ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

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

PERMIT : OSWP 2024-49601

PIN # 4870-21-1112

APPLICANT/OWNER: Gregory A Loflin | APPLICANT ADDRESS: 153 Blaise Church Rd Mocksville NC 27028

SITE ADDRESS: 280 Gallihar Rd Harmony NC 28634 | PHONE: 9805810573 | ALT. PHONE 8038046925

SITE DIRECTIONS: Hwy 21 N → (L) Gallihar Rd → on (R) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 1AC | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.3 | L.T.A.R (Repair): 0.3

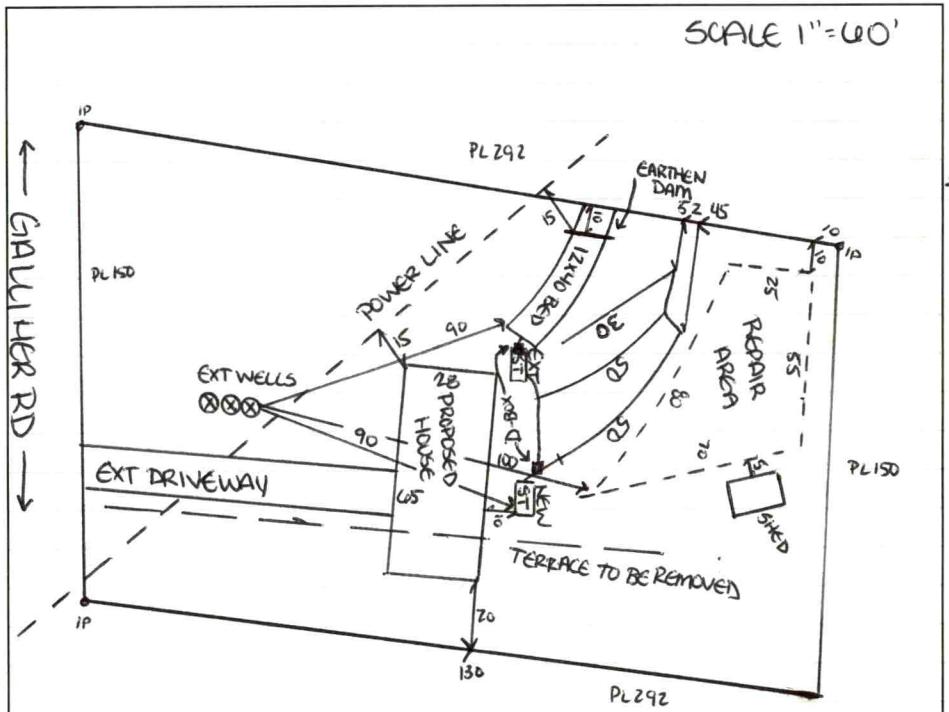
Septic Tank	1000 (gal)	STB	760	Date	7-5-24	☐ New System ☐ Repair ☒ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	Existing + Gravity 25%	☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	50% Reduction VPPBPS	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	3+EXT	Linear Ft	130	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36"	*Max. Trench Depth(Initial)	32"	*Max. Trench Depth(Repair)	24"	Gravel Depth	—	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☒ Public ☐ Community

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 48 | Usable Depth to LC (Repair): 48 | *Limiting Condition*

Comments / Conditions: Install on contour 9' on center. Cut off & earthen dam old bed 10' from property line. Pump, crush, & fill old tank. Utilize bed for initial system. Repair system not to exceed 24" trench depth or will be SAP controlled. Terrace not to be over-graded or may become pump system. Call for pre-construction on how to feed lines. 704-902-4481

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.

LINES AS DRAWN TANK AS DRAWN SW 8/26/2024

FLOW DIVIDER TO BE USED INSTEAD OF SECOND D-BOX

NEEDS

- PLUMBING CHECKED
- SPEED LEVELERS ✓ SW 8/29/2024
- FILTER IN TANK

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 | Date: — | Installed by: Howard Pierce Grading

IMPROVEMENT PERMIT by: Sarah Williams ✓ | Date: 5/21/2024 | OPERATION PERMIT by: Sarah Williams ✓ | Date: 8/29/2024

AUTHORIZATION TO CONSTRUCT by: Sarah Williams ✓ | Date: 5/21/2024 | Existing System Inspected by: | Date:

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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-49601 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/21/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Bracken, Sarah	**Approval Expire Date:**	

Description: System expansion. Tried to contact client twice and left message. Property lines and corners not marked. 4/11/24 - BM - PROPERTY IS NOW MARKED PER GREG LOFLIN 5/8/24 rh

Parcel: 4870211112.000 Main	**Address:** 280 Galliher Rd Harmony, NC 28634 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Marcus Lambert	Gregory A Loflin
Home: (803) 804-6925	153 Blaise Church Rd 153
Mobile: (803) 804-6925	Blaise Church Rd
	Mocksville, NC 27028
	Business: (980) 581-0573
	Mobile: (980) 581-0573

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Existing System Inspection, Expand septic to add bedrooms	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	28X64
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	4 3BR
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)	Lot Acreage	1
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Apr 2 2024 12:00AM	Zoning Permit Expiration Date	Sep 29 2024 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	REQUIREMENTS FOR AL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding,		wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No

PERMIT SNAPSHOT REPORT (OSWP-2024-49601)

Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Gregory_Loflin_3/21/2024.jpg	03/21/2024 7:10	Loflin, Gregory		Uploaded via CSS
Lambert Authorization_v1.pdf	03/21/2024 15:43	Loflin, Gregory	Available Online	
Lambert site plan_v1.pdf	04/02/2024 8:37	Loflin, Gregory	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-214188	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/14/2024	05/14/2024 0:00	05/14/2024 0:00	05/14/2024 15:35	05/14/2024 15:35

Inspectors: Moore, Bradley (Primary)

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

Note	Created By	Date and Time Created
1. sent an email to verify if the existing home showing on the map has been demolished and the mobile home set in it's place.	Julia Bailey	03/21/2024 16:58

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00029031	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00029031	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/21/2024 15:44	03/21/2024 15:44
Confirm application complete v.1	Generic Action		03/21/2024 15:44
Fees v.1		04/10/2024 8:15	04/10/2024 8:15
Issue Invoice v.1	Generic Action		04/10/2024 8:15
Fees Paid v.1	Generic Action		04/10/2024 8:15
Zoning Review v.1		04/02/2024 8:17	04/10/2024 8:15
~~Floodplain Admin Overview v.1~~	Task		04/02/2024 8:17
Iredell County Zoning Approval v.1	Task	04/02/2024 8:17	04/02/2024 8:20
Issue Invoice v.1	Generic Action		04/02/2024 8:20
Fees Paid v.1	Generic Action		04/10/2024 8:15
Lot Readiness Verification v.1		05/14/2024 15:35	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/14/2024 15:35	05/14/2024 15:36
OSWP Site Evaluation v.1	Inspection		
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		

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

PROPERTY ID #: 4870-21-1112
COUNTY: Iredell

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Gregory A Loflin DATE EVALUATED: 5/20/2024
ADDRESS: 153 Blaise Church Rd Mocksville NC 27028
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 1AC
LOCATION OF SITE: 280 Gallher Rd Harmony NC 28634 PROPERTY RECORDED: 1978
WATER SUPPLY: (Public) (Single Family Well) Shared Well Spring Other — WATER SUPPLY SETBACK: 50'/10'
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 10%	0-12	FILL DIST	—		(53)	—	—	S 0.3	4"
		12-43	C ABK	SSSPSEFR						
		43-53	CL WABK	⊥						
2	LS 10%	0-10	FILL DIST	—		(58)	—	—	S 0.3	4"
		10-22	SCL SBK	SSSPSEFR						
		22-47	C ABK	⊥						
		47-58	CL WABK	⊥						
3	LS 10%	0-10	FILL DIST	—		40 + 9 SAP (49)	VAR LOAP 40-58	—	S 0.3	4"
		10-25	C ABK	SSSPSEFR						
		25-40	CL WABK	⊥						
		40-58	LSAP M	NSNPSEVFR						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	~~CONV~~ 130'	~~CONV~~ 200'
System Type(s)	G 25%	PM 50%
Site LTAR	0.3	0.3
Maximum Trench Depth	32	32

SITE CLASSIFICATION (.0509): S 0.3
EVALUATED BY: S. Williams
OTHER(S) PRESENT:

Comments:

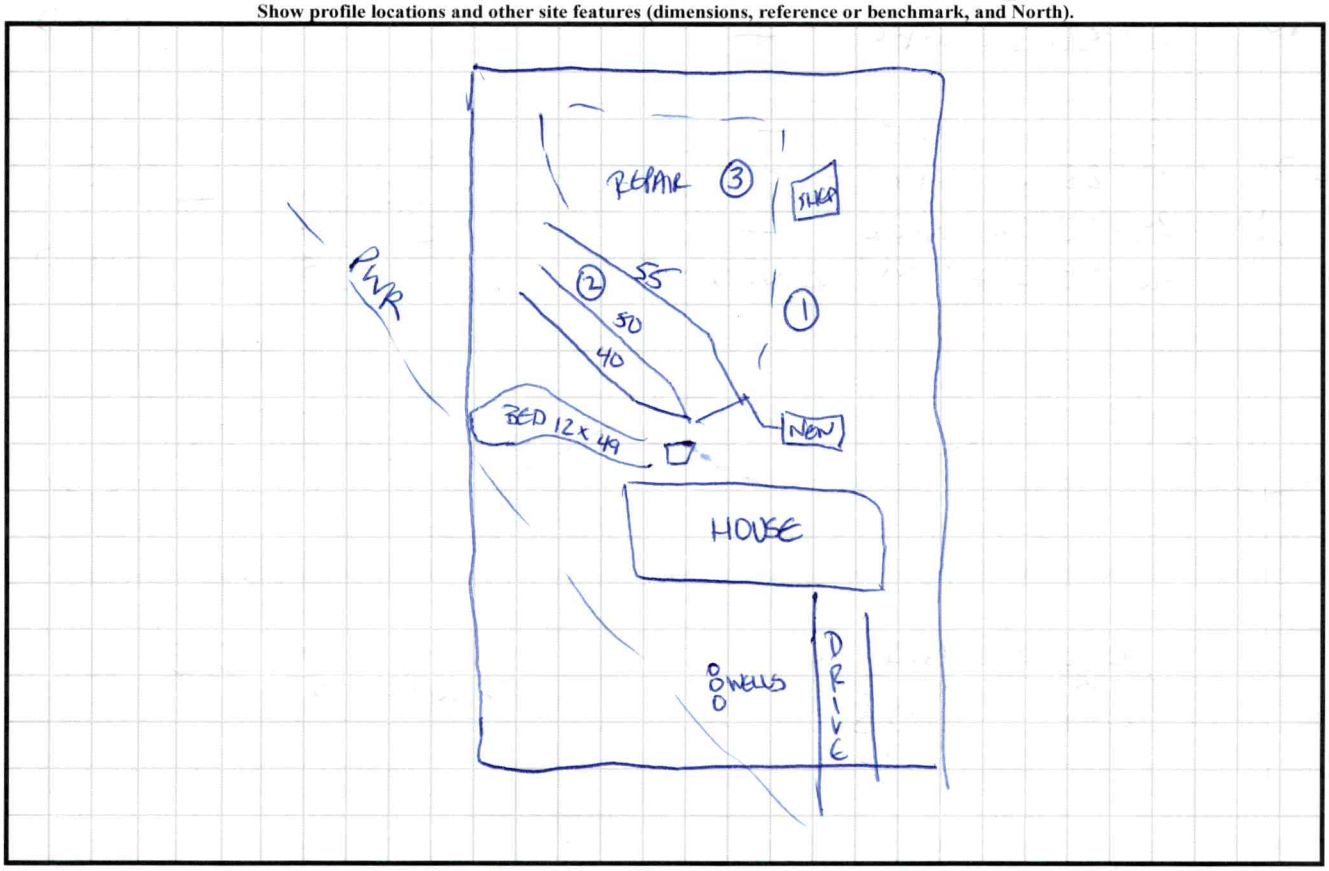
LEGEND

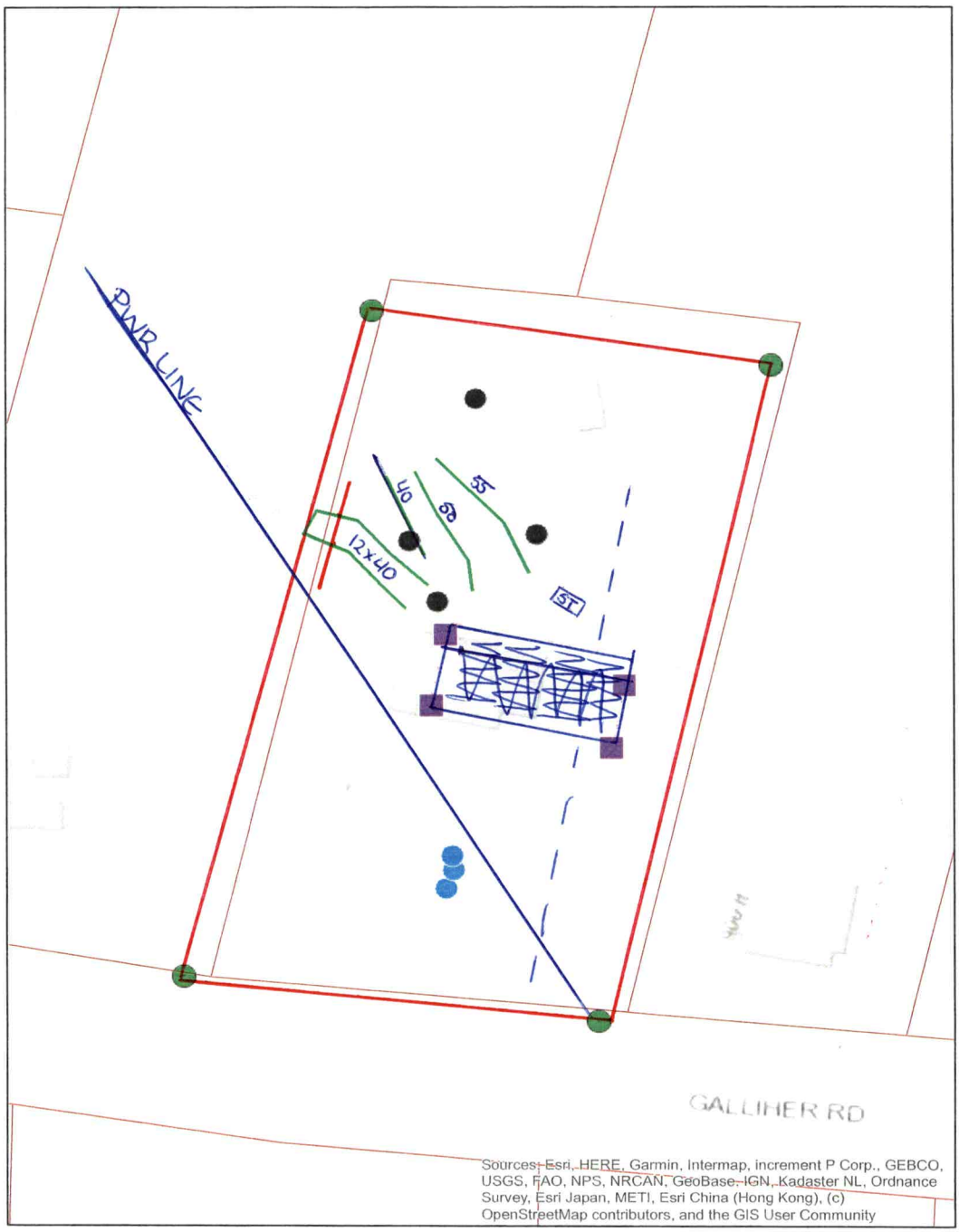
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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



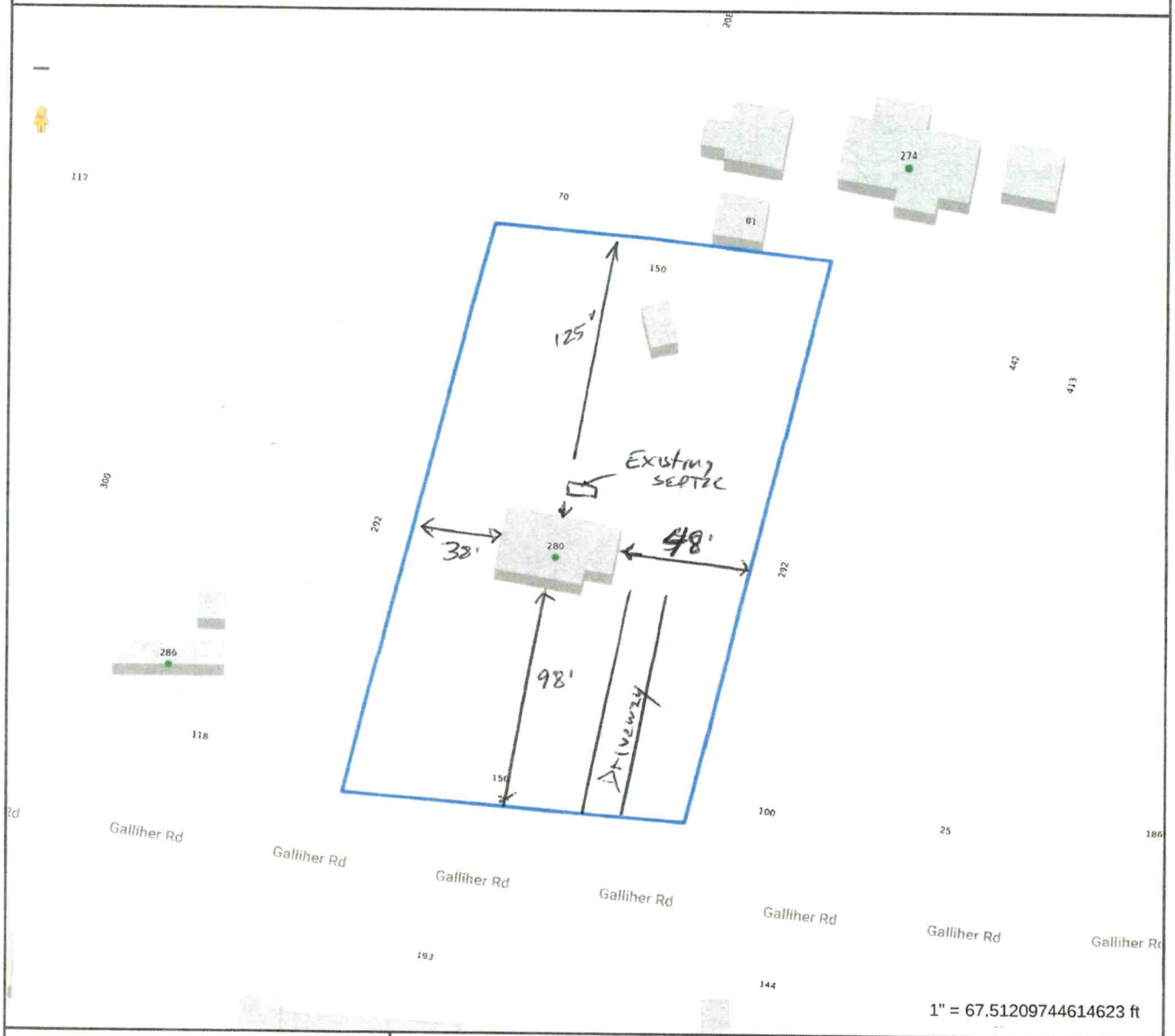

PWR LINE
40
55
60
12x40
ST
GALLIHER RD
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

SCALE 1" = 60'

LAMBERT

Iredell County, North Carolina

March 4, 2024



Tax Map Information

• PIN	4870211112.000
• Address	280 GALLIHER RD
• Account #	Acct 80095685
• Tax Owner	GARDNER STEPHANIE
• Mailing Address	C/O WATT J SHOEMAKER
•	HARMONY, NC 28634
• GIS Owner	LAMBERT MARCUS
• Deed Info	3037 / 830 - WD - 20240110
• Tax Acres	1 AC
• Lot #	
• Description	GALLIHER SR1938
• Zoning	RA
• Old Parcel #	0712H00000A006A
• Bldg Value	$35,080
• OBXF Value	$0
• Land Value	$26,480
• Total Value	$61,560
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL 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.

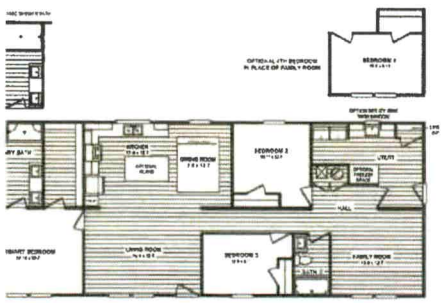
Geometry updated 02/20/2024
Data updated 11/14/2023

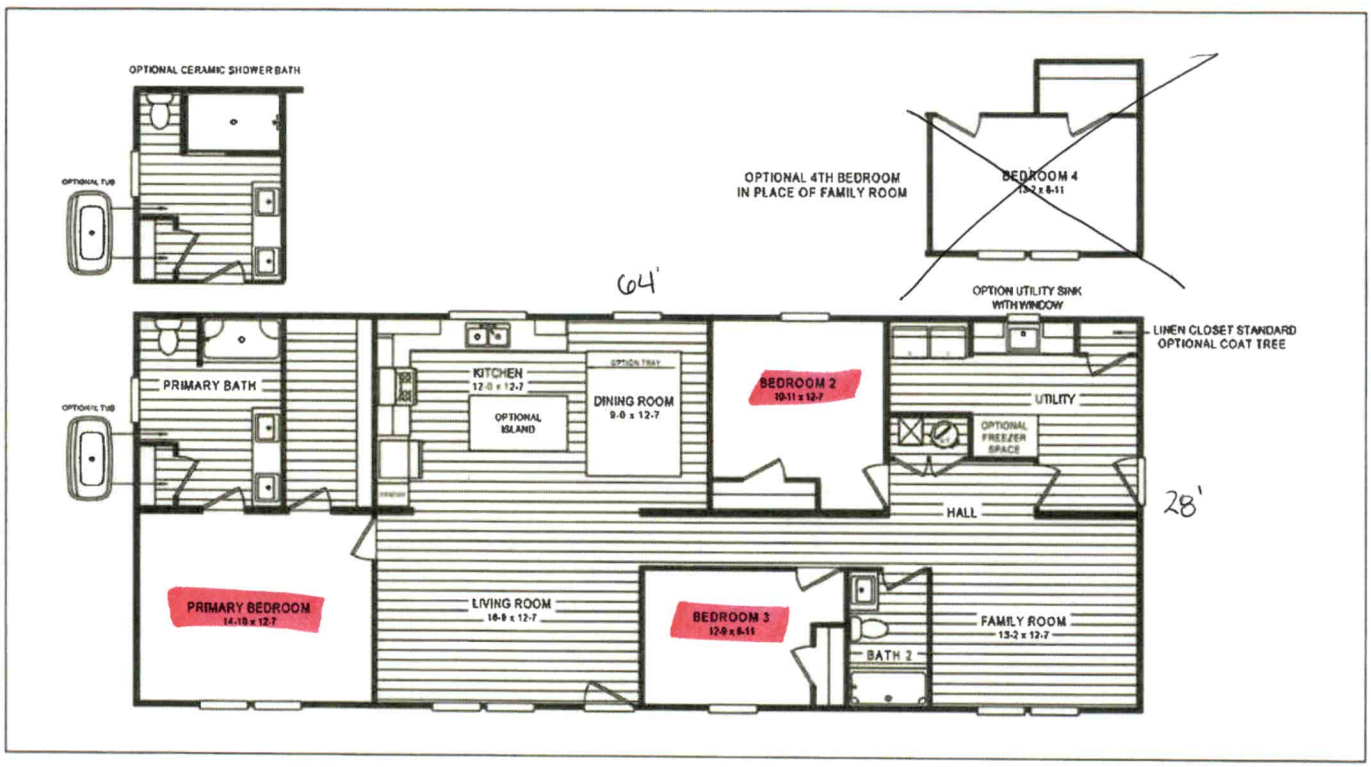
Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

5415 "BOULDER" 6428

57HRC28643AH
3 beds • 2 baths
1,685 sq. ft.







(336) 751-7340
Monday - Friday: 9am to 5pm
Saturday: 9am to 5pm Sunday: Closed

CLAYTON HOMES-MOCKSVILLE
153 BLAISE CHURCH RD
MOCKSVILLE, NC 27028

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APPROVED
MAR 0 2 2024
By: