MW

BLDR-2024-55224

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-31261

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

PIN # 4892 -- 15 -- 8126

APPLICANT/OWNER: Tim Sherrill APPLICANT ADDRESS: 2835 Harmony Hwy, Harmony

SITE ADDRESS: 791 Abbeydale Rd, Harmony 28634 PHONE: 704-433-9322 ALT. PHONE –

SITE DIRECTIONS: 21 N - Houstonville - Abbeydale SAP CONTROLLED: ☐ YES ☒ NO

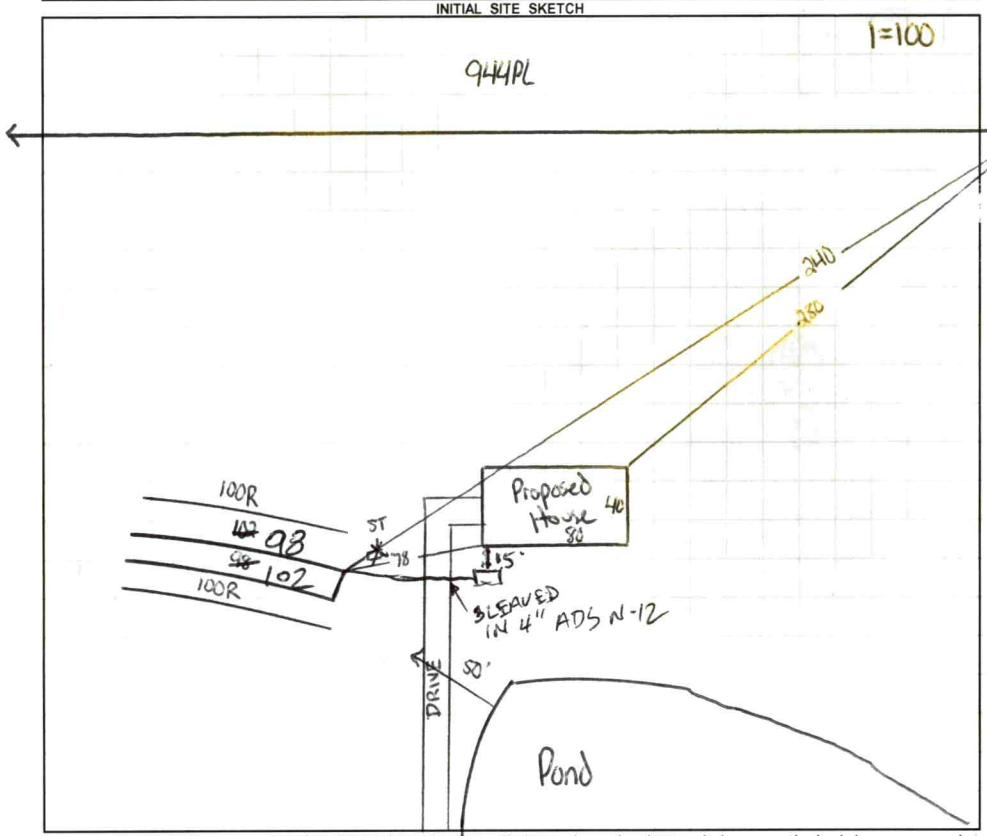
SUBDIVISION: Betty R Riddle Estate SECTION: -- LOT # 2 LOT AREA: 26.004 DESIGN FLOW: 240 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 160	Date	7-13-2024	☒ 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'	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36 in	Trench Bottom Depth(Low side)	29 in	Gravel Depth	-		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

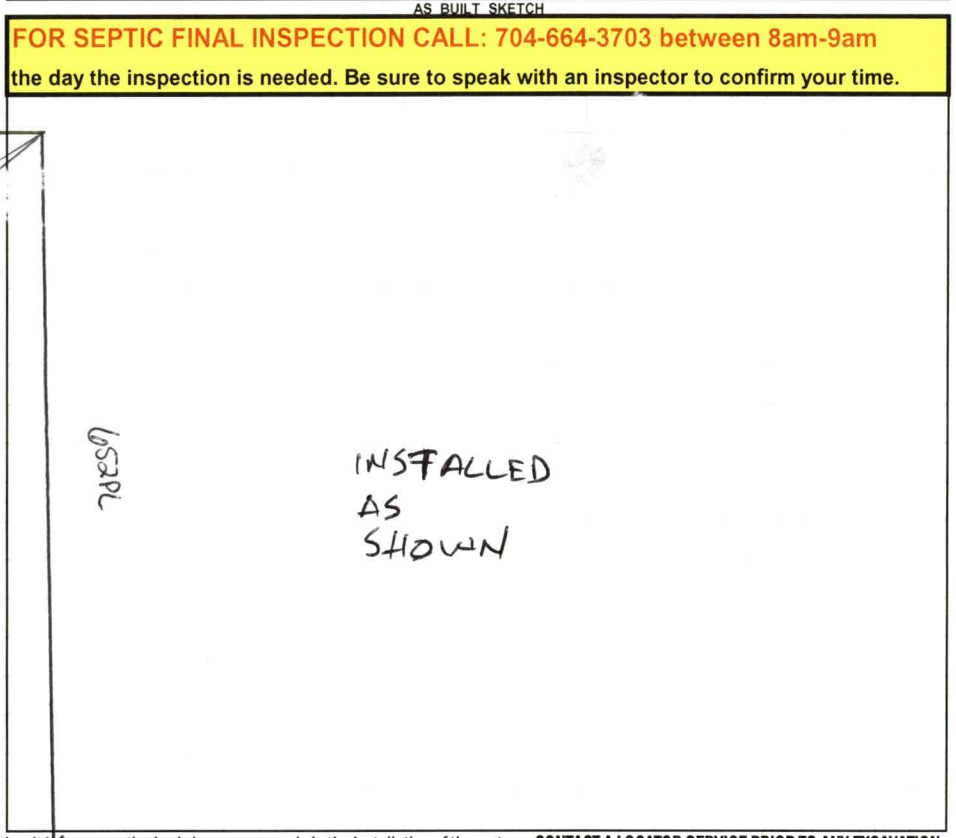
Comments / Conditions: Do not exceed 36 inch max trench bottom. Do not park, drive, or grade on septic area.

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: BARNES GRADING ✓

IMPROVEMENT PERMIT by: Cary Hill ✓ Date: 8/15/23 OPERATION PERMIT by: Burgett C. Melvin ✓ Date: 9-11-2024

AUTHORIZATION TO CONSTRUCT by: Cary Hill ✓ Date: 6/13/24 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 #: 4892158126
COUNTY: Iredell

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

OWNER: Tim Sherrill
APPLICATION DATE 7/18/23
ADDRESS: 2835 Harmony Hwy
DATE EVALUATED: 8/1/23
PROPOSED FACILITY: 2 bd/r home
PROPOSED DESIGN FLOW (.1949): 240 gpd
PROPERTY SIZE: 26.004
LOCATION OF SITE: 791 Abbeydale
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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 17%	0 - 10	PLOW		–	52	–	–	.3 PS
		10 - 31	C SBK	SS SP FR SE					
		31 - 52	CL SBK	SS SP FR SE					
2	Linear 16%	0 - 8	PLOW		–	62	SAP inc in CL layer		.3 PS
		8 - 28	C SBK	SS SP FR SE					
		28 - 62	CL SBK	SS SP FR SE					
3	Linear 15%	0 - 10	PLOW		Rock inc at 32"	58	SAP inc in CL layer		.3 PS
		10 - 32	C SBK	SS SP FR SE					
		32 - 58	CL SBK	SS SP FR SE					
4	Linear 15%	0 - 8	PLOW		–	56	SAP inc in CL layer		.3 PS
		8 - 26	C SBK	SS SP FR SE					
		26 - 56	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

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.

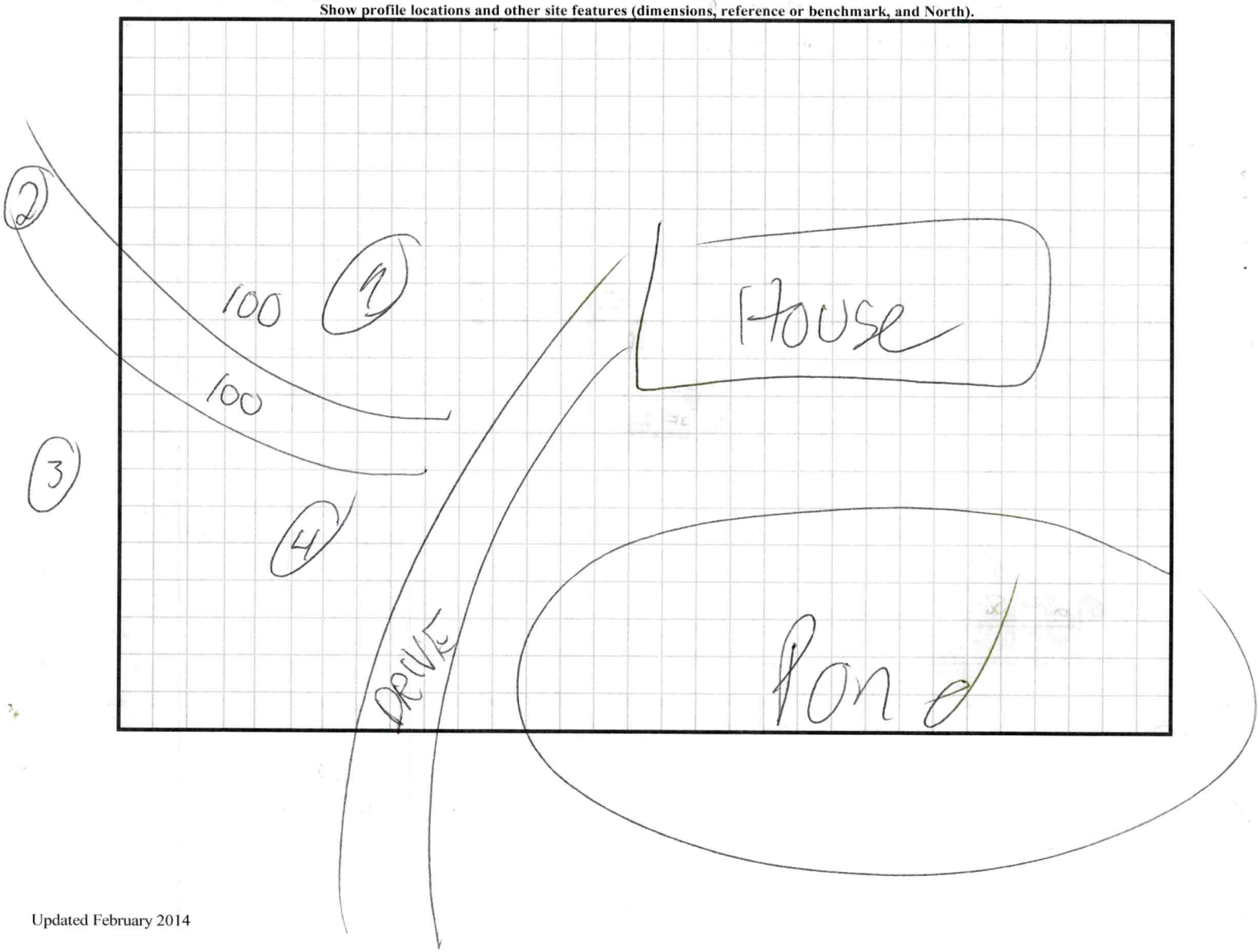
NOTES

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)

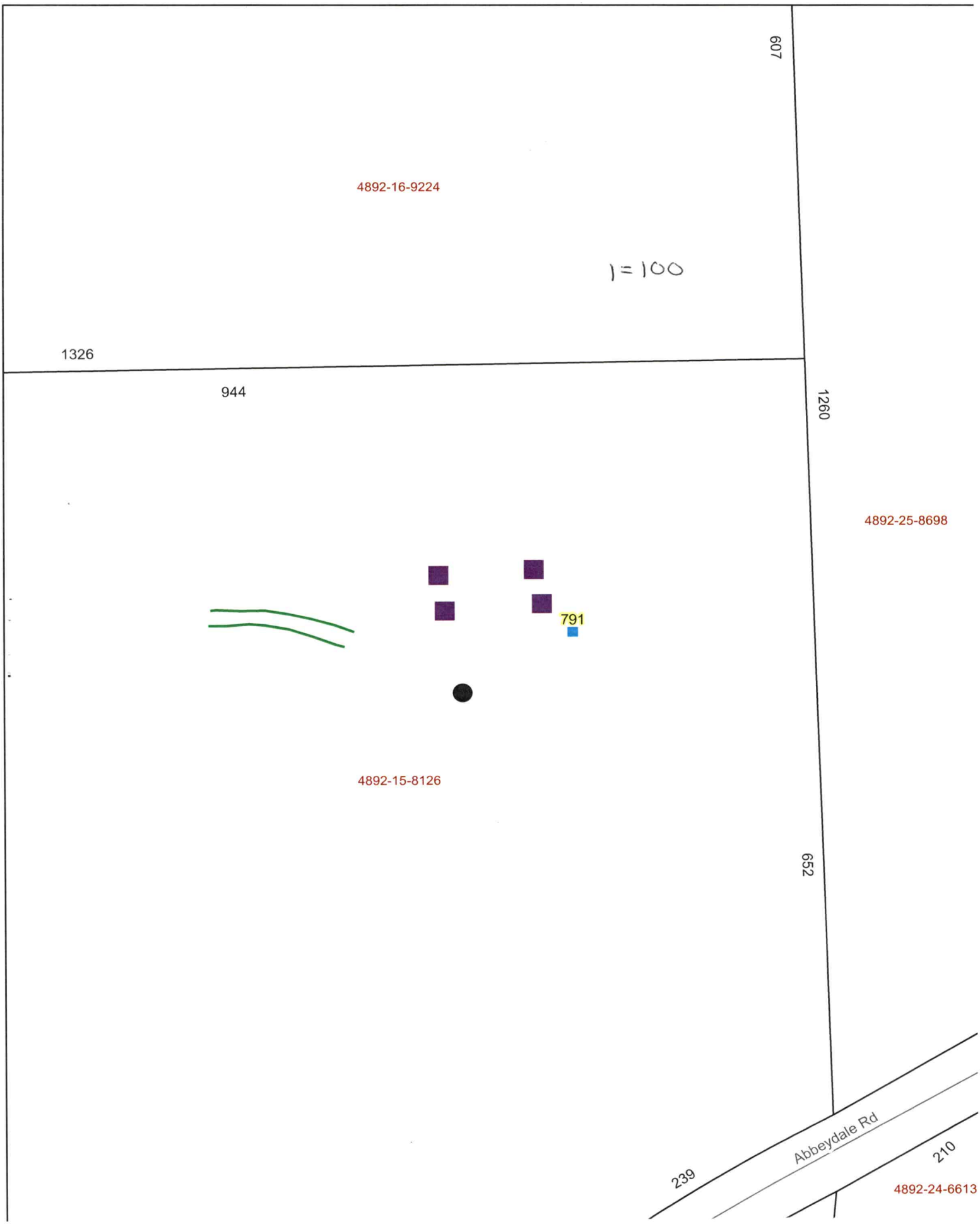
Evaluation of saprolite shall be by pits.

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


607
4892-16-9224
1=100
1326
944
1260
4892-25-8698
791
4892-15-8126
652
239
Abbeydale Rd
210
4892-24-6613

PERMIT SNAPSHOT REPORT OSWP-2023-31261 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: Whicker, Cory
App Date: 07/18/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:
Description: IP-AC PERC TEST- 3030 Gate Code Inside gated property. HB marked lot cleared.

Parcel: 4892158126.000 Main
Address: 791 Abbeydale Rd Harmony, NC 28634 Main
Zone: RA(Residential Agricultural District)

Applicant/Authorized Agent
Tim m Sherrill
2835 Harmony hwy.
Harmony, NC 28634
Mobile: (704) 433-9322

Property Owner
Tim Sherrill
Mobile: (704) 433-9322

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	30'×80'
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	2
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Concrete Slab Foundation
Water Supply	New Well	Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No
Lot Acreage	26	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	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	WSIII BOW HUNTING CREEK				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Tim_Sherrill_7/18/2023.jpg	07/18/2023 15:46	Sherrill, Tim		Uploaded via CSS
791 ABBEYDALE RD AUTHORIZE AN OWNER.pdf	07/18/2023 16:25	COMEAUX, DEBRA	Available Online	AUTHORIZE AN OWNER
Notes_230718_054638_v1.pdf	07/18/2023 16:27	COMEAUX, DEBRA	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-118131	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	07/24/2023	07/24/2023 0:00	07/24/2023 0:00	07/24/2023 16:42	07/24/2023 16:42

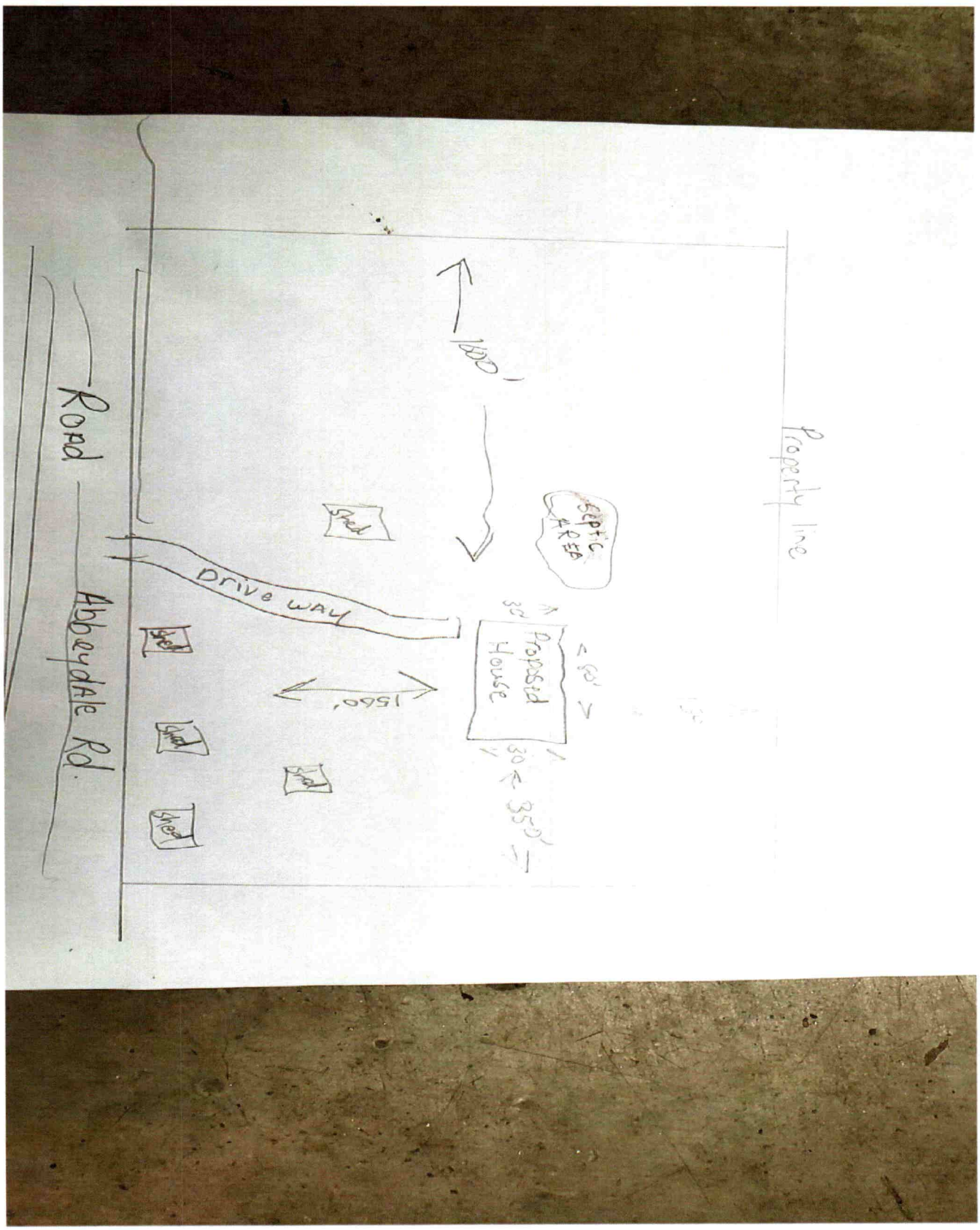
Inspectors: McLeod, Grace (Primary)

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

Note	Created By	Date and Time Created
1. zoning ok per Rich -Debbie called him to confirm	Brandi Kendrick	07/19/2023 9:17

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00017718	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00

House


Road
Abbeydale Rd.
Drive WAY
Shed
Shed
Shed
Shed
Shed
Septic AREA
Proposed House
Property line
100'
150'
30'
< 50' >
30' < 35' >