ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-38560

PERMIT # 2023-38558

PIN # 4704 -- 62 -- 6666

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

APPLICANT/OWNER: Denny Lippard

APPLICANT ADDRESS: 134 Cedar Lake Dr, Statesville, NC 28625

SITE ADDRESS: 461 Hill Farm Rd, Hiddenite, NC 28636

PHONE: -

ALT. PHONE -

SITE DIRECTIONS: NC-115 N, Pisgah Church, Pisgah Methodist

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: -

SECTION: - LOT # - LOT AREA: 86.14 AC

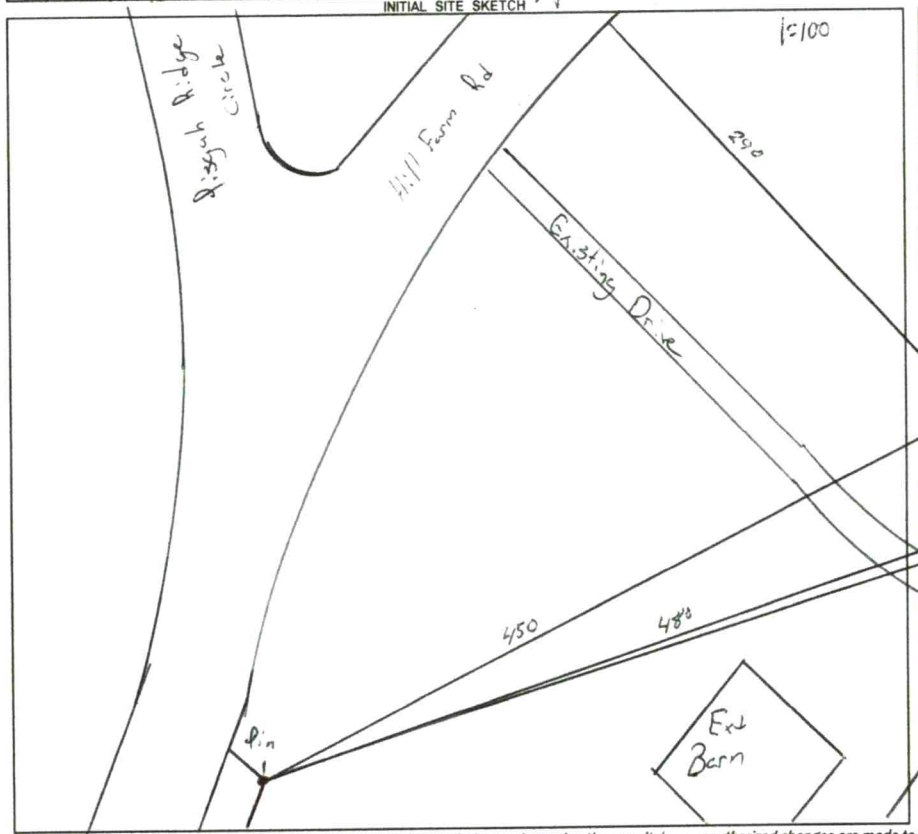
DESIGN FLOW: 240 L.T.A.R.: .275

Septic Tank	1000 (gal)	STB	760	Date	12/20/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% Reduction - Serial		
Pump Make		Model		Serial #		Repair System Description:	25% Reduction Serial		
# Nitrification Fields	1	# Lines	2	Linear Ft	214	Maintenance Agreement Required:	☐ YES	☑ NO	
Trench Width	36 in	Trench Bottom Depth(Low side)	22 in	Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE		

☑ Residence	No. Bedrooms	2	Water Supply
☐ Business	No. Persons	4	☐ Private
☐ Other	No. Employees		☑ Public
☑ Slab	☐ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

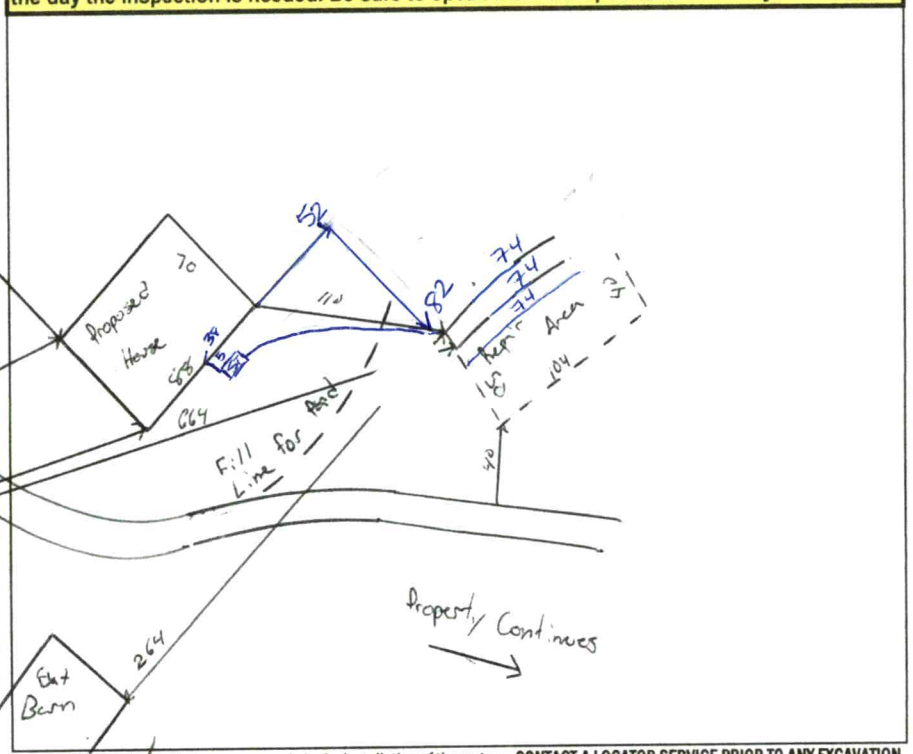
Comments / Conditions: Install on contour with 4ft centers. Septic tank bottom must be placed in natural soil if placed in fill for house. Do not drive, park or construct on septic area.

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: Online Signature Date:

Installed by: Stutts Grading

IMPROVEMENT PERMIT by: Matt Wilkie Date: 10/24/23

OPERATION PERMIT by: D.Imeberg Date: 2/27/24

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 11/29/23

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 # 2023-38558

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

PIN # 4709 -- 62 -- 6666

APPLICANT/OWNER: Denny Lippard APPLICANT ADDRESS: 134 Cedar Lake Dr, Statesville, NC 28625

SITE ADDRESS: 461 Hill Farm Rd, Hiddenite, NC 28636 PHONE: - ALT. PHONE -

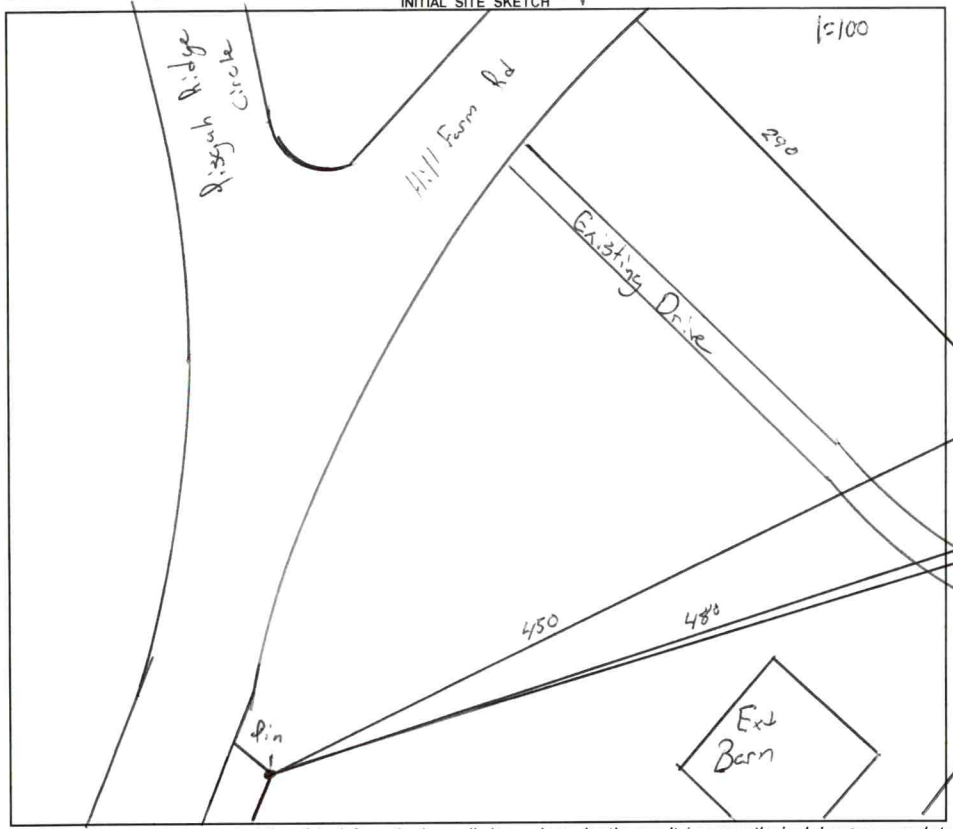
SITE DIRECTIONS: NC-115 N, Pisgah Church, Pisgah Methodist SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 86.14 AC DESIGN FLOW: 240 L.T.A.R.: .275

Septic Tank 1000 (gal)	STB	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 - Serial	☐ Business	No. Persons 4	☐ Private
Pump Make	Model	Serial #	Repair System Description: 25% Reduction Serial	☐ Other	No. Employees	☑ Public
# Nitrification Fields 1	# Lines 2	Linear Ft 219	Maintenance Agreement Required: ☐ YES ☑ NO	☑ Slab	☐ Crawl Space	☐ Community
Trench Width 36 in	Trench Bottom Depth(Low side) 22 in	Gravel Depth N/A	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

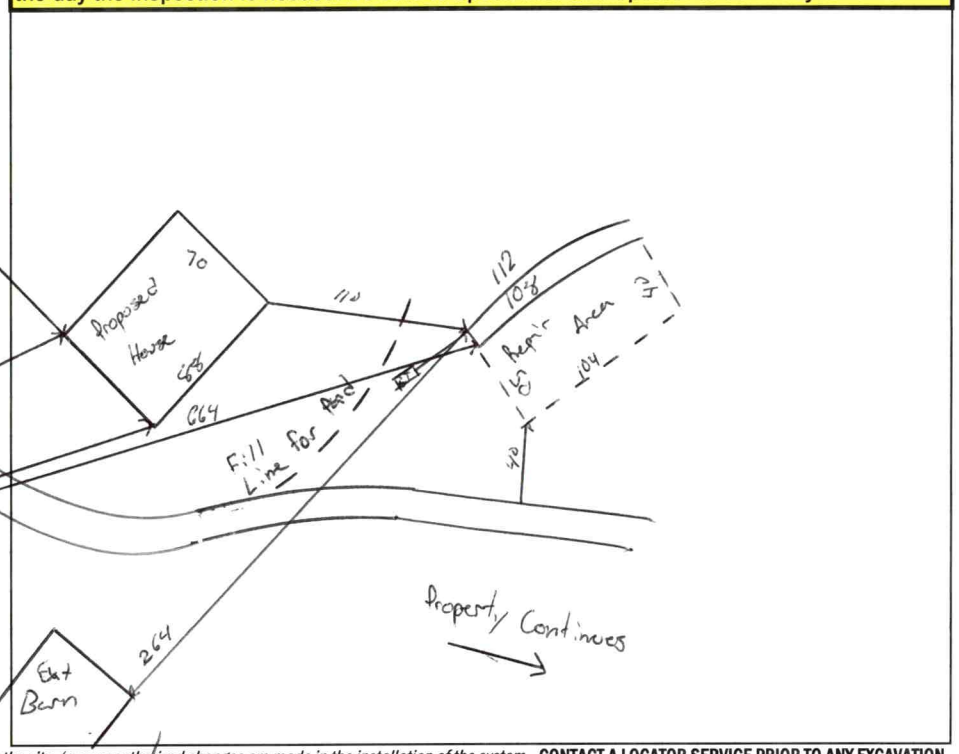
Comments / Conditions: Install on contour with 9ft centers. Septic tank bottom must be placed in natural soil if placed in fill for house. Do not drive, park or construct on septic area.

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.



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☐ **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: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Matt Wilkie Date: 10/24/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 11/29/23 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 #: 470962 0000
COUNTY: Iredell

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

OWNER: Denny Lippard
ADDRESS: 134 Cedar Lake Dr, Statesville, NC 28625
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: 461 Hill Farm Rd, Hiddenite, NC 28636
APPLICATION DATE: 10/9/23
DATE EVALUATED: 10/16/23
PROPERTY SIZE: 8C.14AC
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	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	LS 8%	0-12	PLOW		10YR 5/6 @ 19-29"	48"	-	- Rocks throughout CL layer	PS 0.275
		12-33	C SBK	SS SP SE FR					
		33-48	CL SBK	SS SP SE FR					
2	LS 10%	0-11	PLOW		10YR 6/1 23 2.5Y 6/3 36	52	-	-	PS .25
		11-52	C/SBK	S PF, SE					
3	LS 12%	0-11	Plow		YB at 31	51	-	Rock inclusions at 44	PS .275
		11-51	C/SBK	S PF, SE					
4	LS 12%	0-8	Plow		YB at 24	62	-	-	PS .275
		8-52	C/SBK	S PF, SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240	240
System Type(s)	25%	25%
Site LTAR	.275	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

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

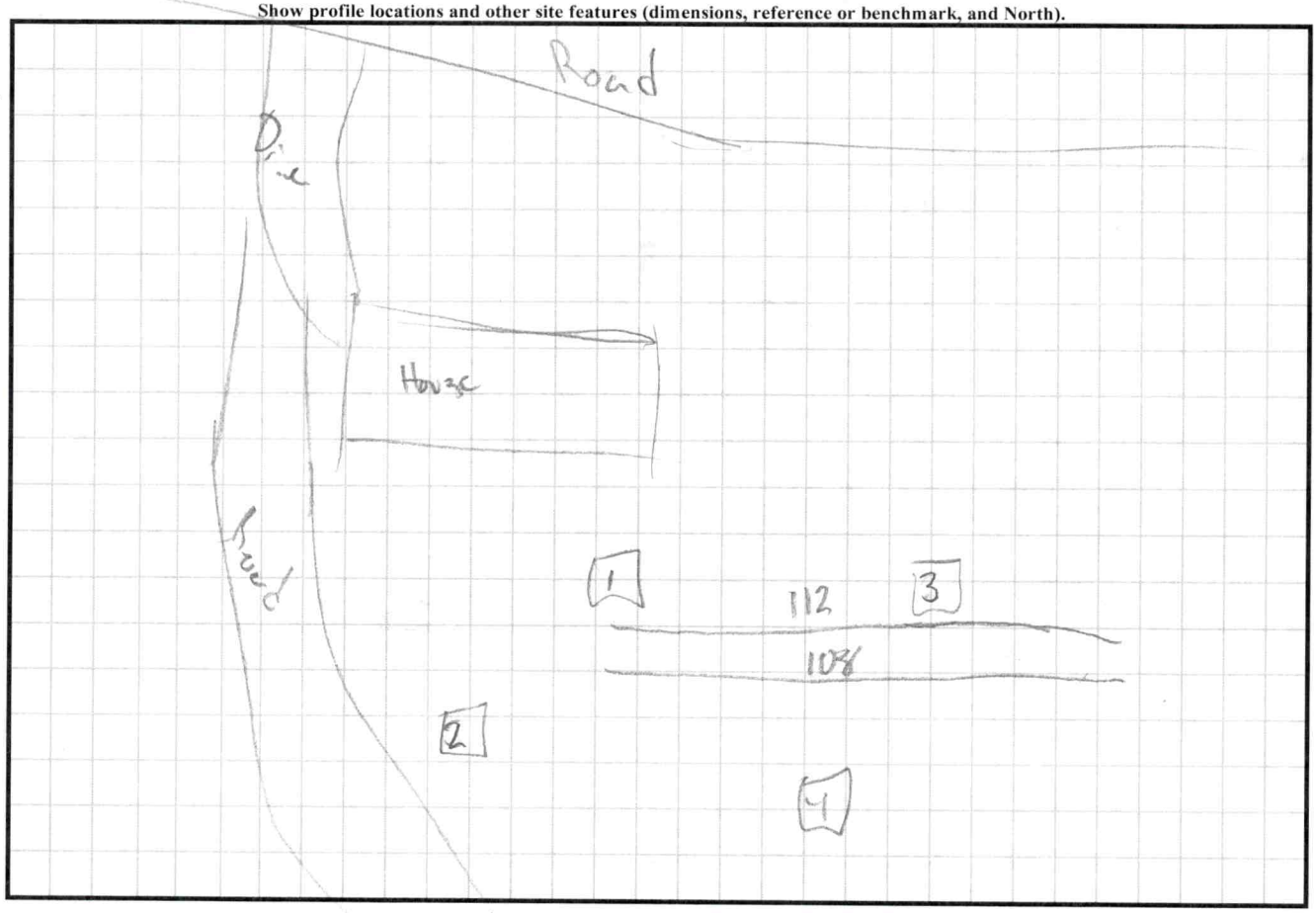
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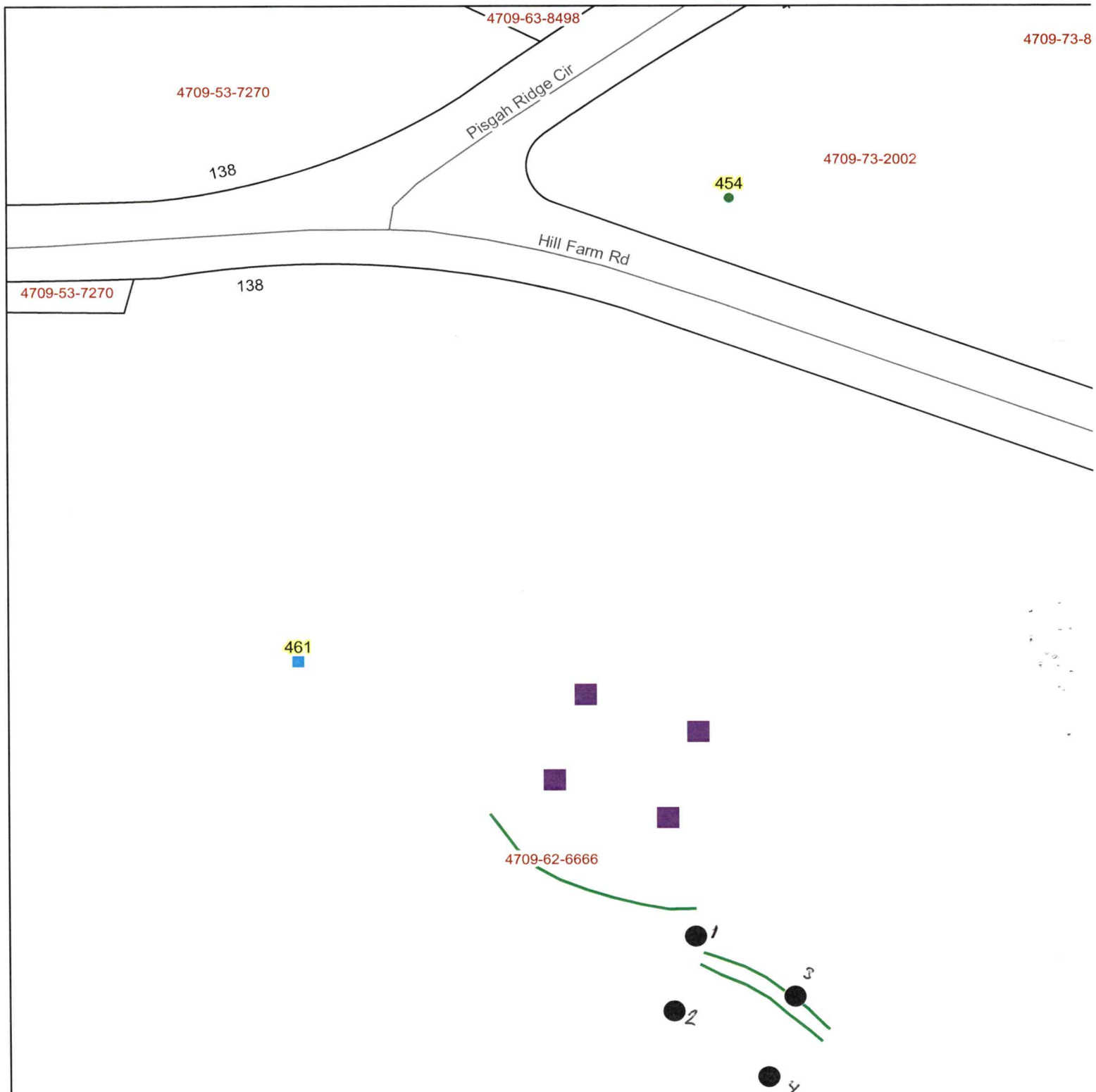
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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/ft^2

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




4709-63-8498
4709-73-8
4709-53-7270
Pisgah Ridge Cir
138
4709-73-2002
454
Hill Farm Rd
138
4709-53-7270
461
4709-62-6666
1
2
3
4

PERMIT SNAPSHOT REPORT OSWP-2023-38558 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/09/2023
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	10/09/2023
Valuation:	$0.00	**Assigned To:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: septic for barn - Bona Fide Farm Exempt- Tax Deferred 10/13 No phone listed sent email 86 acres. Danny emailed site ready. Phone number listed in internal notes. GM 10/16 GPS takes to wrong location. Use 454 Farm Hill, site is across the street. Site ready GM

Parcel: 4709626666.000 Main	**Address:** 461 Hill Farm Rd Hiddenite, NC 28636 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Danny Lippard	Danny Lippard
134 Cedar Lake DR	134 Cedar Lake DR
Statesville, NC 28625	Statesville, NC 28625

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	70X88
What are the proposed structures	Accessory Building	Maximum Number of Bedrooms	1	If other Addition/Structure, please explain	
Number of Occupants	2	Foundation Type	Concrete Slab Foundation	Water Supply	Other Public Water
Desired Septic System Type	No Preference	Zoning Notes/Addendums	Farm Building Only. To be used for Farm Purposes. Property is tax deferred.	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Danny_Lippard_10/9/2023.jpg	10/09/2023 14:26	Lippard, Danny		Uploaded via CSS
authoriztion.pdf	10/09/2023 14:31	Horton, Amanda	Available Online	Authorize to Act as Agent
site plan and floor plans.pdf	10/09/2023 14:31	Horton, Amanda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-151689	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/16/2023	10/16/2023 0:00	10/16/2023 0:00	10/16/2023 16:44	10/16/2023 16:44

Inspectors: McLeod, Grace (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-38560	Residential Building	New Single-Family Dwelling

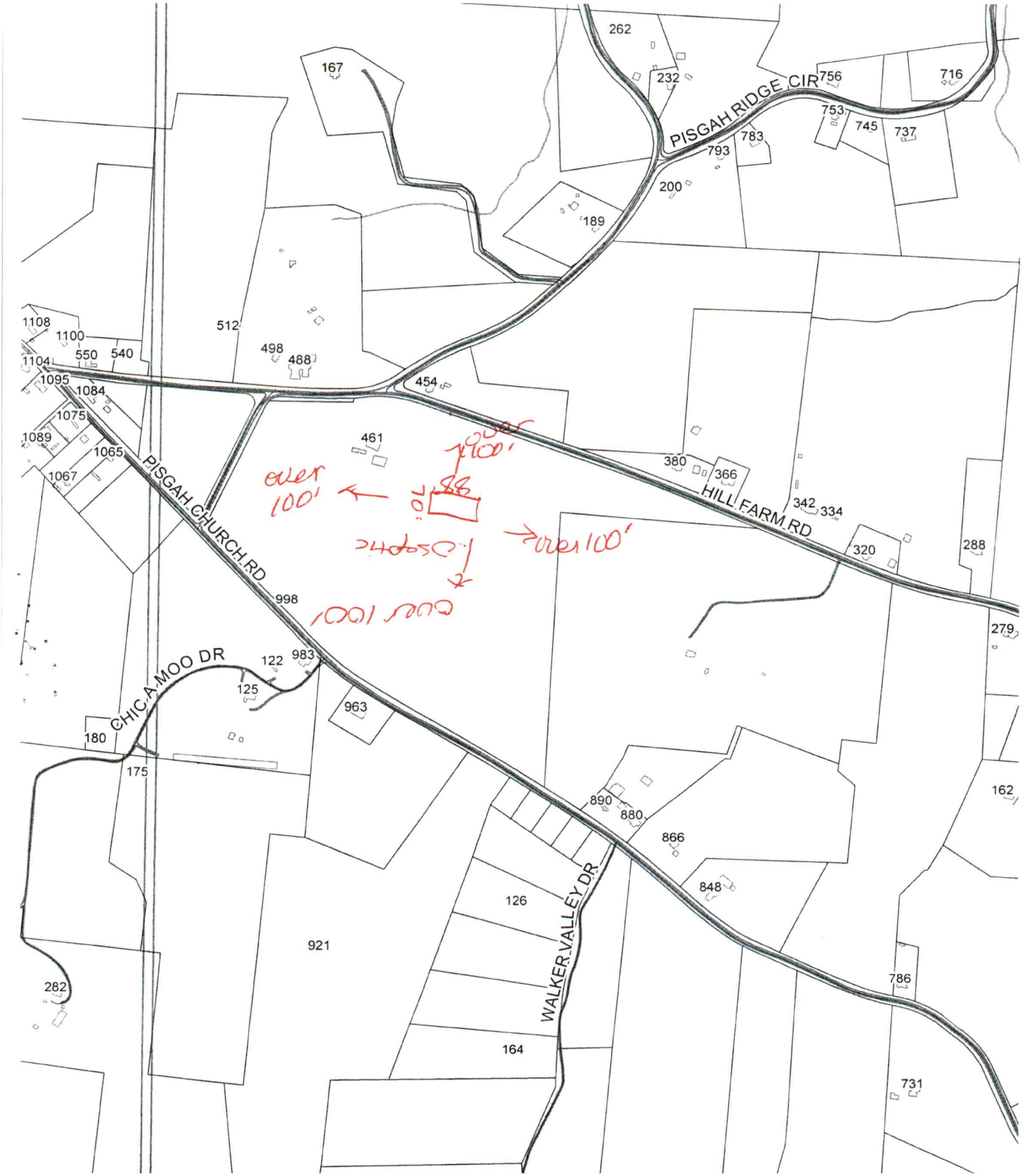
Note	Created By	Date and Time Created
1. 10/13 No phone listed sent email to address on file. Danny emailed site ready. Phone number 704-902-4918 GM	Grace McLeod	10/13/2023 15:30
2. 10/16 GPS takes to wrong location. Use 454 Farm Hill, site is across the street. Site ready GM	Grace McLeod	10/16/2023 16:43

Invoice No.	Fee	Fee Amount	Amount Paid

PERMIT SNAPSHOT REPORT (OSWP-2023-38558)

INV-00022036	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00022036	$500.00	$500.00
		Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/13/2023 9:22	10/13/2023 9:22
Confirm application complete v.1	Generic Action		10/13/2023 9:22
Fees v.1		10/13/2023 9:22	10/13/2023 15:22
Fees Paid v.1	Generic Action		10/13/2023 15:22
Issue Invoice v.1	Generic Action		10/13/2023 9:22
Lot Readiness Verification v.1		10/16/2023 16:44	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/16/2023 16:44	10/16/2023 16:45
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~			10/09/2023 15:22
~~Floodplain Admin Overview v.1~~	Task		10/09/2023 15:22
~~Issue Invoice v.1~~	Generic Action		10/09/2023 15:22
~~Fees Paid v.1~~	Generic Action		10/09/2023 15:22
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		


262
232
167
PISGAH RIDGE CIR
756
716
753
745
737
783
793
200
189
1108
1100
550
540
1104
1095
1084
1075
1089
1065
1067
512
498
488
454
461
PISGAH CHURCH RD
380
366
HILL FARM RD
342
334
320
288
279
998
983
122
125
963
CHICAMOO DR
180
175
890
880
866
848
162
126
921
WALKER VALLEY DR
282
786
164
731



Tax Map Information

• PIN	4709626666.000
• Address	461 HILL FARM RD
• Account #	Acct 77455454
• Tax Owner	LIPPARD DANNY M JR
• Mailing Address	134 CEDAR LAKE DR
•	STATESVILLE, NC 28625
• GIS Owner	LIPPARD DANNY M JR+BRIDGETT L
• Deed Info	2988 / 1384 - QC - 20230426
• Tax Acres	86.14 AC
• Lot #	
• Description	BROWN SR1571 84-127 GOFORTH PB8-42
• Zoning	RA
• Old Parcel #	0914E00000A087
• Bldg Value	$0
• OBXF Value	$21,000
• Land Value	$568,780
• Total Value	$589,780
• Defer Value	$514,370
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 10/11/2023
Data updated 10/16/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

Matt Wilk 11/29/23

Danny Uppard

#38181

461 Hill Farm Rd.

