IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 (c) Mooresville Office (704) 660-3625 (11) PERMIT # AP-246041

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

PIN # 4761888455

APPLICANT/OWNER: BRIAN L. WALTERS APPLICANT ADDRESS: 221 VALLEYVIEW ROAD, MOORESVILLE, N.C. 28117

SITE ADDRESS: 199 GENESIS PLACE, CLEVELAND, N.C. 27013 PHONE: 440-990-0250 ALT. PHONE 704-706-4645

SITE DIRECTIONS: (S) ON 21, (L) ON OSTWALT AMITY, (L) ON HEMLOCK, (L) ON GENESIS PLACE, LOT ON (L) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 3.91 AC DESIGN FLOW: 360GPD L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	2071	Date	INFILTRATOR	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000 (gal)	PT	2071	Date	INFILTRATOR	System Description:	25% REDUCTION – PM	☐ Business	No. Persons	6	☑ Private
Pump Make	GOULDS	Model	WE0151H	Serial #	K20B550J	Repair System Description:	DRIP	☐ Other	No. Employees	—	☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft	360FT	Maintenance Agreement Required:	☐ YES ☑ NO	☑ Slab	☐ Crawl Space		☐ Community
Trench Width	36 IN	Trench Bottom Depth(Low side)	28 IN	Gravel Depth	—		☐ GRAVITY ☑ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: SITE PLAN MUST REMAIN ATTACHED WITH PERMIT AT ALL TIMES OR PERMIT IS INVALID, INSTALL ON CONTOUR INSTALL ON 9FT CENTERS, MAINTAIN 50FT FROM ALL WELLS

SUPPLY LINE 40" UNDER STREAM & SLEEVED IN SCH 40 3"

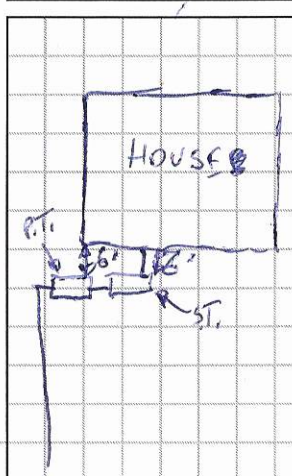
INITIAL SITE SKETCH

SEE ATTACHED SITE PLAN BY:

CODDLE CREEK SOIL CONSULTING

STEVEN R. CANNON LSS#1291

AS BUILT SKETCH



- TANKS
- DRAINFIELD
- SUPPLY LINE
- PRESSURE MANIFOLD
- PRESSURE HEAD
- FLOATS

CHECK 11-23-2020 BCW

- ELECTRICAL
- ALARM CHECKED

CHECKED 8-4-2021

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**

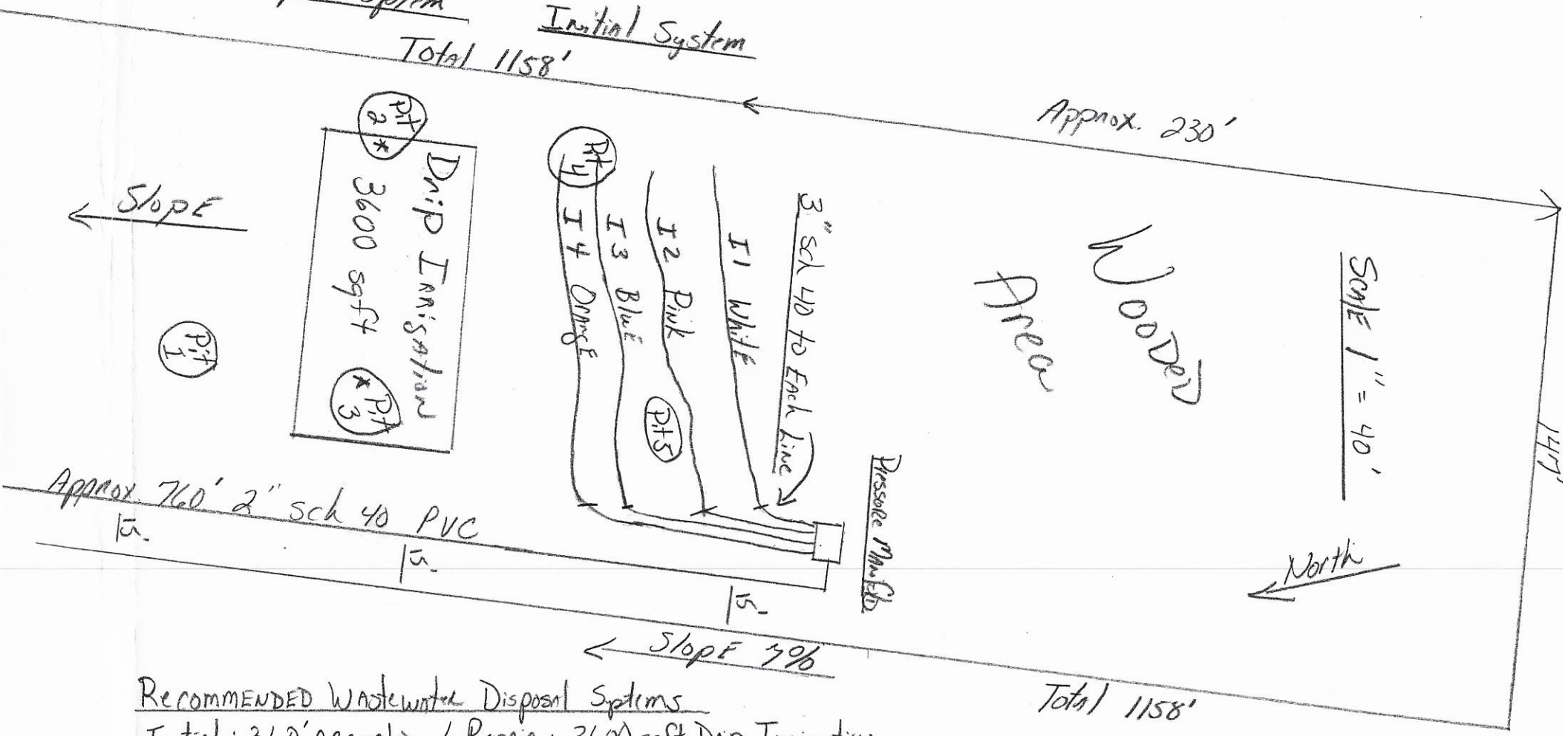
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Brian Walters Date: 9-9-20 Installed by: (JOE THOMPSON) JST Enterprises

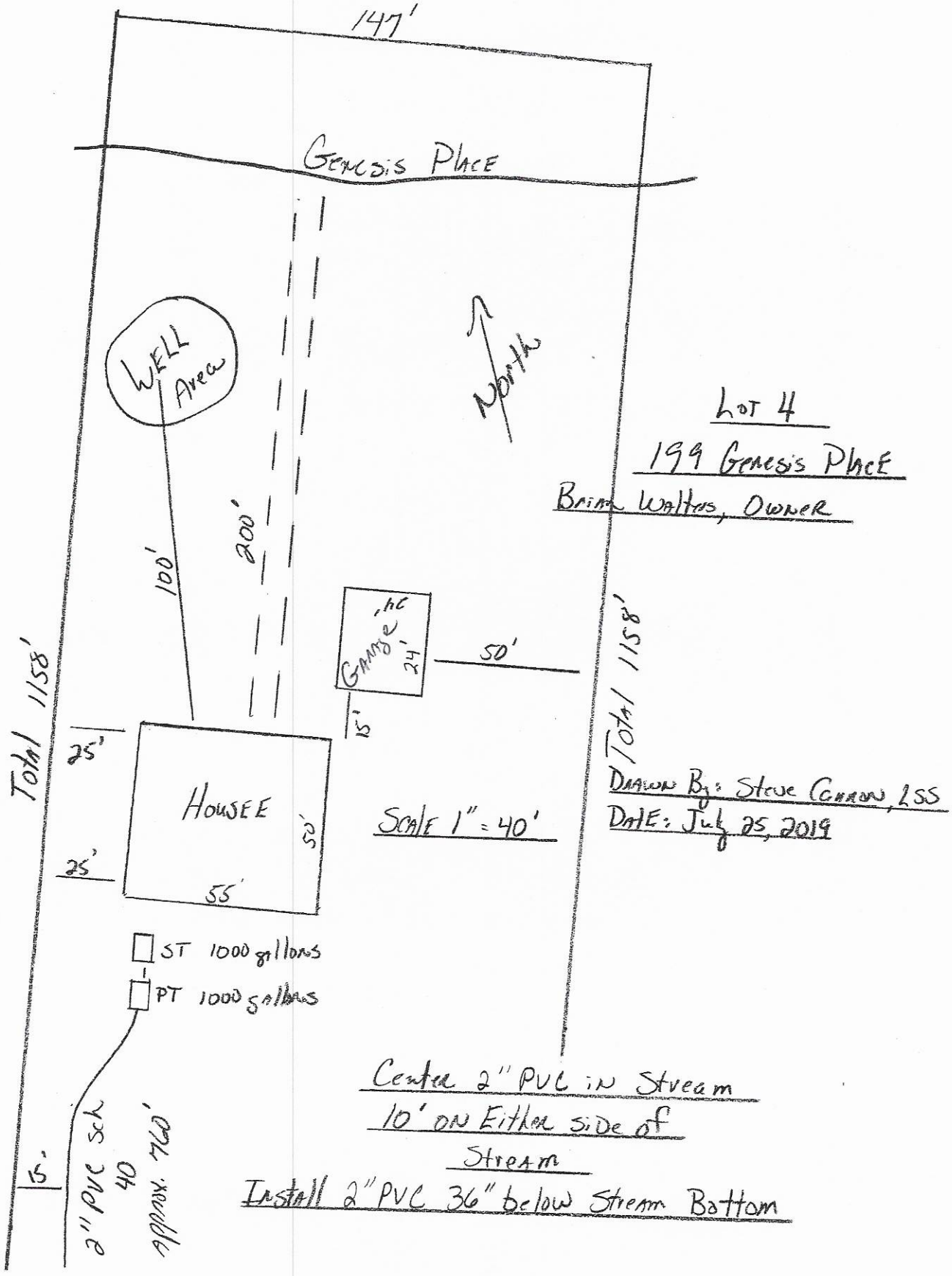
IMPROVEMENT PERMIT by: Burgent C. White Date 9-6-2019 OPERATION PERMIT by: Burgent C. White Date: 8-5-2021

AUTHORIZATION TO CONSTRUCT by: Carter C. Cave Date: 9-9-19 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.



Recommended Wastewater Disposal Systems
Initial: 360' Accepted / Repair: 3600 sqft Drip Irrigation
Drawn By: Steve Cannon, LSS
Date: July 25, 2019
Brian Walters, Owner


147'
Genesis Place
Well Area
North
100'
200'
Garage
24'
50'
15'
Total 1158'
Total 1158'
25'
25'
House
52'
55'
ST 1000 gallons
PT 1000 gallons
15'
2" PVC Sch 40 approx. 760'
Lot 4
199 Genesis Place
Brian Walters, Owner
Drawn By: Steve Cannon, LSS
Date: July 25, 2019
Scale 1" = 40'
Center 2" PVC in Stream
10' on Either Side of
Stream
Install 2" PVC 36" below Stream Bottom

Coddle Creek Soil Consulting
5500 Deer Run Court
Davidson, NC 28036
(704) 706 4645

July 24, 2019

Mr. Bryant White
Environmental Health: Division
Iredell County Building Standards Center
349 North Center Street
Statesville, North Carolina 28677

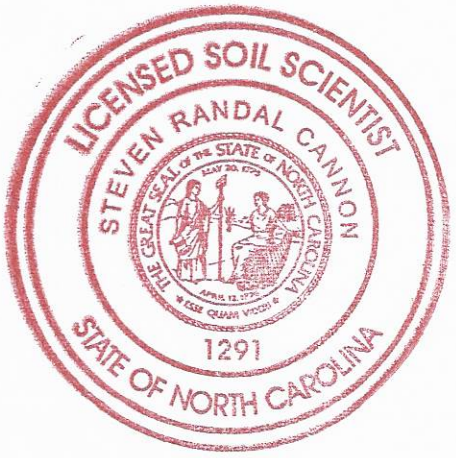
Subject: Recommended Wastewater Disposal System
Pin 4761888455
199 Genesis Place
Cleveland, North Carolina 27013
Brian Walters, Owner

Mr. White:

Enclosed you will find a copy of the wastewater disposal system proposed for Brian Walters, owner. The property is located in Township 13 described as Pin 4761888455 located at 199 Genesis Place off Hemlock Road in Cleveland, North Carolina. Please review the enclosed documents presented to you for Ms.Walters. Please contact me for concerns regarding the wastewater disposal system design at sc55drc@gmail.com or 704 706-4645. I may also be contacted by texting the cell phone number.

Sincerely,

Steve Cannon, LSS



Proposal to Request Wastewater Design System

Township 13

199 Genesis Place

Cleveland, North Carolina 27013

Iredell County, North Carolina

Coddle Creek Soil Consulting
5500 Deer Run
Davidson, North Carolina 28036

July 24, 2019

Information for Installers, Contractors and Other Interested Parties

Follow all rules and regulations as set forth by the state of North Carolina regarding installation of septic systems in Section .1900 Sewage Treatment and Disposal Systems.

Do not grade, cut or bury anything in approved areas designated for initial system or repair system.

If removing trees from property, cut trees at or about knee level, push over portion of tree remaining and pull stump out of ground. Do not dig out stump if at all possible.

May clear areas of sewage disposal systems only by fine grading or skimming ground surface.

Do not compact the soil by vehicular traffic. Stay off the designated areas for sewage disposal systems.

Install sewage disposal systems only during dry conditions to avoid smearing the nitrification trench sidewall.

Do not over excavate nitrification trenches. Remove clods. Leave nitrification trenches clean and level.

Do not leave trash in nitrification trenches like soda bottles, pieces of pvc pipe or anything else that does not belong in the nitrification trenches.

If post installation is required, the designer will need a 5 week day notice from the installer to schedule a final inspection before covering the septic system.

No changes to septic system design without designer or county health department approval is prohibited.

Pump Time to Dose 360 g/d	12m 45s
Pump Time to Dose 163.8 gallons	5m 45s
Tank Draw Down	8 inches
Pumps	Zoeller Model 152, Gould's WE05H
Floats	SJE Sensor Float Control Switches
Control Panel	SJE Rhombus Model 112 (Nema 4X Control Panel)
	RJE Rhombus Tank Alert I Alarm
Pump Float On	32 inches above tank bottom
Pump Float Off	24 inches above tank bottom
Alarm On	34 inches
Storage After Alarm Sounds	24 (hrs)
Pump Off Tank Bottom	16 inches
Approximate Gallons Over Pump	322.56 gallons

Design Calculations for Wastewater System

Applicant: Brian Walters
221 Valleyview Road
Mooresville, North Carolina 28117
440-990-0250
Township 13
199 Genesis Place
Cleveland, North Carolina 27013

Estimated Daily Flow	360 gallons/day
Estimated Supply Length	760 feet
Supply Line Diameter	2 inch Sch 40 PVC
Supply Line Volume	132.96 gallons
Friction Loss	21 gpm
Anti-Siphon Hole	No
Dosing Volume	163.8 gallons
Distribution Device	Pressure Manifold
Pressure Head	2 feet
Friction Head	9.65 feet
Elevation Head	17 feet
Total Dynamic Head	28.65 feet
Pump Tank Drawdown (may vary)	20.16 inches
Gate Valve	2 (1 in tank) (1 at manifold)
Check Valve	In tank
Threaded Union	In tank
Manifold Taps	4 1/2 inch sch 40 taps
Flow Trough Orifice	7.11
Gallons per Minute	28.44 g/m

Design Specifications for Proposed Wastewater Systems

Applicant: Brian Walters
221 Valleyview Road
Mooresville, North Carolina 28117
440-990-0250
Township 13
199 Genesis Place
Cleveland, North Carolina 27013
Iredell County

Scourge of Water Flow	3 bedroom family residence
Septic Tank	1000 gallons
Pump Tank	1000 gallons
Estimated Daily Flow	3600 gallons/day
Loading Rate : Initial	.25 gallons/square feet
Drainfield Size : Initial	360 feet Accepted
Trench Bottom Depth : Initial	28 inches
Distribution Device : Initial	Pressure Manifold
Loading Rate : Repair	.1 gallons/square foot
Drainfield Size : Repair	3600 square feet Drip
Trench Bottom Depth : Repair	2 inches
Slope : Initial	7%
Slope : Repair	N/A

Nitrification Lines Elevation and Length

Township 13

199 Genesis Place

Cleveland, North Carolina 27013

Lot 4

Initial

Line	Flag Color	Line Elevation	Flagged Length	Design Length
I 1	White	1'8"	102'	90'
I 2	Pink	2'8"	117'	90'
I 3	Blue	4'	101'	90'
I 4	Orange	5'9"	107'	90'
			Total 427'	Total 360'

Repair

Drip Irrigation 3600 sqft

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4761888455
DATE OF EVALUATION: 7-8-2019
COUNTY: IREDELL

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	LINEAR SIDE 5%	0-36	STUMP	HOLE	2.5Y 8/2 36"-60" 10YR 7/1 36"-60" TIGER	60"+	NA	NA	~~E~~ U

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4761888455
DATE OF EVALUATION: 7-18-2019
COUNTY: IREDELL

SEE LSS SITE PLAN FOR PIT LOCATIONS

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON 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
6	1% LINEAR SIDE	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT 10YR 6/2 ROOT CHANNELS) MOTS 20"-48"	48"+	NA	NA	PS .1 DRIP
		6-30	SC, ABK	FI, S, P, SEXP					
		30-48	SCL, WABK	FI, SS, SP, SEXP					
7	5% LINEAR SIDE	0-18	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	52"+	NA	NA	PS .3
		18-46	SC, ABK	FI, S, P, SEXP					
		46-52	SCL, WABK	FI, SS, SP, SEXP					
8	5% LINEAR SIDE	0-12	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT 10YR 6/2 MOTS 24"-48"	48"+	NA	NA	PS .25 ABOVE 24"
		12-33	SC, ABK	FI, S, P, SEXP					
		33-48	SCL, WABK	FI, SS, SP, SEXP					
9	RIDGE 2%	0-16	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	48"+	NA	NA	PS .3
		16-33	SC, ABK	FI, S, P, SEXP					
		33-48	SCL, WABK	FI, SS, SP, SEXP					
10	TERRACE 5%	0-12	FILL	FILL	SAP INC THRU OUT	50"+	NA	NA	PS .3 IF FILL REMOVE
		12-20	SL, SBK	FR, SS, SP, SEXP					
		20-30	SC, ABK	FI, S, P, SEXP					
		30-50	SCL, WABK	FI, SS, SP, SEXP					

COMMENTS:

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

Sheet 1 of 4
PROPERTY ID #: 476222348
COUNTY: IREDELL

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

OWNER: BRIAN L. WALTERS
ADDRESS: 221 VALLEYVIEW ROAD, MOORESVILLE, N.C. 28117
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 199 GENESIS PLACE, CLEVELAND, NC. 27013
APPLICATION DATE 9-25-13
DATE EVALUATED: 7-8-19
PROPERTY SIZE: 3.91 AC
PROPERTY RECORDED: YES
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	RIDGE 3%	0-13	SL, WSBK	FR, SS, SP, SEXP	2.5Y 8/2 @ 24" 10YR 7/1 MOTS, 36"-60" "TIGER"	60"+	NA	NA	PS .2 ABOVE 24" POSSIBLY DRIP
		13-26	C, SBK	FR, S, P, SEXP					
		26-60	SC, ABK	FI, S, P, SEXP					
2	LINEAR SIDE 6%	0-13	C, SBK	FR, S, P, SEXP	2.5Y 8/2 15"-60" 10YR 7/1 24"-60" "TIGER"	60"+	NA	NA	U. WETNESS
		13-60	SC, ABK	FI, S, P, SEXP					
3	RIDGE 3%	0-11	SL, WSBK	FR, SS, SP, SEXP	2.5Y 8/2 24"-50" 10YR 7/1 24"-50"	50"+ TIGER	NA	NA	PS .2 AQUEOUS ~~WETNESS~~ POSSIBLY DRIP
		11-24	C, SBK	FR, S, P, SEXP					
		24-50	SC, ABK	FI, S, P, SEXP					
4	LINEAR SIDE 5%	0-16	C, SBK	FR, S, P, SEXP	2.5Y 8/2 16-50 10YR 7/1 45-51 TIGER	51"+	NA	NA	U WETNESS
		16-51	SC, ABK	FI, S, P, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	U	U
System Type(s)	U	U
Site LTAR	U	U

OTHER FACTORS (.1946): U
SITE CLASSIFICATION (.1948): U
EVALUATED BY: Basement C. White
OTHER(S) PRESENT:
SEE PAGE 4

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1	0.2 - 0.05		
			None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

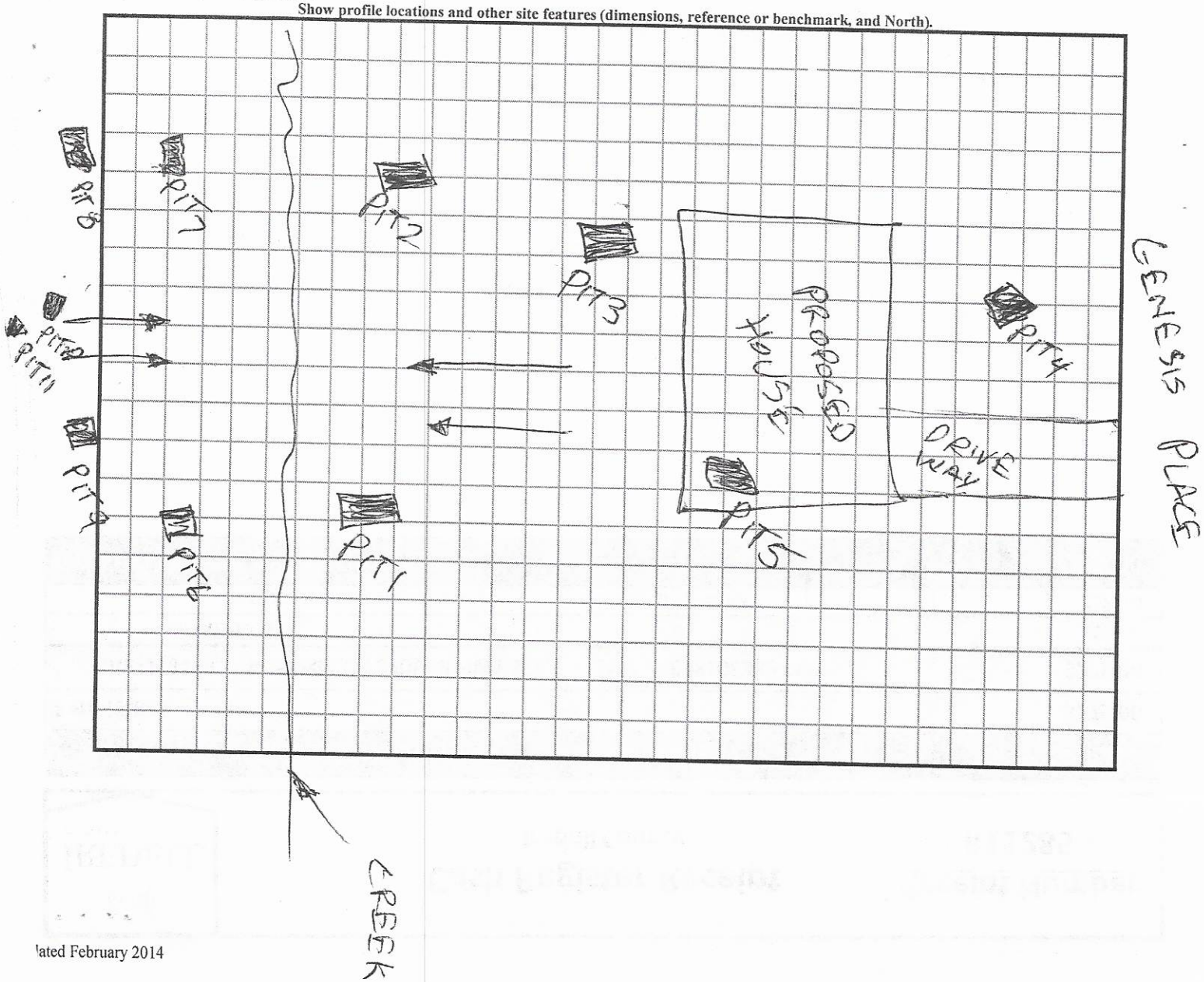
NOTES

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

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



lated February 2014

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

PROPERTY ID #: 4761328155
COUNTY: IREDELL

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

OWNER: SEE PAGE 1
ADDRESS:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE:
APPLICATION DATE
DATE EVALUATED: 8-23-19
PROPERTY SIZE:
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 PIT #10	LINEAR SIDE 7% AFTER FILL CUT	0-7	SCL, SBK	FR, SS, SP, SEXP	HEAVY SAP INC PAST 38"	53"	NA	NA	PS .3
		7-22	C, ABK	FR, S, P, SEXP					
		22-53	CL/WABK	FI, SS, SP, SEXP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	.25	.1 DRIP
Site LTAR	25%	DRIP

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. Webster
OTHER(S) PRESENT:

COMMENTS:

SVL BW

RECEIVED JUN 2 5 2019

Paid $500.00 #246041

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: (X) 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: ( ) 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: Brian L. Walters Address: 221 Valleyview Rd Zip: 28117
Applicant Email: BRIANWalters398@GMAIL.COM Phone: _____ Alt. Phone: _____
Owner Name: _____ Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: 440 990 0250

Property Information:

Street Address: 199 Genesis Place #6, Cleveland NC 27013
Subdivision Name: _____ Section/Phase: _____ Lot Number: _____
Driving Directions: Oswalt Amily left on Hemlock Rd, left on Genesis Place. Gravel, private 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: 3
Maximum Number of Occupants: 4
( ) Swimming Pool
( ) Other Addition/Structure: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

CHECK FOUNDATION TYPE

( ) Crawl Space Foundation
(X) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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: _____
( ) No Preference ( ) Alternative (X) 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: Brian L McClain 9/25/18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE
Brian Walters

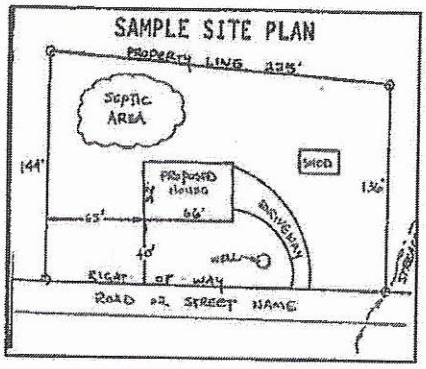
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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**
- **( ) All proposed structures are indicated**
- **( ) Front and side setbacks from property line**
- **( ) Preferred driveway location**
- **( ) Preferred well location**
- **( ) Preferred septic system location**
- **(X) North arrow, or other sufficient indicator of direction**

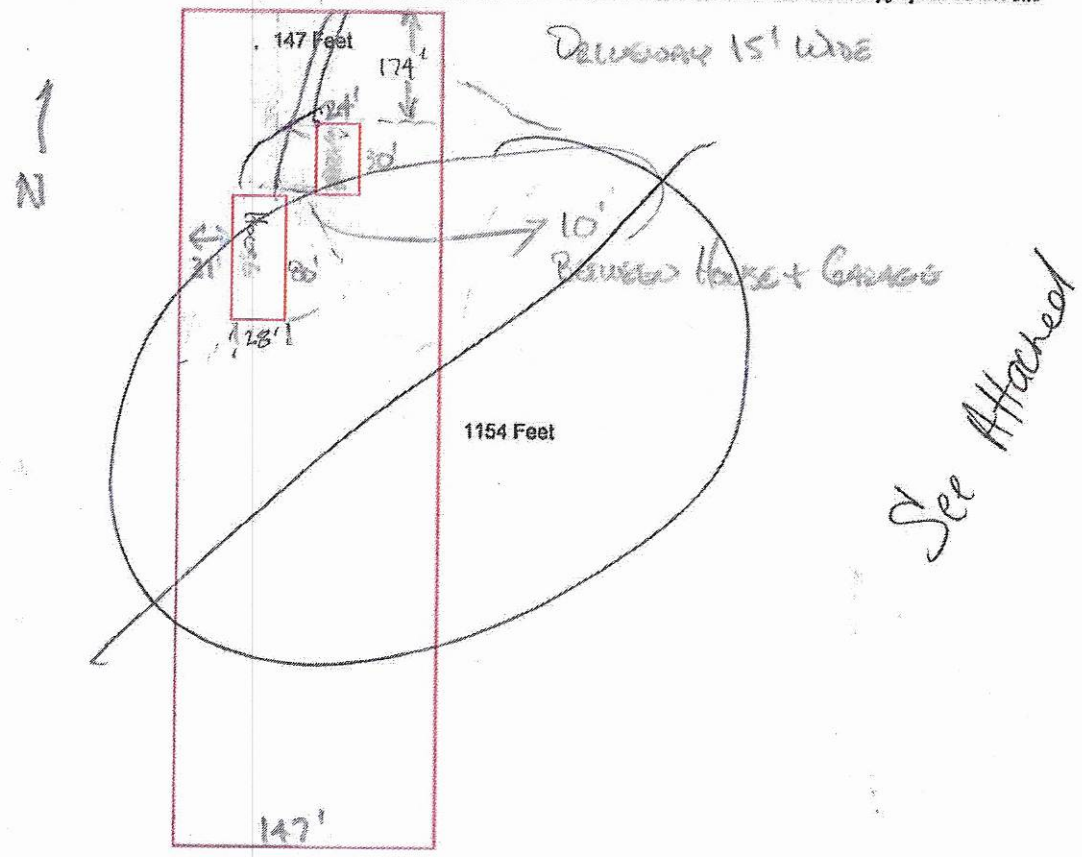


Circle N/A on the following if appropriate:

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**

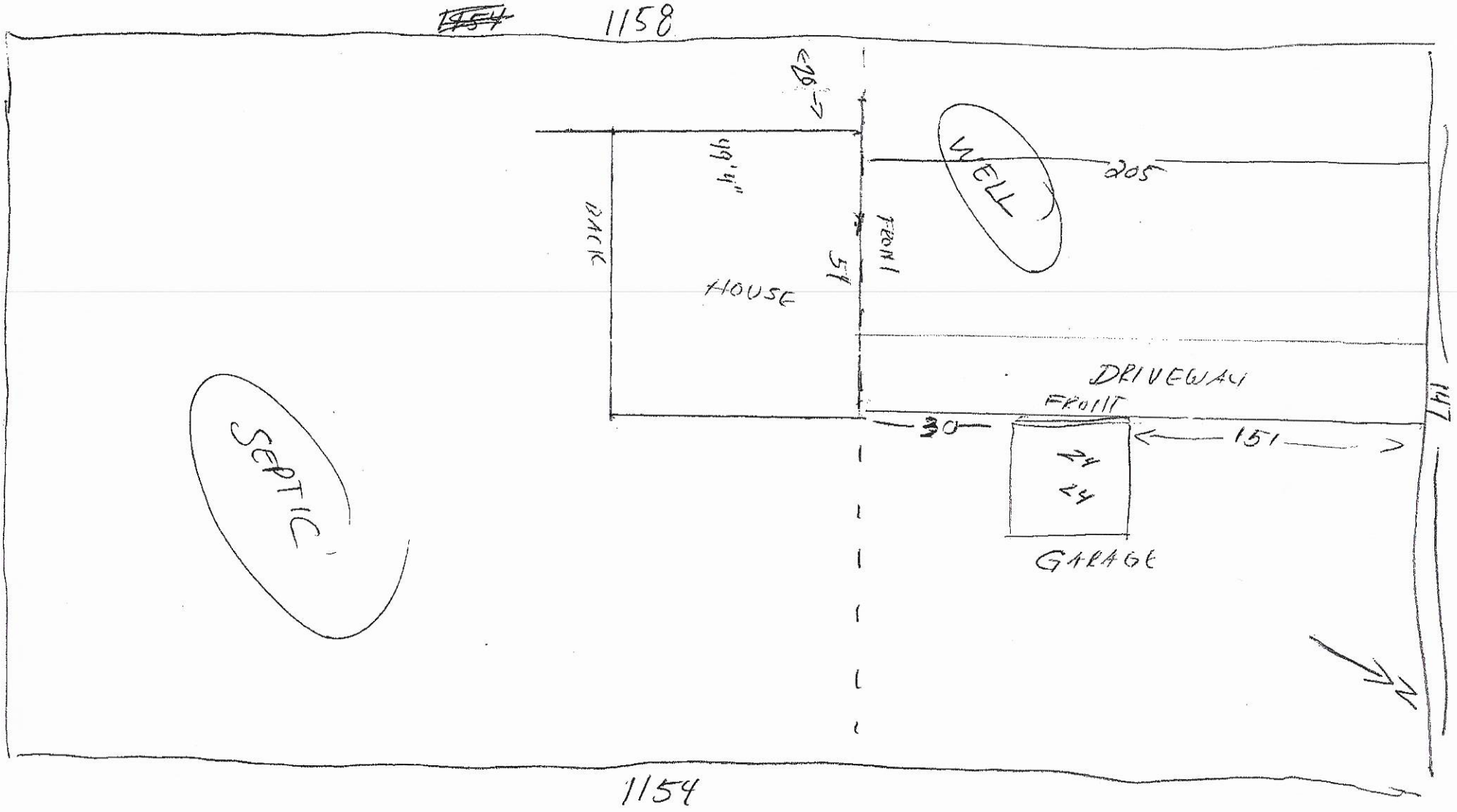
USE THIS SPACE TO DRAW YOUR SITE PLAN

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



Signature: Dial H McClain
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

9/25/18
DATE


~~1154~~
1158
26
WELL
205
66.4'
BACK
FRONT
54
HOUSE
DRIVEWAY
FRONT
30
151
147
24
24
GARAGE
SEPTIC
1154

Survey Report

Nicholas D. Whitley, PLS-4952
1595 Old Mocksville Rd.
Statesville, NC 28625
(704)880-5654

-I certify that this survey was done under my responsible charge in compliance with the Standards of Practice for Land Surveying (21-56.1600) for

Andy Morrison - Remax

for the purpose of

marking the boundaries of PIN 4761-88-8455 (Owner: Walter W. Heaggans).

-Deeds, plats, and/or maps examined:

Deed Book 647, Page 938 (Tract 6-Division Survey of Charlie Heaggans Estate) Iredell County Registry.

-Evidence that was recovered:

#4 rebars were found at the northwest and northeast corners; 1 ¼" iron pipes were found at the southwest and southeast corners.

-Corners that were set:

None.

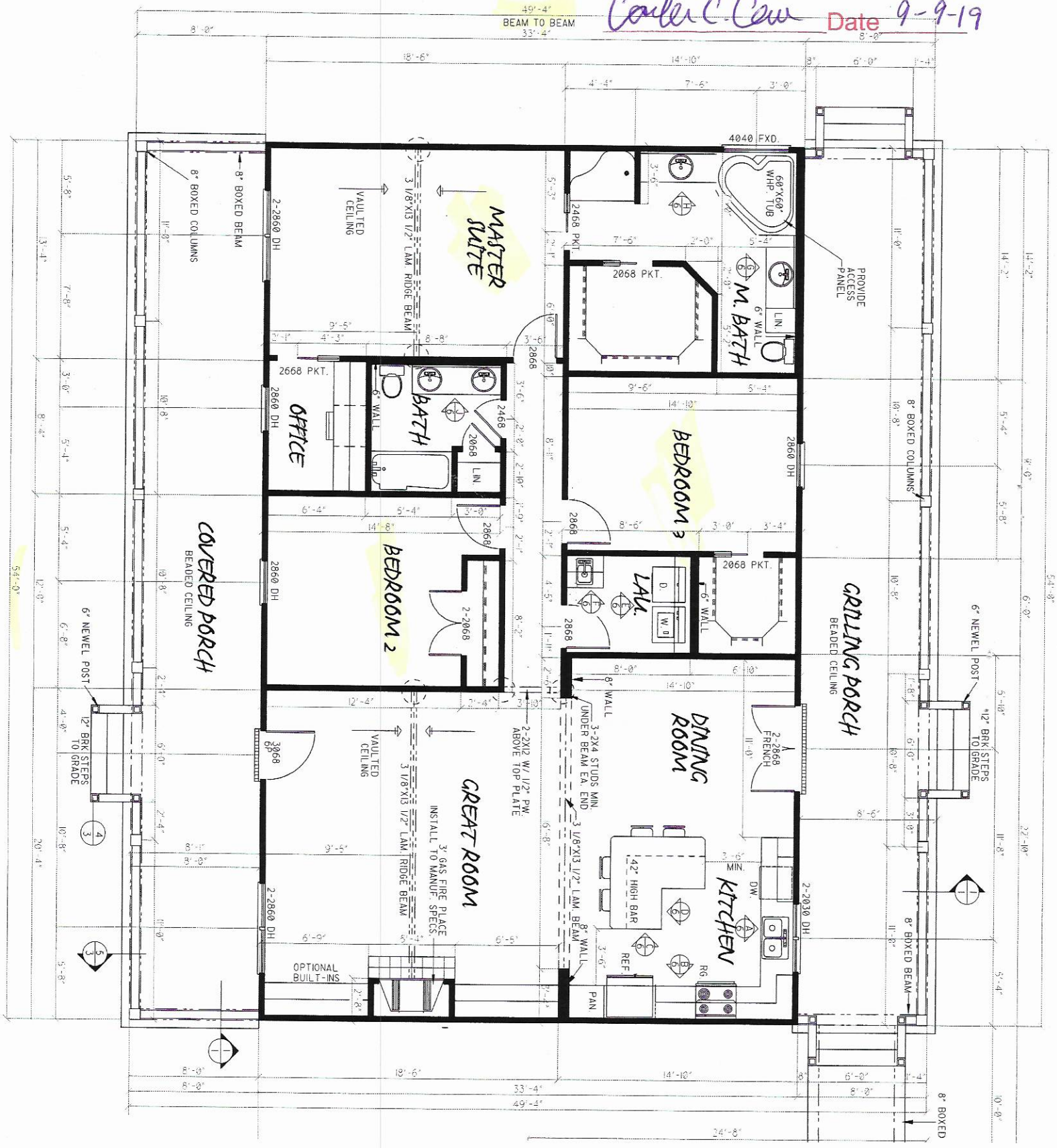
-Base of Bearings:

Deed Book 647, Page 938 (Eastern line of Tract 6-Division Survey of Charlie Heaggans Estate) S 05-19-40 W.

-This 20TH day of JULY, 2018.

NORTH CAROLINA PROFESSIONAL SEAL L-4952 7/20/18 LAND SURVEYOR NICHOLAS D. WHITLEY

Acknowledgement Of
Plans Submittal ONLY!
B-2019 Date 9-9-2019
Carter C. Cox Date 9-9-19



IREDELL COUNTY

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

APPLICATION NUMBER
246041
Issue Date: 06/25/2019

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4761888455.000	199 GENESIS PLACE, CLEVELAND, NC 27013	

Owner Information	Applicant Information
Owner: HEAGGANS WALTER W	Applicant: WALTERS, BRIAN L. 246041
Address: 0	Address: 199 GENESIS PLACE
IREDELL CO, NC 28625	CLEVELAND, NC 27013
Phone:	Phone:

Use Requested	Zone Code
SFD	

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
3.910	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	182892	TOTAL FEES:	$ 77.25