ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BB

BLDR 2024-61784

PERMIT : OSWP -2024-55779

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

PIN # 4708-34-0244

APPLICANT/OWNER: CLAYTON HOMES STATESVILLE | APPLICANT ADDRESS: 2026 NORTHSIDE DRIVE, STATESVILLE, N.C. 28625

SITE ADDRESS: 538 HARRIS BRIDGE ROAD, STONY POINT, N.C. 28678 | PHONE: 704-929-1552 | ALT. PHONE —

SITE DIRECTIONS: (N) ON 115, (L) ON MIDWAY, (R) ON HARRIS BRIDGE, LOT ON (R) | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 1.427AC | DESIGN FLOW: 360 GPD | L.T.A.R.(Initial): 0.275 | L.T.A.R (Repair): 0.275

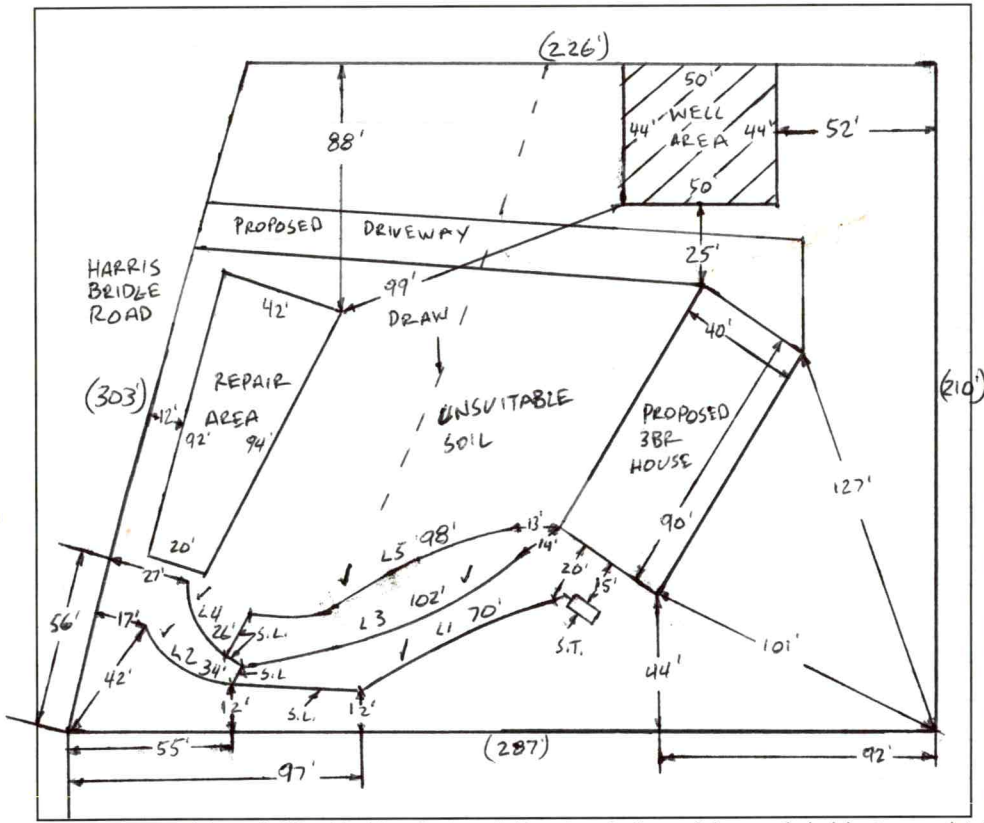
Septic Tank	1000 (gal)	STB	Date	☑ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	— (gal)	PT —	Date —	System Description:	25% REDUCTION	☐ Business	No. Persons 6
Pump Make	—	Model —	Serial # —	Repair System Description:	50% REDUCTION - UPPBPS - P.M.	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines 5	Linear Ft 330FT	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space
Trench Width	36 IN	*Max. Trench Depth(Initial)	30 IN	*Max. Trench Depth(Repair)	30N 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): 40 | Usable Depth to LC (Repair): 44 IN *Limiting Condition*

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION AS SHOWN, DO NOT EXCEED A 36IN MAX TRENCH DEPTH (HIGHSIDE) PRE-CONSTRUCTION MEETING RECOMMENDED CALL (704-703-0273)

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
S.L. = SUPPLY LINE

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: MTB Services

IMPROVEMENT PERMIT by: Bryant C. White | Date: 7-11-2024 | OPERATION PERMIT by: Matt Wilkie | Date: 10/22/24

AUTHORIZATION TO CONSTRUCT by: Bryant C. White | Date: 7-11-2024 | 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? _____	

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

PROPERTY ID #: 4708-34-0244
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: CLAYTON HOMES - STATESVILLE DATE EVALUATED: 7-2-2024
ADDRESS: 2026 NORTHSIDE DRIVE, STATESVILLE, N.C. 28625
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: 1.427 AC
LOCATION OF SITE: 538 HARRIS BRIDGE ROAD, STONY POINT, N.C. 28678 PROPERTY RECORDED: YES
WATER SUPPLY: Public ✓Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50FT
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	FOOT TOP OF TERRACE 10%	0-8	FILL MIXED TERRACE		SAP INC THRU OUT R/B MATRIX	52"+	NA	NA	PS .275 LANDSCAPE	4"
		8-39	C, ABK	FI, S, P, SEXP						
		39-52	CL, WABK	FI, SS, SP, SEXP						
2	FOOT TOP OF TERRACE 6%	0-10	FILL MIXED TERRACE		SAP INC THRU OUT R/B MATIX	58"+	NA	NA	PS .275 LAND SCAPE	5"
		10-43	C, ABK	FI, S, P, SEXP						
		43-58	CL, WABK	FR, SS, SP, SEXP						
3	HEAD 5%	0-45	COLLUVIAL/FILL?		BURIED A @ 21" +36" 45"+ X/B MATRIX 2.5Y 6/6'S 45"+	56"	NA	NA	U	2"
		45-56	C, ABK	FR, S, P, SEXP						
4	TOP OF HEAD 5%	0-12	COLLUVIAL/FILL MIXED		R/B MATRIX SAP INC THRU OUT	60"+	NA	NA	PS .3	2"
		12-45	C, ABK	FI, SP, SEXP						
		45-60	CL, WABK	FR, SS, SP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.275	0.275
Maximum Trench Depth	30IN	30IN

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bryant C. White
OTHER(S) PRESENT: _____

Comments: _____

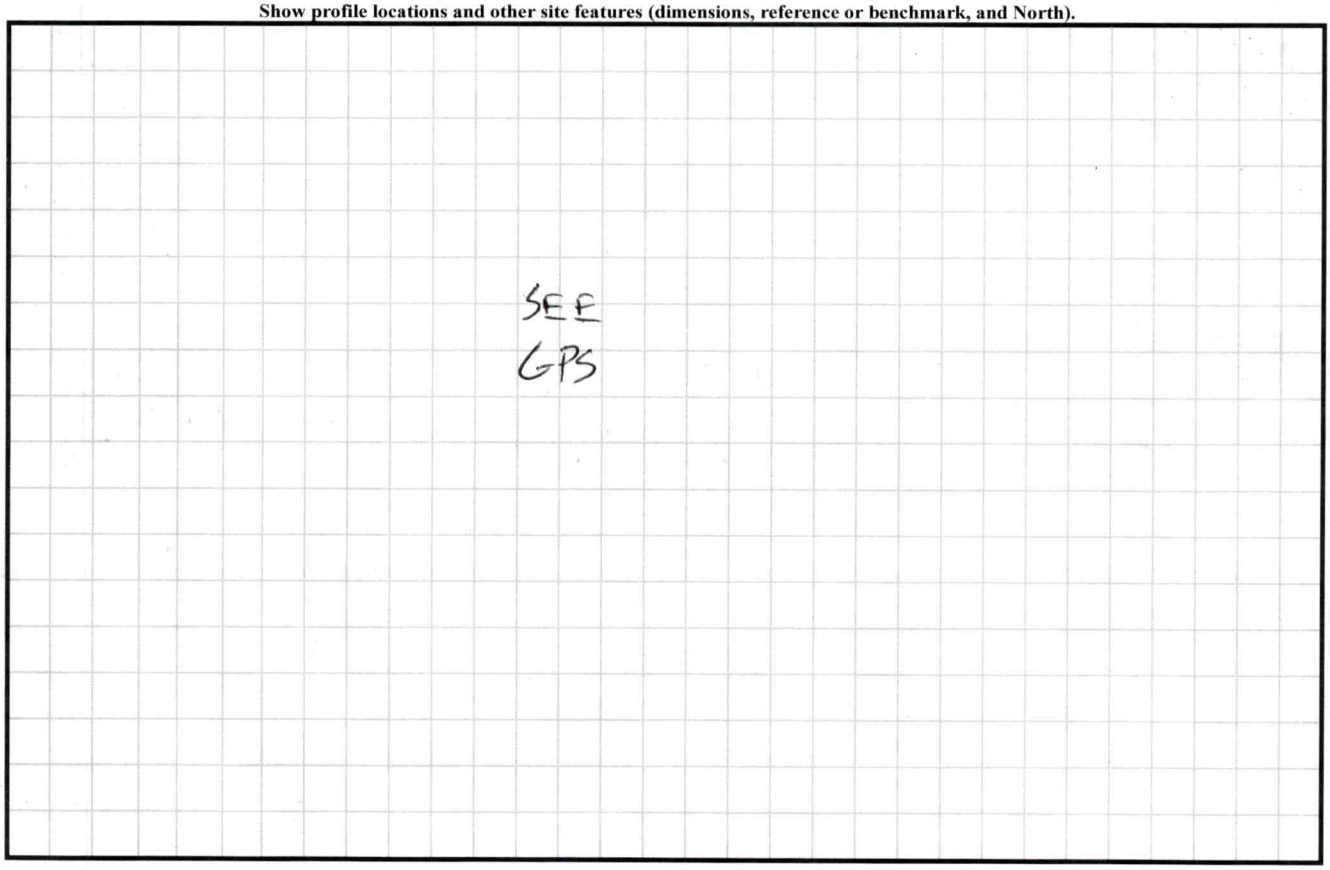
LEGEND

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).



SOIL/SITE EVALUATION

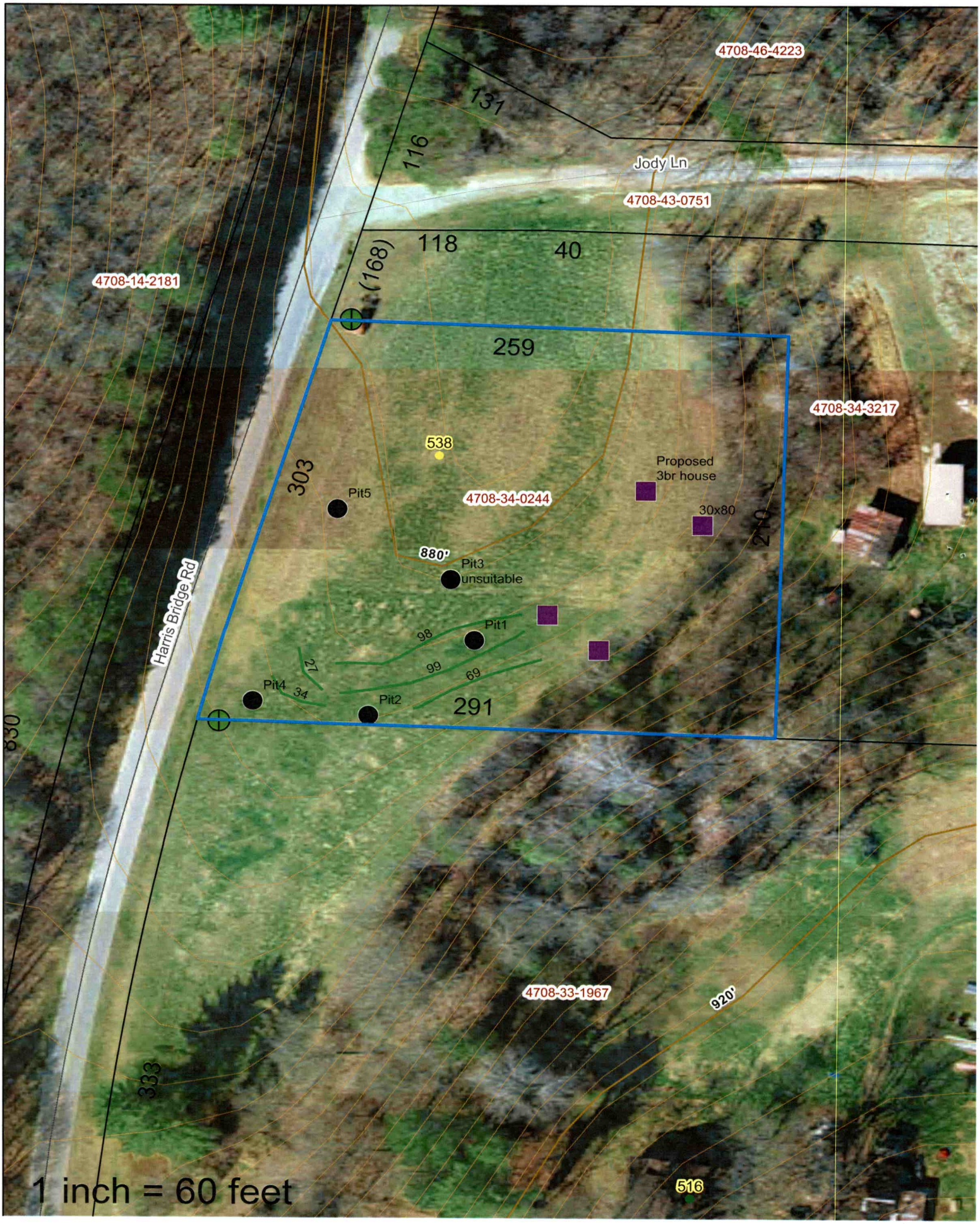
(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4708-34-0244
DATE OF EVALUATION: 7-2-2024
COUNTY: IREDELL

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	OTHER PROFILE FACTORS: .0506 SOIL DEPTH	OTHER PROFILE FACTORS: .0507 SAPRO CLASS	OTHER PROFILE FACTORS: .0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
5	FOOT 12%	0-8	SCL, SBK	FR, SS, SP, SEXP	R/B MATRIX SAP, INC THRU OUT FEW FI 40"+	56"+	NA	NA	S	
		8-36	C, ABK	FI, S, P, SEXP					.275	5"
		36-56	CL, WABK	FR, SS, SP, SEXP					LANDSCAPE	

COMMENTS:


4708-46-4223
131
116
Jody Ln
4708-43-0751
118
40
(168)
4708-14-2181
259
4708-34-3217
538
303
Proposed
3br house
Pit5
4708-34-0244
30x80
210
880'
Pit3
unsuitable
Harris Bridge Rd
98
Pit1
27
99
69
Pit4
34
Pit2
291
830
333
4708-33-1967
920'
516
1 inch = 60 feet

PERMIT SNAPSHOT REPORT OSWP-2024-55779 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	06/18/2024
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:**	White, Bryant	**Approval Expire Date:**	
Description:	New Modular Construction with New Well and Septic				

Parcel: 4708340244.000 Main	**Address:** 538 Harris Bridge Rd Stony Point, NC 28678 Main	**Zone:** RU-R(Rural Residential District)

Applicant/Authorized Agent
CLAYTON HOMES #72
2026 NORTHSIDE 2026 NORTHSIDE DR
STATESVILLE, NC 28677
Mobile: (704) 929-1552

Property Owner
JODY L PHARR

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	28x76 Home with standard two 6x6 decks at landings
What are the proposed structures	New Single-Family Residence - Modular	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	5	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct, Improvement Permit with Site Plan
Has this project been approved by TRC	No	Lot Acreage	1.427	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	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_ADAM_CASSTEVENS_6/18/2024.jpg	06/18/2024 9:49	CASSTEVENS, ADAM		Uploaded via CSS
Pharr Authorization_v1.pdf	06/19/2024 9:06	CASSTEVENS, ADAM	Available Online	
Pharr Floorplan_v1.pdf	06/19/2024 9:06	CASSTEVENS, ADAM	Available Online	
Pharr Site Plan_v1.pdf	06/19/2024 16:45	CASSTEVENS, ADAM	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-225549	Requested	OSWP Septic/Well Preliminary Site	06/24/2024	06/25/2024 0:00	06/25/2024 0:00		

PERMIT SNAPSHOT REPORT (OSWP-2024-55779)

Visit

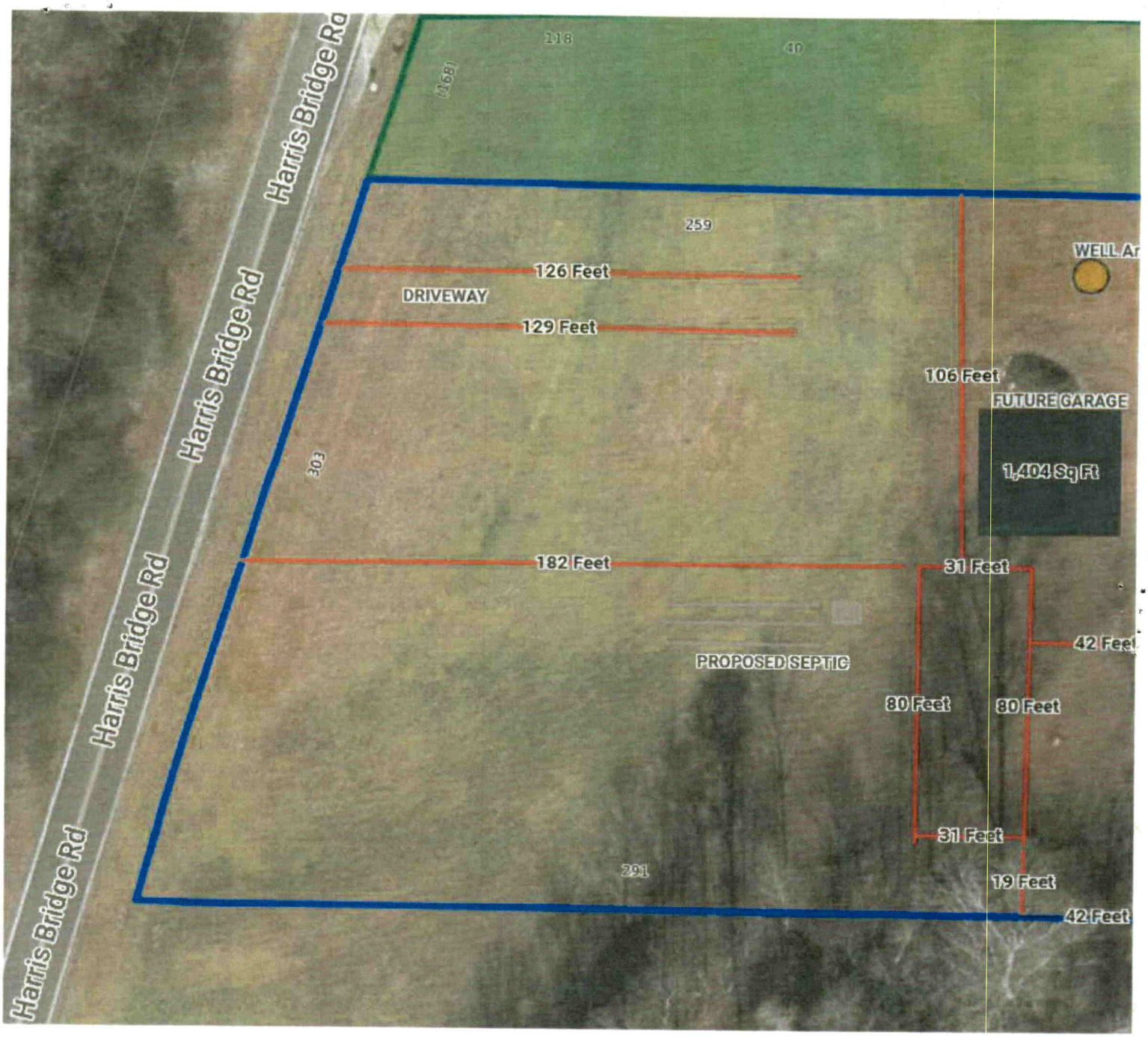
Inspectors: Hart, Ronda (Primary)

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. property corners and house box marked.	Peter Mravetz	06/24/2024 14:42

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00032365	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00032365	$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		06/19/2024 9:07	06/19/2024 9:07
Confirm application complete v.1	Generic Action		06/19/2024 9:07
Zoning Review v.1		06/19/2024 16:48	06/24/2024 8:06
~~Floodplain Admin Overview v.1~~	Task		06/19/2024 16:48
Iredell County Zoning Approval v.1	Task	06/19/2024 16:48	06/24/2024 8:06
Issue Invoice v.1	Generic Action		06/19/2024 16:48
Fees Paid v.1	Generic Action		06/21/2024 10:30
Fees v.1		06/19/2024 16:49	06/21/2024 10:30
Fees Paid v.1	Generic Action		06/21/2024 10:30
Issue Invoice v.1	Generic Action		06/19/2024 16:49
Lot Readiness Verification v.1		06/24/2024 14:42	
OSWP Septic Preliminary Site Visit v.1	Inspection	06/24/2024 14:42	06/24/2024 14:42
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		


Harris Bridge Rd
Harris Bridge Rd
Harris Bridge Rd
Harris Bridge Rd
118
40
168
259
WELL Ar
126 Feet
DRIVEWAY
129 Feet
106 Feet
FUTURE GARAGE
1,404 Sq Ft
303
182 Feet
31 Feet
42 Feet
PROPOSED SEPTIC
80 Feet
80 Feet
31 Feet
291
19 Feet
42 Feet