ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT #OSWP-2024-54119

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

PIN # 4711 --33 --0767

APPLICANT/OWNER: Byron Bausch Construction APPLICANT ADDRESS: 321 Palmer Circle Rockwell, NC 28138

SITE ADDRESS: 209 N Harbor Watch Drive Statesville, NC 28677 PHONE: 704-202-4719 ALT. PHONE —

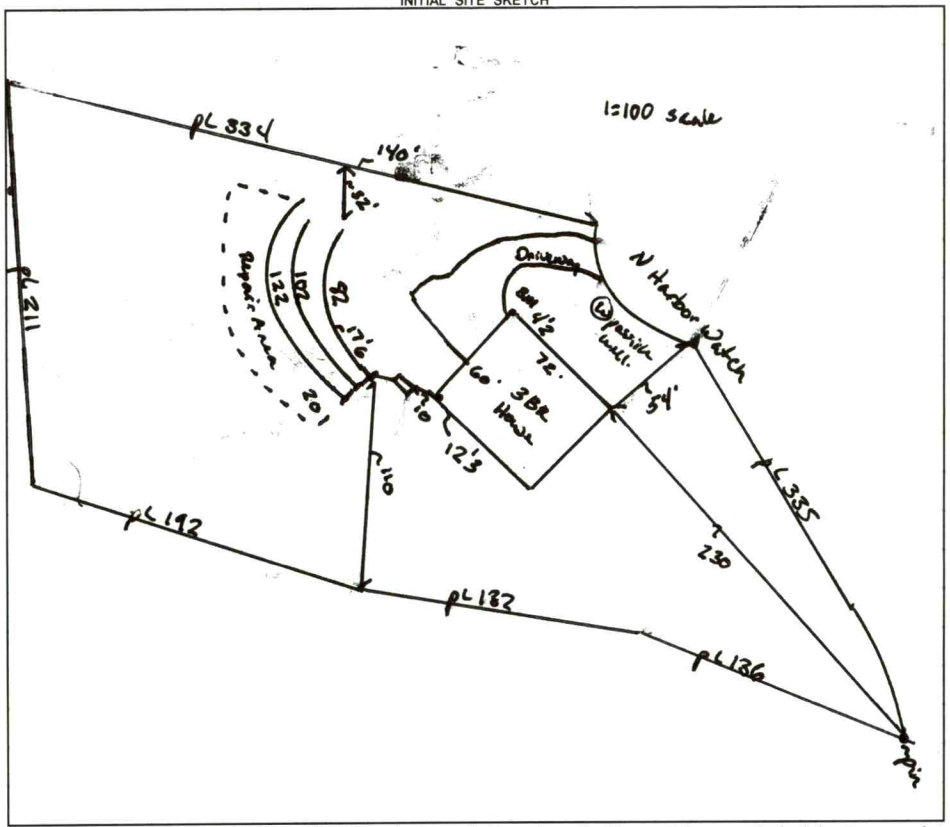
SITE DIRECTIONS: Buffalo Shoals @ Laurel Cove @ Harborgate E End in Cul de Sac SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Harbor Watch SECTION: 4 LOT # 166 LOT AREA: 2.01 AC DESIGN FLOW: 360 L.T.A.R.: .30

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:	Gravity - 25% Reduction			☐ Business	No. Persons	6	☒ Private
Pump Make	-	Model		-	Serial #	-	Repair System Description:	Gravity - 25% Reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	3		Linear Ft	306	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36in	Trench Bottom Depth(Low side)		23in	Gravel Depth	-		☒ GRAVITY	☐ PRESSURE		☒ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: 10Ft basement accounted for Layout. Install Septic Drainlines on the Contour of the Land w/Max Serial distribution. Do not Drive, park, pass grade or bury utilities in Drainfield Areas.

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: Date: Installed by: Craig Thompson

IMPROVEMENT PERMIT by: Benjamin A. Bobb Date: 6/17/2024 OPERATION PERMIT by: Bradley Moe Date: 4/25/25

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Bobb Date: 6/17/2024 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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-54119 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	05/22/2024
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:**	Botkins, Ben	**Approval Expire Date:**	

Description: Perk test and septic permit for a 3 bedroom house

Parcel: 4711330767.000 Main	**Address:** 209 N Harbor Watch Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
BYRON BRUSH
CONSTRUCTION
321 PALMER CIRLCE
ROCKWELL, NC 28138
Business: (704) 202-4719

Property Owner
TERRANCE L+DIANE L
CLARKE

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	Yes	All proposed structure dimensions	71 feet wide by 60 feet deep
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
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	2.01	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	WSIV CA CATAWBA/LAKE NORMAN				

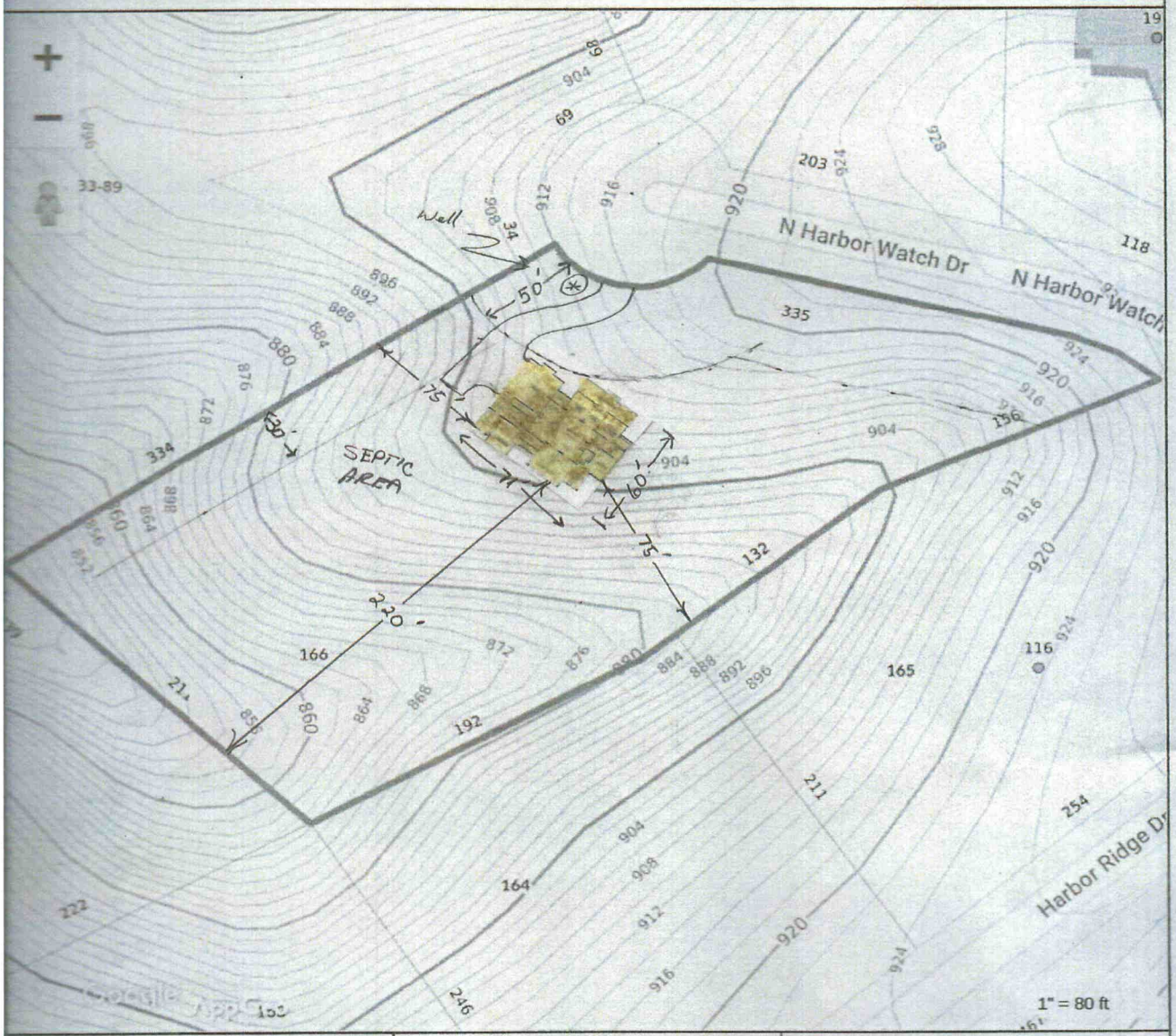
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Byron_Brush_5/22/2024.jpg	05/22/2024 19:51	Brush, Byron		Uploaded via CSS
Terry Clark Authorization to act_v1.pdf	05/23/2024 9:18	Brush, Byron	Available Online	
terry clarke old septic layout_v1.pdf	05/23/2024 9:18	Brush, Byron	Available Online	
Terry Clarke wellseptic_v2.pdf	06/03/2024 15:53	Brush, Byron	Available Online	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00031724	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2024-54119)

Iredell Zoning Tech Fee		$2.25	$2.25
	Total for Invoice INV-00031724	$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		05/29/2024 12:57	05/29/2024 12:58
Confirm application complete v.1	Generic Action		05/29/2024 12:58
Zoning Review v.1		06/03/2024 15:56	
~~Floodplain Admin Overview v.1~~	Task		06/03/2024 15:56
Iredell County Zoning Approval v.1	Task	06/03/2024 15:56	
Issue Invoice v.1	Generic Action		06/03/2024 15:57
Fees Paid v.1	Generic Action		06/04/2024 8:04
Fees v.1		06/04/2024 8:04	06/04/2024 8:04
Fees Paid v.1	Generic Action		06/04/2024 8:04
Issue Invoice v.1	Generic Action		06/04/2024 8:04
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		



Tax Map Information

- PIN	4711330767.000
- Address	N HARBOR WATCH DR
- Account #	Acct 77425643
- Tax Owner	CLARKE TERRANCE L
- Mailing Address	9650 OSPREY LANDING DR
-	ORLANDO, FL 32832
- GIS Owner	CLARKE TERRANCE L+DIANE L
- Deed Info	1442 / 1239 - WD - 20030516
- Tax Acres	2.01 AC
- Lot #	166
- Description	HARBOR WATCH S4 PB30-55-58
- Zoning	RA
- Old Parcel #	
- Bldg Value	$0
- OBXF Value	$0
- Land Value	$68,000
- Total Value	$68,000
- Defer Value	$0
- Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY, NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

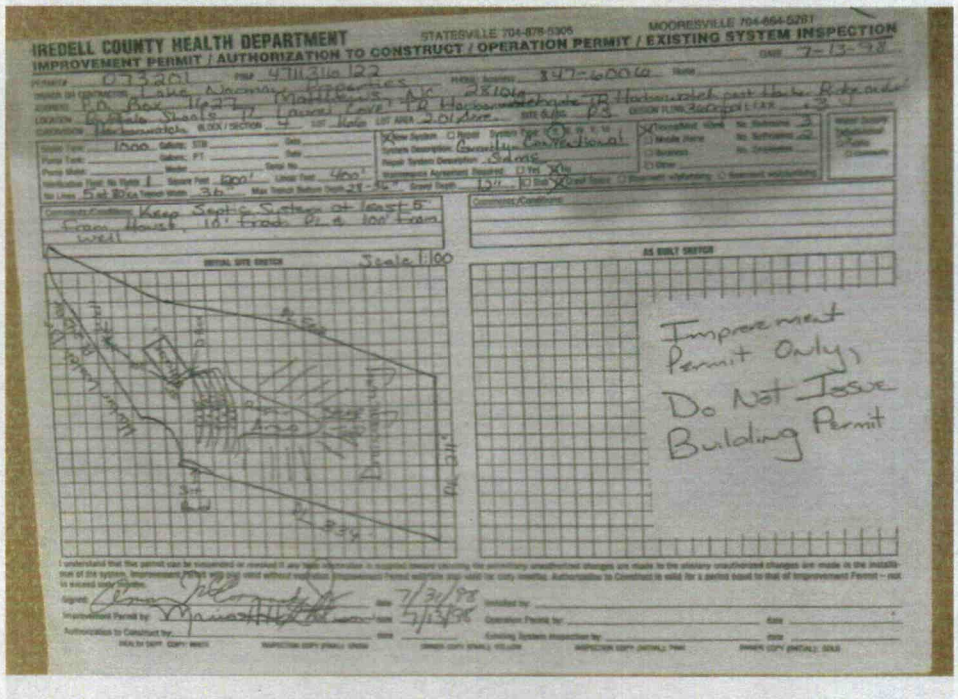
Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 11/15/2023
Data updated 11/14/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

7:38

Terry Clarke
12:03 PM, May 13

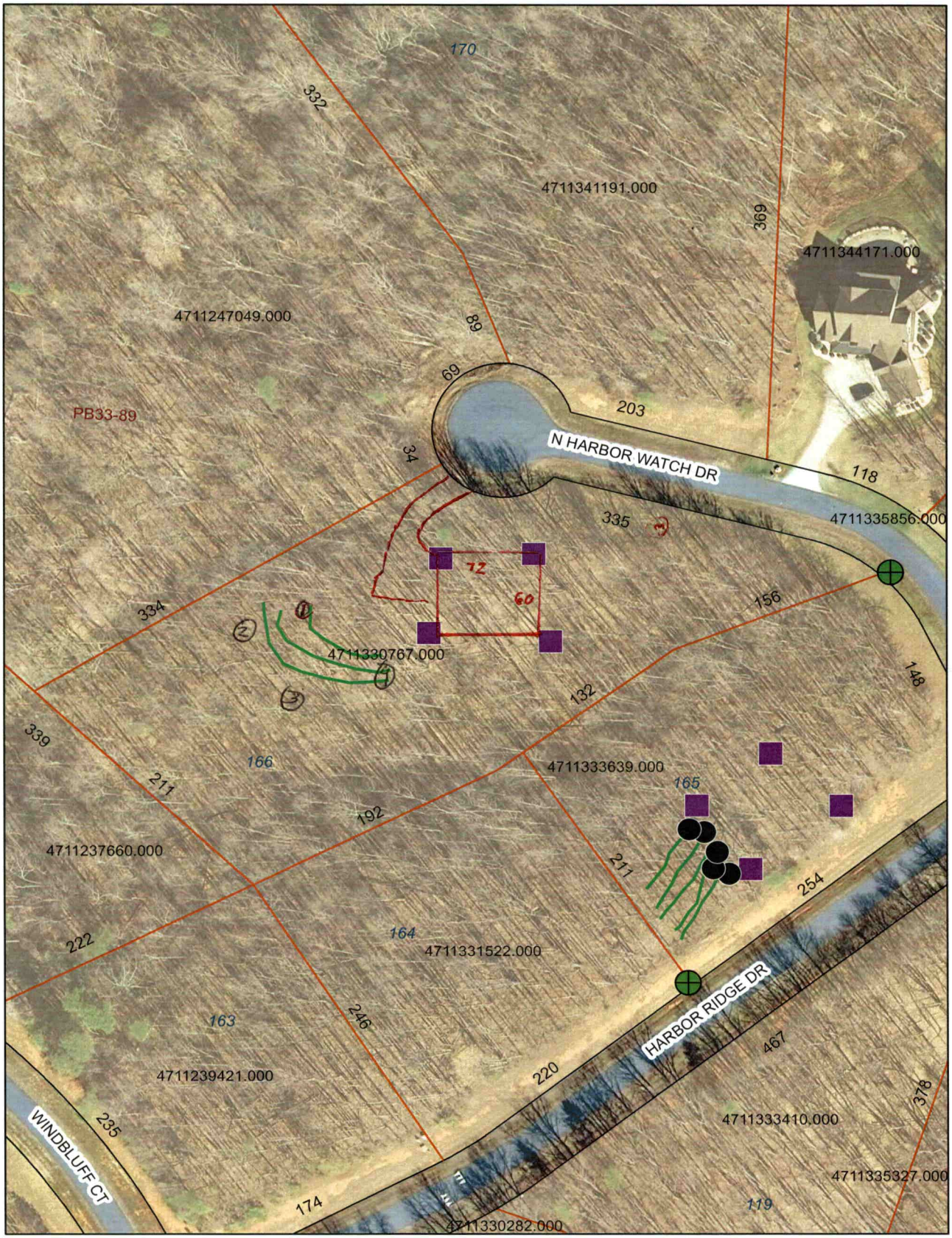


IREDELL COUNTY HEALTH DEPARTMENT
STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281
IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION
DATE 7-13-98
PERMIT # 073201 PIN# 4711316122 PHONE NUMBER 847-6006
OWNER OR CONTACT Lane Mcmanus Matthews
ADDRESS P.O. Box 1927 Lowell NC 28106
LOCATION Hebron Shoals Dr. Lowell Left on Hebron Rd. past Hebron Church Rd. Right on Hebron Shoals
SUBDIVISION Hebronwatch BLOCK / SECTION 4 LOT # Hebron LOT AREA 2.01 acres SITE SOILS PS DESIGN FLOW 360 GPD E.A.R. +3
WATER TYPE 1500 Gallons STR Date
PUMP TANK Gallons PT Date
PUMP MODEL Model Serial No.
INSTALLATION FLOW No. HOLES 1 SQUARE FEET 600' LINEAR FEET 480'
No. LINES 5 at 18" Trench Width 36" Max Trench Bottom Depth 24" - 36" Gravel Depth 12" ID Tag
New System Repair System Type Conventional
System Description Gravity Conventional
Repair System Description Status
Improvement Agreement Required Yes No
Conventional Initial No. Bedrooms 3
Manufactured Home No. Bedrooms 2
Business No. Employees
Other
Water Supply Individual Public Community
Comments/Conditions Keep Septic System at least 5' from House, 10' from Pt. & 100' from well
Comments/Conditions
INITIAL SITE SKETCH Scale 1:100
AS BUILT SKETCH
Improvement Permit Only, Do Not Issue Building Permit
I understand that this permit can be rescinded or revoked if any false information is supplied hereon including the preliminary unauthorized changes are made to the initially approved site and soil system, improvements [illegible] and valid without regard to expiration Permit shall be valid for sixty months. Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.
Signed: Date 7/31/98
Improvement Permit by: Date 7/13/98
Authorization to Construct by: Date
Installed by: Date
Operation Permit by: Date
Existing System Inspection by: Date

Future Home/Lot Owner had this in his files. It is practically the same home location + Layout I am Proposing. Can this work EXPidite this Process?

Save Share

Byron Boyd


170
332
4711341191.000
369
4711344171.000
4711247049.000
89
69
PB33-89
203
N HARBOR WATCH DR
118
34
335
4711335856.000
72
60
334
156
4711330767.000
148
132
339
166
4711333639.000
165
211
192
4711237660.000
211
254
222
164
4711331522.000
HARBOR RIDGE DR
163
246
467
4711239421.000
220
378
WINDBLUFF CT
235
4711333410.000
4711335327.000
174
119
4711330282.000

1=100

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

PROPERTY ID #: 41711 33-0767
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Byron Byrd DATE EVALUATED: 6-17-2024
ADDRESS: 321 Palmerdale Rd Mooresville NC
PROPOSED FACILITY: 3BR Home PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 2.4 AC
LOCATION OF SITE: 209 N Hobe Watts PROPERTY RECORDED: Yes
WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 100
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	NOSE LSS 36in	0-31	C SBK	SS SP FR SEV	2.5YR 4/6	48 + 5 = 53	PS.	NA	PS .30 Common Citho	3ft
		31-48	CL WSBK	SS SP FR SEV						
		48-58	LSAP M	NS NP VFR						
2	NS LSS	0-28	C SBK	SS SP FR SEV	2.5YR 4/6	38+	PS.	NA	PS .30 Common Citho	
		28-38	CL WSBK	SS SP FR						
		38-54	LSAP M	NS NP VFR						
3	NS LSS	0-14	C SBK	SS SP FR SEV	2.5YR 4/6	36+	PS	NA	PS .30 Common Citho	
		14-36	CL WSBK	SS SP FR						
		36-56	LSAP M	NS NP VFR						
4	NS LSS	0-22	C SBK	SS SP FR SEV	2.5YR 4/6	32+	PS	NA	PS .30	
		22-32	CL WSBK	SS SP FR						
		32-50	LSAP M	NS NP VFR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	300	300
System Type(s)	III	III
Site LTAR	.30	.30
Maximum Trench Depth	36in	36in

SITE CLASSIFICATION (.0509): PS.
EVALUATED BY: Botens
OTHER(S) PRESENT: Byron Byrd

Comments:

Rudy 704-433-4741 Eric 336-686-1694.

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).

