ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 244002

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

PIN # 4635505218

APPLICANT/OWNER: Thomas Warren | APPLICANT ADDRESS: 175 Schooner Rd. Mooresville, NC

SITE ADDRESS: 175 Schooner Rd. Mooresville, NC | PHONE: 704-799-5016 | ALT. PHONE —

SITE DIRECTIONS: Langtree Rd → R on Schooner → lot at end on L | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Sailors Lair | SECTION: — | LOT # 23 | LOT AREA: .596 ac | DESIGN FLOW: 480gpd | L.T.A.R.: .4

Septic Tank	1000	(gal)	STB	794	Date	7-26-19	☐ New System	☑ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank	1000	(gal)	PT	27	Date	7-26-19	System Description:				
Pump Make			Model		Serial #		Repair System Description:	LP PPBPS			
# Nitrification Fields			# Lines	2	Linear Ft:	190'	Maintenance Agreement Required:	☑ YES	☐ NO		
Trench Width	24"		Trench Bottom Depth(Low side)	32" *			Gravel Depth	—	☐ GRAVITY	☑ PRESSURE	

☑ Residence	No. Bedrooms	4	Water Supply	
☐ Business	No. Persons	8	☑ Private	
☐ Other	No. Employees	—	☐ Public	
☐ Slab	☑ Crawl Space		☐ Community	
☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions: Pump, crush + fill existing tank. Disconnect existing drain lines. All utility lines must be relocated. * OK to cheat contour up to 1.5'. Starting low side is 32". Do NOT exceed max depth of 52". See attached easement for encroachment to access road 8.7" to house from ST, 53' to well

INITIAL SITE SKETCH

See attached site plan

AS BUILT SKETCH

8/30/19 Abandoned exist. ST. & checked new tanks
9/4/19 32" shallow end, 52" deep
Checked lines
Installed as drawn

	Date	Initials
Drain Lines Checked	9/4/19	MD
Tanks Checked	8/30/19	MD
Pressure Manifold or Valve Box Checked	9/18/19	"
Pressure Head Set	"	"
Electrical Checked	9/18/19	MD
Floats Set	9/18/19	MD
Alarm Checked	"	"
Maintenance Contract Y / N	9/18/19	MD

* Install In Line Pump Filter 9/18/19 MD

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: 7-11-2019 Installed by: R & H

IMPROVEMENT PERMIT by: Kayla Witten Date: 7-8-19 OPERATION PERMIT by: Maria Dolsen Date: 9/18/19

AUTHORIZATION TO CONSTRUCT by: Kayla Witten Date: 7-8-19 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-864-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your inspection time.

PJB 4:00

ICHD–ENVIRONMENTAL HEALTH DIVISION

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PERMIT # 244002

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SITE DIRECTIONS: Langtree Rd → R on Schooner → lot at end on L | SAP CONTROLLED: ☐ YES ☑ NO

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Pump Tank	1000 (gal)	PT	27	Date	7-26-19	System Description:	
Pump Make		Model		Serial #		Repair System Description:	LP PPBPS
# Nitrification Fields	1	# Lines	2	Linear Ft:	190'	Maintenance Agreement Required:	☑ YES ☐ NO
Trench Width	24"	Trench Bottom Depth(Low side)	32" *	Gravel Depth	—		☐ GRAVITY ☑ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms 4 | No. Persons 8 | No. Employees | ☑ Crawl Space | ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Pump, crush, + fill existing tank. Disconnect existing drain lines. All utility lines must be relocated. *OK to cheat contour up to 1.5'. Starting low side is 32". Do NOT exceed max depth of 52". See attached easement for encroachment to access road 8.7" to house from ST, 53' to well

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32" shallow end, 52" deep
9/4/19 Checked lines
Installed as drawn

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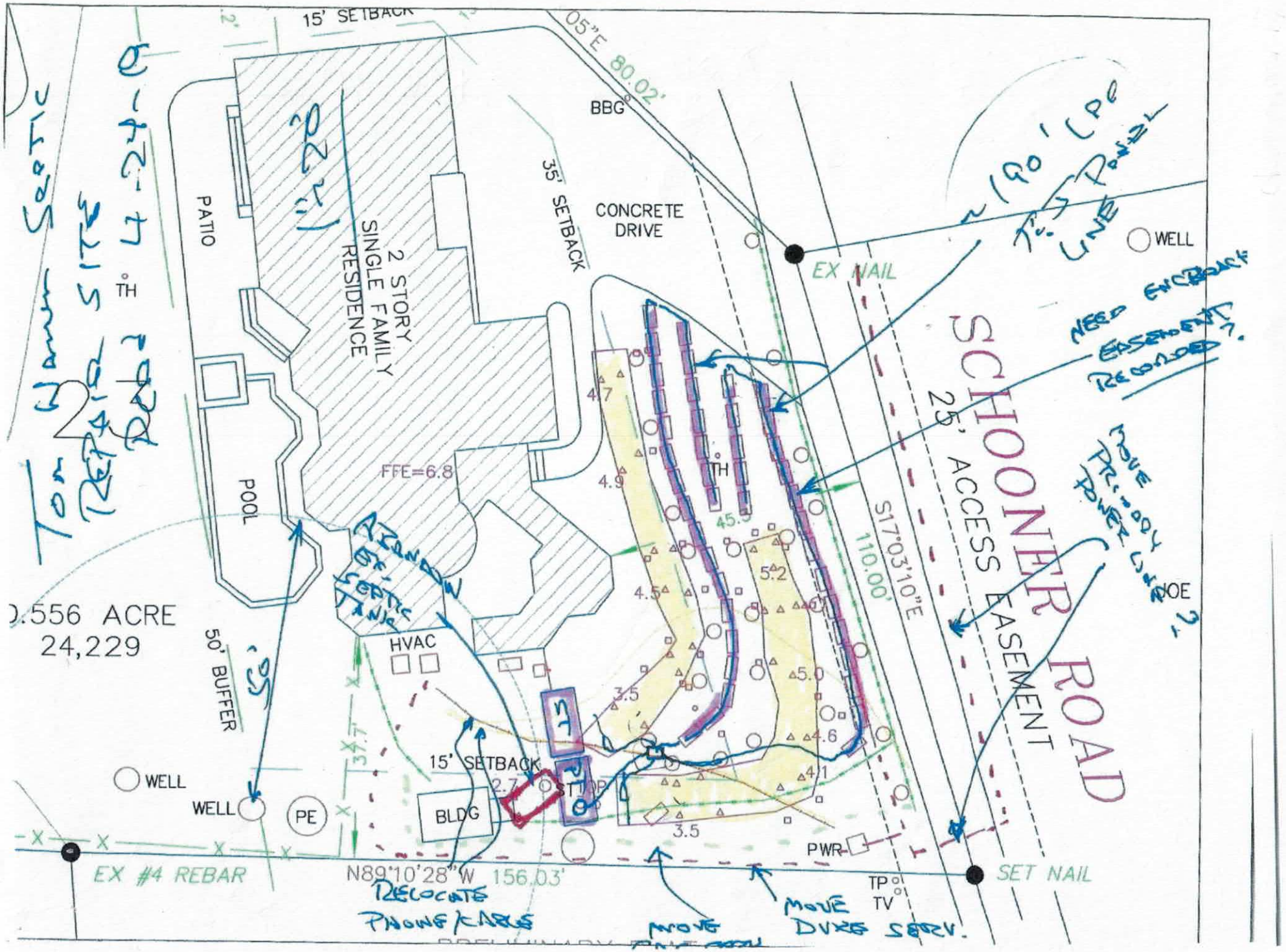
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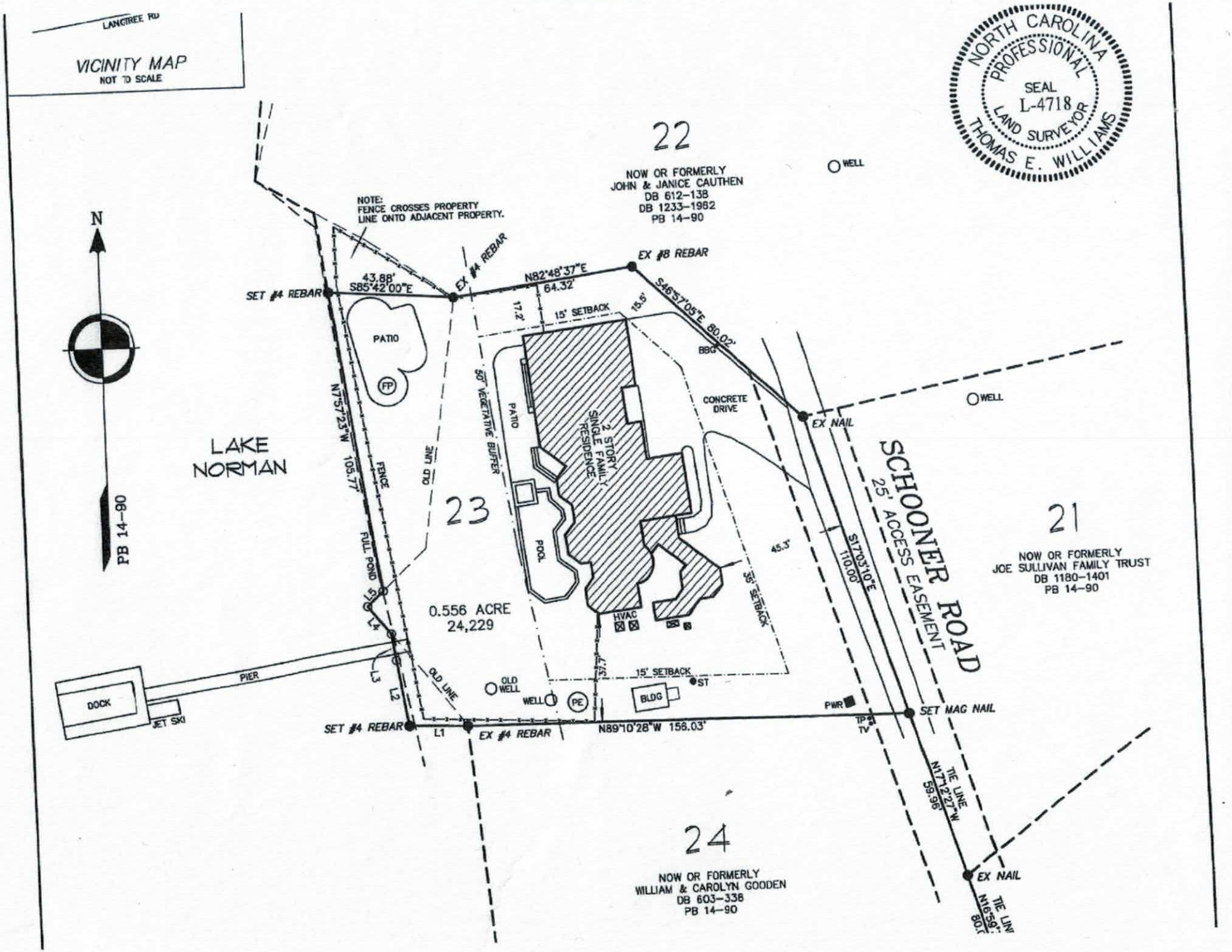
Owner / Applicant Signature: [signature] Date: 7-11-2019 Installed by: R & H

IMPROVEMENT PERMIT by: Kayla Watson Date: 7-8-19 OPERATION PERMIT by: Marian Dotson Date: 9/18/19

AUTHORIZATION TO CONSTRUCT by: Kayla Watson Date: 7-8-19 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-864-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.


15' SETBACK
BBG
35' SETBACK
CONCRETE DRIVE
PATIO
2 STORY SINGLE FAMILY RESIDENCE
POOL
FFE=6.8
HVAC
50' BUFFER
WELL
WELL
PE
15' SETBACK
BLDG
ST
PTO
EX NAIL
WELL
SCHOONER ROAD
25' ACCESS EASEMENT
S17°03'10"E
110.00'
PWR
TP
TV
EX #4 REBAR
N89°10'28"W 156.03'
SET NAIL
.556 ACRE
24,229
4.7
4.9
4.5
5.2
5.0
4.6
4.1
3.5
3.5
45.9
TH
TH


LANCTREE RD
VICINITY MAP
NOT TO SCALE
NORTH CAROLINA PROFESSIONAL SEAL L-4718 LAND SURVEYOR THOMAS E. WILLIAMS
22
NOW OR FORMERLY
JOHN & JANICE CAUTHEN
DB 612-138
DB 1233-1962
PB 14-90
NOTE:
FENCE CROSSES PROPERTY
LINE ONTO ADJACENT PROPERTY.
WELL
EX #4 REBAR
EX #8 REBAR
SET #4 REBAR
43.88'
S85°42'00"E
N82°48'37"E
64.32'
S46°37'05"E 80.02'
17.2'
15' SETBACK
15.5'
PATIO
FP
50' VEGETATIVE BUFFER
PATIO
2 STORY
SINGLE FAMILY
RESIDENCE
BBQ
CONCRETE
DRIVE
EX NAIL
WELL
N
PB 14-90
LAKE
NORMAN
N75°23'W 105.77'
FENCE
OLD LINE
23
SCHOONER ROAD
25' ACCESS EASEMENT
21
NOW OR FORMERLY
JOE SULLIVAN FAMILY TRUST
DB 1180-1401
PB 14-90
FULL POND
L5
L4
POOL
0.556 ACRE
24,229
HVAC
45.3'
S17°03'10"E
110.00'
35' SETBACK
PIER
DOCK
JET SKI
L3
L2
OLD LINE
OLD WELL
WELL
PE
37.7'
15' SETBACK
ST
BLDG
PWR
TP
TV
SET MAG NAIL
SET #4 REBAR
L1
EX #4 REBAR
N89°10'28"W 156.03'
TIE LINE
N17°12'27"W
59.98'
EX NAIL
TIE LINE
N16°59'
80.1'
24
NOW OR FORMERLY
WILLIAM & CAROLYN GOODEN
DB 603-338
PB 14-90

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

Sheet 1 of 1
PROPERTY ID #: 4635505218
COUNTY: Iredell

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

32" 1.5' contour change

OWNER: Thomas Warren
APPLICATION DATE 4-18-19
ADDRESS: 175 Schooner Rd
DATE EVALUATED: 5-14-19
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480gpd
PROPERTY SIZE: .596ac
LOCATION OF SITE: Langtree → R on Schooner → lot at end on L
PROPERTY RECORDED: Y/N S
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	4% LS	0-15	fill		84" wat in pit	75	50-75 SAP	many inc.	PS .4
		15-29	SBK C	Fr,SS,SP,SE					
		29-50	WSBK CL	Fr,SS,SP,SE					
		50-75	WSBK CL	Fr,SS,SP,SE					
		75-108	CL SAP	Fr,S,P					
2									
3									
4									

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

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Kayla Wilson
OTHER(S) PRESENT:

COMMENTS:

244002

call Paul Pennington for site visit

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM 704-996-6330

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: Thomas Warren Address: 175 Schooner Rd, Mooresville, NC Zip: 28117
Applicant Email: tbwarren@mac.com Phone: 704-799-5016 Alt. Phone: _____
Owner Name: Same as above Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 175 Schooner Road
Subdivision Name: Sailors Lair Section/Phase: _____ Lot Number: 23
Driving Directions: Langtree, TR Schooner, on left at 175 Schooner

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

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
(X) Repair to failing septic system

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
(X) Swimming Pool
( ) Other Addition/Structure: _____
(X) Tank (X) Drain lines Describe Problem: effluent running out of tank lid

CHECK FOUNDATION TYPE
( ) 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: 950 sq ft

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: 1978
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: T&J Panel

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: _____ 4-18-19
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, Thomas Warren, am the legal owner(s) of the property located at 175 Schooner Road, identified as PIN (Parcel Identification Number) 4635505218.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Paul Penninger / Penninger Soil Consulting _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

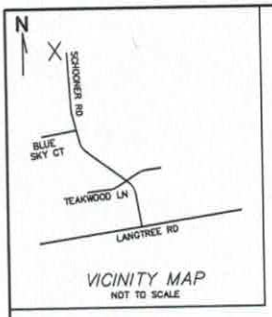
- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

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.

_____ 4-18-19
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



VICINITY MAP
NOT TO SCALE

NOTES:

1) Area determined by Coordinate Computation Method.
2) Property subject to any facts that may be disclosed by a full and accurate title search.
3) Property may be subject to any Restrictions, Easements, and/or Right of Ways of record and those not of record if they exist.
4) A portion of Subject Property is located in a Special Flood Hazard Area (ZONE AE) as designated by the FEMA FLOOD INSURANCE RATE MAPS. See Map Number 3710463500J – Effective Date 3/18/2008.
5) No Geodetic Monument found within 2000' of Subject Property.
6) Subject Property Zoning = R20.
7) Setbacks shown per Iredell County Land Development Code. Section 2.8
8) See DB 991-687 & 1205-1719.
9) Subject to Restriction for Sailor's Lair Subdivision per DB 602-981.

I, Thomas E. Williams, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 1205, Page 1724, or other reference source AS NOTED); that the boundaries not surveyed are shown as broken lines drawn from information found in adjoining deeds and plats as noted; that the ratio of precision is 1 : 10,000+; and that this plat meets the requirements of The Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.

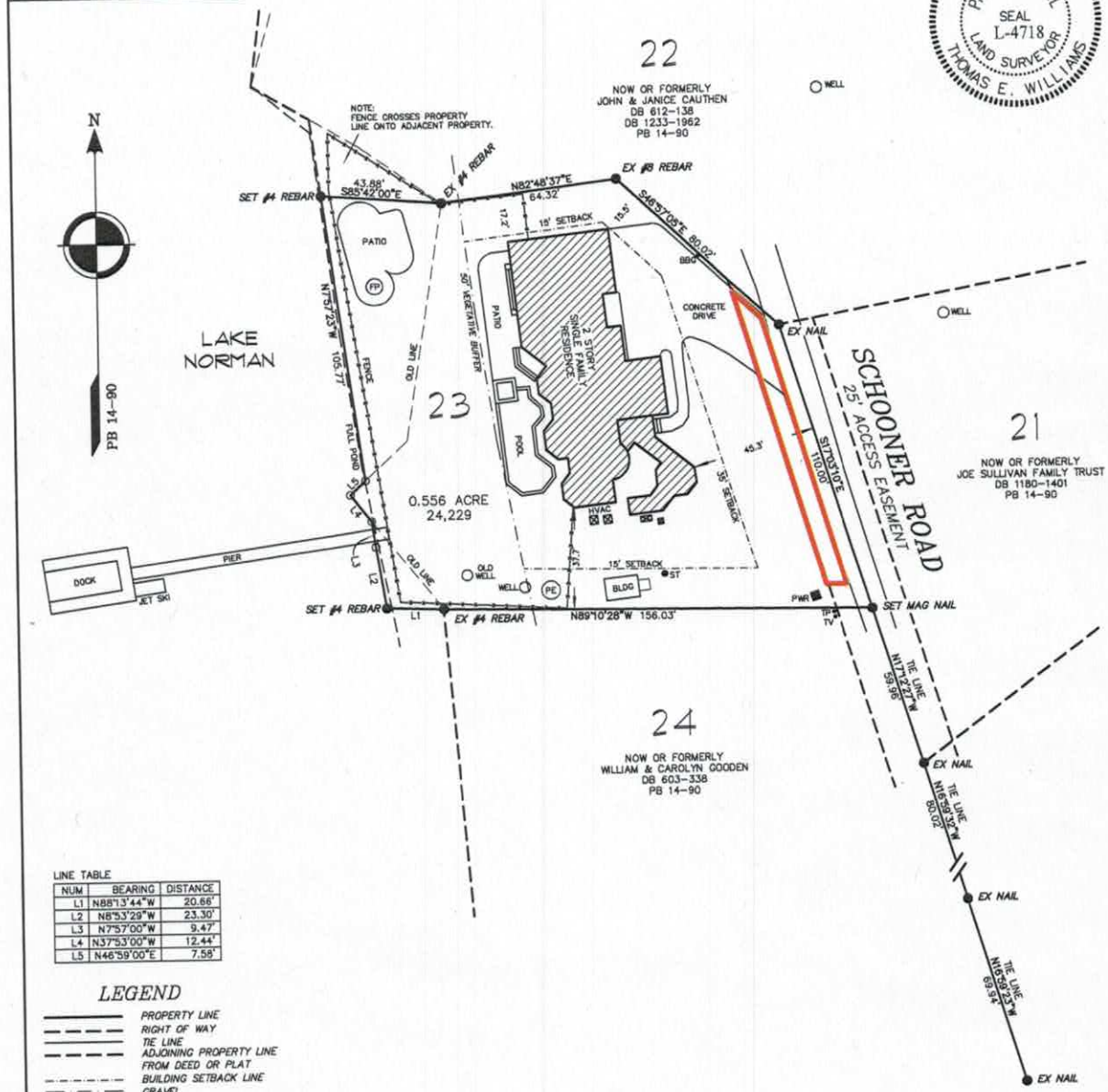
This survey is of an existing parcel or parcels of land and does not create a new street or change an existing street.

This 7th day of February, 2019.

Thomas E. Williams

Thomas E. Williams, NCPLS 4718

NORTH CAROLINA PROFESSIONAL SEAL L-4718 LAND SURVEYOR THOMAS E. WILLIAMS



LINE TABLE

NUM	BEARING	DISTANCE
L1	N88°13'44"W	20.66'
L2	N8°53'29"W	23.30'
L3	N7°57'00"W	9.47'
L4	N37°53'00"W	12.44'
L5	N46°59'00"E	7.58'

LEGEND

	PROPERTY LINE
	RIGHT OF WAY
	TIE LINE
	ADJOINING PROPERTY LINE
	FROM DEED OR PLAT
	BUILDING SETBACK LINE
	GRAVEL
	FULL POND
	FENCE
EX	EXISTING
BLDG	BUILDING
ST	SEPTIC TANK
PE	POOL EQUIPMENT
HVAC	HEAT PUMP
FP	FIRE PIT
PWR	POWER
TP	TELEPHONE PEDESTAL
TV	CABLE TV BOX
BBG	BASKETBALL GOAL

40 0 40 80

SCALE: 1" = 40'

NOTE: IRON STAKES AND MONUMENTS AS SHOWN (●), ALL OTHERS CALCULATED POINTS (○).

Williams Land Surveying, Inc.
License Number C-3638
274 Baymount Drive, Statesville, NC 28625
phone:(704) 876-3996 ~ email:runningonfaith@bellsouth.net
file: 19\SAILOR25

Boundary and Physical Survey
175 Schooner Road
SAILOR'S LAIR SUBDIVISION
LOT 23
AND ADJACENT PARCELS

Davidson Township, Iredell County, NC
PIN# 4635-50-5218 ~ DB 1205-1724 ~ PB 14-90
Property of: Thomas & Deborah Warren