ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 311962

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

PIN # 4636 -- 05 -- 8055

APPLICANT/OWNER: Terry Thompson | APPLICANT ADDRESS: 1329 Brawley School Rd, Mooresville NC 28117

SITE ADDRESS: 1329 Brawley School Rd, Mooresville NC 28117 | PHONE: 704-201-7916 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School Rd → U-turn @ McKendree → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

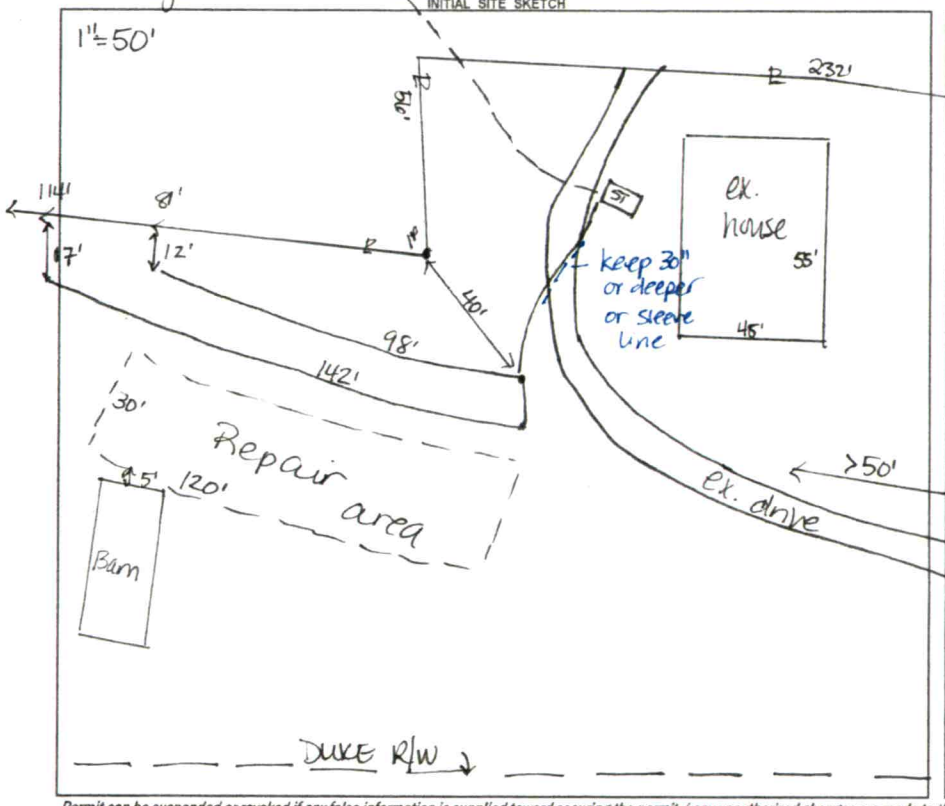
SUBDIVISION: N/A | SECTION: N/A | LOT # N/A | LOT AREA: ± 6.9 ac | DESIGN FLOW: 240 gpd | L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	Infiltrator	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 2	Water Supply
Pump Tank	(gal)	PT		Date	System Description: 25% Reduction				☐ Business	No. Persons 4	☒ Private
Pump Make		Model		Serial #	Repair System Description: ~~50%~~ Reduction				☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	2	Linear Ft. 240	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width	36"	Trench Bottom Depth ~~(Max 36")~~	36" Max	Gravel Depth N/A		☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing	☒ Basement w/o plumbing	

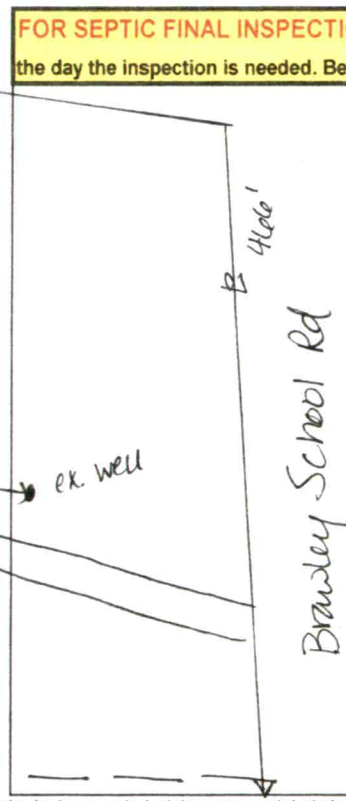
Comments / Conditions: Do not drive, pave, park, grade, or bury utilities in drainfield. Disconnect existing system - no longer to be used.

May reuse existing septic tank if tank meets all NC septic rules. New tank would need to be 15' from house, beside existing tank. Pump crush & fill old tnk

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.

- Encountered large roots - site plan altered as shown on attached 5/19/22
- Drive in back no longer used, keep supply as deep as possible, sleeve in larger PVC where it crosses under

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: 2/4/22 | Installed by: T4 Plumbing & Septic

IMPROVEMENT PERMIT by: D. Weberg Date: 2/2/22 | OPERATION PERMIT by: Cory Wil Date: 5/20/22

AUTHORIZATION TO CONSTRUCT by: D. Weberg Date: 2/3/22 | Existing System Inspected by: Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 311962

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

PIN # 4636 -- 04 -- 8944

APPLICANT/OWNER: Terry Thompson | APPLICANT ADDRESS: 1329 Brawley School Rd, Mooresville NC 28117

SITE ADDRESS: 1329 Brawley School Rd Mooresville NC 28117 | PHONE: 704-201-7916 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School Rd → U-turn @ McKendree → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

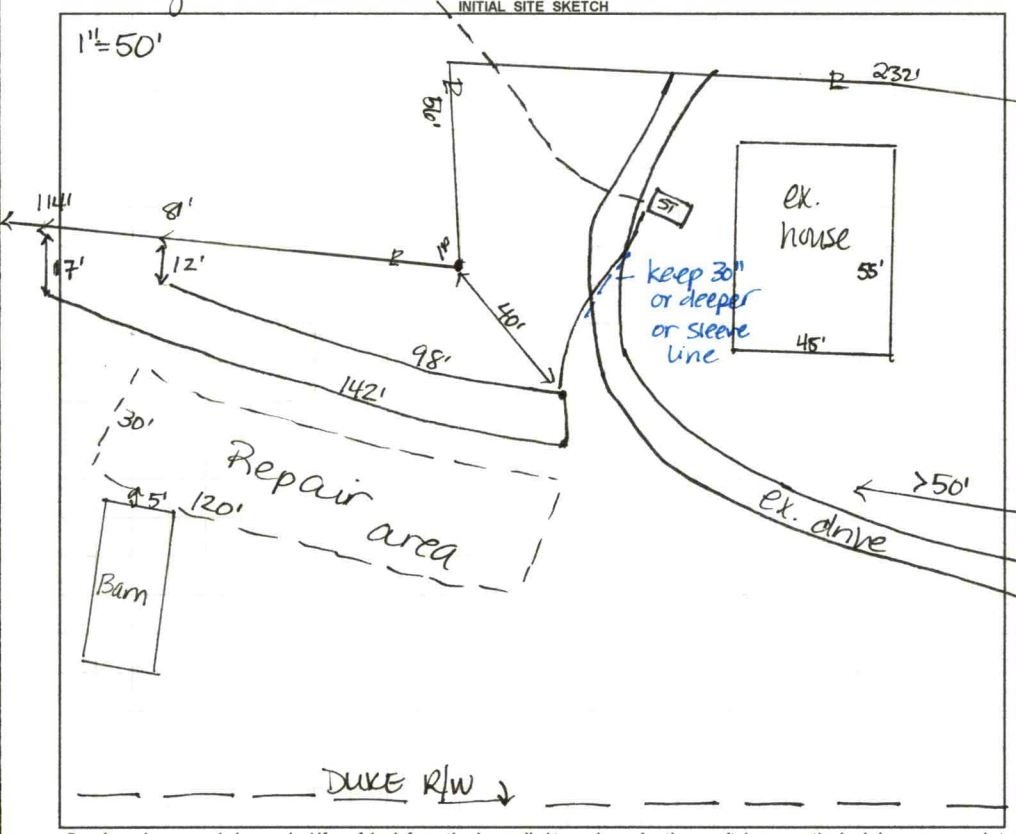
SUBDIVISION: N/A | SECTION: N/A | LOT # N/A | LOT AREA: ~ 6.9 ac | DESIGN FLOW: 640 gpd | L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	Infiltrator	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	2	Water Supply
Pump Tank	(gal)	PT		Date	System Description:	25% Reduction			☐ Business	No. Persons	4	☒ Private
Pump Make		Model		Serial #	Repair System Description:	50% Reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	2	Linear Ft.	240	Maintenance Agreement Required:	☐ YES	☒ NO	☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth (~~Low side~~)	36" Max	Gravel Depth	N/A	☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing	☒ Basement w/o plumbing		

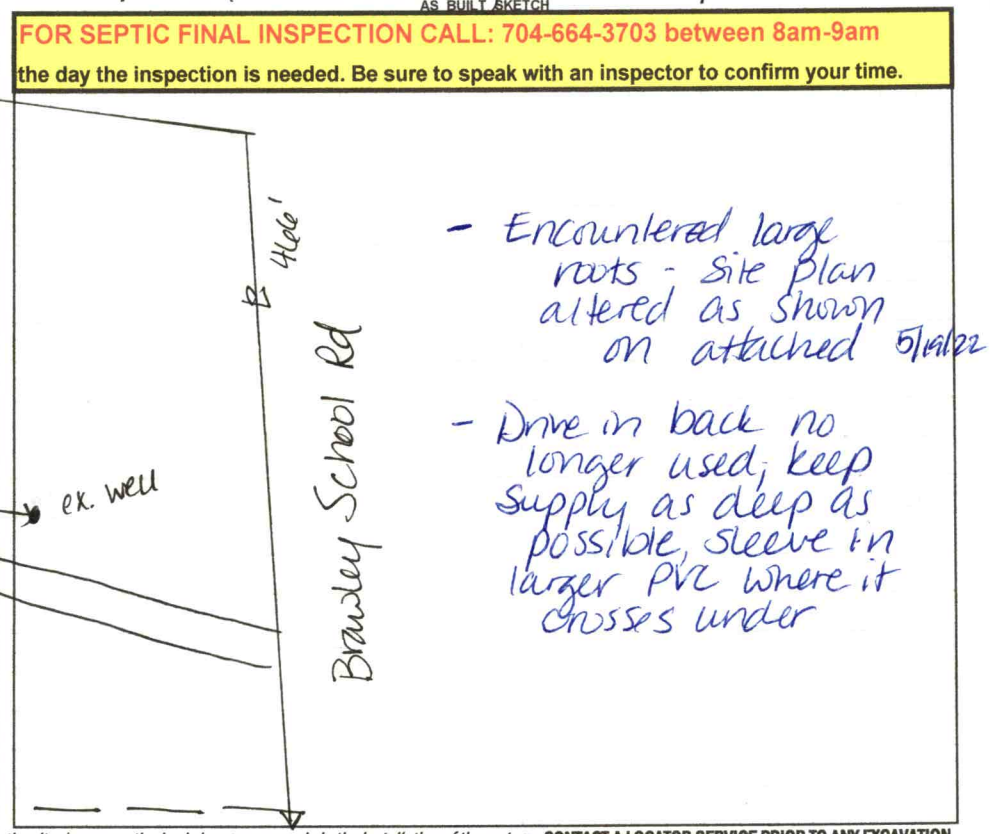
Comments / Conditions: Do not drive, pave, park, grade, or bury utilities in drain field. Disconnect existing system - no longer to be used.

May reuse existing septic tank if tank meets all NC septic rules. New tank would need to be 15' from house, beside existing tank. Pump, crush & fill old 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 EXCEPTION**

☐ **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: Terry Thompson | Date: 2/4/22 | Installed by: T4 Plumbing & Septic

IMPROVEMENT PERMIT by: D. Wieberg | Date: 2/2/22 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: D. Wieberg | Date: 2/3/22 | Existing System Inspected by: | Date:

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

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4630 04 8444
COUNTY: Iredell

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

OWNER: Terry Thompson
ADDRESS: 1329 Brawley School Rd Mooresville NC 28117
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: 1329 Brawley School Mooresville 28117
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ex. ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE 12/21/21
DATE EVALUATED: 1/2022
PROPERTY SIZE:
PROPERTY RECORDED: yes

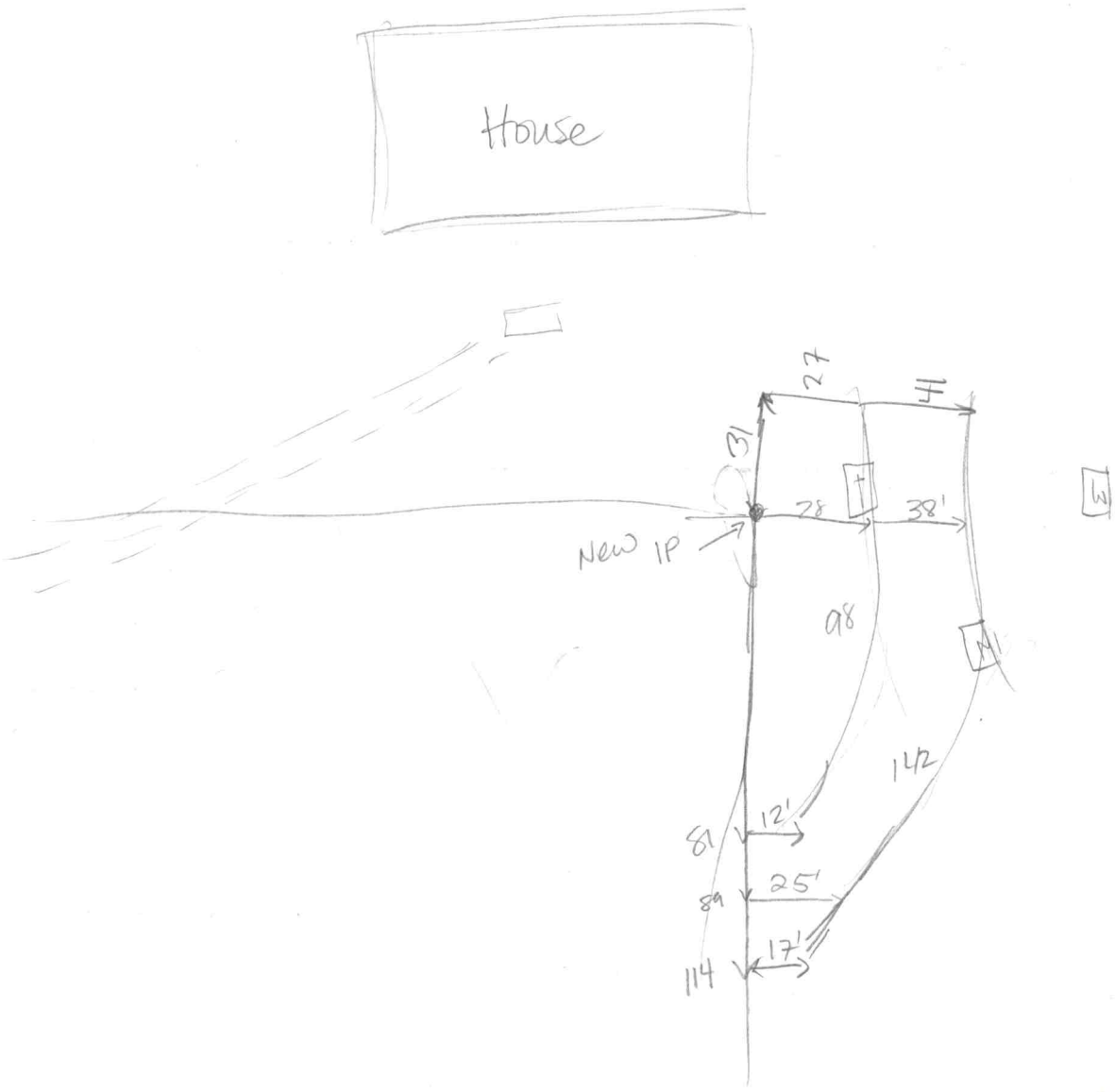
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5-10	0-6	SCL - SBK	SSSP-FR-SEXP	N/A	52"	N/A	N/A	PS 0.3
		6-30	C - SBK/ABK	↓					
		30-52	CL - WSBK		ABK minor - primarily around roots				
					Sap wet	30"+			
2	LS 5-10	0-7	SCL - SBK	SSSP-FR-SEXP		48"	N/A	N/A	~~PS~~ 0.25
		7-40	C SBK/ABK	↓			increase ¼"+		
		40-48	CL - SBK		YB - mottles				
3	LS 5-10	0-10	SCL - SBK	SSSP-FR-SEXP		48"	N/A	N/A	PS 0.25 Max
		10-36	C - ABK/SBK	↓				deep Wall	
		36-48	CL - SBK		YB mottles prominent 10-36", min 36"+				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240'	
System Type(s)	2BR	
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Hebert
OTHER(S) PRESENT: P. Penninger, D. Beane

COMMENTS:

Brawley



call Paul Penninger for site visit 704.996.6330 RECEIVED DEC 21 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM AP-311962 $500.00

Application For: ( ) 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: ( ) 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: Terry Thompson **Address:** 1329 Brawley School Rd Mooresville, NC **Zip:** 28117

Applicant Email: email: ts57e sh:j. ict **Phone:** 704-201-7916 **Alt. Phone:**

Owner Name: Same as above **Address:** **Zip:**

Owner Email: **Phone:** **Alt. Phone:**

****

Property Information: 142 98

Street Address: 1329 Brawley School Road

Subdivision Name: Parcel No. 4636048944.000 **Section/Phase:** **Lot Number:**

Driving Directions: Brawley School Rd, Past Isle of Pines on left at 1329 Brawley School Road

****

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

EX. HOUSE

( ) 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: 3
Maximum Number of Occupants: 6
( ) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
(X) 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 (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:
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other: 2-5-1

****

Please answer the following to the best of your ability:

(X) Yes ( ) No Does the site contain any jurisdictional wetlands? STAKED
( ) 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: Terry Thompson 12.21.21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

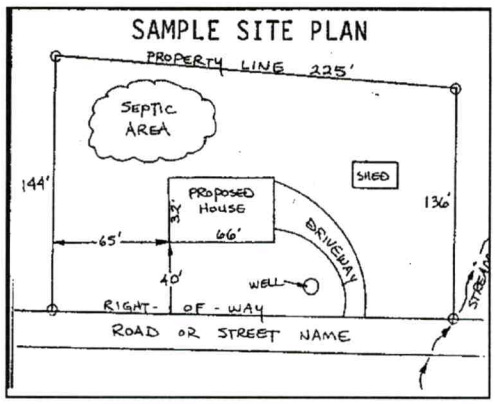
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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** P.L. By Sys Dr
- (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**

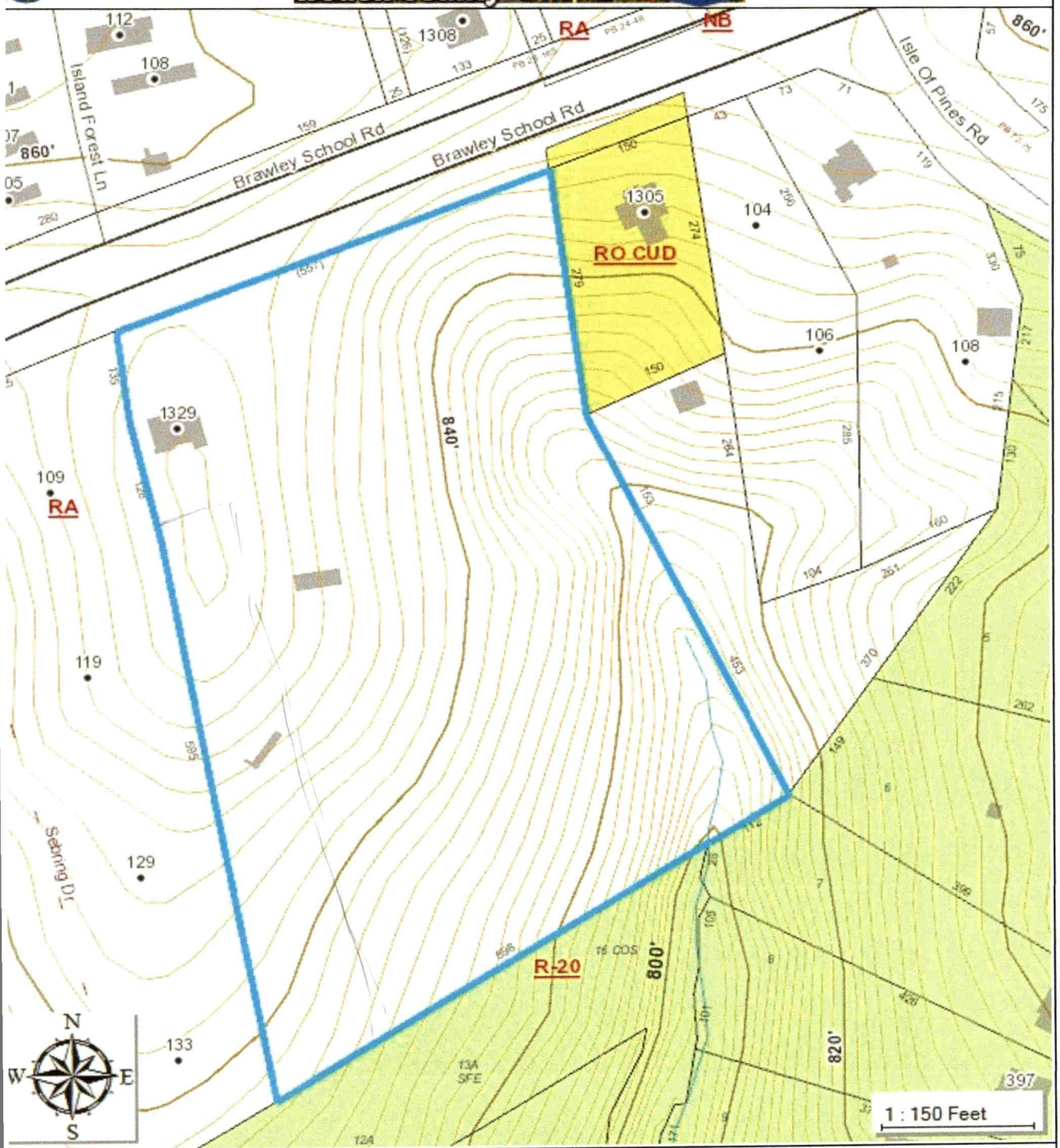
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached site plan.

Signature: _____ 12-21-21

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



e maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information ovided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of y of this information is at their own risk. All maps on this site were prepared using a 1000â€™ Grid based upon the North Carolina State Plane Coordinate System from e 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as ficial notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.

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*) Terry Thompson

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, Terry Thompson, am the legal owner(s) of the property located at 1329 Brawley School Road, identified as

PIN (Parcel Identification Number) 4636048944.000, 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

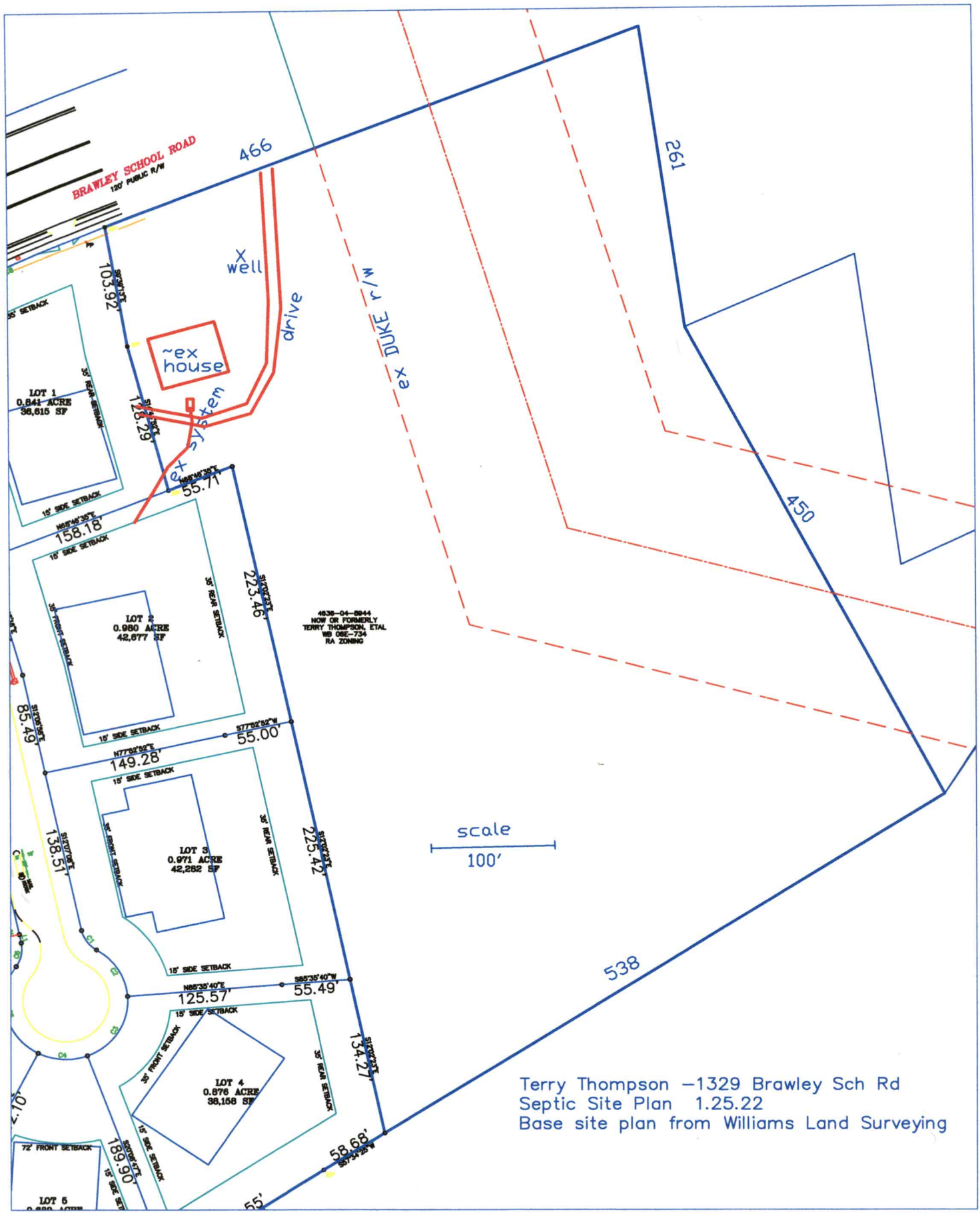
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Terry Thompson
Signature of Owner(s)

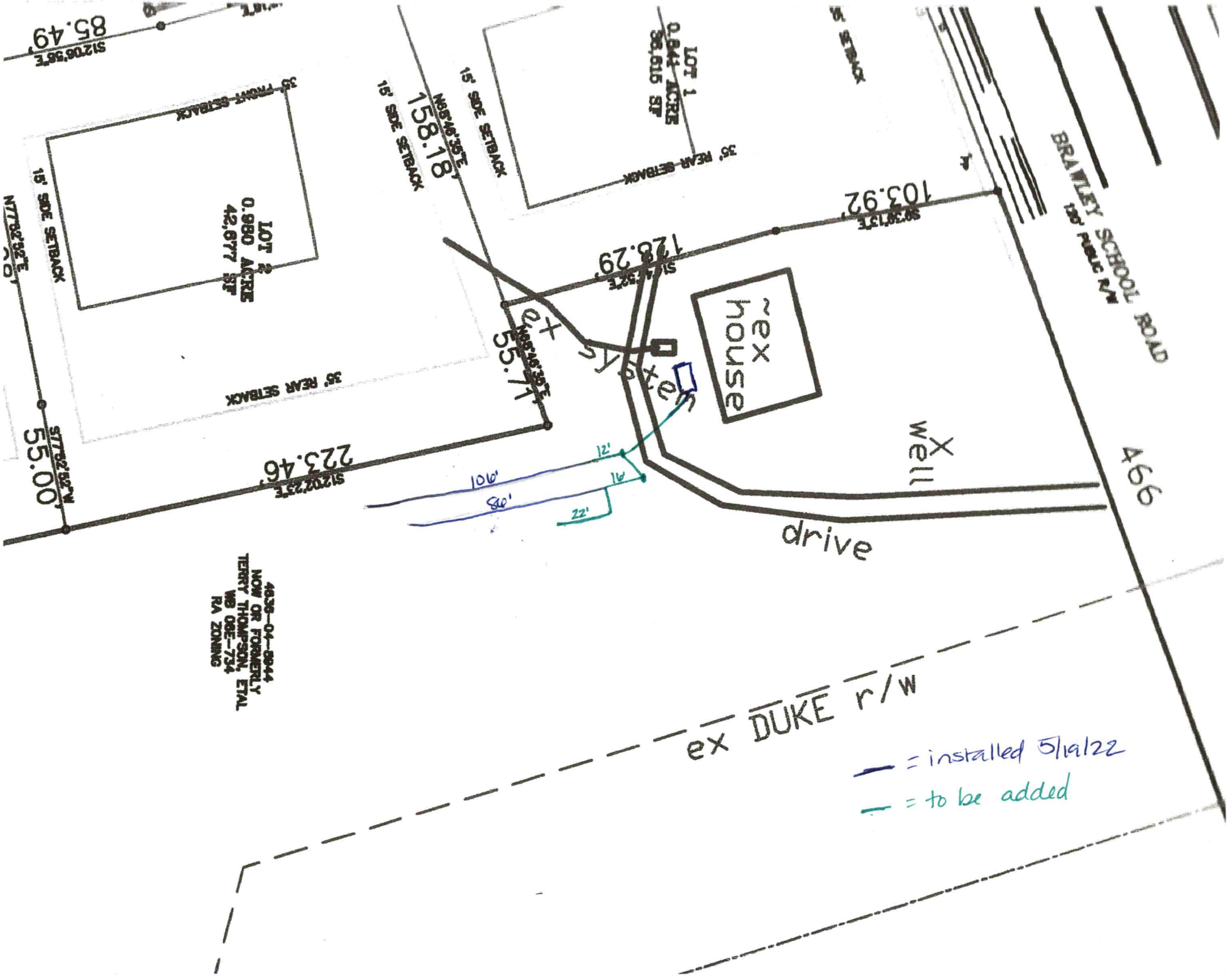
12-21-21
Date

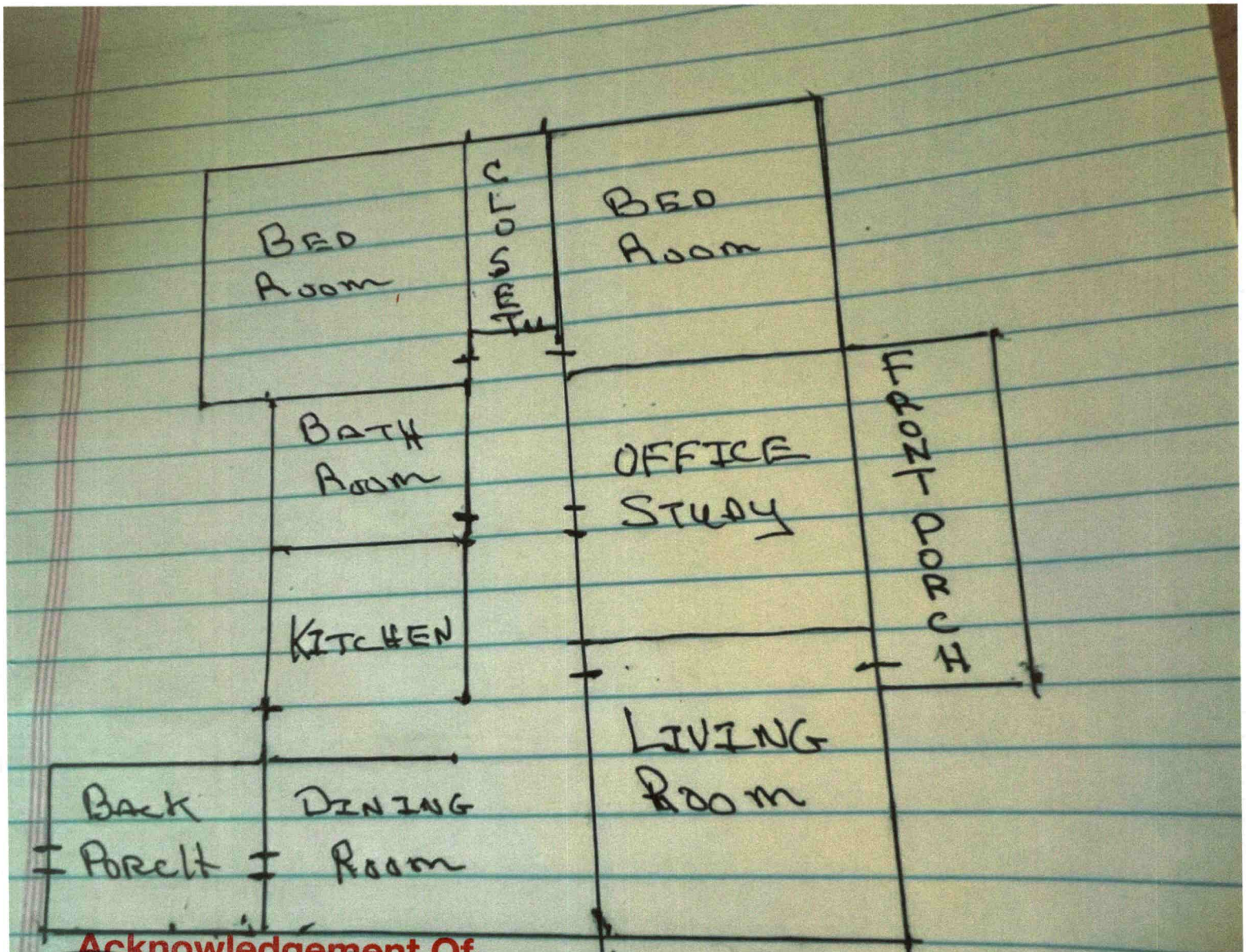
Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677



Terry Thompson –1329 Brawley Sch Rd
Septic Site Plan 1.25.22
Base site plan from Williams Land Surveying


LOT 2
0.980 ACRE
42,677 SF
LOT 1
0.841 ACRE
36,615 SF
35' FRONT SETBACK
35' REAR SETBACK
15' SIDE SETBACK
15' SIDE SETBACK
35' REAR SETBACK
15' SIDE SETBACK
N88°46'35"E
158.18'
N88°46'35"E
55.71'
S12°06'36"E
85.49'
S87°32'23"E
103.92'
S12°47'32"E
128.29'
S12°02'23"E
223.46'
S77°32'52"W
55.00'
N77°32'52"E
55.00'
ex house
ex shed
ex well
ex drive
BRAWLEY SCHOOL ROAD
60' PUBLIC R/W
466
12'
16'
22'
106'
86'
4636-04-8944
NOW OR FORMERLY
TERRY THOMPSON, ETAL
WB 086-734
RA ZONING
ex DUKE r/w
= installed 5/19/22
= to be added



Acknowledgement Of Plans Submittal ONLY!

Thompson Date

Date 2/4/22

1000 BRAWLEY SCHOOL ROAD
MOORESVILLE, N.C. 28117