S+T BLDR-2023-21551

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-27654

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

PIN # 4741 -- 46 -- 9311

APPLICANT/OWNER: Juan M Plasencia APPLICANT ADDRESS: 19925 Jetton Rd, Suite 202, Cornelius

SITE ADDRESS: 615 Hoover Rd, Troutman 28166 PHONE: ALT. PHONE

SITE DIRECTIONS: Amity Hill - Murdock - Hoover SAP CONTROLLED: ☐ YES ☒ NO

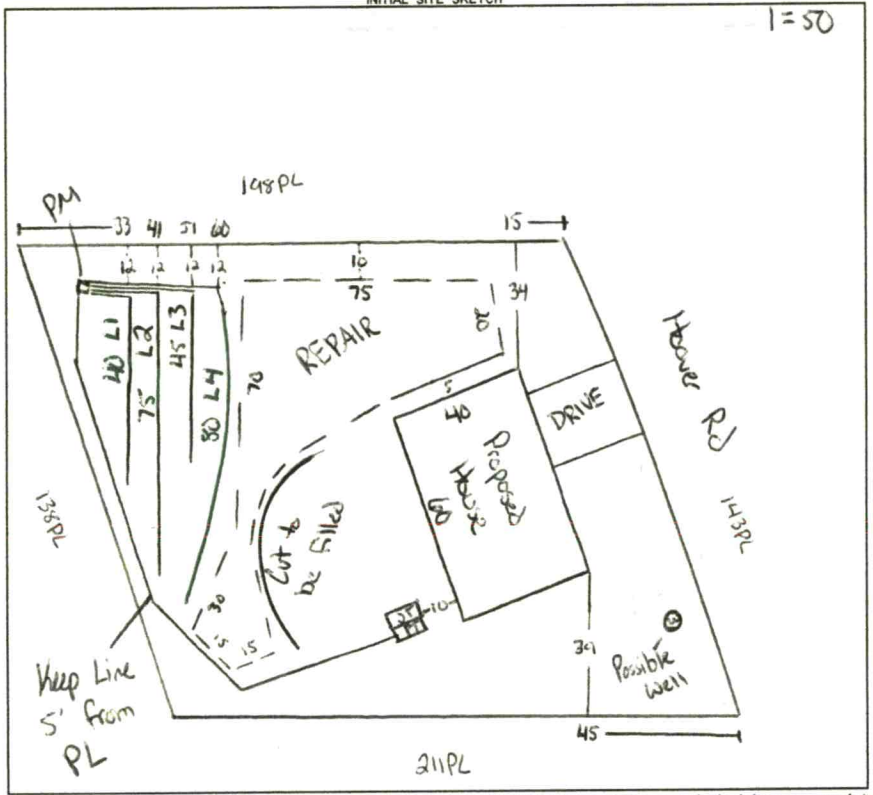
SUBDIVISION: Hoover Farms SECTION: - LOT # 4 LOT AREA: 0.61 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.25/.1

Septic Tank	1000	(gal)	STB	760	Date	6/26/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	7/7/23	System Description:			VPPBPS (PM)	
Pump Make			Model		Serial #		Repair System Description:			TS11 - DRIP	
# Nitrification Fields	1		# Lines	4	Linear Ft	240'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24 in		Trench Bottom Depth (Low side)		36" max		Gravel Depth	-	☐ GRAVITY	☒ PRESSURE	

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

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

INITIAL SITE SKETCH



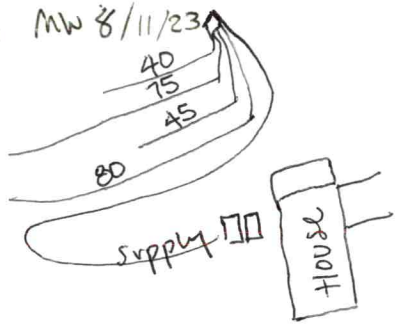
AS BUILT SKETCH

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.

L1 + L3 - 1/2 sch 80
L2 + L4 - 3/4 sch 80

Dose = 208.8
Flow = 31.16
Time = 6.7 min
Drawdown = 9.9 in
2 in supply
2 ft head

Checked
Tanks MW 8/11/23



Pump ✓
Lines ✓
P.M ✓
Supply ✓
Floats ✓
Alarm ✓

S+T 8/16/23

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:

IMPROVEMENT PERMIT by: Cory Hill Date: 6/29/23

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 7/5/23

Installed by: Lentz Wastewater

OPERATION PERMIT by: Cory Hill Date: 11/28/23

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? _____	

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

SAT BLDR-2023-21551

PERMIT # 2023-27652

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

PIN # 4741 -- 46 -- 9311

APPLICANT/OWNER: Juan M Plasencia APPLICANT ADDRESS: 19925 Jetton Rd, Suite 202, Cornelius

SITE ADDRESS: 615 Hoover Rd, Troutman 28166 PHONE: ALT. PHONE

SITE DIRECTIONS: Amity Hill - Murdock - Hoover SAP CONTROLLED: ☐ YES ☒ NO

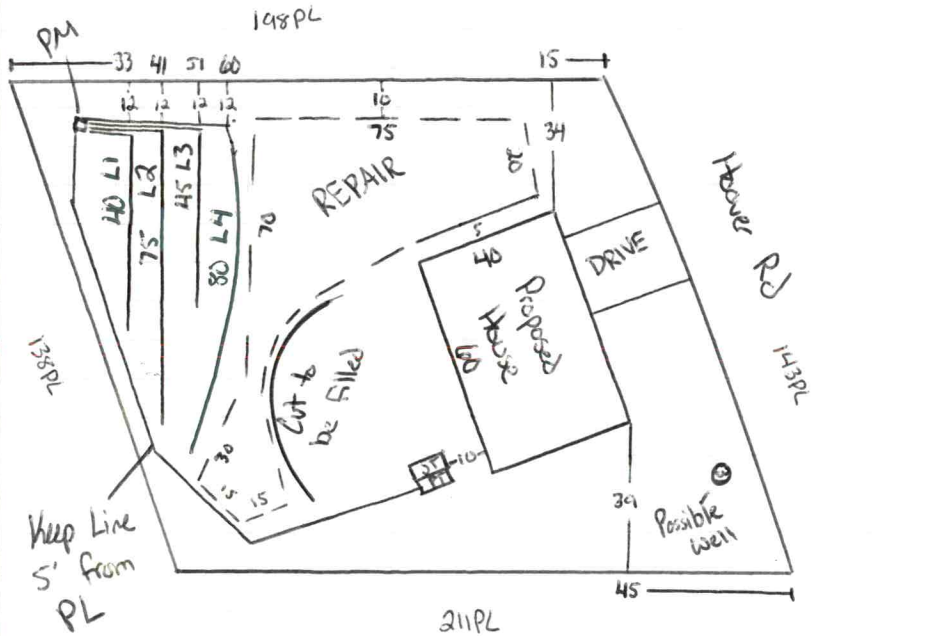
SUBDIVISION: Hoover Farms SECTION: - LOT # 4 LOT AREA: 0.61 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.25/.1

Septic Tank	1000	(gal)	STB	760	Date	6/26/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	7/7/23	System Description:			VPPBPS (PM)	
Pump Make		Model			Serial #		Repair System Description:			TS11 - DRIP	
# Nitrification Fields	1	# Lines	4		Linear Ft	240'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24 in	Trench Bottom Depth ~~(Low side)~~		36" max	Gravel Depth	-		☐ GRAVITY	☒ PRESSURE		

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

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

INITIAL SITE SKETCH



AS BUILT SKETCH

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the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

L1 + L3 - 1/2 sch 80
L2 + L4 - 3/4 sch 80

Dose = 208.8
Flow = 31.16
Time = 6.7 min
Drawdown = 9.9 in
2 in supply
2 ft head

Checked
TankS MW 8/11/23

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**

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Owner / Applicant Signature: Online Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Cory Hill Date: 6/29/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 7/5/23 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? _____	

Sheet 1 of 1
PROPERTY ID #: 4741469311
COUNTY: Iredell

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

OWNER: Juan M Plasencia
ADDRESS: 19925 Jetton Rd, Suite 202
APPLICATION DATE 6/8/23
DATE EVALUATED: 6/20/23
PROPOSED FACILITY: 3 bd/c home PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 0.61
LOCATION OF SITE: 615 Hoover Rd
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X 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	Linear 5%	0 - 6	Fill		Yellow/Brown thru out C & CL layer	48	Many thru out C & CL layer	inc	.25 PS
		6 - 30	C ABK	SS SP FR SE					
		30 - 48	CL ABK	SS SP FR SE					
2	Linear 10%	0 - 27	C ABK	SS SP FR SE	Yellow/Brown at 18"	48	Many CL	inc in layer	.25 PS
		27 - 48	CL ABK	SS SP FR SE					
3	Linear 11%	0 - 6	Fill		10 yr 6/3 at 26"	48	-	-	.25 PS
		6 - 25	C ABK	SS SP FR SE					
		25 - 48	CL ABK	SS SP FR SE					
4	Linear 8%	0 - 9	Fill		10 yr 6/2 at 31"	48	-	-	.1 DRIP
		9 - 30	C ABK	SS SP FR SE					
		30 - 48	CL ABK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	50%	DRIP
Site LTAR	.25	.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
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.

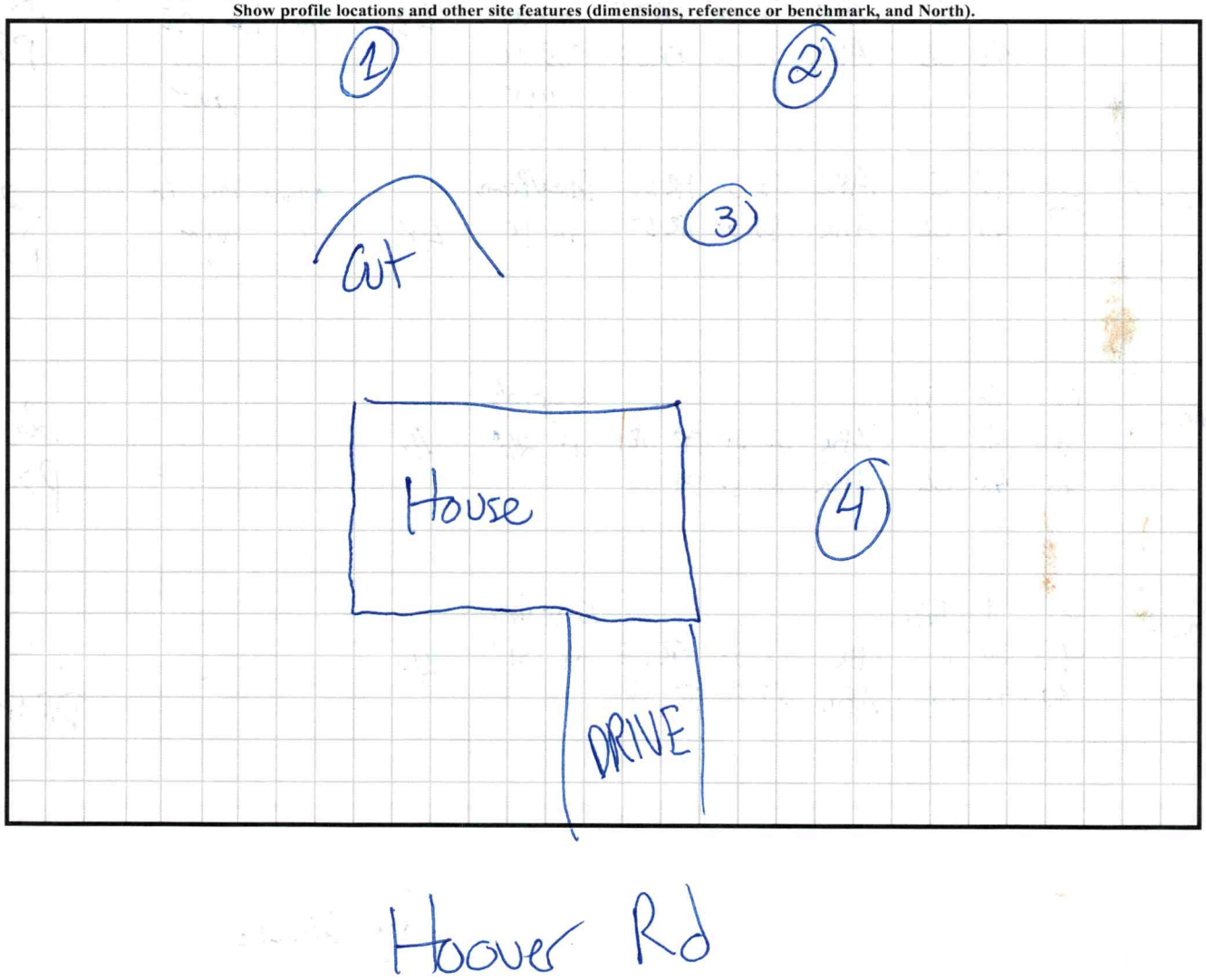
NOTES

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/ft^2

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



Updated February 2014

PERMIT SNAPSHOT REPORT OSWP-2023-27654 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Description:

Project:
District: Troutman
Square Feet: 0.00
Assigned To: Whicker, Cory

App Date: 06/08/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4741469311.000 Main

Address: 615 Hoover Rd Main
Troutman, NC 28166

Zone: RP(RP)
RS(Suburban Residential District)

Applicant/Authorized Agent
StratX Construction LLC
Juan M Plasencia
19925 Jetton Rd Suite 202
Cornelius, NC 28031

Property Owner
Greg Kasdorf
Home: (248) 496-3558
Mobile: (248) 496-3558

Property Owner
Austin Vollmar
16006 Henry Ln
Huntersville, NC 28078
Business: (248) 821-8398

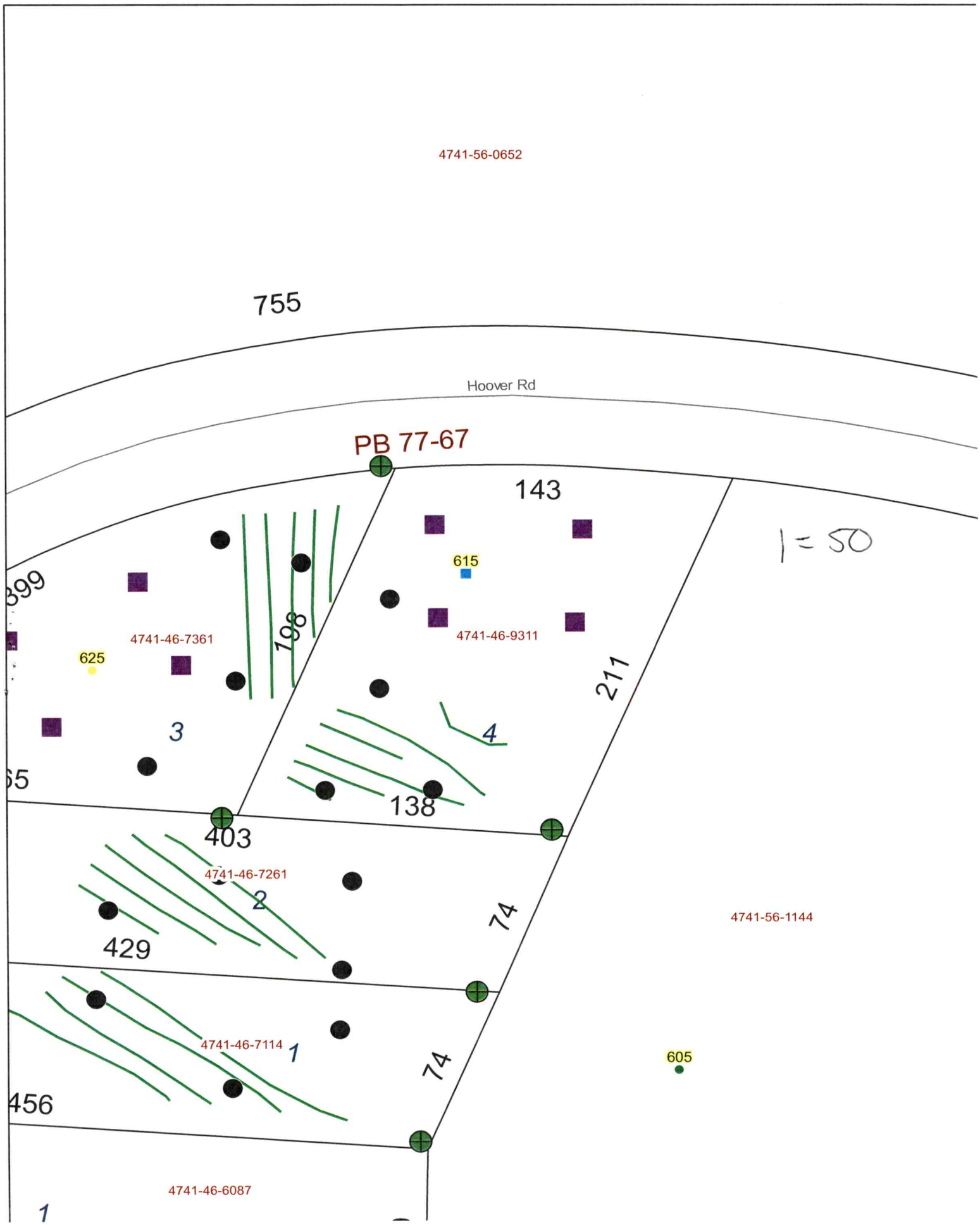
Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	59' x 40'
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Front Setback	25	Back Setback	25
Left Setback	15	Lake/Stream Setback	50	Right Setback	15
Zoning Permit Issued Date	Jun 12 2023 12:00AM	Zoning Permit Expiration Date	Dec 9 2023 12:00AM	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Zoning Notes/Addendums	Single-Family Home on well and septic. Please coordinate with NCDOT regarding a driveway permit.
Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Juan_M_6/8/2023.jpg	06/08/2023 13:54	M Plasencia, Juan		Uploaded via CSS
Owner Legal Representative Hoover Rd Lot 4_v1.pdf	06/08/2023 16:04	Nebel, Barbara	Available Online	Authorize to Act as Agent

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00015517	Troutman Zoning Fee	$45.00	$45.00
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00015517	$545.00	$545.00
	Grand Total for Permit	**$545.00**	**$545.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		06/08/2023 16:04	06/08/2023 16:05
Confirm application complete v.1	Generic Action		06/08/2023 16:05
Fees v.1		06/13/2023 8:02	06/13/2023 8:02


4741-56-0652
755
Hoover Rd
PB 77-67
143
1 = 50
615
399
4741-46-7361
198
625
4741-46-9311
211
3
4
65
138
403
4741-46-7261
2
74
4741-56-1144
429
4741-46-7114
1
74
605
456
4741-46-6087
1

Public Health
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Iredell County Health Department

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, Nick Marinelli, am the legal owner(s) of the property located at Martinray Holdings LLC, identified as PIN (Parcel Identification Number) 4741469311.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Wendell Overby, Soil & Forestry Services of the Carolinas, PA, 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

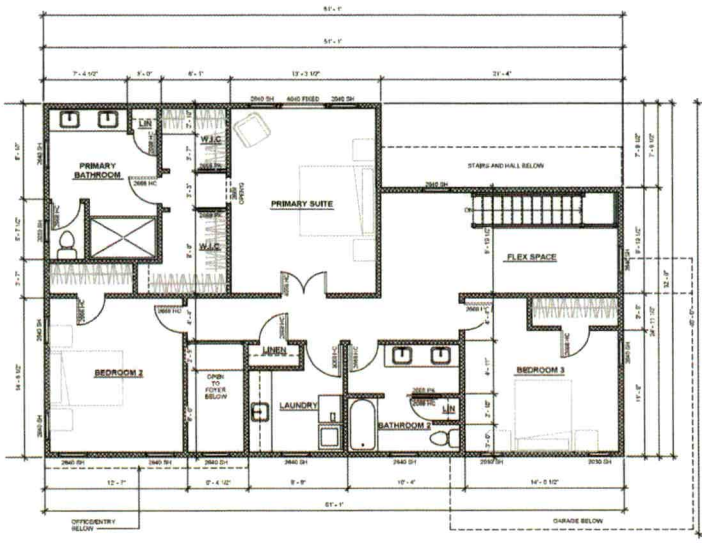
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ 8/16/22
Signature of Owner(s) Date

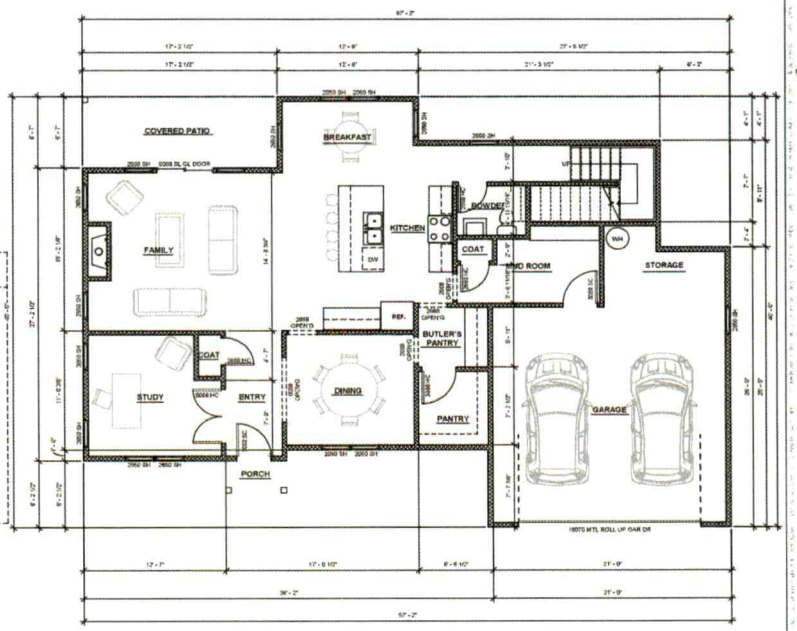
Mooresville - Environmental Health

Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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



② SECOND FLOOR PLAN
1/4" = 1'-0"



① FIRST FLOOR PLAN
1/4" = 1'-0"

WALL STUD REQUIREMENTS	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

SQUARE FOOTAGE:

FIRST FLOOR:	1761 SQ FT.
SECOND FLOOR:	1463 SQ FT.
TOTAL	3224 SQ FT

ADS
19925 Jetton Road
Suite 202
Cornelius, NC 2803
980.689.2832 o/f

STRAT
PROPERTI
20001 Colony Point L
Cornelius, NC 2803

A Proposed Renovation for
HOOVER RD

FEB. 21, 202

HOOVER R

FLOOR PLA
2

2-3