MW C10 MANF-2024-58522

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-29001

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

PIN # 4873 -- 97 -- 9758

APPLICANT/OWNER: Aaron Simmons APPLICANT ADDRESS: 4838 Harmony Hwy, Hamptonville

SITE ADDRESS: 4838 Harmony Hwy, Hamptonville 27020 PHONE: 336-701-7290 ALT. PHONE -

SITE DIRECTIONS: 77 N - 21 N SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Beverly Williams SECTION: - LOT # 1 LOT AREA: 3 acres DESIGN FLOW: 600 gpd L.T.A.R.: 0.3I/0.275R

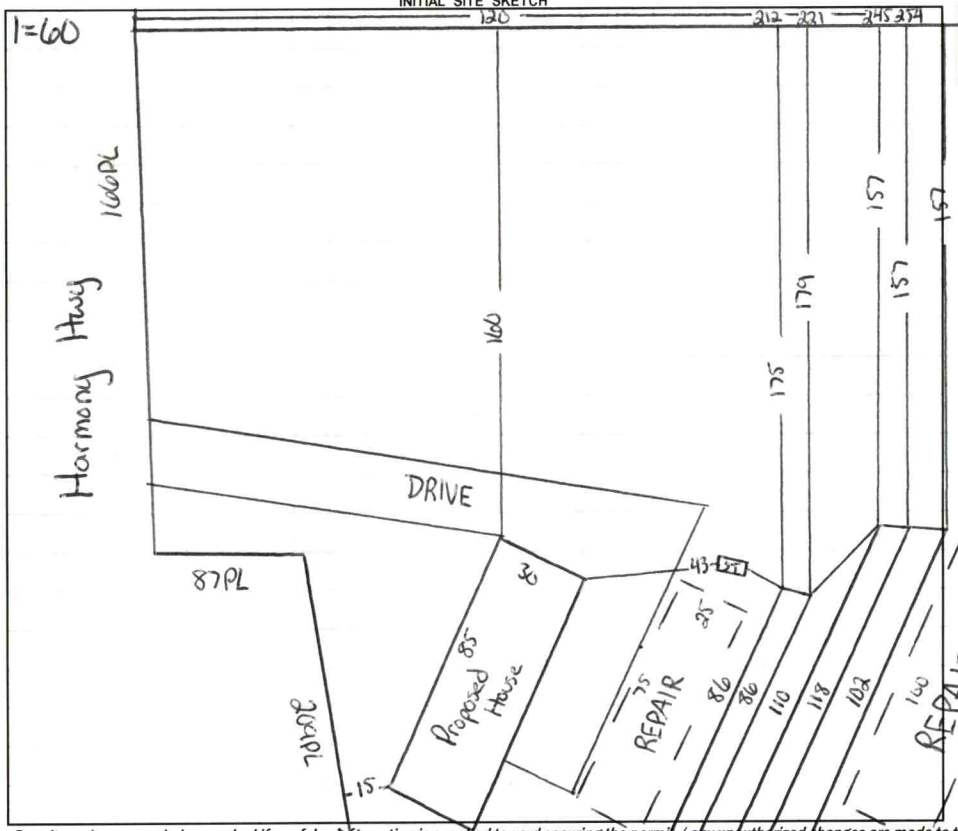
Septic Tank	1050 (gal)	STB	760	Date	-	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% reduction		
Pump Make		Model		Serial #		Repair System Description:	50% reduction		
# Nitrification Fields	1	# Lines	5	Linear Ft	500'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36 in	Trench Bottom Depth(Low side)	28 in	Gravel Depth	-		☒ GRAVITY	☐ PRESSURE	

☒ Residence	No. Bedrooms	5	Water Supply
☐ Business	No. Persons	10	☒ Private
☐ Other	No. Employees		☐ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install on contour with the land. Do not exceed 36in trench bottom. Do not grade, park, or drive on septic area.

* House must meet all zoning setbacks *

INITIAL SITE SKETCH

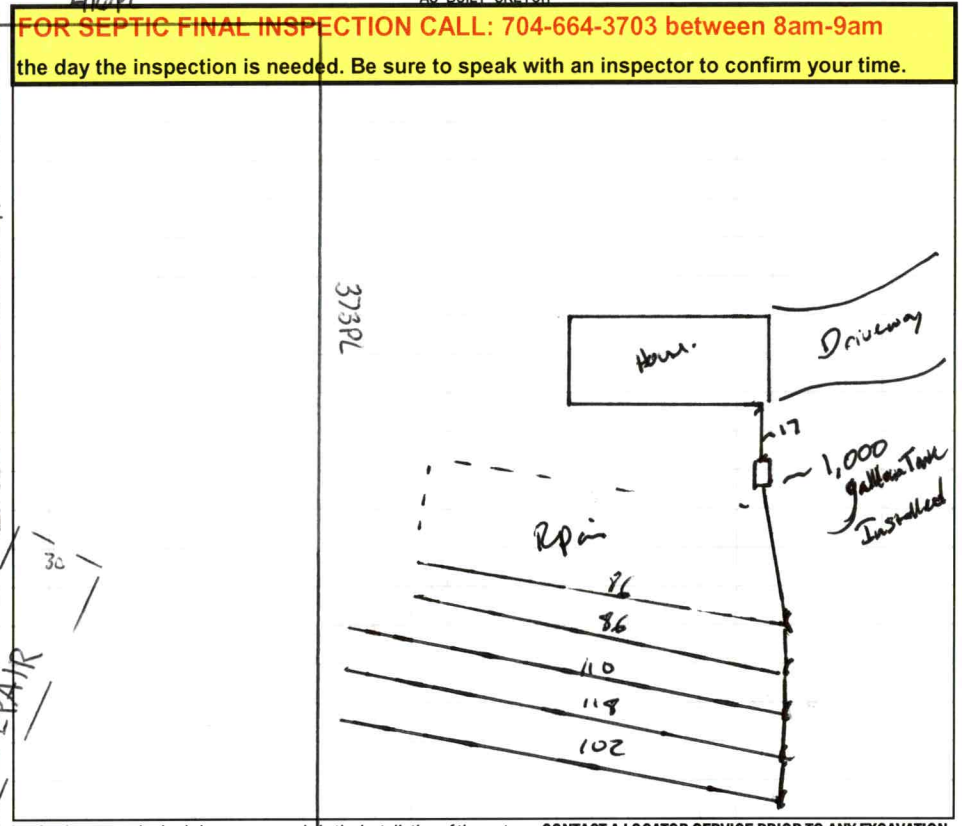


AS BUILT SKETCH

4W&PL

~~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: Frye Grading

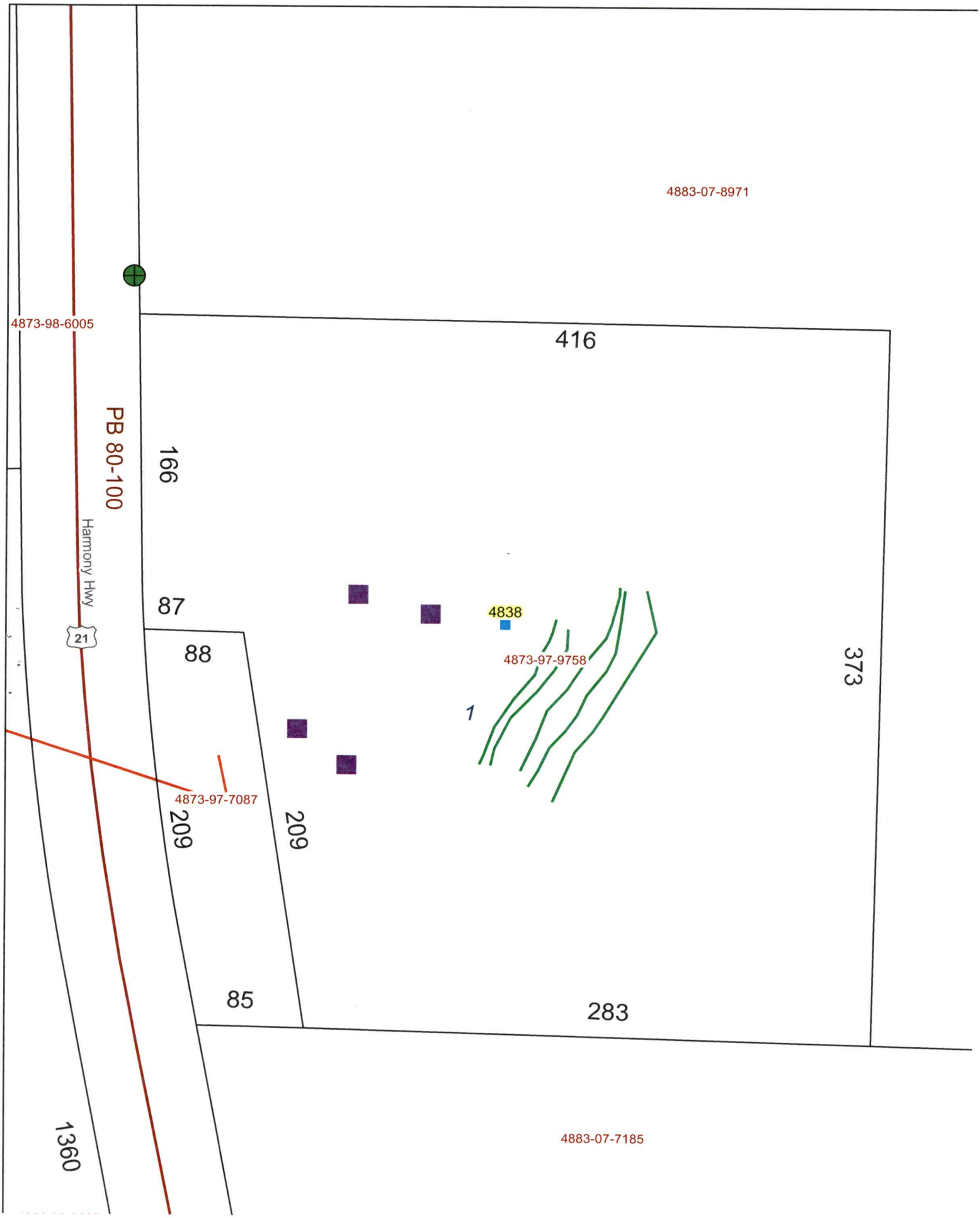
IMPROVEMENT PERMIT by: Cory Child Date: 7/26/23 OPERATION PERMIT by: Date: 11-7-2024

AUTHORIZATION TO CONSTRUCT by: Cory Child Date: 10/29/24 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? _____	


4883-07-8971
4873-98-6005
416
PB 80-100
166
Harmony Hwy
21
87
88
4838
4873-97-9758
373
1
4873-97-7087
209
209
85
283
1360
4883-07-7185

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

Sheet 1 of 1
PROPERTY ID #: 487391979758
COUNTY: Iredell

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

OWNER: Aaron Simmons
ADDRESS: 4838 Harmony Hwy
PROPOSED FACILITY: 5 bd/r home PROPOSED DESIGN FLOW (.1949): 600 gpd
LOCATION OF SITE: 4838 Harmony Hwy
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut

APPLICATION DATE 6/22/23
DATE EVALUATED: 7/25/23
PROPERTY SIZE: 3 acres
PROPERTY RECORDED: yes
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 12%	0 - 18	SCL SBK	SS SP FR SE	Yellow/Browns at 28"	48"	-	—	.275 PS
		18 - 37	C SBK	SS SP FR SE					
		37 - 48	CL SBK	SS SP FR SE					
2	Linear 15%	0 - 12	SCL SBK	SS SP FR SE	Yellow/Browns at 33"	49"	-	-	.275 PS
		12 - 32	C SBK	SS SP FR SE					
		32 - 49	CL SBK	SS SP FR SE					
3	Linear 13%	0 - 16	SCL SBK	SS SP FR SE	-	48"	-	-	.3 PS
		16 - 26	C SBK	SS SP FR SE					
		26 - 48	CL SBK	SS SP FR SE					
4	Linear 18%	0 - 30	C SBK	SS SP FR SE	-	48"	-	-	.3 PS
		30 - 48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Bradley Moore

COMMENTS:

Updated February 2014

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

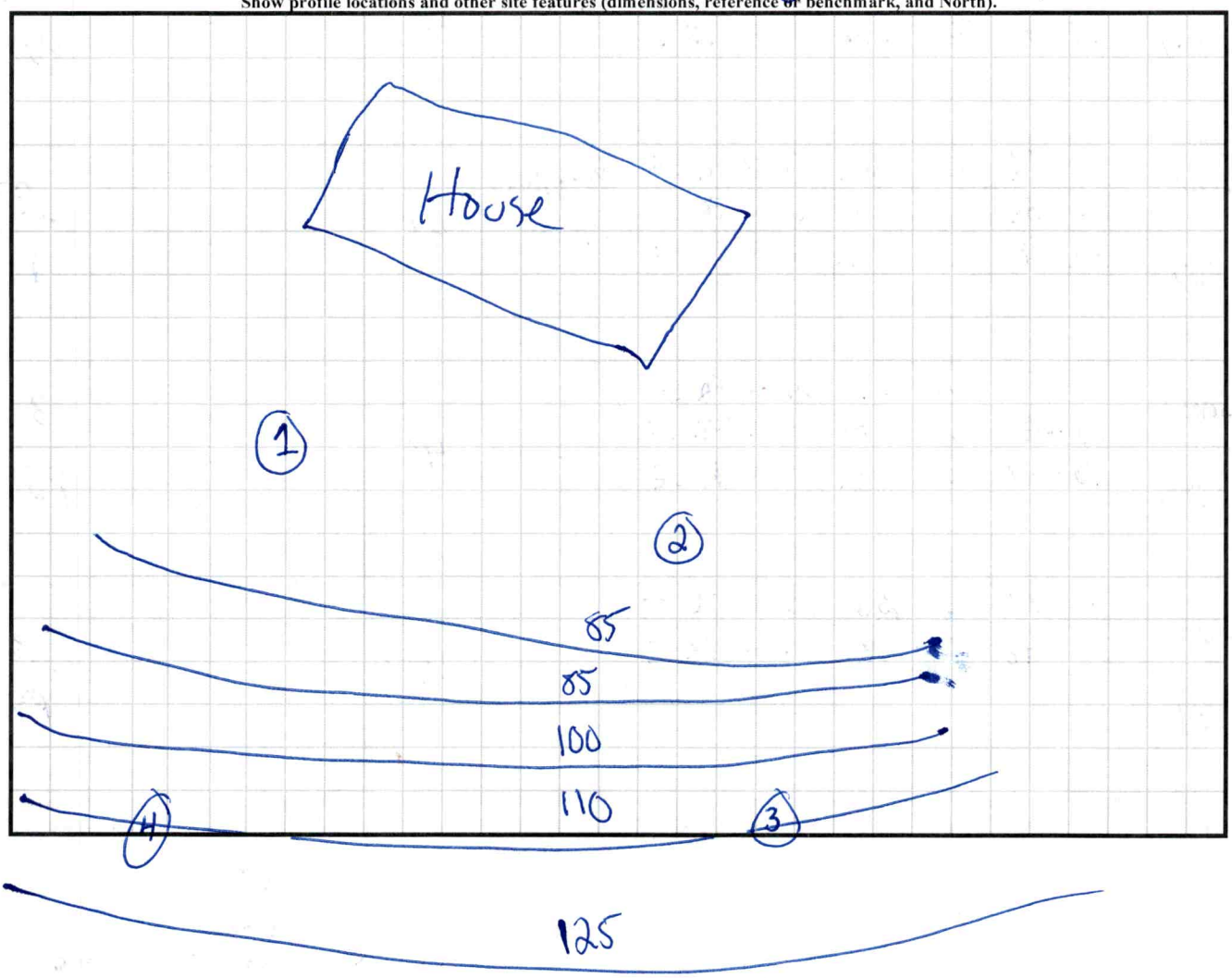
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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

Harmony Hwy

Show profile locations and other site features (dimensions, reference or benchmark, and North).



PERMIT SNAPSHOT REPORT OSWP-2023-29001 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: 06/22/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: IP/AC Pit test will be for a 5 bedroom double wide.

Parcel: 4883077990.000 Main
Address: 4838 Harmony Hwy Main
Hamptonville, NC 27020
Zone: RU-R(Rural Residential District)

Property Owner
BEVERLY WILLIAMS
102 RIVERVIEW
TOWNHOUSE DR
ADVANCE, NC 27006

Applicant/Authorized Agent
Aaron G Simmons
4838 Harmony Hwy
Hamptonville, NC 27020
Business: (336) 701-7290
Mobile: (336) 701-7290

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	32'x76'
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	5
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Additional Unique Setbacks Apply	No	Watershed	WSIII BOW HUNTING CREEK

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Aaron_Simmons_6/22/2023.jpg	06/22/2023 18:25	Simmons, Aaron		Uploaded via CSS
DOC TO AUTHORIZE_v1.pdf	06/23/2023 10:30	Nebel, Barbara	Available Online	Authorize to Act as Agent
house plan pdf_v1.pdf	06/27/2023 13:10	Bailey, Julia	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-115372	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	07/18/2023	07/18/2023 0:00	07/18/2023 0:00	07/18/2023 10:04	07/18/2023 10:04

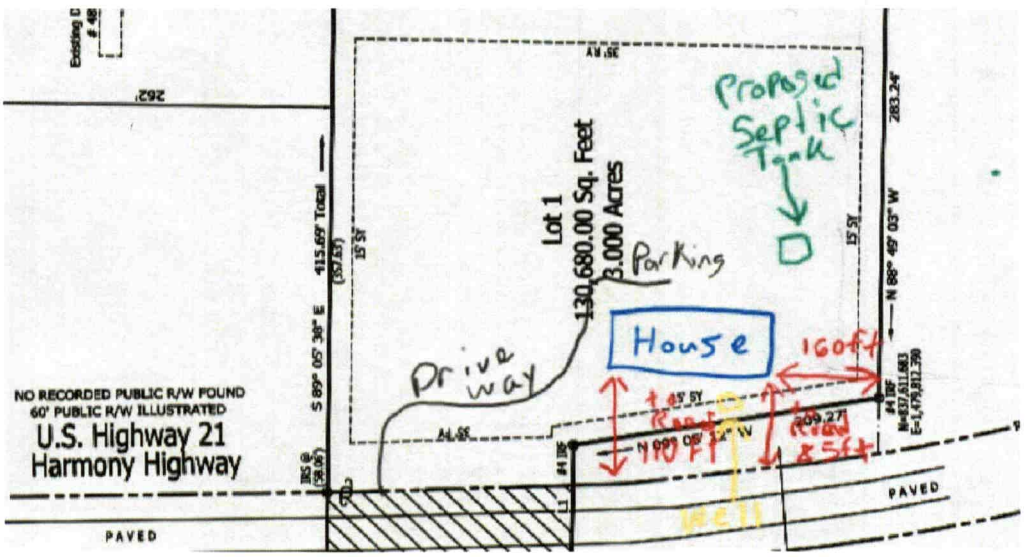
Inspectors: Bracken, Sarah (Primary)

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-00016493	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00016493	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

PERMIT SNAPSHOT REPORT (OSWP-2023-29001)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		06/23/2023 10:30	06/23/2023 10:30
Confirm application complete v.1	Generic Action		06/23/2023 10:30
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Heart Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
Fees v.1		06/27/2023 16:03	07/07/2023 15:39
Fees Paid v.1	Generic Action		07/07/2023 15:39
Issue Invoice v.1	Generic Action		06/27/2023 16:03
Lot Readiness Verification v.1		07/18/2023 10:04	
OSWP Septic Preliminary Site Visit v.1	Inspection	07/18/2023 10:04	07/18/2023 10:05
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		06/23/2023 10:30	07/07/2023 15:41
~~Floodplain Admin Overview v.1~~	Task		06/27/2023 13:10
Iredell County Zoning Approval v.1	Task	06/23/2023 10:30	07/07/2023 15:41
Issue Invoice v.1	Generic Action		06/27/2023 13:10
Fees Paid v.1	Generic Action		07/07/2023 15:39
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		


Proposed Septic Tank
Lot 1
130,680.00 Sq. Feet
3.000 Acres
Parking
House
Drive way
160ft
110 ft
Road
Right 25ft
well
NO RECORDED PUBLIC R/W FOUND
60' PUBLIC R/W ILLUSTRATED
U.S. Highway 21
Harmony Highway
PAVED
PAVED
262'
283.24'
N 88° 49' 03" W
S 89° 05' 38" E
415.69' Total
15' SY
15' SY
209.27'

