ICHD - ENVIRONMENTAL HEALTH DIVISION

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

(15) BLDR-2023-37813

PERMIT # DSWP-2023-34977

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

PIN # 4842 -- 14 -- 6849

APPLICANT/OWNER: PHILIP M. HIX APPLICANT ADDRESS: 2299 SOUTH CHIPLEY FORD ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 1028 EUPEPTIC SPRINGS ROAD, OLIN, N.C. 28660 PHONE: 704-902-3191 ALT. PHONE 704-223-5154

SITE DIRECTIONS: (N) ON 77, (L) ON 901, (L) ON JENNINGS, (R) ON EUPEPTIC SPRINGS, LOT ON (L) SAP CONTROLLED: ☑ YES ☐ NO

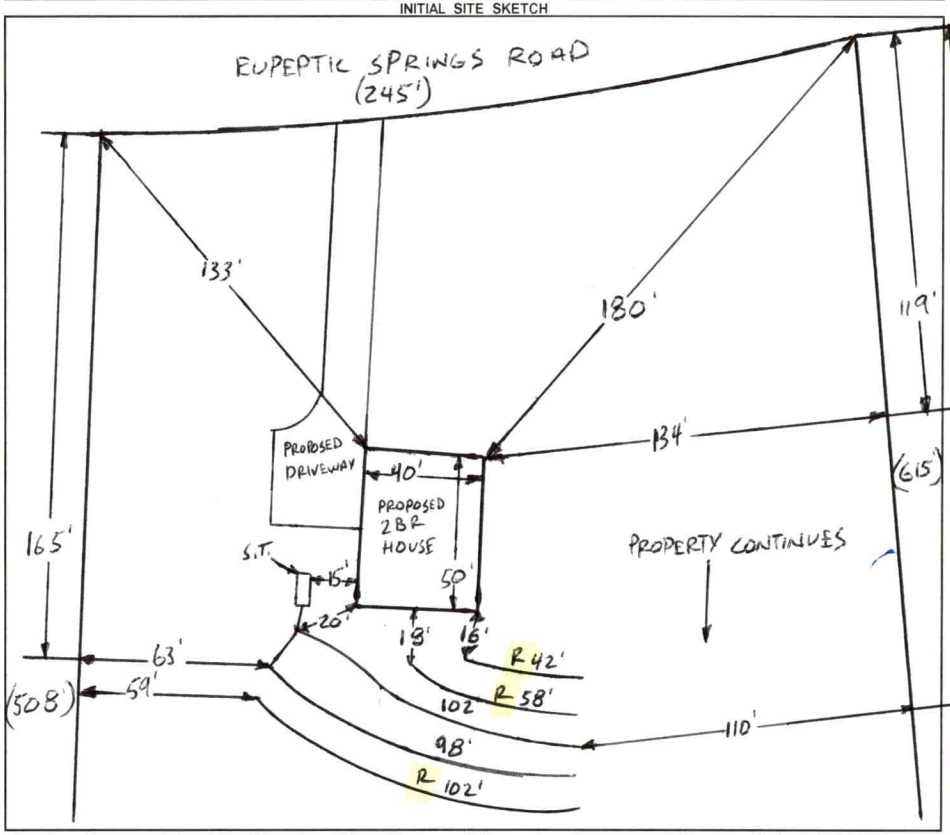
SUBDIVISION: — SECTION: — LOT # — LOT AREA: 3.85 AC DESIGN FLOW: 240 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB B28	Date	10/4/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 2
Pump Tank	—	(gal)	PT —	Date	—	System Description:			25% REDUCTION	☐ Business	No. Persons 4
Pump Make	—	Model	—	Serial #	—	Repair System Description:			25% REDUCTION	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	2	Linear Ft	200 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36 IN	Trench Bottom Depth(Low side)			24 IN	Gravel Depth —	☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 31IN MAX TRENCH DEPTH

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.

1 IN = 60 FT
S.T. = SEPTIC TANK
R = REPAIR

Installed as drawn.

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: A1 Backhoe

IMPROVEMENT PERMIT by: Bryant C. White Date: 10-10-2023 OPERATION PERMIT by: Sarah Williams Date: 1/19/2024

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 10-10-2023 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 #: 4842-14-6849
COUNTY: IREDELL

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

OWNER: PHILIP M. HIX
APPLICATION DATE: 8-24-2023
ADDRESS: 2299 SOUTH CHIPLEY FORD ROAD, STATESVILLE, N.C. 28625
DATE EVALUATED: 9-19-2023
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240 GPD
PROPERTY SIZE: 3.85 AC
LOCATION OF SITE: 1028 EUPEPTIC SPRINGS ROAD, OLIN, N.C. 28660
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	LINEAR SIDE 4%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI	49"+	NA	NA	PS .3
		6-26	C, SBK	FR, S, P, SEXP					
		26-49	CL, WABK	FI, SS, SP, SEXP					
2	LINEAR SIDE 6%	0-8	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI	40"	NA	NA	PS .3 ABOVE 43"
		8-24	C, SBK	FR, S, P, SEXP					
		24-40	CL, WABK	FI, SS, SP, SEXP					
		40-46	SAP, RC	FI, NS, NP, SEXP					
		46+	BHR	ROCK					
3	LINEAR SIDE 7%	0-8	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI	48"+	NA	NA	PS .3
		8-28	C, SBK	FR, S, P, SEXP					
		28-48	CL, WABK	FI, SS, SP, SEXP					
4	LINEAR SIDE 3%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI	49"+	NA	NA	PS .3
		6-30	C, SBK	FR, S, P, SEXP					
		30-49	CL, WABK	FI, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. White
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.

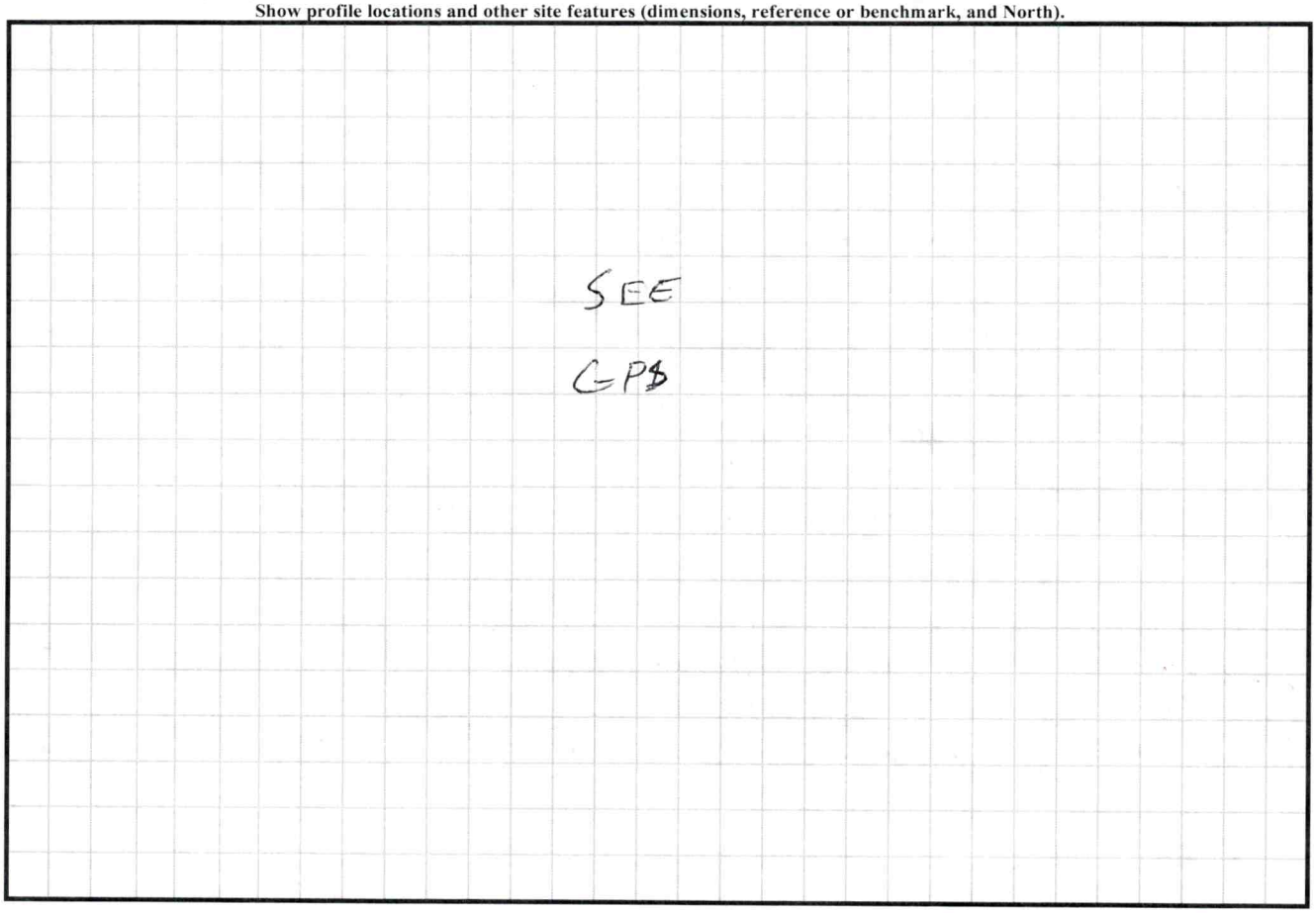
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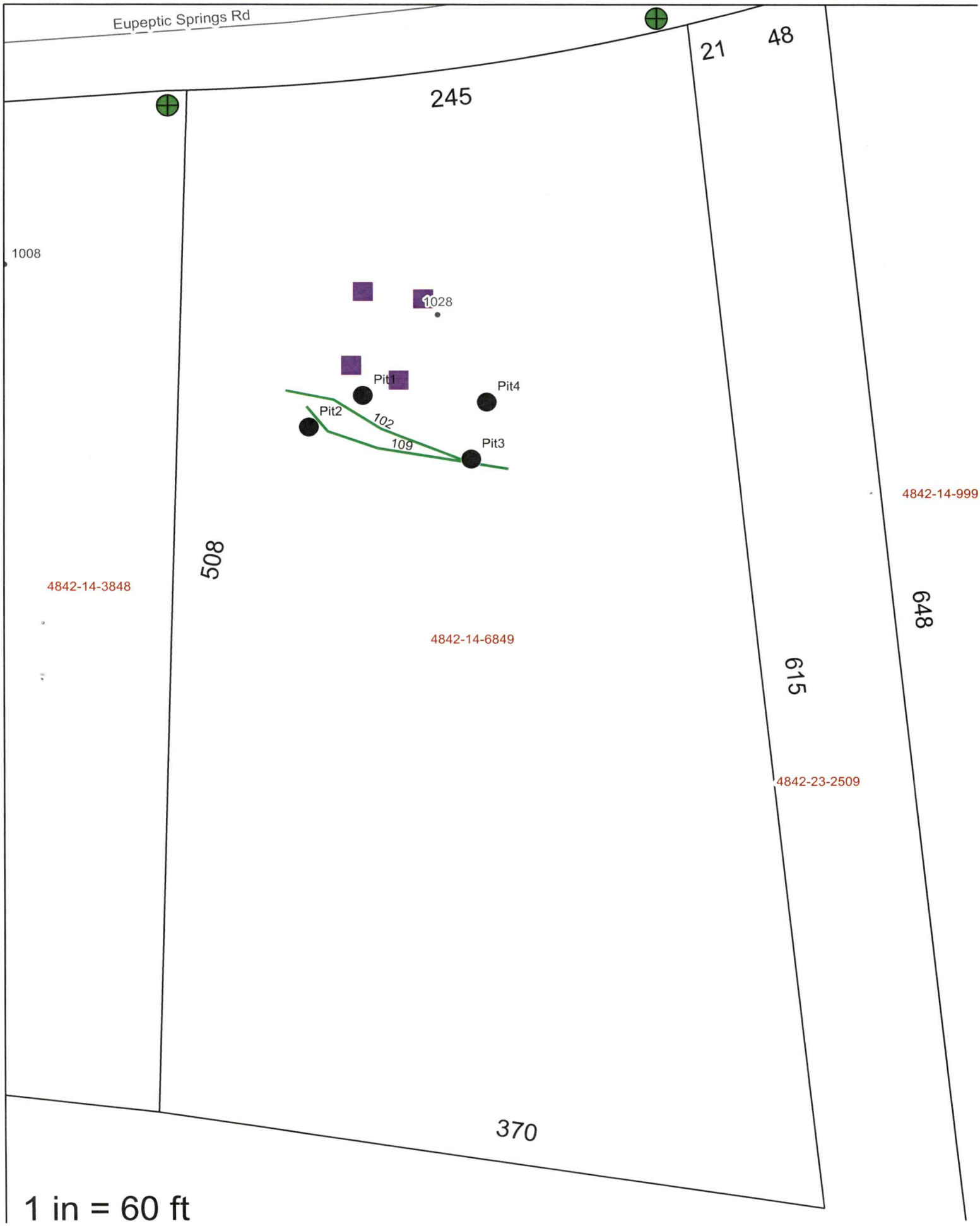
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




Eupeptic Springs Rd
245
21
48
1008
1028
Pit1
Pit2
Pit3
Pit4
102
109
508
4842-14-3848
4842-14-6849
4842-14-999
648
615
4842-23-2509
370
1 in = 60 ft

PERMIT SNAPSHOT REPORT OSWP-2023-34977 FOR IREDELL COUNTY

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

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: White, Bryant

App Date: 08/24/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: 8/31Phillip (Matthew) stated site ready. Property goes on other side of the road on one back corner. Property is 3.85 acres. GM One corner pin in front is in the road. HB marked with orange flags and circled in blue paint. GM

Parcel:	**Address:**	**Zone:**
4842146849.000 Main	1028 Eupeptic Springs Rd Olin, NC 28660 Main	RA(Residential Agricultural District)

Property Owner
Annette Chenevey
Home: (704) 223-5154

Applicant/Authorized Agent
PHILIP M HIX
2299 S CHIPLEY FORD RD
STATESVILLE, NC 28625
Business: (704) 902-3191

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	30x36
What are the proposed structures	New Single-Family Residence - Modular	Maximum Number of Bedrooms	2	If other Addition/Structure, please explain	
Number of Occupants	1	Foundation Type	Crawl Space Foundation	Water Supply	Municipal Water
Desired Septic System Type	Conventional (most common)	Lot Acreage	3.85	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Aug 30 2023 12:00AM	Zoning Permit Expiration Date	Feb 26 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	Additional Unique Setbacks Apply	No
Watershed	NOT IN A WATERSHED				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_PHILIP_HIX_8/25/2023.jpg	08/24/2023 20:59	HIX, PHILIP		Uploaded via CSS
20230824204828799_v1.pdf	08/25/2023 10:38	Nebel, Barbara	Available Online	Authorize to Act as Agent
20230824204610674_v1.pdf	08/28/2023 15:11	Bailey, Julia	Available Online	Site Plan

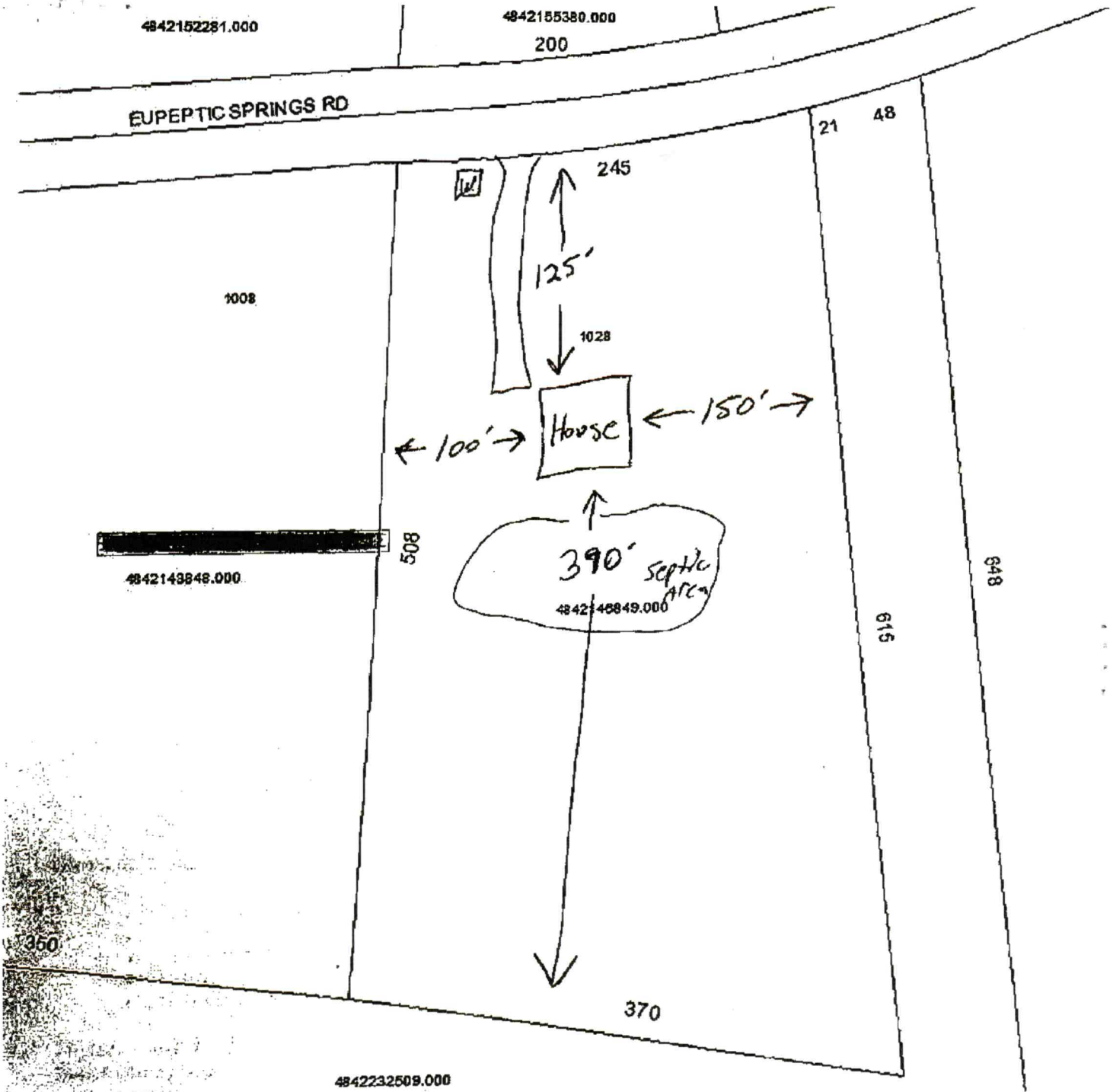
Note	Created By	Date and Time Created
1. 8/31 Phillip (Matthew) stated site ready. Property is 3.85 acres, property one back corner is across the road. GM One corner pin is in the road on front of property. Orange flags circled with blue paint is HB. GM	Grace McLeod	08/31/2023 9:24

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00019926	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00019926	$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		08/25/2023 10:38	08/25/2023 10:39
Confirm application complete v.1	Generic Action		08/25/2023 10:39

PERMIT SNAPSHOT REPORT (OSWP-2023-34977)

Fees v.1		08/31/2023 8:03	08/31/2023 8:03
Issue Invoice v.1	Generic Action		08/31/2023 8:03
Fees Paid v.1	Generic Action		08/31/2023 8:03
Zoning Review v.1		08/25/2023 10:39	08/31/2023 8:13
~~Floodplain Admin Overview v.1~~	Task		08/28/2023 15:12
Iredell County Zoning Approval v.1	Task	08/25/2023 10:39	08/31/2023 8:13
Issue Invoice v.1	Generic Action		08/28/2023 15:12
Fees Paid v.1	Generic Action		08/31/2023 8:03
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
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		


4842152281.000
4842155380.000
200
EUPEPTIC SPRINGS RD
21
48
245
125'
1008
1028
House
100'
150'
508
4842143848.000
390' septic area
4842146849.000
648
615
350
370
4842232509.000