BLDR-2023-15482 MW BLDR-2023-15487

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-146149

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

PIN # 4772 -- 99 -- 2450

APPLICANT/OWNER: Harold Holly APPLICANT ADDRESS: 1764 Hale Rd, Catawba

SITE ADDRESS: 257 Knox Farm Rd, Statesville 28677 PHONE: 704-775-0505 ALT. PHONE -

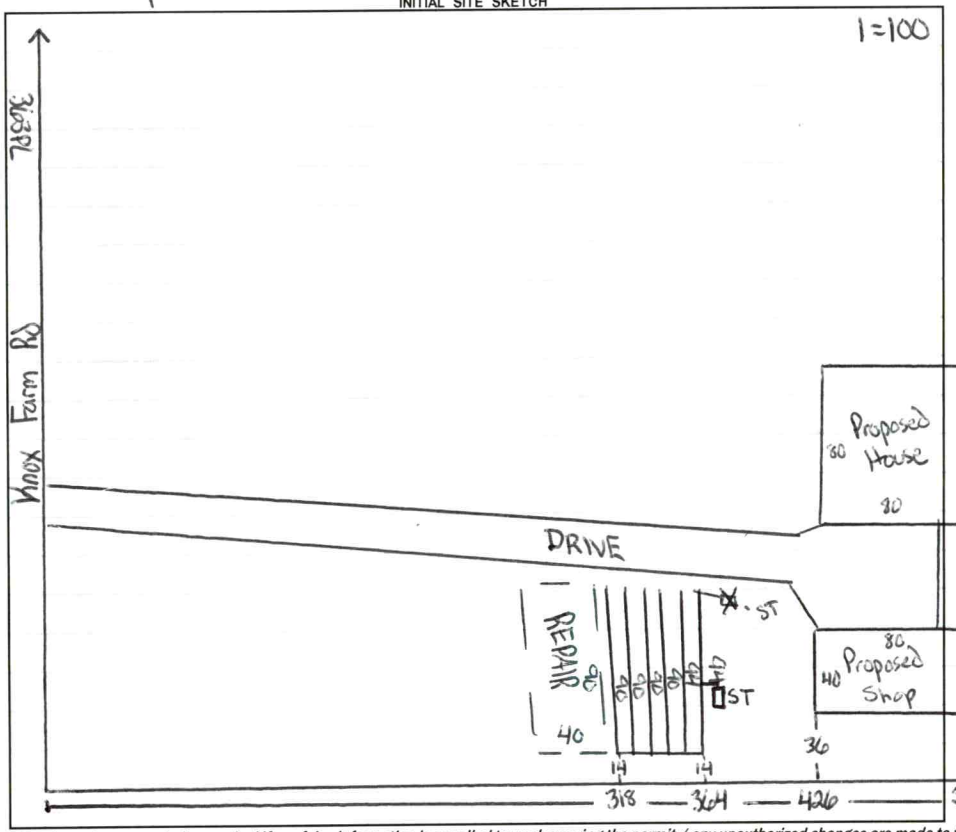
SITE DIRECTIONS: Hwy 70 - Knox Farm SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 13.06 acres DESIGN FLOW: 600 gpd L.T.A.R.: 0.275

Septic Tank	1500 (gal)	STB 9064	Date 11/13/23	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	5	Water Supply
Pump Tank	(gal)	PT	Date	System Description:	25% reduction	☐ Business	No. Persons	10	☒ Private
Pump Make		Model	Serial #	Repair System Description:	50% reduction	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	Linear Ft 546'	Maintenance Agreement Required:	☐ YES ☒ NO	☒ Slab	☐ Crawl Space		☐ Community
Trench Width	36 in	Trench Bottom Depth (Low side)	36" max	Gravel Depth -	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Per owner house box is being built up to ensure fall to septic.

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.

Installed as drawn. see modified tank location. First line split fed. plumbing on opposite side 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: K+M Grading

IMPROVEMENT PERMIT by: Cory Hill Date: 2/23/23 OPERATION PERMIT by: Sarah Williams Date: 2/8/2024

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 2/23/23 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 #: 4773200248
COUNTY: Iredell

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

OWNER: Harold Holly
ADDRESS: 1764 Hale Rd, Catawba
PROPOSED FACILITY: 5 bd/r home
PROPOSED DESIGN FLOW (.1949): 600 gpd
LOCATION OF SITE: 257 Knox Farm Rd, Statesville
APPLICATION DATE
DATE EVALUATED: 2/22/23
PROPERTY SIZE: 13.06 acres
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	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	Linear 5%	0-7	PLOW		-	54	SAP CL	inc in layer	.3 PS
		7-31	C SBK	SS SP FR SE					
		31-54	CL SBK	SS SP FR SE					
2	Linear 8%	0-8	PLOW		-	54	-	-	.3 PS
		8-45	C ABK	SS SP FR SE					
		45-54	CL SBK	SS SP FR SE					
3	Linear 10%	0-7	PLOW		10yr 6/3 at 38"	48	-	-	.275 PS
		7-36	C ABK	SS SP FR SE					
		36-48	CL SBK	SS SP FR SE					
4	Linear 7%	0-7	PLOW		Mang inc in C&CL layer	49	-	-	.275 PS
		7-39	C ABK	SS SP FR SE					
		39-49	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.275	.275

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

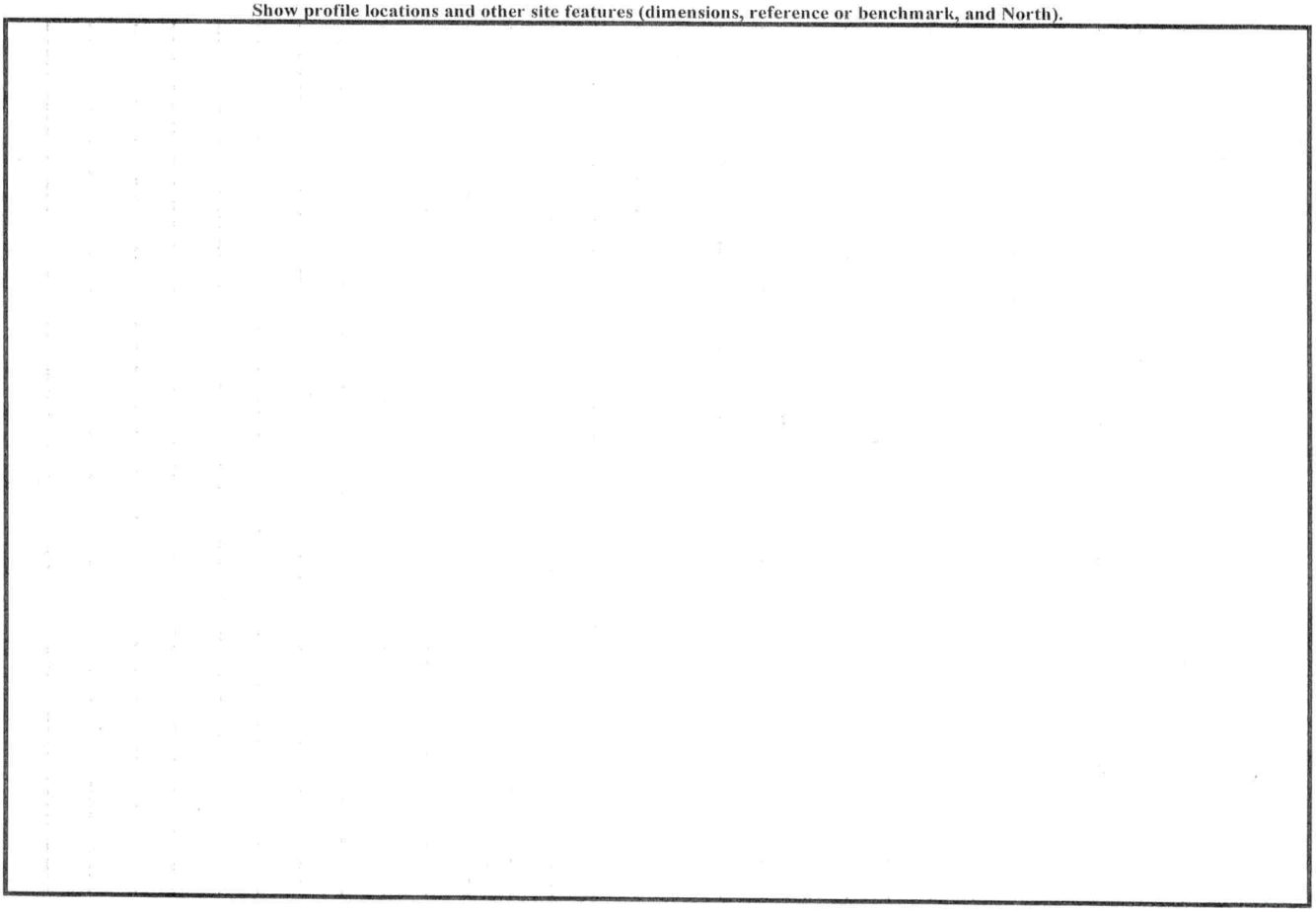
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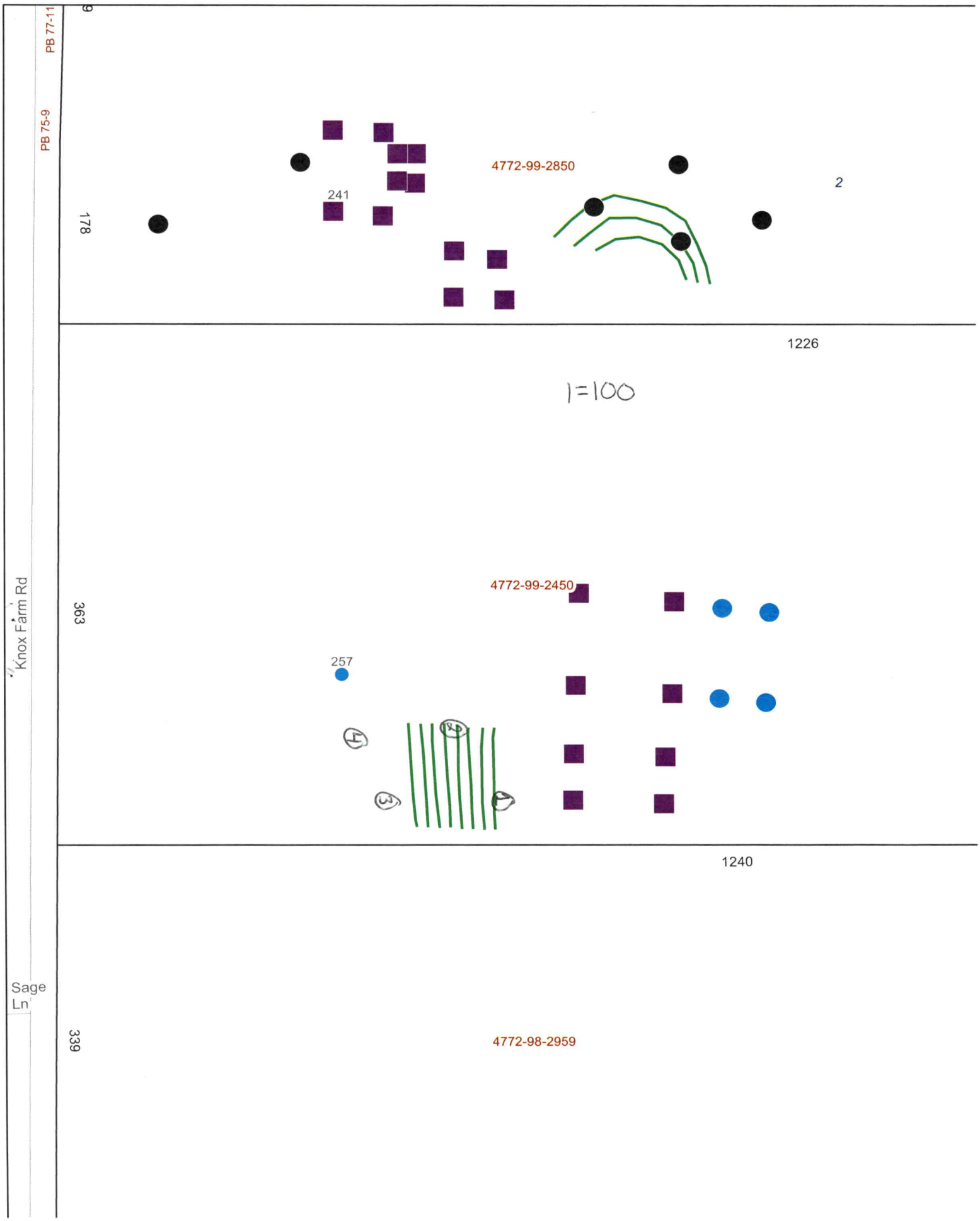
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




PB 77-11
PB 75-9
9
178
241
4772-99-2850
2
1226
1=100
Knox Farm Rd
363
4772-99-2450
257
1240
Sage Ln
339
4772-98-2959

73 x 80

Approved
3-7-2025

04/23/25

PERMIT SNAPSHOT REPORT OSWP-2023-14649 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory
App Date: 01/25/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: improvement and ac floor plans in files BLDR-2023-15482/15487 Zoning is only for the house, you will need to apply for the zoning for the pool and the accessory dwelling on additional permits Eh can review for everything at the same time per rebecca. 80X60 3BR -40X75 accesory-2BR-600sqft-future pool

Parcel:	**Address:**	**Zone:**
4772992450.000 Main	257 Knox Farm Rd Main Statesville, NC 28677	RA(Residential Agricultural District)

Applicant/Authorized Agent
Harold Holly
1764 kale rd
catawba, NC 28609
Mobile: (704) 775-0505

Property Owner
Harold Holly
1764 kale rd
catawba, NC 28609
Mobile: (704) 775-0505

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	80X60 3BR -40X75 accesory-2BR-600sqft-future pool	What are the proposed structures	New Single Family Residence, Other Addition/Structure
If other Addition/Structure, please explain	80X60 3BR -40X75 accesory-2BR-600sqft-future pool	Maximum Number of Bedrooms	5	Number of Occupants	10
Foundation Type	Concrete Slab Foundation	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	13.06
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Feb 1 2023 12:00AM	Zoning Permit Expiration Date	Jul 31 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	zoning is only for new single family home, will need to get zoning approval from a planner for the accessory dwelling and when applying for pool there will be a zoning for that at that time. Per Rebecca septic can be approved for both the new home and the accessory dwelling	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Harold_Holly_1/25/2023.jpg	01/25/2023 11:03	Holly, Harold		Uploaded via CSS
Scan Jan 25, 2023 (1)_v1.pdf	01/25/2023 15:37	Nebel, Barbara	Available Online	Site Plan
Scan Jan 25, 2023_v1.pdf	01/25/2023 15:37	Nebel, Barbara	Available Online	Authorize to Act as Agent
14649 floor plan site plan lien.pdf	02/07/2023 9:42	Horton, Amanda		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-62012	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/14/2023			02/14/2023 16:16	02/14/2023 16:16

Inspectors: Kobuck, Teanna (Primary)

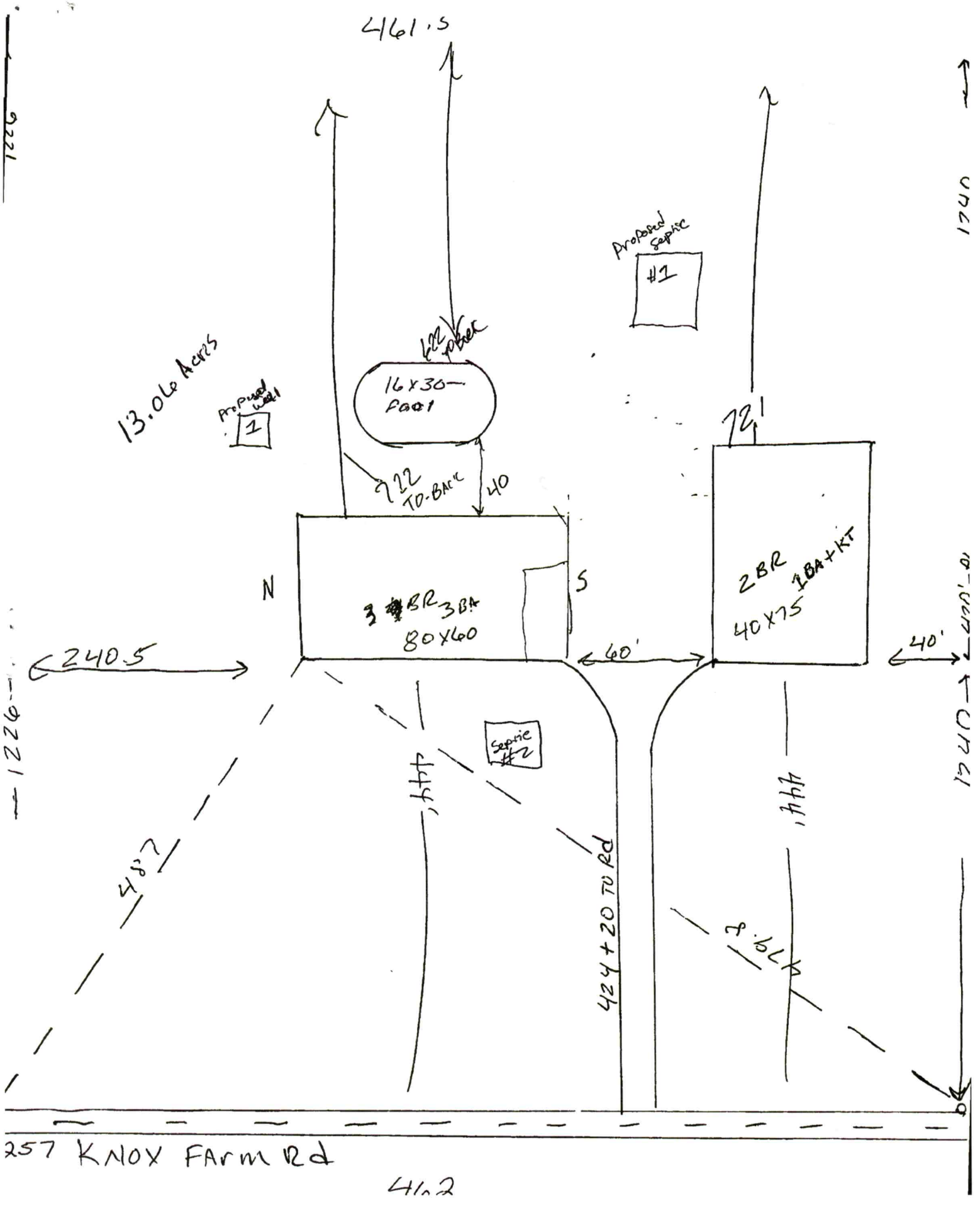
PERMIT SNAPSHOT REPORT (OSWP-2023-14649)

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. 2/7--left message; applicant called back and will verify PC irons, PLs as well as house/pool/accessory boxes and call when ready.	Teanna Kobuck	02/09/2023 11:16

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00008491	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-00008491	$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		01/25/2023 15:37	01/25/2023 15:37
Confirm application complete v.1	Generic Action		01/25/2023 15:37
Fees v.1		02/01/2023 13:27	02/03/2023 11:53
Issue Invoice v.1	Generic Action		02/01/2023 13:28
Fees Paid v.1	Generic Action		02/03/2023 11:53
Zoning Review v.1		01/25/2023 15:37	02/03/2023 11:53
Iredell County Zoning Approval v.1	Task	01/25/2023 15:37	02/03/2023 11:53
Issue Invoice v.1	Generic Action		02/01/2023 10:48
Fees Paid v.1	Generic Action		02/03/2023 11:53
Lot Readiness Verification v.1		02/14/2023 16:16	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/14/2023 16:16	02/14/2023 16:19
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		


461.5
1221
1240
Proposed Septic #1
22' poker
16x30 Pool
13.06 Acres
Proposed well 1
22' TO BACK
40
72'
2BR 1BA+KT 40X75
N
S
3 BR 3BA 80X60
240.5
60'
40'
1226
1220
Septic #2
448'
448'
487'
424 + 20 TU Rd
379'
257 KNOX FARM Rd
41.2

1

0-7	Fill				
7-31	C	SBK	SS SP FR SE	SAP inc in CL layer	.3 PS
31-54	CL	SBK	SS SP FR SE		

2

8	Fill				
45	C	~~V~~ABK	SS SP FR SE		.3 PS
54	CL	SBK	SS SP FR SE		

3

7	Fill		10yr 6/3 at 38"		.275 PS
36	C	ABK			
48	CL	SBK			

4

7	PLOW		Mang inc in C & CL layer		.275 PS
39	C	ABK			
49	CL	SBK			