Manf-2025-83284

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BB

PERMIT ; OSWP - 2025-71401

PIN # 4860 -- 49 -- 1254

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

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

SITE ADDRESS: 121 BRANSON DRIVE, OLIN, N.C. 28660 PHONE: 704-929-1552 ALT. PHONE —

SITE DIRECTIONS: (N) ON 77, (R) ON 901, (R) ON TABOR, (R) ON CANFIELD, (L) ON BRANSON, LOT ON (L) SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: HEATH STEAD SECTION: — LOT # 29 LOT AREA: 0.75AC DESIGN FLOW: 360GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

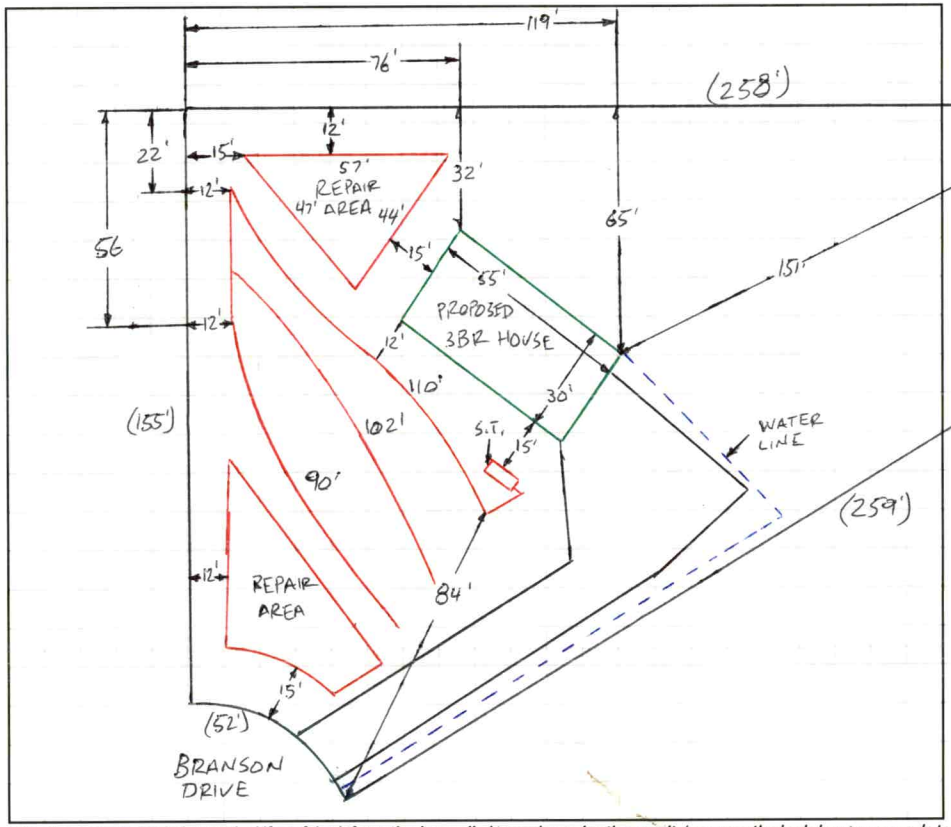
Septic Tank	1000	(gal)	STB	760	Date		☑ New System	☐ Repair	☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% REDUCTION			☐ Business	No. Persons	6	☐ Private
Pump Make	—	Model	—		Serial #	—	Repair System Description:	50% REDUCTION - VPPBPS			☐ Other	No. Employees	—	☑ Public
# Nitrification Fields	1	# Lines	3		Linear Ft	302FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width	36 IN	*Max. Trench Depth(Initial)	28 IN		*Max. Trench Depth(Repair)	28 IN	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

* 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 IN Usable Depth to LC (Repair): 48 IN *Limiting Condition*

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION.

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 = 50 FT
S.T. = SEPTIC TANK

See attached GIS from Inspection

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: 4-3-2025 OPERATION PERMIT by: Bryant B Date: 11/19/2025

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 4-3-2025 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 #: 4860-49-1254
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: CLAYTON HOMES STATESVILLE DATE EVALUATED: 3-26-2025
ADDRESS: 2026 NORTHSIDE DRIVE, STATESVILLE, N.C 28625
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: 0.75 AC
LOCATION OF SITE: 121, BRANSON DRIVE, OLIN, N.C. 28660 PROPERTY RECORDED: YES
WATER SUPPLY: ✓ Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50 FT
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	LINEAR SIDE 12%	0-6	SCL, SBK	FR, SS, SP, SEXP	R/B MATRIX Y/B SAP INC COMMON THRUOUT	44"	PS II SL	NA	PS .3 48" of USABLE	5"
		6-25	C, ABK	FR, S, P, SEXP						
		25-44	CL, WABK	FR, SS, SP, SEXP						
		44-50	SAP, MAS	FR, NS, NP, SEXP						
2	LINEAR SIDE 8%	0-8	FILL	MIXED	R/B MATRIX SAP INC COMMON 30"+	52"+	NA	NA	PS .3	3"
		8-32	C, SBK	FR, S, P, SEXP						
		32-52	CL, WABK	FR, SS, SP, SEXP						
3	LINEAR SIDE 10%	0-10	FILL	MIXED	R/B, MATRIX SAP INC COMMON 32"	48"+	NA	NA	PS .3	4"
		10-33	C, SBK	FR, S, P, SEXP						
		33-48	CL, WABK	FI, SS, SP, SEXP						
4	LINEAR SIDE 9%	0-5	FILL	MIXED	R/B MATRIX SAP INC COMMON 30"+	51"+	NA	NA	PS .3	4.5"
		5-28	C, SBK	FR, S, P, SEXP						
		28-51	CL, ABK	FR, SS, SP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.3	0.3
Maximum Trench Depth	30 IN	30 IN

SITE CLASSIFICATION (.0509): ~~BLUE~~ PS
EVALUATED BY: Brittany Little
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

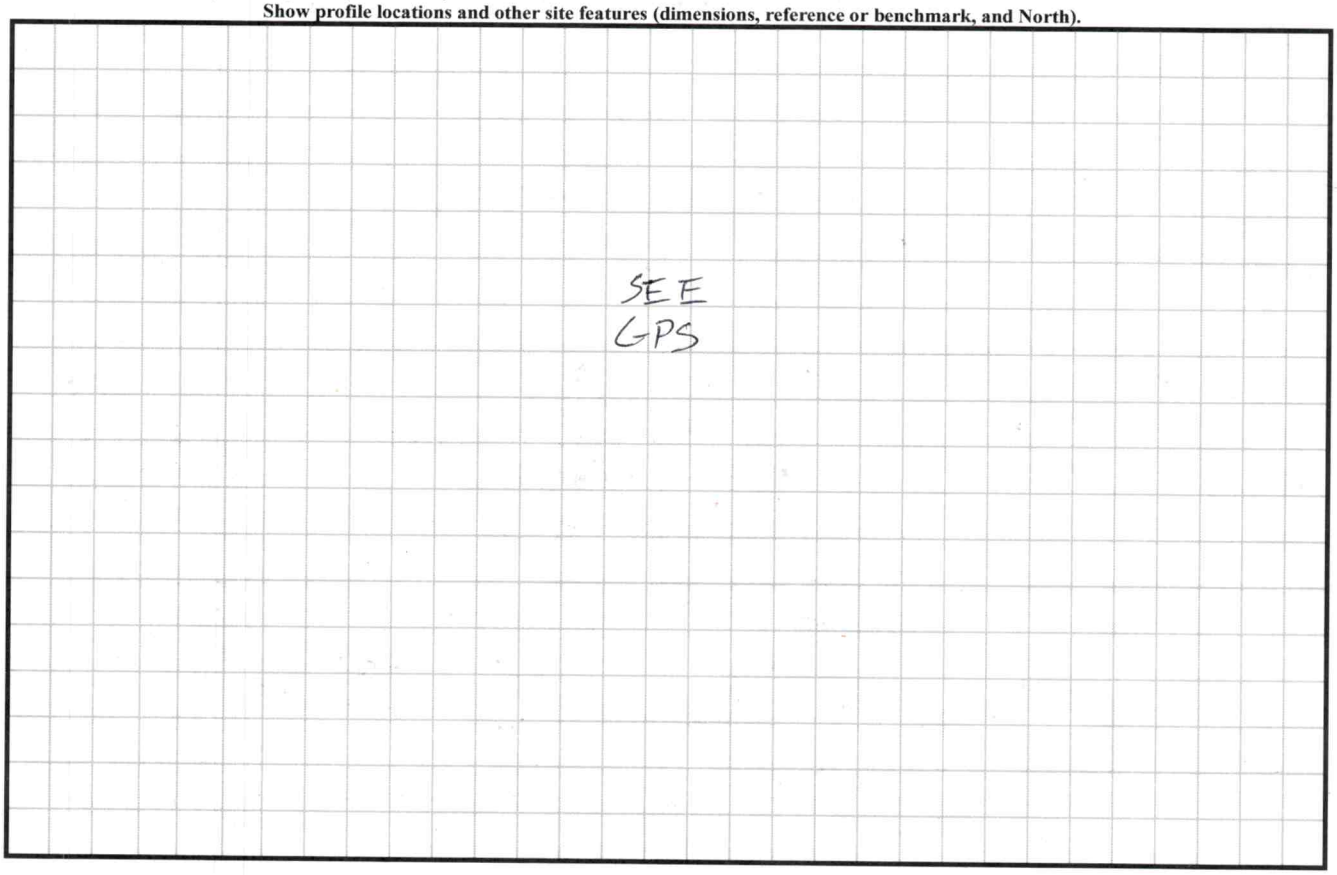
RESTRICTIVE HORIZON Thickness and depth from land surface

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).




4860-39-9566
4860-49-3577
111
4860-49-1593
176
130
180
56
Branson Dr
116
4860-39-9444
52
4860-49-3464
117
4860-49-1470
30
PB32-141
920'
155
4860-39-9209
Fence Post
Drain line
Fence Post
121
4860-49-1254
4860-49-3257
122
259
29
35
258
4860-49-0118
28
920'
366
52
113
4860-49-5
4860-28-1649
1 inch = 50 feet

PERMIT SNAPSHOT REPORT OSWP-2025-71401 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/05/2025
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:	Conventional 25% reduction system				

Parcel: 4860491254.000 Main	**Address:** 121 Branson Dr Olin, NC 28660 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
WHITE WOLF PROPERTIES II 2400 RAMBLEWOOD LANE CHARLOTTE, NC 28210	CLAYTON HOMES #72 2026 NORTHSIDE 2026 NORTHSIDE DR STATESVILLE, NC 28677 Mobile: (704) 929-1552

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	Residential Single Family Manufactured DW Home 28x40 Front Deck 6x6 & Rear Deck 6x6
What are the proposed structures	Manufactured Home, New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	Front Deck 6x6 & Rear Deck 6x6	Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Other
If other septic system type, please explain	25% Reduction	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
Lot Acreage	0.75	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	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	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_ADAM_CASSTEVENS_3/5/2025.jpg	03/05/2025 17:21	CASSTEVENS, ADAM		Uploaded via CSS
Powell Deed_v1.pdf	03/06/2025 8:06	CASSTEVENS, ADAM	Available Online	
Powell floor plan_v1.pdf	03/06/2025 8:06	CASSTEVENS, ADAM	Available Online	
Powell Perk Test_v1.pdf	03/06/2025 8:06	CASSTEVENS, ADAM	Available Online	
Powell Survey_v1.pdf	03/06/2025 8:06	CASSTEVENS, ADAM	Available Online	
Powell Site Plan_v1.pdf	03/06/2025 8:21	CASSTEVENS, ADAM	Available Online	
121 BRANSON DR AUTHORIZE AN OWNER.pdf	03/06/2025 10:08	COMEAUX, DEBRA	Available Online	AUTHORIZE AN OWNER

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-290931	Requested	OSWP Septic/Well Preliminary Site Visit	03/18/2025	03/19/2025 0:00	03/19/2025 0:00		

Inspectors: COMEAUX, DEBRA (Primary)

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

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00041930	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00041930	$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		03/06/2025 8:06	03/06/2025 8:06
Confirm application complete v.1	Generic Action		03/06/2025 8:06
Zoning Review v.1		03/06/2025 8:27	03/18/2025 8:06
~~Floodplain Admin Overview v.1~~	Task		03/06/2025 8:27
Iredell County Zoning Approval v.1	Task	03/06/2025 8:27	03/06/2025 8:27
Issue Invoice v.1	Generic Action		03/06/2025 8:27
Fees Paid v.1	Generic Action		03/18/2025 8:06
Fees v.1		03/18/2025 8:06	03/18/2025 8:06

PERMIT SNAPSHOT REPORT (OSWP-2025-71401)

Issue Invoice v.1	Generic Action		03/18/2025 8:06
Fees Paid v.1	Generic Action		03/18/2025 8:06
Lot Readiness Verification v.1		03/18/2025 14:11	
OSWP Septic Preliminary Site Visit v.1	Inspection	03/18/2025 14:11	03/18/2025 14:11
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		

Iredell County, North Carolina : MapGeo

Tax Map

121 branson

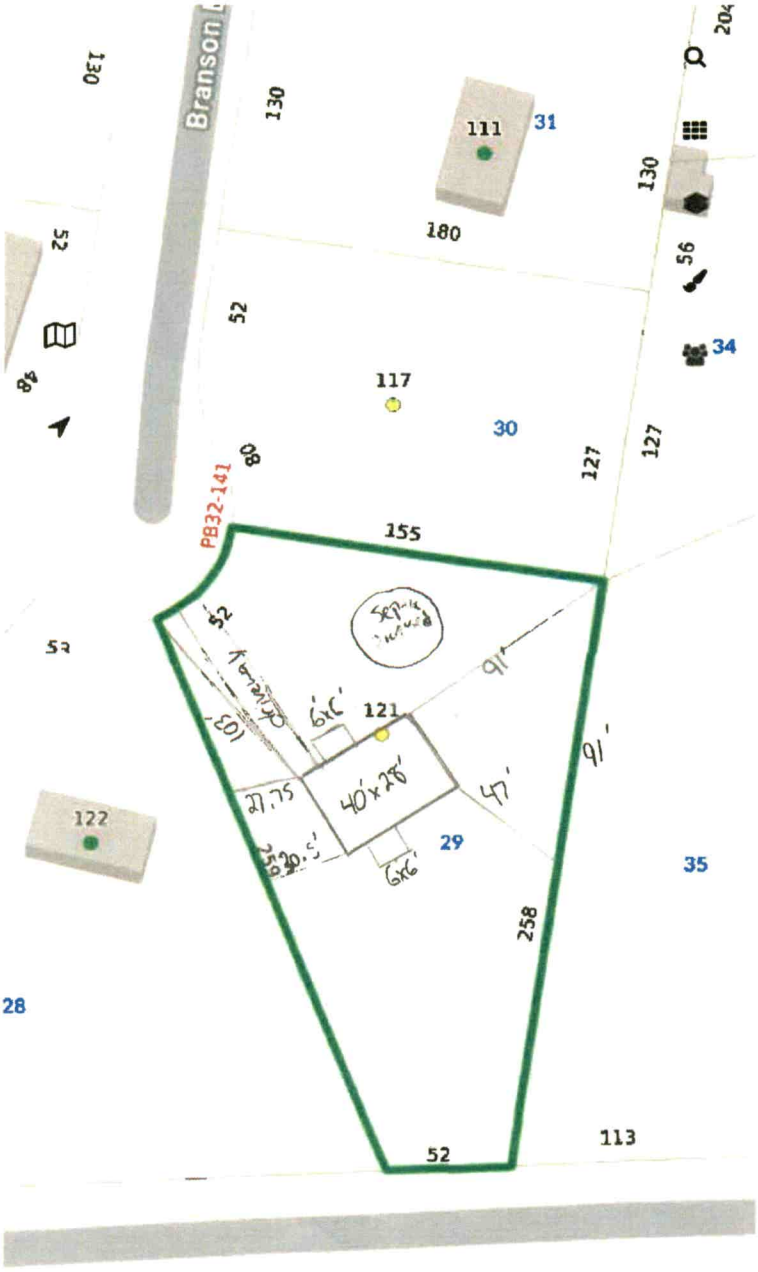
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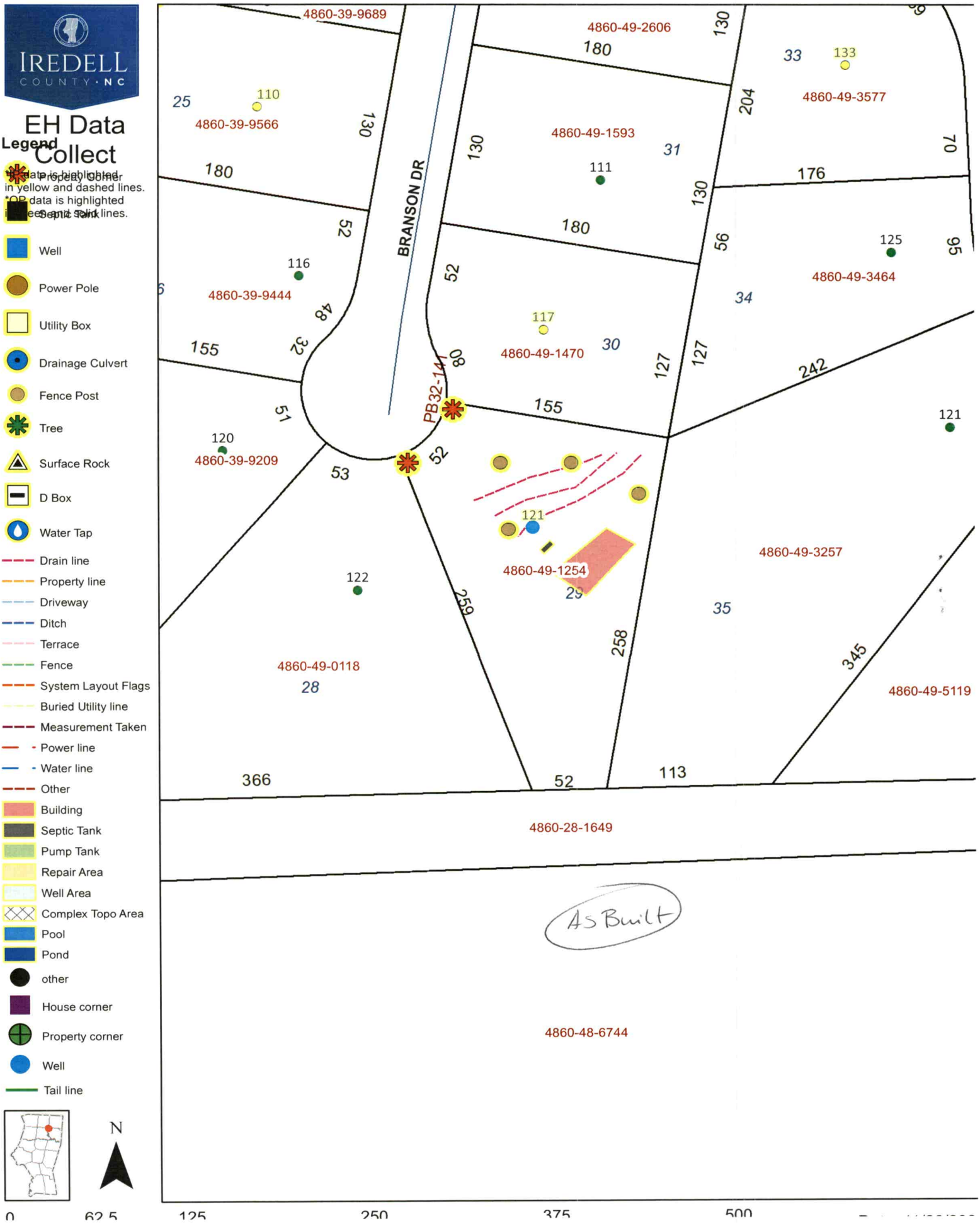
4860491254.000
121 BRANSON DR
WHITE WOLF PROPERTIES INC



Back Left to marker: 47'
Marker to corner: 91'
Front Left to corner: 91'
Front Right to corner: 103'
Front Right to side marker: 27.75'
Back Right to side marker: 30.5'

(h

(https://www.google.com/maps/@35.960343,-80.81049,19z?hl=en-US) (https://mapgeo.io) 35.960343,-80.81049


IREDELL COUNTY · NC
EH Data Collect
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
D Box
Water Tap
Drain line
Property line
Driveway
Ditch
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Power line
Water line
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
4860-39-9689
4860-49-2606
4860-49-3577
4860-39-9566
4860-49-1593
4860-39-9444
4860-49-1470
4860-49-3464
4860-39-9209
4860-49-1254
4860-49-3257
4860-49-0118
4860-49-5119
4860-28-1649
4860-48-6744
BRANSON DR
PB32-141
110
111
116
117
120
121
122
125
133
As Built
N
0
62.5
125
250
375
500