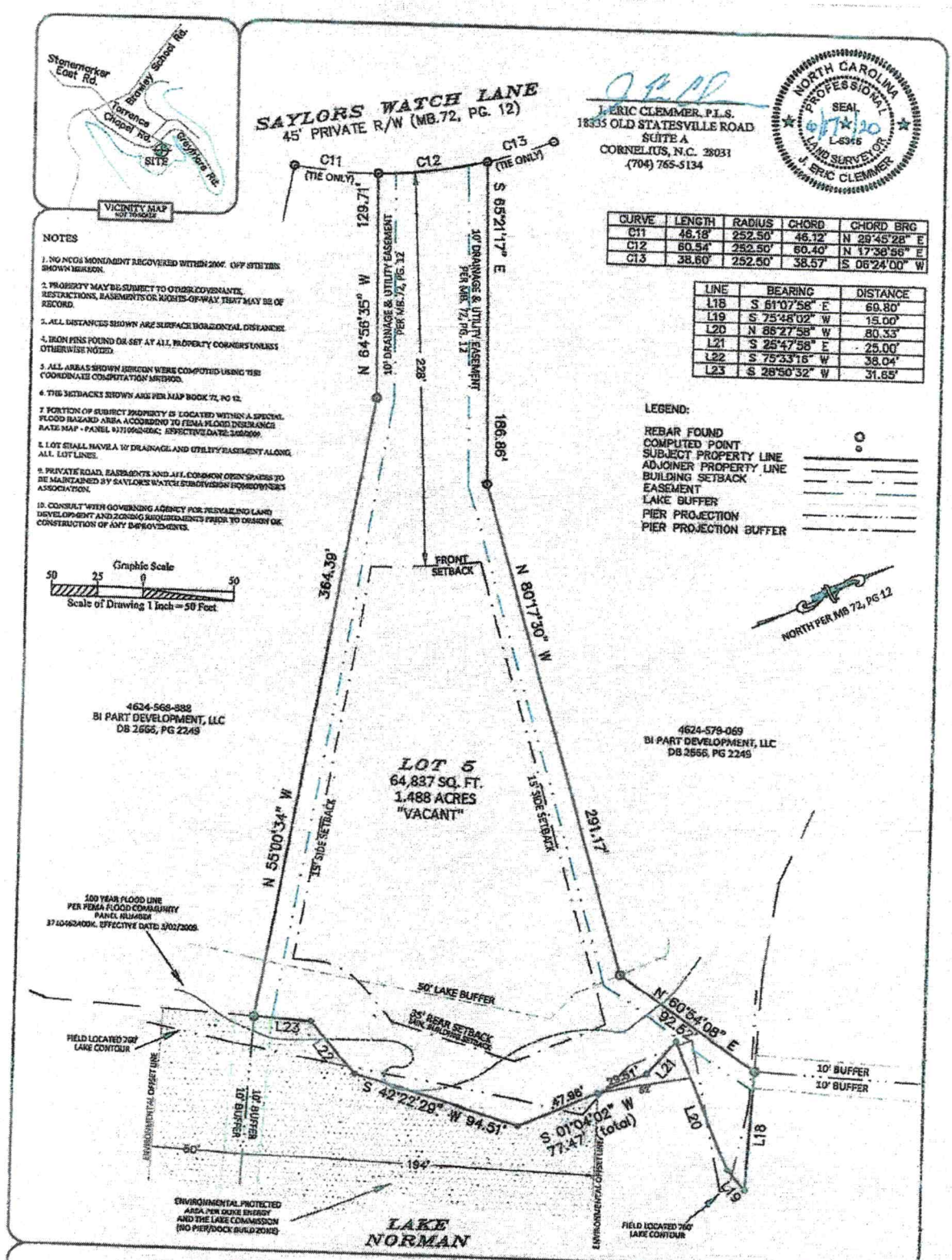
Saylors Watch Lot 5 Septic Site Plan - BI PART DEV LLC - March 22, 2020

Base site plan from ColeJenest & Stone, PA and Professional Property Surveyors, Inc. Proposed septic lines sketched on site plan by Penninger Soil Consulting, PLLC

Approximate septic line locations - refer to flagged lines in field. Septic System must be approved and permitted by ICHD.

1:60

115 Saylors Watch Lot 5



CURVE	LENGTH	RADIUS	CHORD	CHORD BRG
C11	46.18'	252.50'	46.12'	N 29°45'28" E
C12	60.54'	252.50'	60.40'	N 17°36'56" E
C13	38.60'	252.50'	38.57'	S 06°24'00" W

LINE	BEARING	DISTANCE
L18	S 61°07'58" E	69.80'
L19	S 75°48'02" W	15.00'
L20	N 86°27'58" W	80.33'
L21	S 25°47'58" E	25.00'
L22	S 75°33'16" W	38.04'
L23	S 28°50'32" W	31.65'

LEGEND:
REBAR FOUND
COMPUTED POINT
SUBJECT PROPERTY LINE
ADJOINER PROPERTY LINE
BUILDING SETBACK
EASEMENT
LAKE BUFFER
PIER PROJECTION
PIER PROJECTION BUFFER

NOTES

1. NO NCGS MONUMENT RECOVERED WITHIN 2000'. OFF SITE TIES SHOWN HEREON.
2. PROPERTY MAY BE SUBJECT TO OTHER COVENANTS, RESTRICTIONS, EASEMENTS OR RIGHTS-OF-WAY THAT MAY BE OF RECORD.
3. ALL DISTANCES SHOWN ARE SURFACE HORIZONTAL DISTANCES.
4. IRON PINS FOUND OR SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.
5. ALL AREAS SHOWN HEREON WERE COMPUTED USING THE COORDINATE COMPUTATION METHOD.
6. THE SETBACKS SHOWN ARE PER MAP BOOK 72, PG 12.
7. PORTION OF SUBJECT PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA ACCORDING TO FEMA FLOOD INSURANCE RATE MAP - PANEL 3710462400K; EFFECTIVE DATE: 3/02/2009.
8. LOT SHALL HAVE A 10' DRAINAGE AND UTILITY EASEMENT ALONG ALL LOT LINES.
9. PRIVATE ROAD, EASEMENTS AND ALL COMMON OPEN SPACES TO BE MAINTAINED BY SAYLORS WATCH SUBDIVISION HOMEOWNER'S ASSOCIATION.
10. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.

J. ERIC CLEMMER, P.L.S.
18335 OLD STATESVILLE ROAD
SUITE A
CORNELIUS, N.C. 28031
(704) 765-5134

NORTH CAROLINA PROFESSIONAL SEAL L-5345 LAND SURVEYOR J. ERIC CLEMMER

Physical Survey of Lot 5 of Saylors Watch

Professional Property Surveyors, Inc. 18335 Old Statesville Road Ste. A Cornelius, N.C. 28031 704-765-5134 Phone/Fax Firm License: C-3666	Property of: Bi Part Development, LLC	As Recorded in: Map Book 72, Pg 12 Deed Book 2666, Pg 2249				Site Address: 115 Saylors Watch Lane Mooresville, NC 28117 Iredell County	
061720-04 Job No.	JML Prepared By	≥ 1:10,000 Error of Closure	1"=50' Drawing Scale	4624-569-997 Tax Parcel Number	LOT 5 Drawing File Name	1 of 1 Sheet Number	6/17/2020 Date

RECEIVED SEP 10 2021

MD

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

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Intermediate AP-305639 $320.00

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: Miguel Paludo Address: 18611 Staircreek Dr. Cornelius, NC 28031
Applicant Email: miguel@miguelpaludo.com Phone: 704-895-0606 Alt. Phone: _____
Owner Name: Miguel Paludo Address: 18611 Staircreek Dr. Cornelius Zip: 28031
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 115 Saylors Watch Ln, Mooresville, NC 28117
Subdivision Name: Saylors Watch Section/Phase: — Lot Number: 5
Driving Directions: Brawley School, turn left Torrence Chapel @ end Saylors Watch thru gate, lot #5 on left side of road

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: 6
Maximum Number of Occupants: 12
( ) 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 ( ) Existing Well (X) 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.

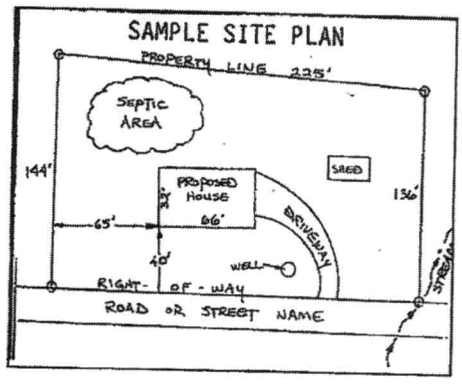
Signature: Patricio S. de Souza 09/02/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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 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 and well location**
- ( ) **Area you prefer your septic system to be placed**
- ( ) **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: Patricia S. de Souza

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

09/02/21

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, Patricia S. de Souza / MIGUEL PALUDO, am the legal owner(s) of the property located at 125 SAYLORS WATCH LN, 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.

Patricia S. de Souza _____ 09/02/21
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

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 ****

_____ **Complete all Environmental Health forms**:

_____ Application
_____ Site Plan including the dimensions of proposed structure, addition, pool etc.
_____ Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
_____ Copy of Zoning Permit when applicable
_____ Sign this sheet after you have completed all items

_____ **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.**

_____ **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.**

_____ **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.

_____ **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 nonrefundable. 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 Patricia S. de Souza **Date** 09/02/21

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (1st 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

IREDELL COUNTY · NC

Cash Register Receipt

Iredell County

Receipt Number
R12693

DESCRIPTION	ACCOUNT	QTY	PAID
PermitTRAK			**$320.00**
AP-305639 Address: 115 SAYLORS WATCH LN APN:			**$320.00**
EH RE-LAYOUTS			$320.00
INTERMEDIATE	10492751-447004	0	$320.00
TOTAL FEES PAID BY RECEIPT:R12693			**$320.00**

Date Paid: Tuesday, September 07, 2021

Paid By: John R Whitley

Cashier: BBN

Pay Method: CREDIT CARD 305639

SUPERION