BLDR-2024-3[illegible]245

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2022-8856

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

PIN # 4762 -- 41 -- 46.12

APPLICANT/OWNER: Arrow Development APPLICANT ADDRESS: 1519 Mecklenburg Hwy

SITE ADDRESS: 115 Kerr Walk Dr, Statesville 28677 PHONE: 919-374-0121 ALT. PHONE

SITE DIRECTIONS: Hwy 70 - Bethesda - Jordan Lake - Kerr Walk SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Northlake SECTION: LOT # 37 LOT AREA: 0.49 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.25

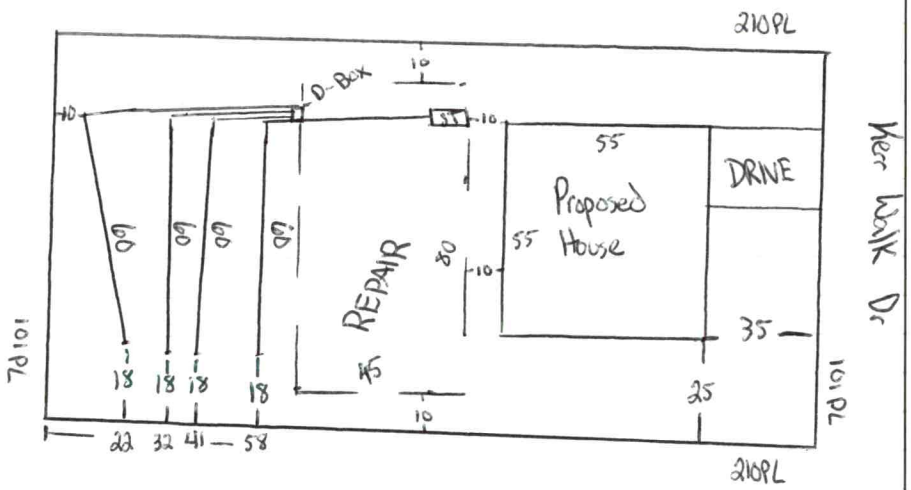
Septic Tank	1000	(gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank		(gal)	PT	Date	System Description:	VPPBPS			☐ Business	No. Persons	6	☒ Private
Pump Make		Model		Serial #	Repair System Description:	DRIP			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft	240'	Maintenance Agreement Required:	☐ YES	☒ NO	☒ Slab	☐ Crawl Space		☐ Community
Trench Width	24 in	Trench Bottom Depth ~~(Low side)~~	36" max	Gravel Depth	–	☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing			☐ Basement w/o plumbing

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

INITIAL SITE SKETCH

Lot must be recorded

1=50



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: Online Signature Date:

IMPROVEMENT PERMIT by: Cory Wilt Date: 12/29/22

AUTHORIZATION TO CONSTRUCT by: Cory Wilt Date: 7/10/24

Installed by: AJ Pope

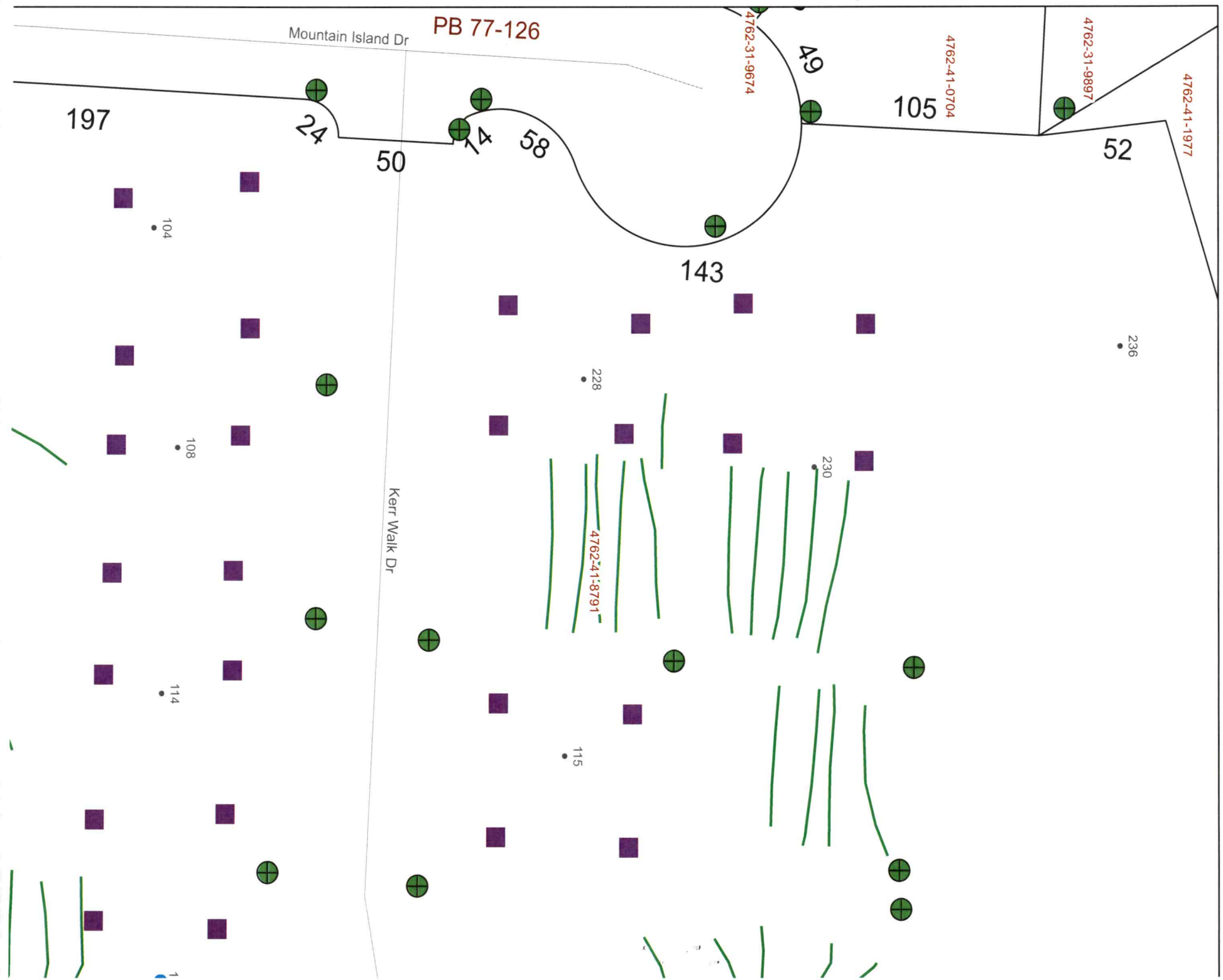
OPERATION PERMIT by: [signature] Date: 5/1/25

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? _____	


PB 77-126
Mountain Island Dr
Kerr Walk Dr
4762-31-9674
4762-41-0704
4762-31-9897
4762-41-1977
4762-41-8791
197
24
50
14
58
49
105
52
143
104
108
114
228
230
115
236

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

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

Lot 37

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

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 11/29/22
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: Private X Public Well Spring Other _____
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 10%	0 - 29	C ABK	SS SP FR SE	10yr 6/2 16"-28"	55	-	-	DRIP DEEP
		29 - 55	CL SBK	SS SP FR SE					
2	Linear 10%	0 - 25	C ABK	SS SP FR SE	Yellow/Brown in C layer	51	-	-	PS .25
		25 - 51	CL SBK	SS SP FR SE					
3	Linear 7%	0 - 14	C ABK	SS SP FR SE	-	48	-	-	.275 PS
		14 - 48	CL SBK	S P FR SE					
4	Linear 5%	0 - 28	C ABK	SS SP FR SE	Yellow/Brown in C layer	48	-	-	PS .25
		28 - 48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)	50%	DRIP
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
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.

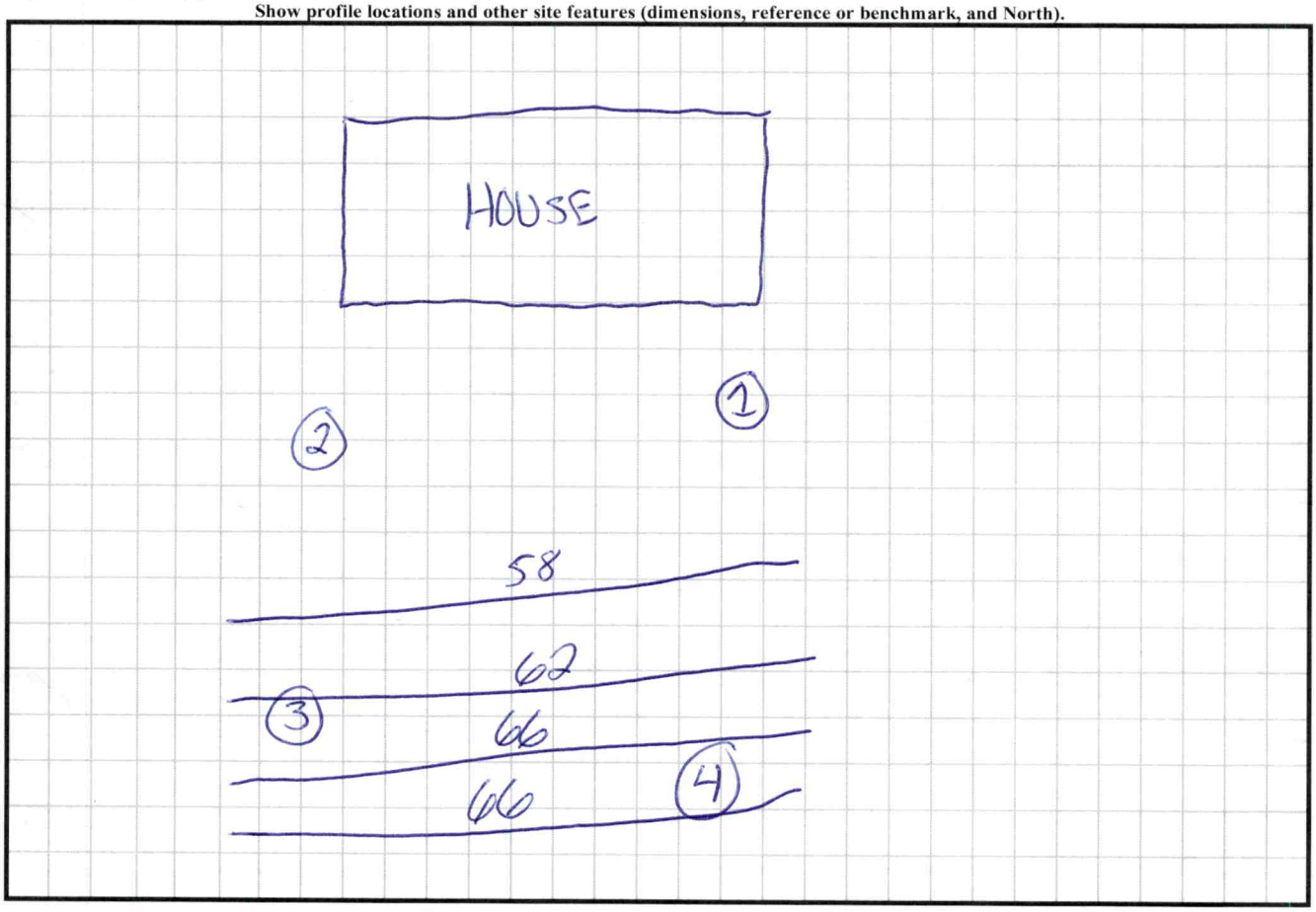
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2022-8856
FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/08/2022
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	
Description:					

Parcel: 4762418791.000 Main	**Address:** 115 Kerr Walk Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
ARROW DEV LLC	ARROW DEVELOPMENT LLC
1518 MECKLENBURG HWY #512	1519 Mecklenburg Hwy #512
MT MOURNE, NC 28123	1518 Mecklenburg Hwy #512
Business: (817) 818-4000	Mt Mourne, NC 28123
	Business: (919) 374-0121

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	55x55	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Concrete Slab Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	0.49
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_M_Black_11/8/2022.jpg	11/08/2022 10:23	,		Uploaded via CSS
037_v1.pdf	11/09/2022 8:24	Nebel, Barbara	Available Online	Site Plan
Autorization_v1.pdf	11/09/2022 8:24	Nebel, Barbara	Available Online	Authorize to Act as Agent

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-36026	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/14/2022			11/14/2022 8:11	11/14/2022 8:11

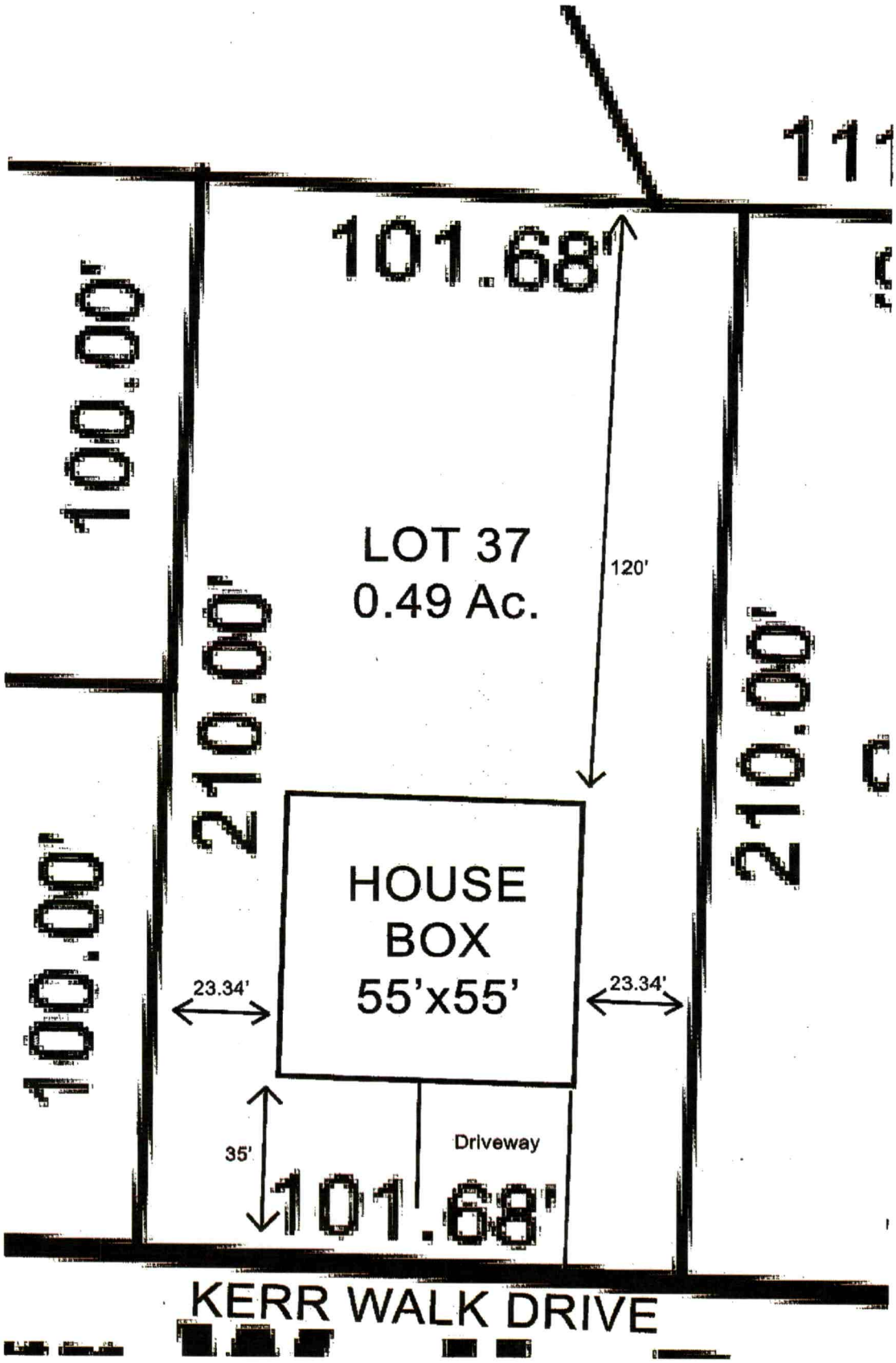
Inspectors: Kobuck, Teanna (Primary)

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-00004939	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00004939	$500.00	$500.00
INV-00004965	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00004965	$77.25	$77.25
		Grand Total for Permit	**$577.25**	**$577.25**

PERMIT SNAPSHOT REPORT (OSWP-2022-8856)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/09/2022 0:00	11/09/2022 8:25
Confirm application complete v.1	Generic Action		11/09/2022 8:25
Fees v.1		11/09/2022 0:00	11/10/2022 13:17
Issue Invoice v.1	Generic Action		11/09/2022 8:25
Fees Paid v.1	Generic Action		11/10/2022 13:17
Zoning Review v.1		11/09/2022 0:00	11/10/2022 16:26
Iredell County Zoning Approval v.1	Task	11/09/2022 0:00	11/10/2022 16:26
Issue Invoice v.1	Generic Action		11/09/2022 11:26
Fees Paid v.1	Generic Action		11/10/2022 13:17
Lot Readiness Verification v.1		11/15/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/15/2022 0:00	11/15/2022 8:11
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		


101.68'
100.00'
LOT 37
0.49 Ac.
120'
210.00'
210.00'
100.00'
HOUSE
BOX
55'x55'
23.34'
23.34'
35'
Driveway
101.68'
KERR WALK DRIVE