ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP 2023 40321

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

PIN # 4746 -- 24 -- 1634

APPLICANT/OWNER: Dustin Harmon | APPLICANT ADDRESS: 157 Hamptons Cove Rd Troutman NC 28166

SITE ADDRESS: 247 W Debbie Ln Statesville NC 28625 | PHONE: - | ALT. PHONE -

SITE DIRECTIONS: US 21 N → L Shumaker → L W Debbie Ln | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Harold G. Harmon Property | SECTION: - | LOT # 1 | LOT AREA: 2.048 AC | DESIGN FLOW: 480 | L.T.A.R.: 0.3

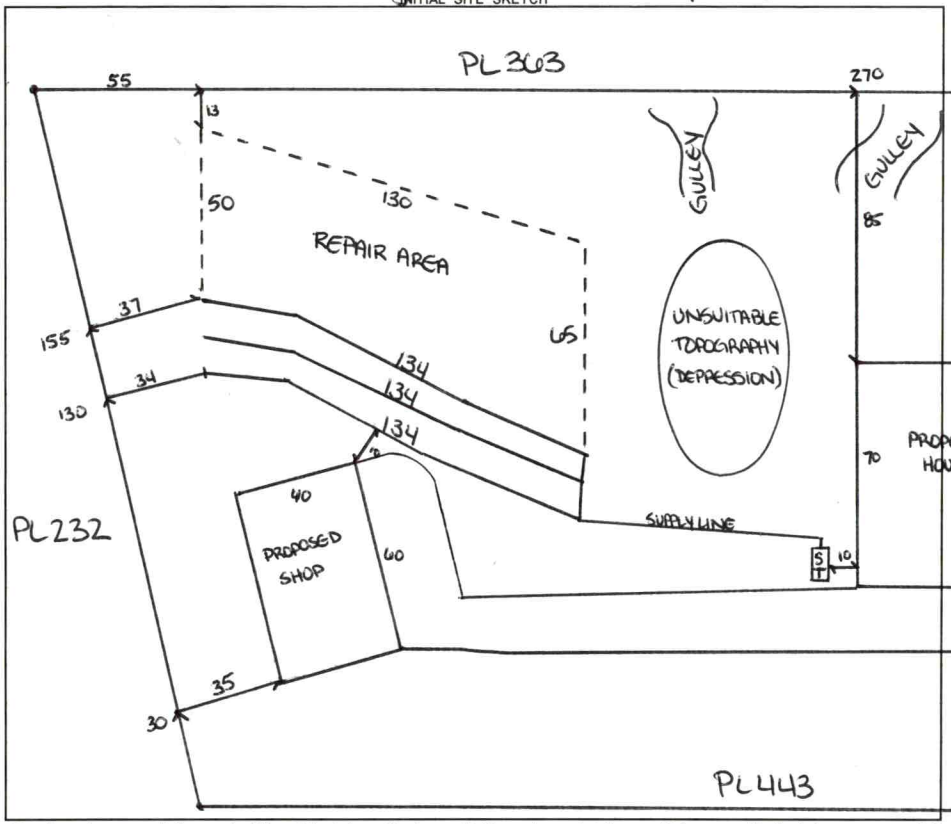
Septic Tank	1000	(gal)	STB 760	Date 10/20/23	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms	4
Pump Tank		(gal)	PT	Date	System Description:	Gravity 25% Reduction	[ ] Business	No. Persons	8
Pump Make		Model		Serial #	Repair System Description:	Gravity 25% Reduction	[ ] Other	No. Employees	-
# Nitrification Fields	1	# Lines	3	Linear Ft 400'	Maintenance Agreement Required:	[ ] YES [X] NO	[ ] Slab	[X] Crawl Space	
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth -	[X] GRAVITY	[ ] PRESSURE	[ ] Basement w/plumbing	[ ] Basement w/o plumbing	

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: Install on contour 9' on center. Do not drive, grade, pave, etc in septic area. Keep plumbing as shallow as possible or system will become pumped.

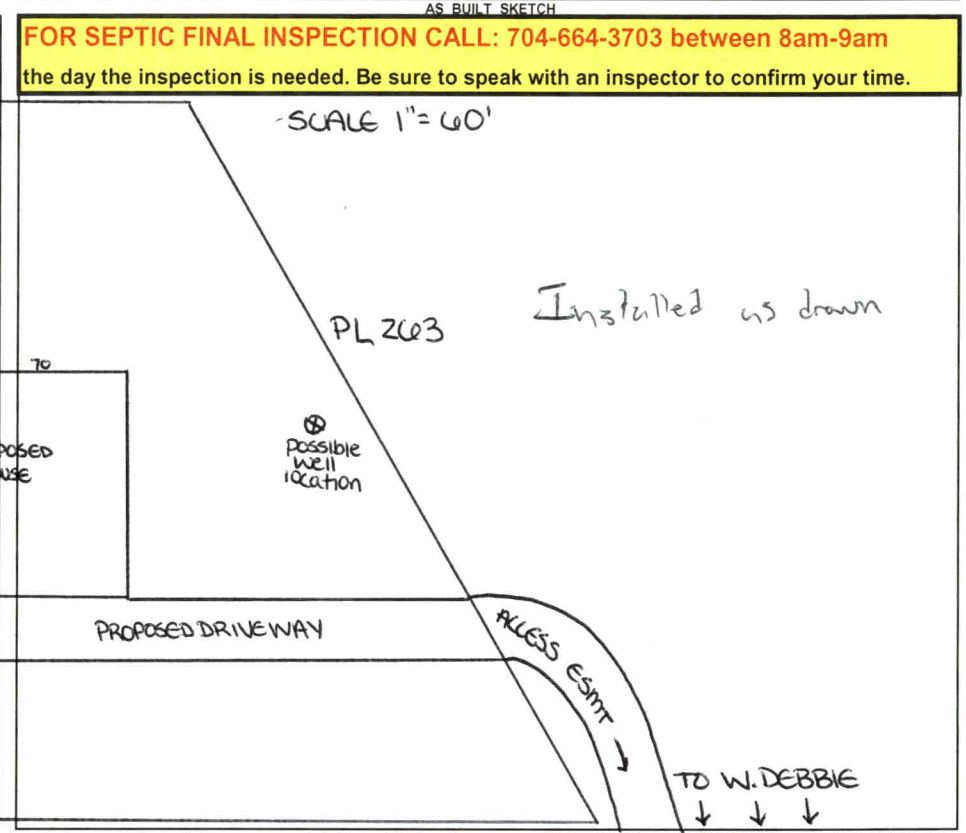
* MUST INSTALL 4BR SYSTEM *

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. [X] IMPROVEMENT PERMIT *with site plan* valid for 60 mos. [X] AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: ONLINE | Date: - | Installed by: Orbison

IMPROVEMENT PERMIT by: Sarah Williams | Date: 11/13/2023 | OPERATION PERMIT by: Matt Wicki | Date: 12/20/23

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 11/28/2023 | 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 #: —
COUNTY: IREDELL
4746-24-1634

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

OWNER: Dustin Harmon
ADDRESS: 151 Hampton's Cove Rd Troutman NC 28166
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 247 W Pebble Ln Statesville NC 28625
WATER SUPPLY: Private Public ~~Well~~ Spring Other —
EVALUATION METHOD: Auger Boring ~~Pit~~ Cut

APPLICATION DATE 10/31/23
DATE EVALUATED: 11/8/23
PROPERTY SIZE: ~2AC
PROPERTY RECORDED: Y
TYPE OF WASTEWATER: ~~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	LS ~10%	0-19	C ABK	SS SP SE FR	N/A	(54)		—	PS 0.3
		19-54	CL ABK	SS SP SE FR					
					Mica in CL 19-54 many SAP incl in CL 19-54				
2	LS ~10%	0-16	C ABK	SS SP SE FR	N/A	(57)		—	PS 0.3
		16-57	CL WABK	↓					
					Mica in CL 16-57 heavy SAP in CL 16-57				
3	LS ~10%	0-12	C ABK	SS SP SE FR	N/A	(32)		—	PS 0.3
		12-32	CL WABK	↓					
		32-~~70~~	LSAP M	NS NP SE VFR	some weathered rock/PM ~42" VAR LSAP 32-70				
4	LS ~10%	0-26	C ABK	SS SP SE FR	N/A	(55)		—	PS 0.3
		26-55	CL ABK	SS SP SE FR					
					many SAP incl in CL 26-55				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400'	400'
System Type(s)	G 25%	G 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.3
EVALUATED BY: S. Williams
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.

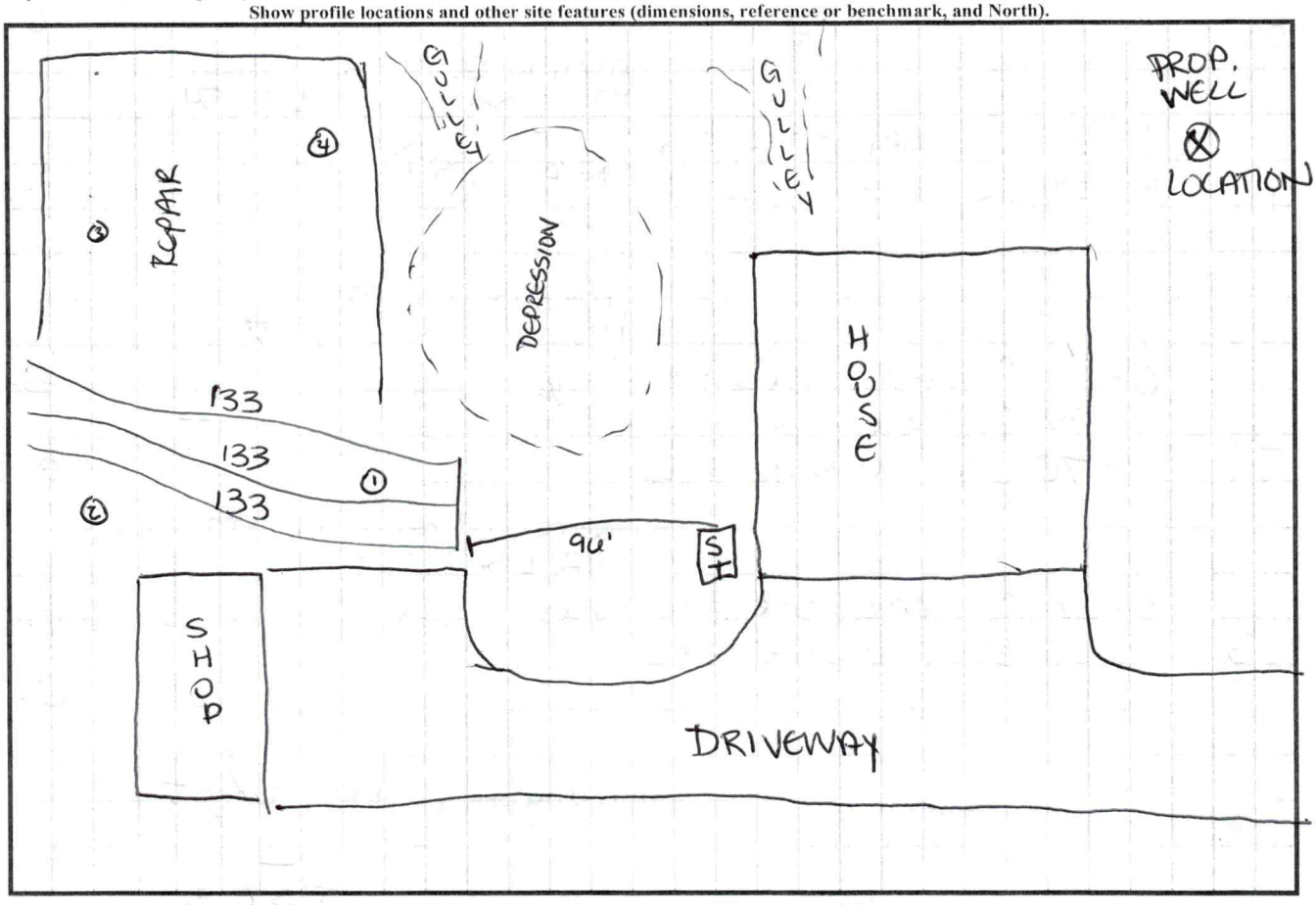
NOTES

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)

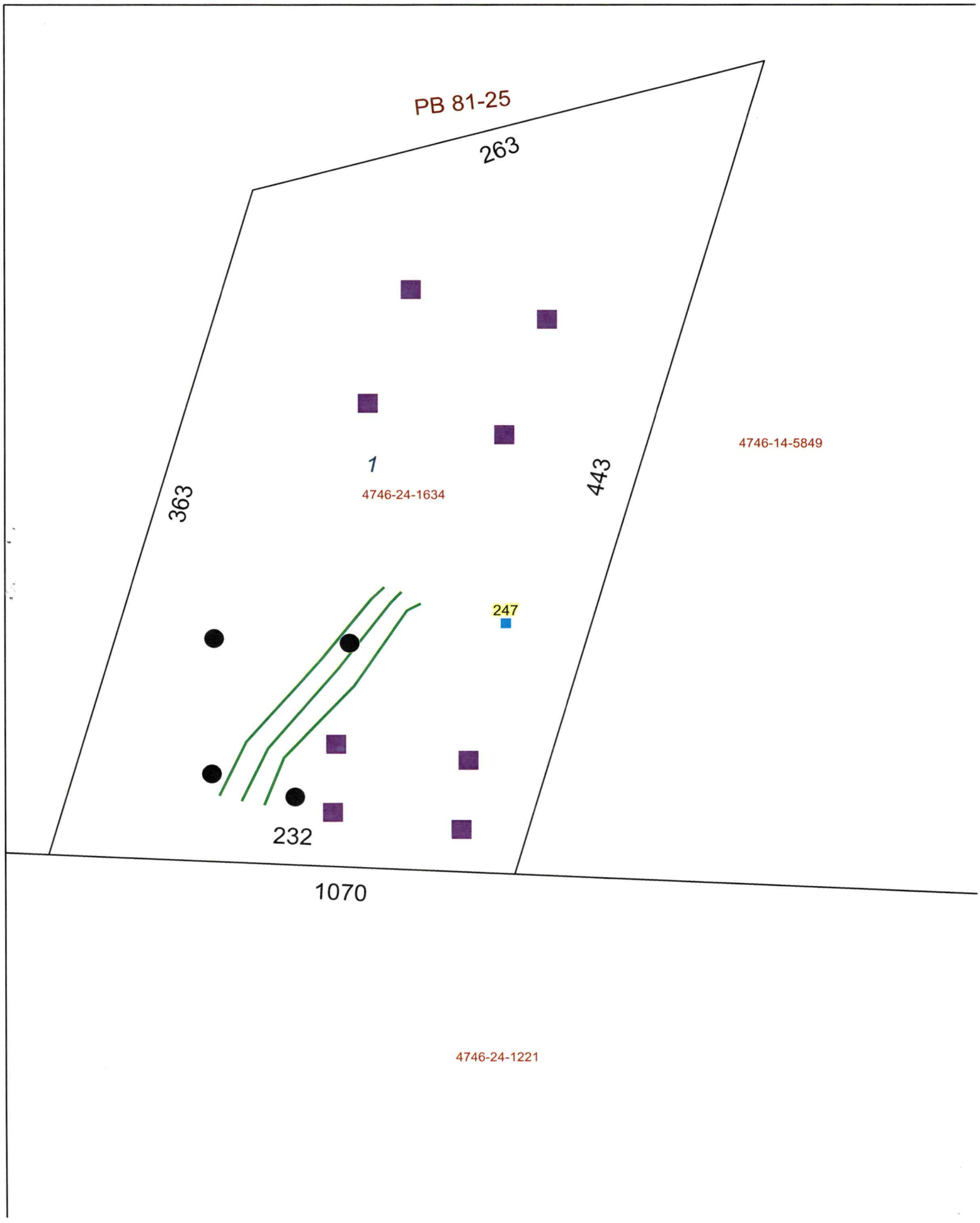
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



[19" fall from ST to line 1
only 12" needed]


PB 81-25
263
363
443
1
4746-24-1634
4746-14-5849
247
232
1070
4746-24-1221

PERMIT SNAPSHOT REPORT OSWP-2023-40321 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: Bracken, Sarah
App Date: 10/31/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: Easement is recorded pg8125 per Leslie* Construct new septic APPLYING FOR IP/AC 11/2 Site ready (end of cul-de-sac on rt between fence post, follow drive back in wooded area GM

Parcel: 4746241634.000 Main
Address: 247 W Debbie Ln Statesville, NC 28625 Main
Zone: R-20(Suburban Residential District)

Property Owner	Applicant/Authorized Agent
Dustin Harmon	Dustin Harmon
151 Hamptons Cove Rd	151 Hamptons Cove Rd
Troutman, NC 28166	Troutman, NC 28166

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	67'x65'
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	No Preference
Has this project been approved by TRC	No	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

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Dustin_Harmon_10/31/2023.jpg	10/31/2023 16:02	Harmon, Dustin		Uploaded via CSS
Authorize Owner Legal Representative Form_v1.pdf	10/31/2023 16:08	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
Proposed property layout plans_v1.pdf	11/01/2023 10:14	Kendrick, Brandi	Available Online	Site Plan
Proposed property layout plans_v2.pdf	11/01/2023 10:14	Kendrick, Brandi	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-158208	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/02/2023	11/02/2023 0:00	11/02/2023 0:00	11/02/2023 8:21	11/02/2023 8:21

Inspectors: McLeod, Grace (Primary)

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

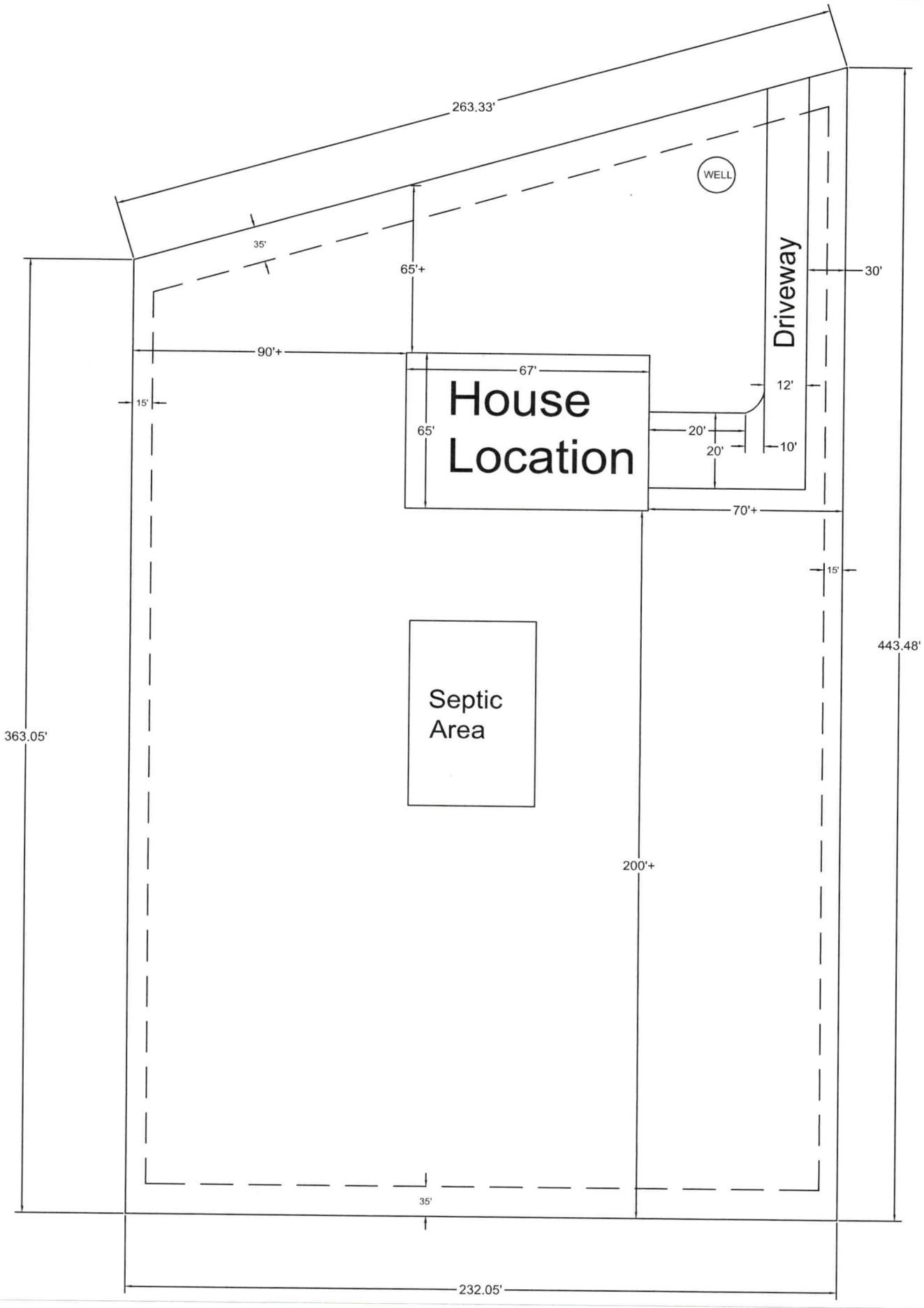
Note	Created By	Date and Time Created
1. 11/2 Site ready GM	Grace McLeod	11/02/2023 8:19

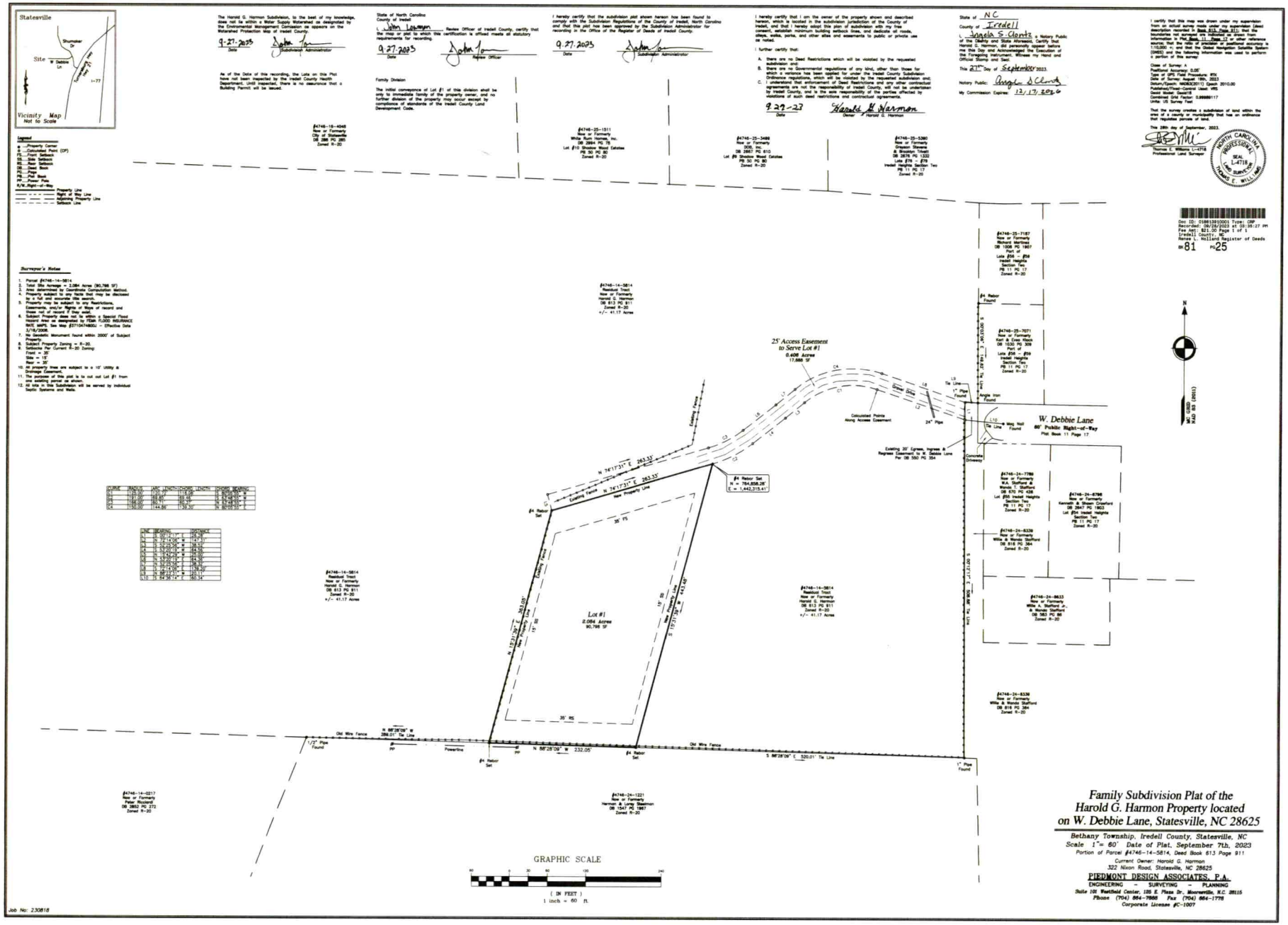
Invoice No.	Fee	Fee Amount	Amount Paid
INV-00022794	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00

PERMIT SNAPSHOT REPORT (OSWP-2023-40321)

Iredell Zoning Permit Fee		$75.00	$75.00
	Total for Invoice INV-00022794	$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		10/31/2023 16:20	10/31/2023 16:21
Confirm application complete v.1	Generic Action		10/31/2023 16:21
Fees v.1		11/01/2023 11:12	11/02/2023 8:17
Issue Invoice v.1	Generic Action		11/01/2023 11:12
Fees Paid v.1	Generic Action		11/02/2023 8:17
Zoning Review v.1		11/01/2023 11:11	11/02/2023 8:17
~~Floodplain Admin Overview v.1~~	Task		11/01/2023 11:11
Issue Invoice v.1	Generic Action		11/01/2023 11:11
Fees Paid v.1	Generic Action		11/02/2023 8:17
Lot Readiness Verification v.1		11/02/2023 8:20	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/02/2023 8:20	11/02/2023 8:21
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		


263.33'
WELL
35'
65'+
30'
Driveway
90'+
67'
House
Location
12'
15'
65'
20'
20'
10'
70'+
15'
443.48'
Septic
Area
363.05'
200'+
35'
232.05'



CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	125.00'	112.27'	108.58'	S 51°48'34" W
C2	175.00'	157.18'	151.98'	S 51°48'34" W
C3	156.00'	80.71'	79.80'	S 63°48'34" W
C4	156.00'	144.89'	139.70'	S 36°09'51" W

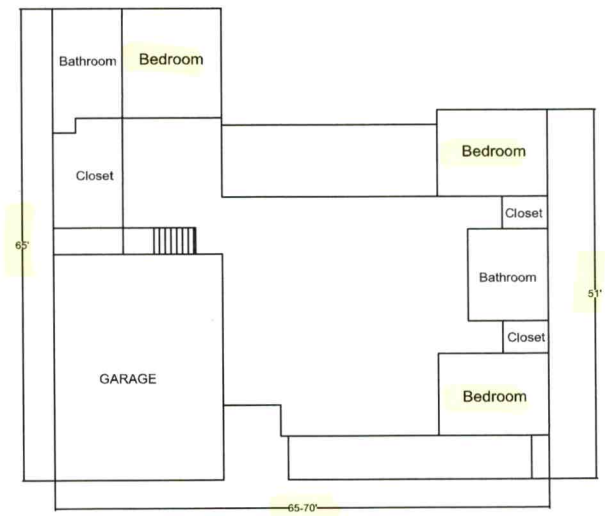
LINE	BEARING	DISTANCE
L1	N 74°17'31" E	263.33'
L2	N 74°17'31" E	14.71'
L3	N 74°17'31" E	38.57'
L4	N 74°17'31" E	64.55'
L5	N 74°17'31" E	64.55'
L6	N 74°17'31" E	64.55'
L7	N 74°17'31" E	64.55'
L8	N 74°17'31" E	20.00'
L9	N 15°31'58" E	30.00'
L10	N 74°17'31" E	60.14'

Family Subdivision Plat of the Harold G. Harmon Property located on W. Debbie Lane, Statesville, NC 28625

Bethany Township, Iredell County, Statesville, NC
Scale 1"= 60' Date of Plat, September 7th, 2023
Portion of Parcel #4746-14-5814, Deed Book 813 Page 911
Current Owner: Harold G. Harmon
322 Nixon Road, Statesville, NC 28625

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING - SURVEYING - PLANNING
Suite 101 Westfield Center, 125 E. Plaza Dr., Mooresville, N.C. 28115
Phone (704) 664-7880 Fax (704) 664-1778
Corporate Licenses #C-1007

1st FLOOR



2nd FLOOR

