IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 229198

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

PIN # 4771168573.000

APPLICANT/OWNER: Brian & Judy Ratchford APPLICANT ADDRESS: 153 Clairlane, Apt. 208 Mooresville, NC 28117

SITE ADDRESS: 980 Triplett Rd Cleveland, NC 27013 PHONE: (704) 905-2106 ALT. PHONE (704) 905-1877

SITE DIRECTIONS: I77 exit 45, TL onto Amity Hill Rd, TL onto Oswalt Amity Rd, TL onto Triplett Rd, property on left SAP CONTROLLED: ☒ YES ☐ NO

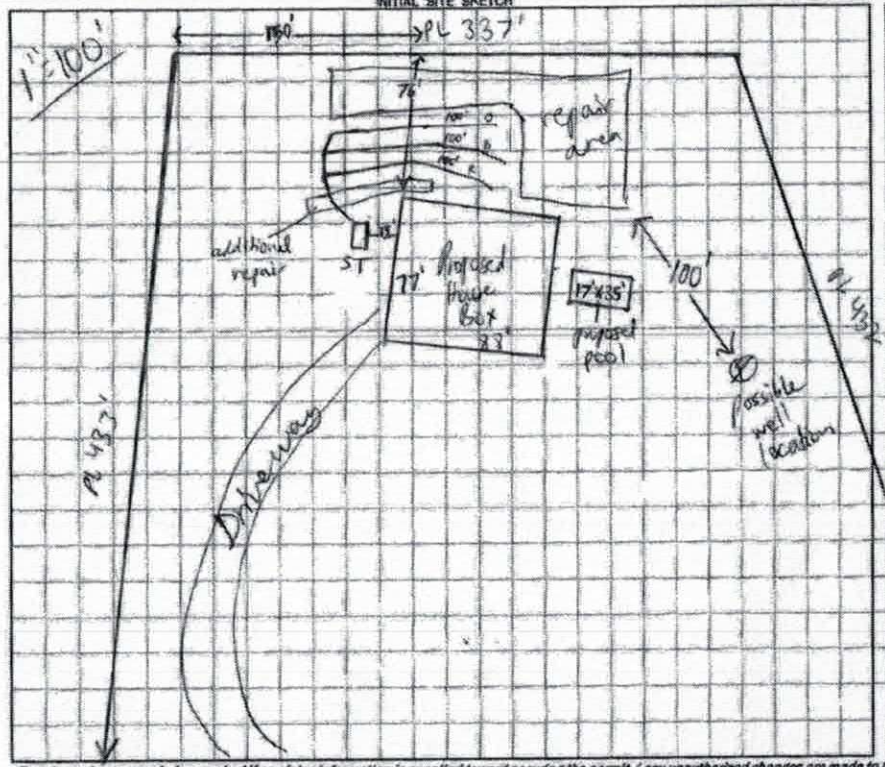
SUBDIVISION: — SECTION: — LOT # — LOT AREA: 5.11 acres DESIGN FLOW: 360 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	3-24-19	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% reduction			
Pump Make	—	Model	—		Serial #	—	Repair System Description:	25% reduction			
# Nitrification Fields	1	# Lines	3		Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)	33"		Gravel Depth	—	☒ GRAVITY	☐ PRESSURE			

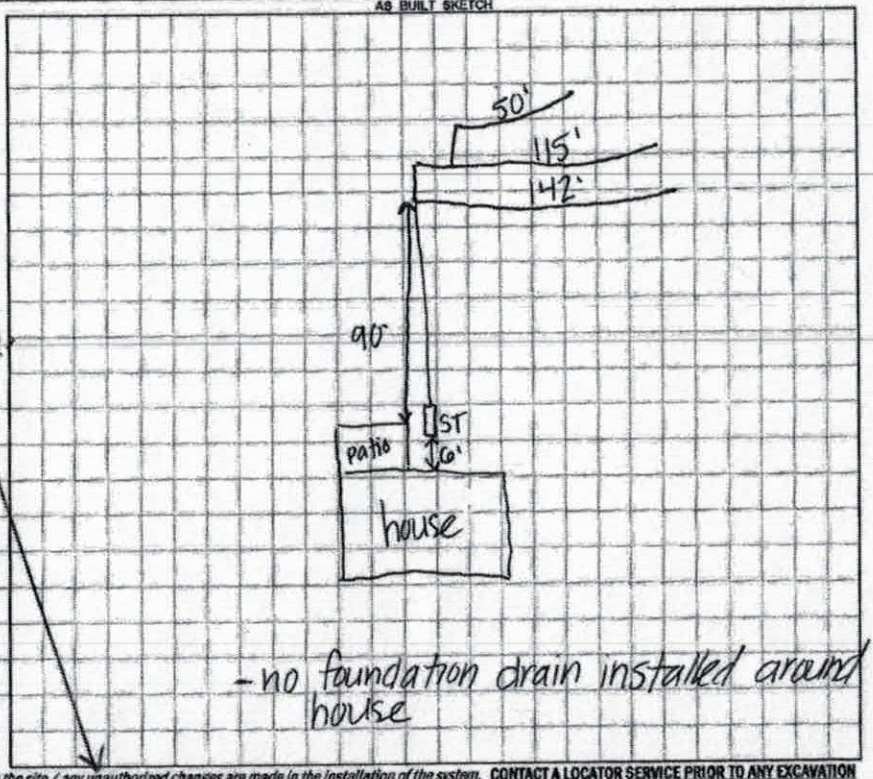
☒ Residence	No. Bedrooms	3	Water Supply		
☐ Business	No. Persons	6	☒ Private	☐ Public	☐ Community
☐ Other	No. Employees	—			
☐ Slab	☒ Crawl Space				
☐ Basement w/plumbing		☐ Basement w/o plumbing			

Comments / Conditions: Only 300 feet need to be installed! More than 300 feet were flagged out on the property.

INITIAL SITE SKETCH



AS BUILT SKETCH



- no foundation drain installed around house

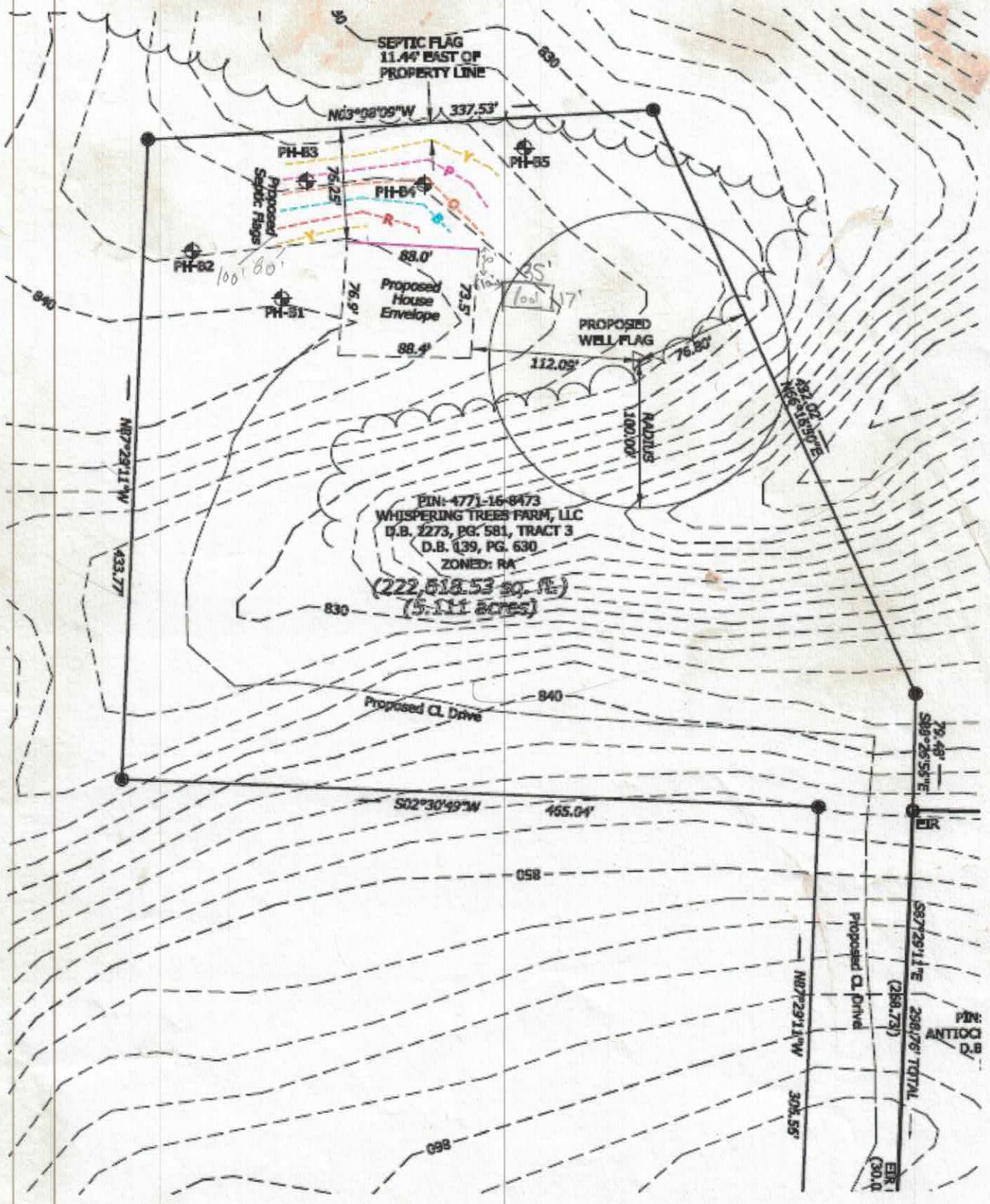
Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ 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: Brian H Ratchford Date: 8/17/17 Installed by: Leach Grading

IMPROVEMENT PERMIT by: Mohamed Dumarsh Date: 8/16/2017 OPERATION PERMIT by: Kayla Watson Date: 5-21-19

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Bothe Date: 5/29/2018 Existing System Inspected by: — Date: —


SEPTIC FLAG
11.44' EAST OF
PROPERTY LINE
N03°08'09"W 337.53'
PH-83
PH-85
PH-84
Proposed Septic Flags
75.25'
PH-82
100' 60'
88.0'
PH-81
Proposed House Envelope
76.9'
73.5'
88.4'
PROPOSED WELL FLAG
112.09'
76.80'
100.00'
RADIUS
N43°02'
N66°18'30"E
PIN: 4771-16-8473
WHISPERING TREES FARM, LLC
D.B. 1273, PG. 581, TRACT 3
D.B. 139, PG. 630
ZONED: RA
(222,618.53 sq. ft.)
(5.111 acres)
N02°29'11"W 433.77'
Proposed CL Drive
S02°30'49"W 465.04'
79.48'
S89°26'55"E
EIR
S87°29'11"E
(268.73')
298.76' TOTAL
Proposed CL Drive
N87°29'11"W
305.55'
EIR
(30.0
PIN:
ANTIOCH
D.B.
830
840
850
890

Sheet 1 of 1

EHS

PROPERTY ID #: 477116847 3.000

ON-SITE WASTEWATER SECTION

COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Whispering Trees Farm LLC — APPLICATION DATE 8/3/17

ADDRESS: — DATE EVALUATED: 8/14/17

PROPOSED FACILITY: 3 BR House — PROPOSED DESIGN FLOW (.1949): 360 GPD — PROPERTY SIZE: 5.11 acres

LOCATION OF SITE: 980 Triplett Rd — PROPERTY RECORDED: no

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	7% L	0-25	MSBk C	FR SS SP Sap	—	36	sandy sap @ 36"	—	0.3 PS
		25-41	WSBk CL	FR SS SP Sap					
		41-60	sandy sap.	VFR Sap					
2	7% L	0-11	MSBk C	FI SS SP Sap	—	30	sandy sap @ 30"	—	0.3 PS
		11-30	WSBk CL	FR SS SP Sap					
		30-60	sandy sap.	VFR Sap					
3	7% L	0-39	MSBk C	FR SS SP Sap	—	50	—	—	0.3 PS
		39-50	WSBk CL	FR SS SP Sap					
4	7% L	0-27	MSBk C	FI SS SP Sap	—	48	sandy sap @ 48"	—	0.3 PS
		27-48	WSBk CL	FR SS SP Sap					
		48-55	sandy sap.	VFR Sap					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300 lin feet	300+ lin feet
System Type(s)	25% reduction	25% reduction
Site LTAR	0.3	0.3

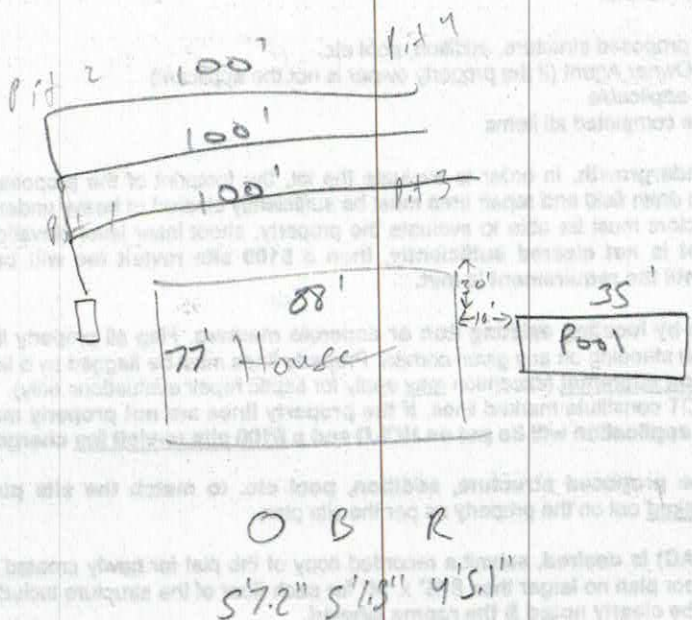
OTHER FACTORS (.1946): PS

SITE CLASSIFICATION (.1948):

EVALUATED BY: Mohammed Ramoier

OTHER(S) PRESENT:

COMMENTS:



O B R

5'7.2" 5'1.5" 4'5.1"

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

PAGE 1: *APPLICATION FORM*

RECEIVED AUG 3 - 2017

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 Paid $500.00 #229198

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: Brian & Judy Ratchford **Address:** 153 Claire Lane, Apt. 208 Mooresville, NC **Zip:** 28117

Applicant Email: jratchford92@gmail.com **Phone:** 704 905 2106 **Alt. Phone:** 704 905 1877

Owner Name(s): Whispering Trees Farm/Chris McNeely, farm mgr **Address:** 150 South Milford Drive, Salisbury NC **Zip:** 28144

Owner Email: _____ **Phone:** 704 213 3793 **Alt. Phone:** _____

Property Information: Monday 10:00 Aug. 14 Pits!!

Street Address: 980 Triplett Road, Cleveland NC 27013

Subdivision Name: 5 acre flag parcel of PIN # 4771-56-8473 **Section/Phase:** _____ **Lot Number:** _____

Driving Directions: I-77 exit 45, turn left onto Amity Hill Rd for 3.6mi, turn left onto Oswalt-Amity Rd for 2.6 mi, turn left onto Triplett Rd. for .7 mi. Property is on left, just north of Yoda Lane. Best place to enter is our flagged driveway at southern boundary of Antioch Baptist Church, 968 Triplett Rd. Cleveland NC 27013. Our PIN wraps the church.

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

(✓) 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: 4
(✓) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: NA
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 ( ) 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: Brian L Ratchford / Judy H Ratchford
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

8/3/17 / 8/8/17
DATE

Public Health

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

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.

I, Chris McNeely/Whispering Trees Farm LLC, am the legal owner(s) of the property located at Triplett Road, Cleveland, NC 27013, identified as PIN (Parcel Identification Number) 4771-16-8478, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Brian & Judy Ratchford, Kestler Surveying, Carolina Soil/Adrian Pruett, Clay Macaulay/Built Green Team 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.

DocuSigned by:
WHISPERING TREES FARM, LLC by Chris McNeely, Farm manager — Signature of Owner(s) — Date 8/2/17

Rebecca Pope, Witness — Signature of Witness — Date 8/2/17

Please return this signed form to the appropriate office:

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

Septic field was flagged by Patrick Reed, Environmental

survey + western boundary flagged by Gerald Grant Kistler Surveying

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

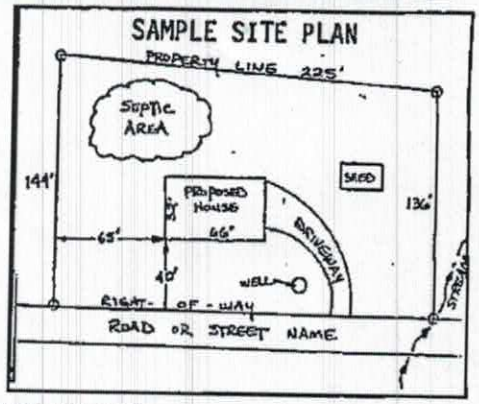
SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (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 and well location
- (X) Area you prefer your septic system to be placed
- (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)



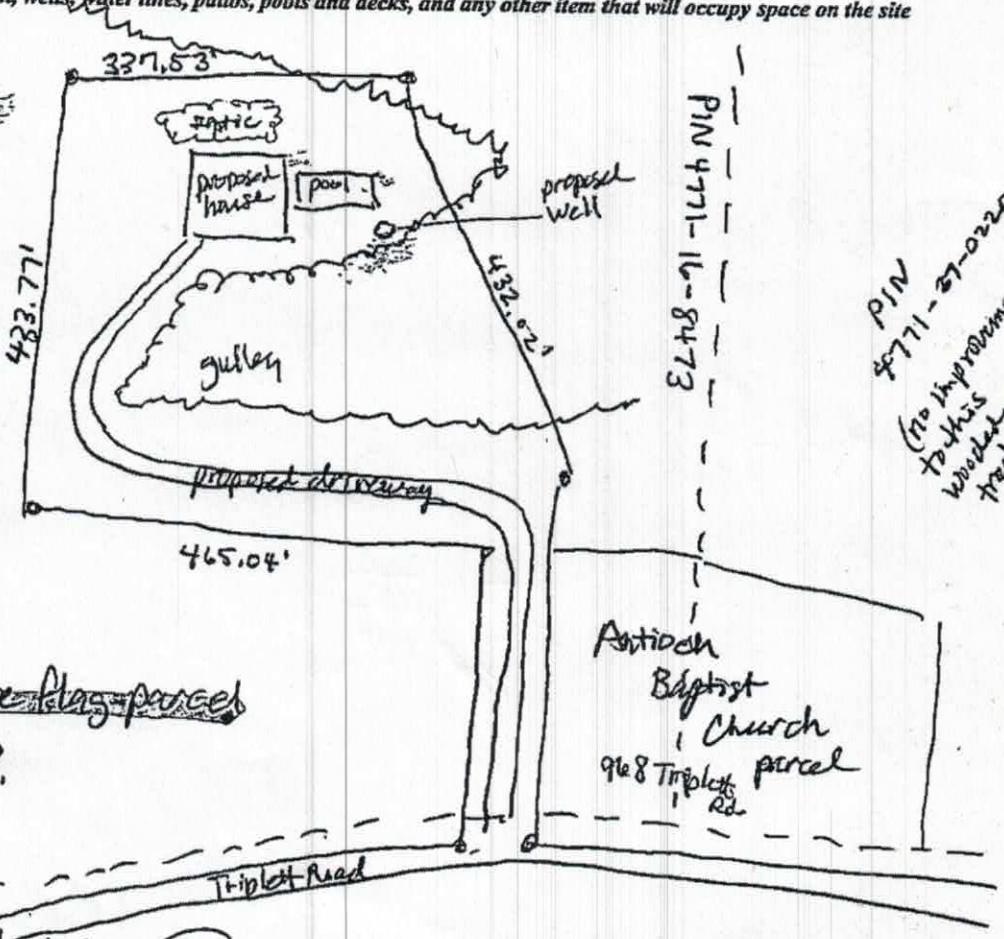
USE THIS SPACE TO DRAW YOUR SITE PLAN

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 page 1 of survey)

76.25' from SW boundary closest to house construction envelope

(Confirmed with surveyor that septic field is in excess of 11.44' from western boundary of parcel; 11.44' is the narrowest point)



Ratchford parcel is 5 acre flag parcel off PIN 4771-15-8473.

Signature: Brian K Ratchford BR 8/3/17
Jody H Ratchford 8/3/17

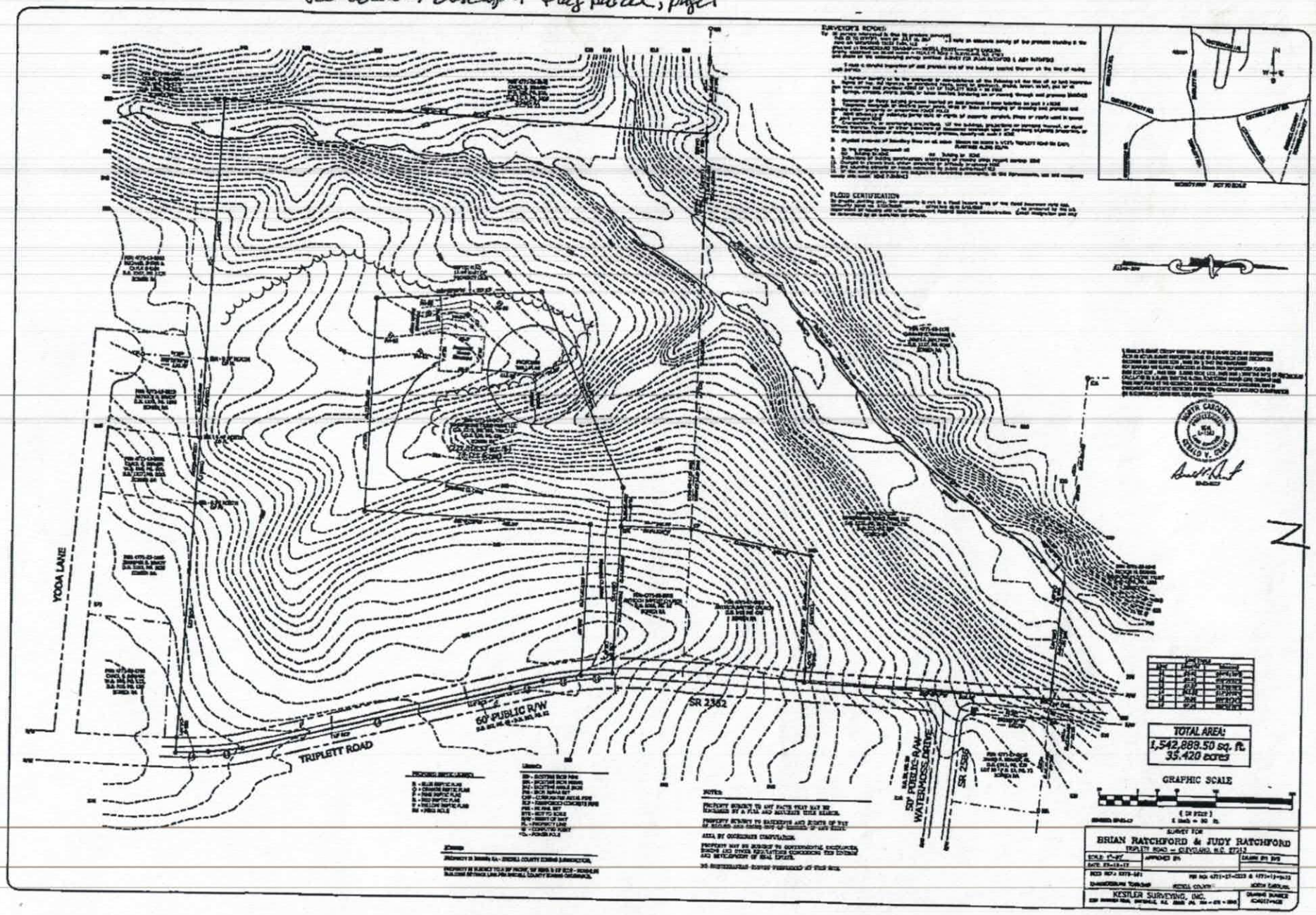
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

Ratchford – (no improvements to PIN 4771-21-0225) S

page 2

5 acre parcel of PIN 4771-16-8473

See detail in close up of flag parcel, page 1



S

N

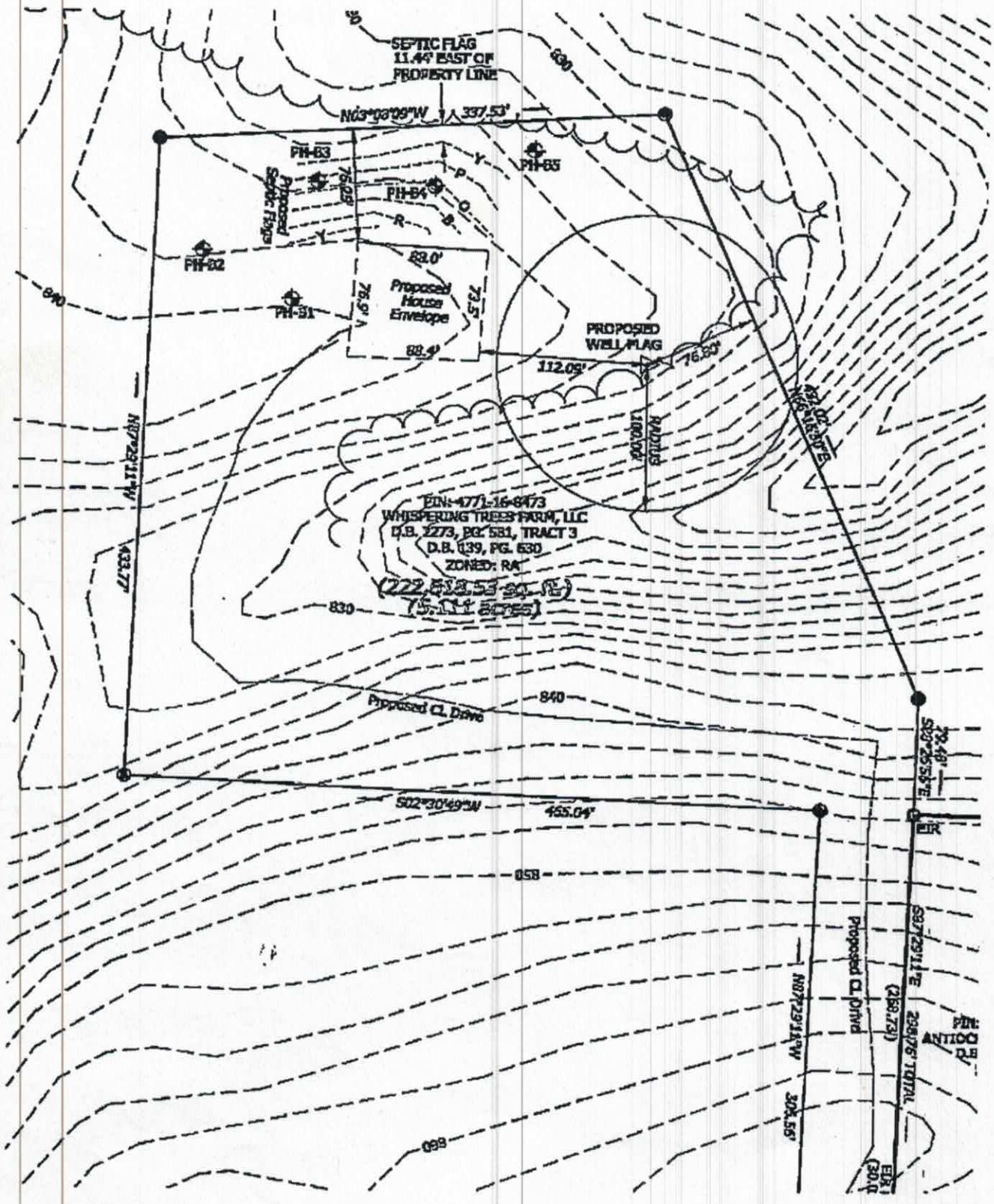
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Ratchford – 5 acre parcel of PIN 4771-16-8473

Page 1

(See full size survey this is for detail)

W



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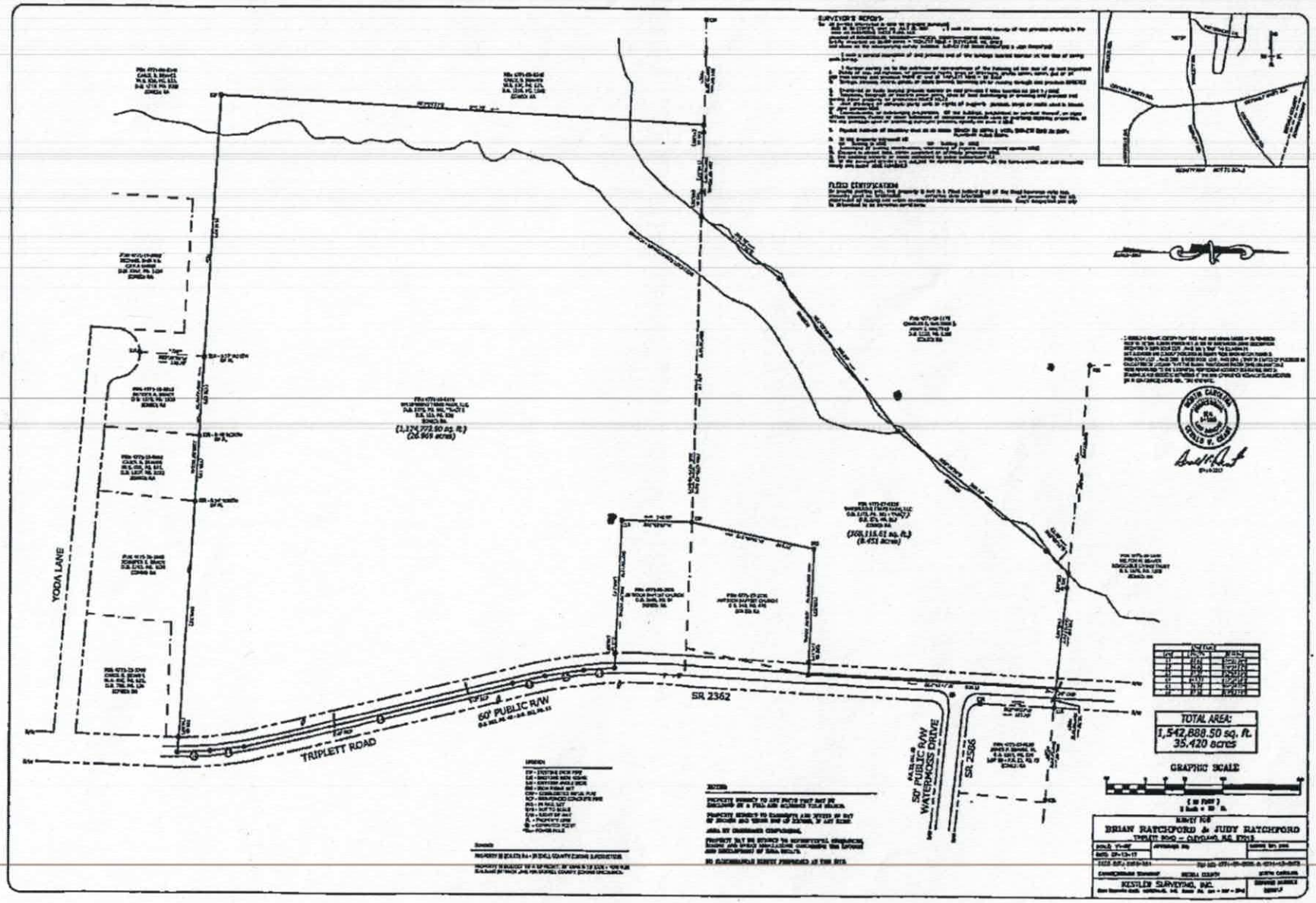
page 3
for numbers
detail (w/o
topography)

W

S

N

E



SITE PLAN FOR

BRIAN RATCHFORD & JUDY RATCHFORD

TRIPLETT ROAD ~ CLEVELAND, N.C. 27013

DEED REF.: 5312-278 PIN NO. 4771-14-8573

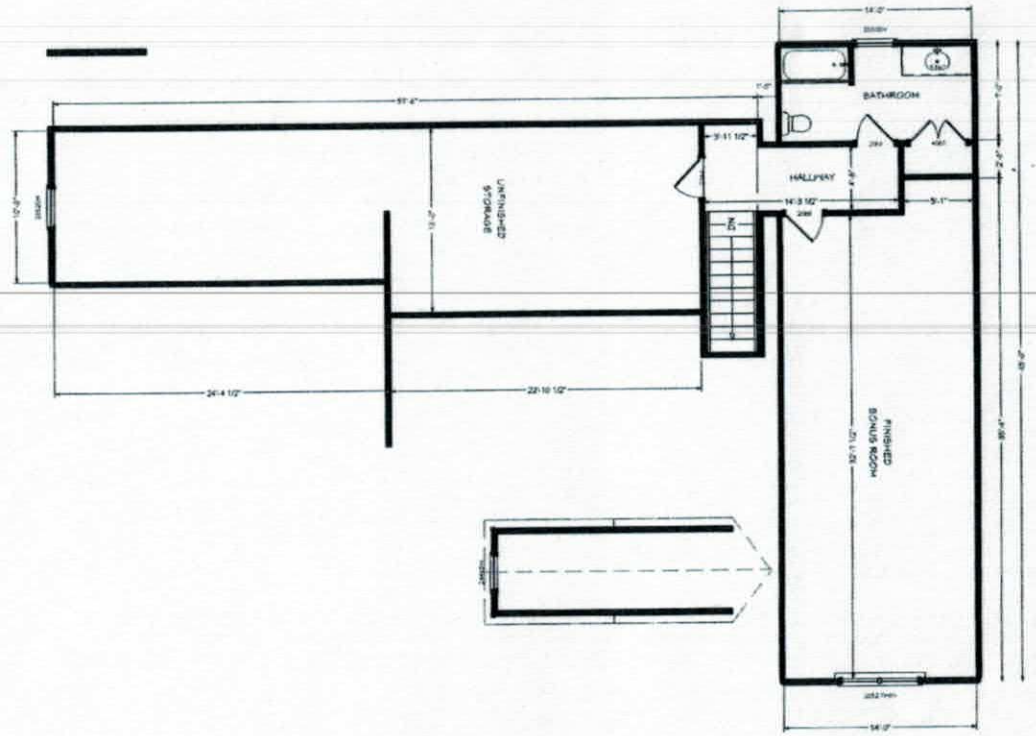
CHAMBERSBURG TOWNSHIP IREDELL COUNTY NORTH CAROLINA

KESTLER SURVEYING, INC.
2351 SIMONTON ROAD
STATESVILLE, NC 28625
PHONE: (704) 872-0212
gerald@ugram.com

DRAWN	MS
CHECK	GAC
DATE	07-15-13
SCALE	1"=30'
PROJ. NO.	4888-13-07-15

REVISIONS	DATE	BY

Acknowledgement Of
Plans Submittal ONLY!
Date 5/9/18
Date 5/9/18



SECOND FLOOR PLAN

BUILT GREEN

SHEET TITLE:
FLOOR PLAN
SECOND LEVEL

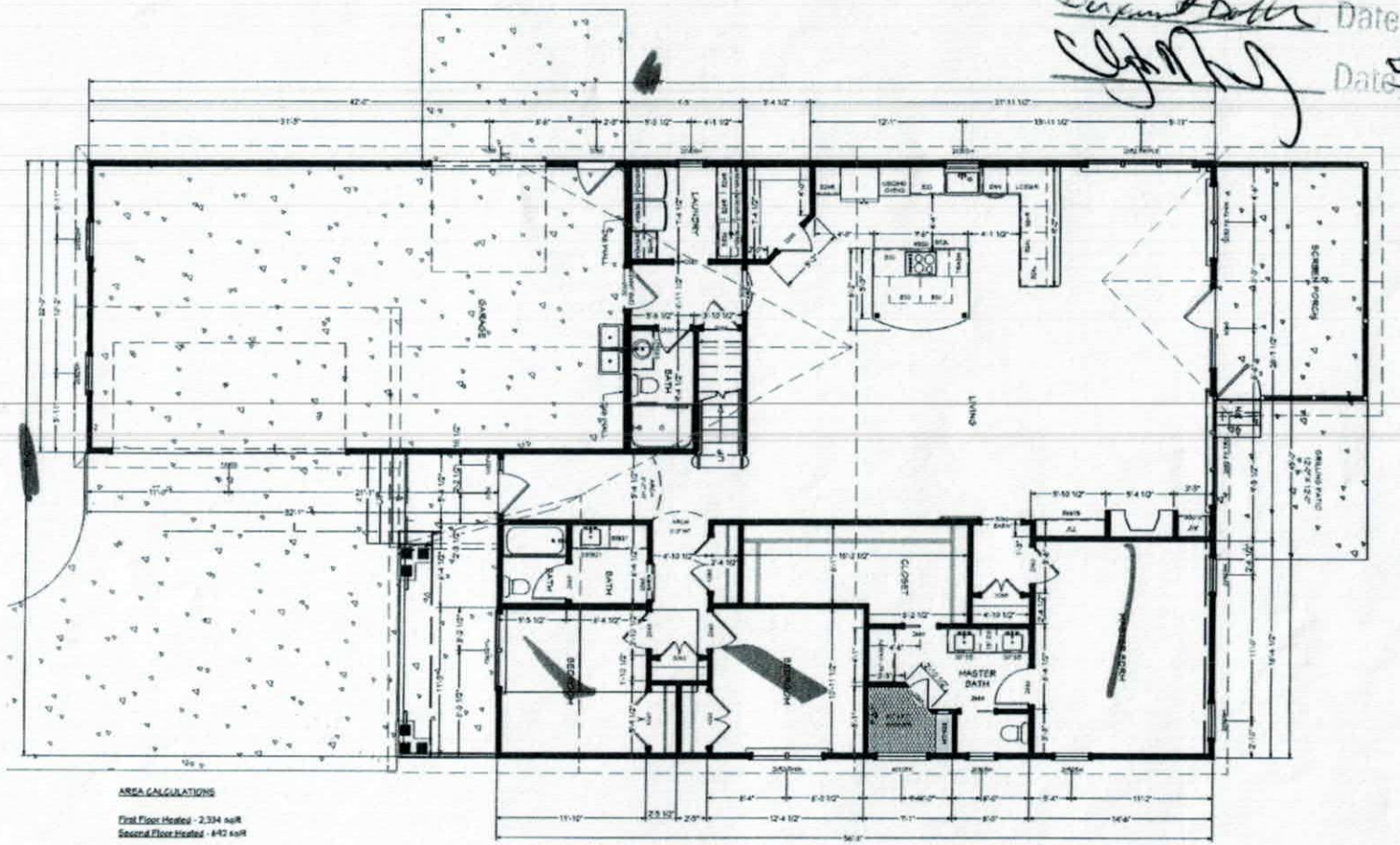
Ratchford Residence
Plan 1.16

DATE:
2/13/18

SCALE:
1/8" = 1'-0"

SHEET:
A-2

Acknowledgement Of
Plans Submittal ONLY
Date 5/1/18
Date 5/9/18



AREA CALCULATIONS

First Floor Heated - 2,334 sq/ft
Second Floor Heated - 642 sq/ft

Total Heated - 3,026 sq/ft

Finished Garage - 424 sq/ft
Unfinished Over Garage - 555 sq/ft
Covered front porch - 160 sq/ft
Covered rear porch - 216 sq/ft

Total Potential Heated - 3,581 sq/ft
Total Under Roof - 4,581 sq/ft

MAIN LEVEL FLOOR PLAN

NO.	DESCRIPTION	INT.	DATE
1			

BUILT GREEN

SHEET TITLE: FLOOR PLAN

Ratchford Residence
Plan 1.16

DATE: 2/13/18

SCALE: 1/8" = 1'-0"

SHEET: A-1

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
229198
Issue Date: 08/03/2017

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4771168473.000	980 TRIPLETT ROAD, CLEVELAND, NC 27013	

Owner Information	Applicant Information
Owner: MCNEELY FAMILY FARM LLC	Applicant: RATCHFORD BRIAN L+JUDY
Address: 1441 IREDELL CO, NC 28625	Address: 591 HIGHLAND RIDGE RD MOORESVILLE, NC 28115
Phone:	Phone:

Use Requested	Zone Code
SFD	

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
28.420	35.00	35.00	15.00	15.00	NO	X

Remarks:

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	111116	TOTAL FEES:	$ 77.25