ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 BLDR-2024-57242 PERMIT # AP OSWP-2022-8836

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

PIN # 4762 -- 41 -- 3396

APPLICANT/OWNER: Arrow Development LLC APPLICANT ADDRESS: 1519 Mecklenburg Hwy #512 Mt Mourne 28123

SITE ADDRESS: 114 Kerr Wall Dr. Statesville NC 28677 PHONE: 919-374-0121 ALT. PHONE —

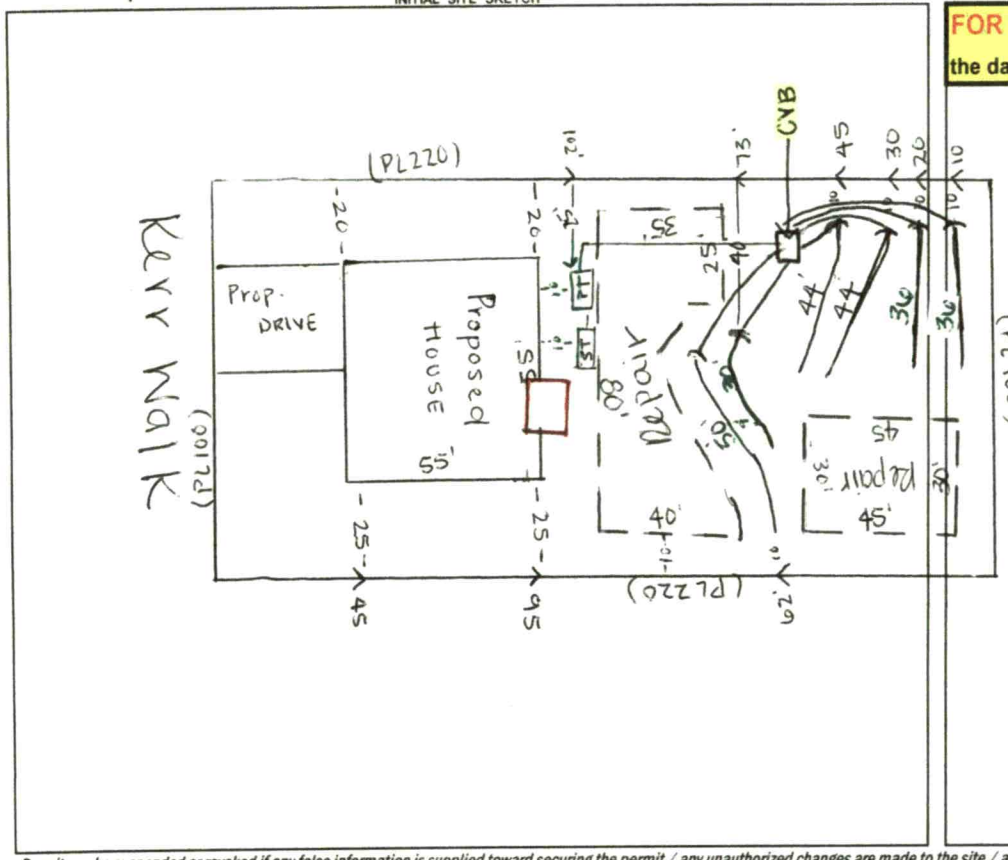
SITE DIRECTIONS: OST Walt Amity - (L) Bethesda - (R) Northlake SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Northlake SECTION: LOT # 16 LOT AREA: 0.49 DESIGN FLOW: 360gpd L.T.A.R.: .25 (R-2)

Septic Tank	1000	(gal)	STB	Infiltrator	Date		☑ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank		(gal)	PT	Infiltrator	Date		System Description:	50% Reduction - LP			☐ Business	No. Persons	6	☐ Private
Pump Make			Model		Serial #		Repair System Description:	50% Reduction - LP			☐ Other	No. Employees		☑ Public
# Nitrification Fields	1	# Lines	6		Linear Ft	240'	Maintenance Agreement Required:	☑ YES	☐ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)			33"	Gravel Depth	—	☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing	

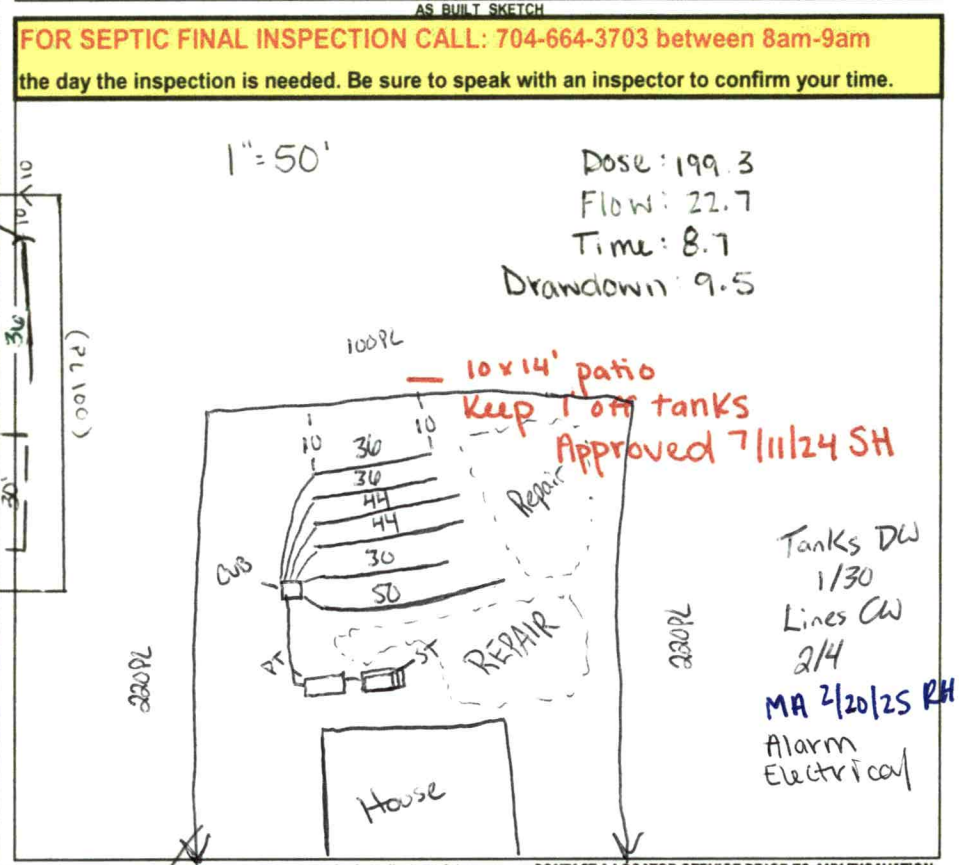
Comments / Conditions: Do not pave, grade, Park, drive, or bury utilites in drainfield. Nud maintenece agreement. 2' pressure head at 5/32.

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: Energov Date: Installed by: Patriot Septic

IMPROVEMENT PERMIT by: Sydney Holland Date: 12-12-22 OPERATION PERMIT by: Sydney Holland Date: 2/28/25

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 7/11/24 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP OSWP-2022-8836

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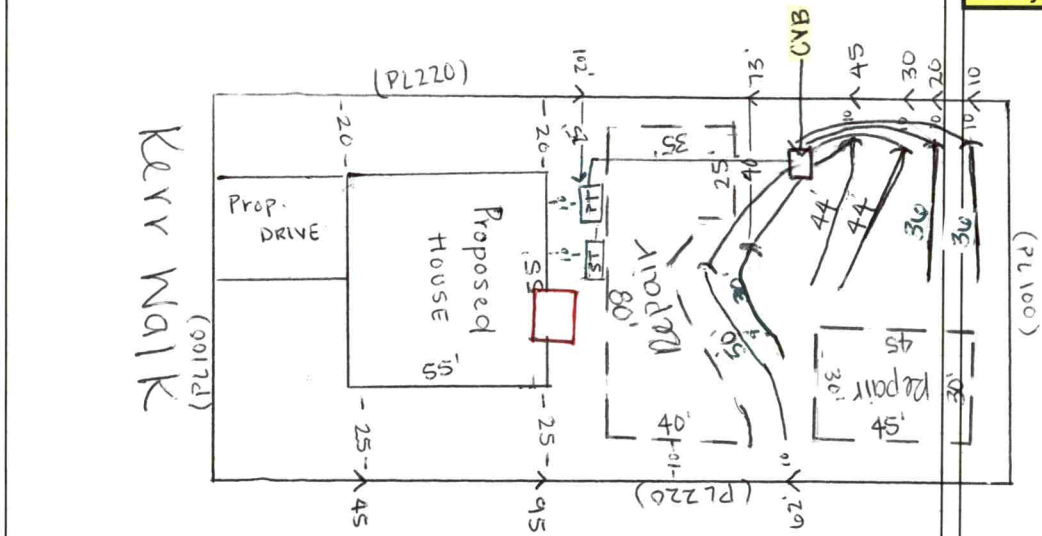
SUBDIVISION: Northlake SECTION: LOT # 16 LOT AREA: 0.49 DESIGN FLOW: 360gpd L.T.A.R.: .25 (R-2)

Septic Tank	1000 (gal)	STB	Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI	☑ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description:	50% Reduction - LP - VPPBPS			☐ Business	No. Persons 6
Pump Make		Model	Serial #	Repair System Description:	50% Reduction - LP			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	6	Linear Ft 240'	Maintenance Agreement Required:	☑ YES	☐ NO	☐ Slab	☑ Crawl Space
Trench Width	24"	Trench Bottom Depth(Low side)	33"	Gravel Depth		☐ GRAVITY	☑ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: Do not pave, grade, Park, drive, or bury utilites in drainfield. Need maintenece agreement. 2' pressure head at 5/32.

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" = 50'

Dose: 199.3
Flow: 22.7
Time: 8.7
Drawdown: 9.5

— 10x14' patio
Keep 1' off tanks
Approved 7/11/24 SH

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: Energov Date: Installed by:

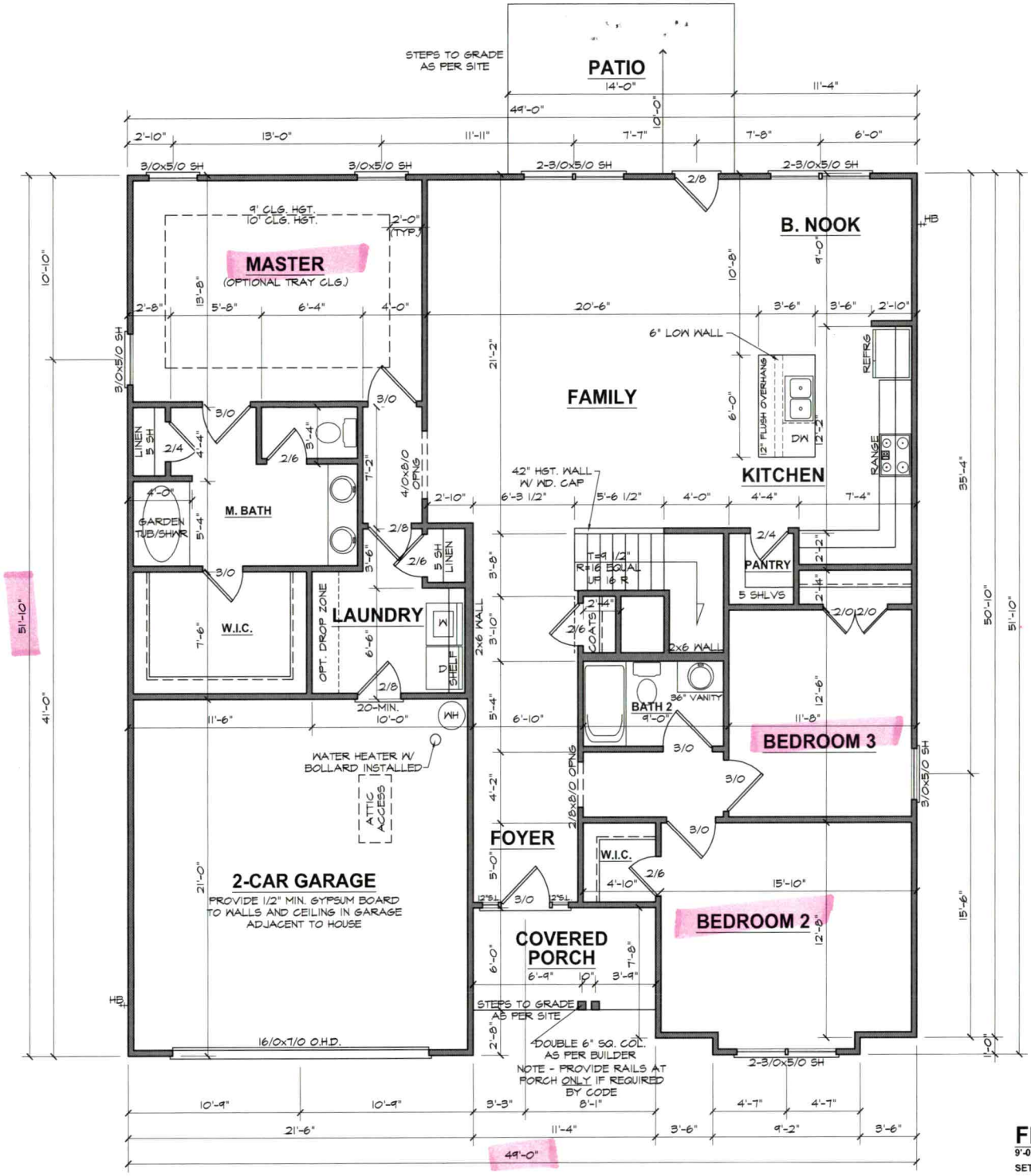
IMPROVEMENT PERMIT by: Sydney Holland Date: 12-12-22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 7/11/24 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? _____	



114 Kerr Walk

Approved
7/11/24
SH

NOTE: STONE VENEER NOT SHOWN ON PLANS, SEE ELEVATIONS FOR LOCATIONS

FIRST FLOOR PLAN

9'-0" (NOM.) CLG. HGT. U.N.O. SCALE: 1/4"=1'-0"

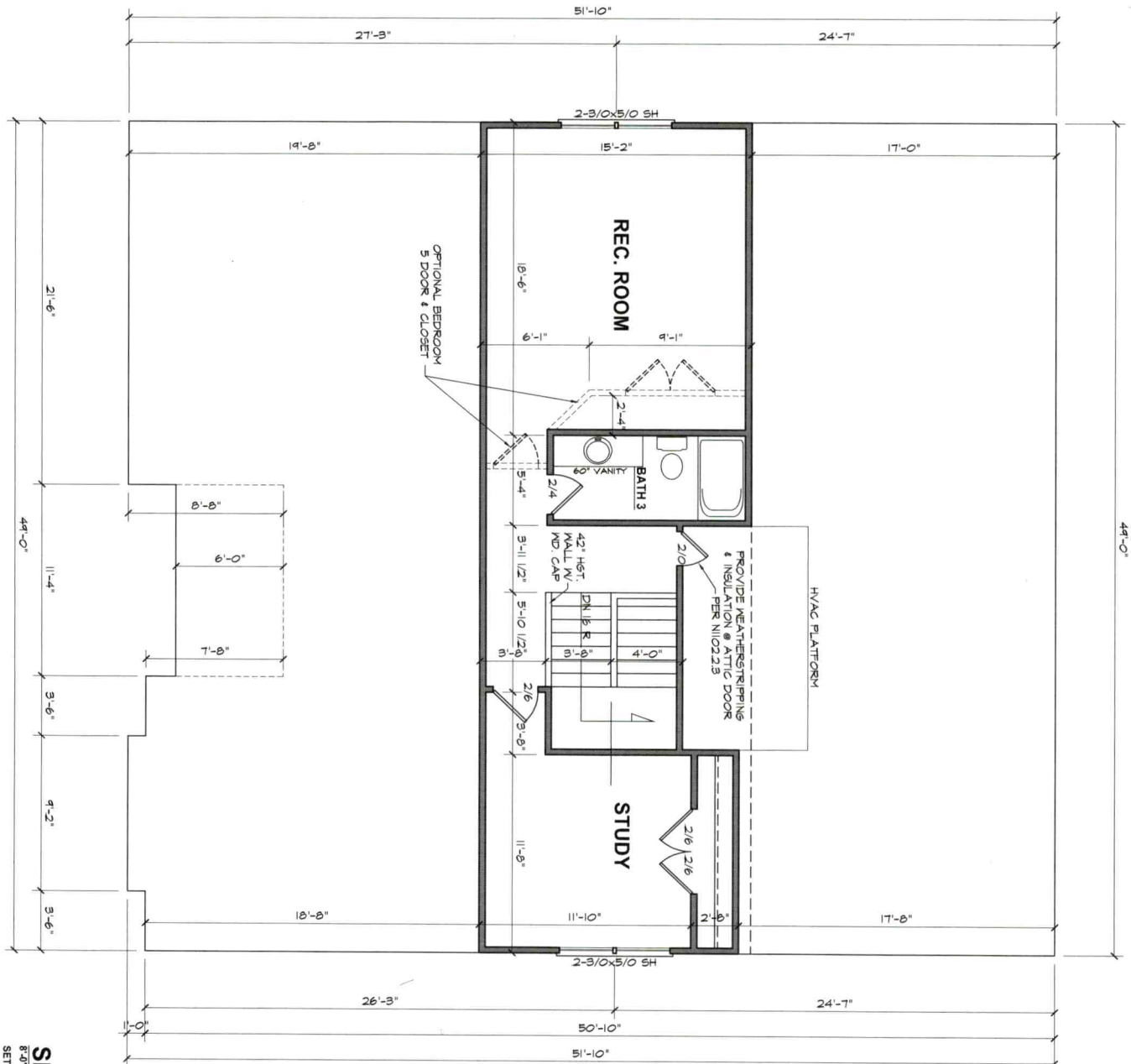
SET WINDOWS @ 7'-0" U.N.O.

ADAMS HOMES AEC, LLC

2604 "A" FE (L) NR016

DATE DRAWN
6/19/2024
PROJECT
6820
REVISIONS

SHEET 3



SECOND FLOOR PLAN

8'-0" (NOM.) CLG. HGT. U.N.O.
SET WINDOWS @ 7'-2" U.N.O.

SCALE: 1/4"=1'-0"

SHEET 4

DATE DRAWN 6/14/2024
PROJECT 6820
REVISIONS

2604 "A" FE (L) NR016

ADAMS HOMES AEC, LLC

PERMIT SNAPSHOT REPORT OSWP-2022-8836 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:**	Wilkinson, Matthew	**Approval Expire Date:**	
Description:					

Parcel: 4762418791.000 Main	**Address:** 114 Kerr Walk Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner
ARROW DEV LLC

Applicant/Authorized Agent
ARROW DEVELOPMENT LLC
1519 Mecklenburg Hwy #512
1518 Mecklenburg Hwy #512
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	Crawl Space Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain	Cheapest initial option.	Has this project been approved by TRC	No	Lot Acreage	0.49
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Nov 8 2022 12:00AM	Zoning Permit Expiration Date	May 7 2023 12:00AM
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 9:21	,		Uploaded via CSS
016_v1.pdf	11/08/2022 16:18	Nebel, Barbara	Available Online	Site Plan
Autorization_v1.pdf	11/08/2022 16:18	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
2022-36023	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/14/2022			11/14/2022 8:08	11/14/2022 8:08

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-00004930	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-00004930	$577.25	$577.25

PERMIT SNAPSHOT REPORT (OSWP-2022-8836)

	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/08/2022 0:00	11/08/2022 16:18
Confirm application complete v.1	Generic Action		11/08/2022 16:18
Fees v.1		11/08/2022 0:00	11/10/2022 12:51
Issue Invoice v.1	Generic Action		11/08/2022 16:19
Fees Paid v.1	Generic Action		11/10/2022 12:51
Zoning Review v.1		11/08/2022 0:00	11/10/2022 16:10
Iredell County Zoning Approval v.1	Task	11/08/2022 0:00	11/10/2022 16:10
Issue Invoice v.1	Generic Action		11/08/2022 16:19
Fees Paid v.1	Generic Action		11/10/2022 12:51
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 8:08
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		

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

Sheet 1 of 1
PROPERTY ID #: 4762418791
COUNTY: Iredell

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

OWNER: 114 Kerr Walk
ADDRESS: Arrow development LLC
APPLICATION DATE 11-8-22
DATE EVALUATED: 11-29-22
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: 0.49
LOCATION OF SITE: Lot 16
PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ 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		0-11	SCL/SBK	SS-SP-FR-SEXP		48"	—	—	P.S .2
		11-32	C/ABK	S-P-FR-SEXP					
		32-48	CL/SBK	S-P-FR-SEXP	2.5Y 7/4 @ 22"+				
2		0-5	org/SBK			48"	—	—	P.S .2
		5-27	C/ABK	S-P-FR-SEXP					
		27-48	CL/		2.5Y 6/8 @ 12"+ 2.5Y 7/3 @ 19" Water coming in @ 19" Sap inc. in CL layer				
3		0-7	SC/SBK	SS-SP-FR-SEXP		48"	—	—	P.S .3
		7-32	C/ABK	SS-SP-FR-SEXP					
		32-48	CL/SBK	SS-SP-FR-SEXP	Few Y/B in clayer sap inc. common 32"+				
4		0-10	FILL	MIXED		48"			P.S .25
		10-28	C/ABK	S-P-FR-SEXP					
		28-48	CL/SBK	S-P-FR-SEXP	Water coming in @ 10" Sap inc. in CL Y/B through out				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240'	300'
System Type(s)	50%	50%
Site LTAR	.25	.2

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P-S
EVALUATED BY: S Holland
OTHER(S) PRESENT: S. Braker

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.

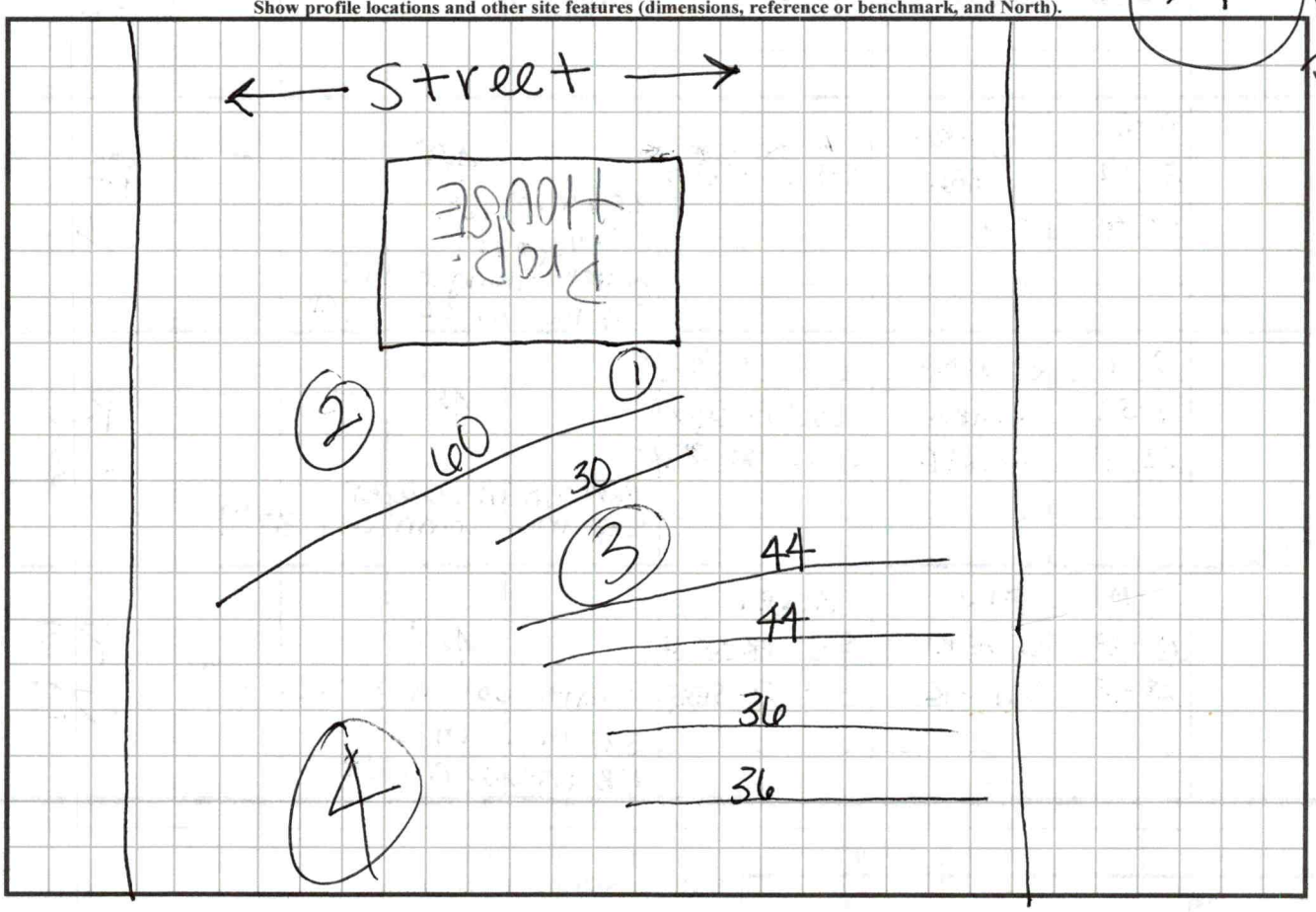
NOTES

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)

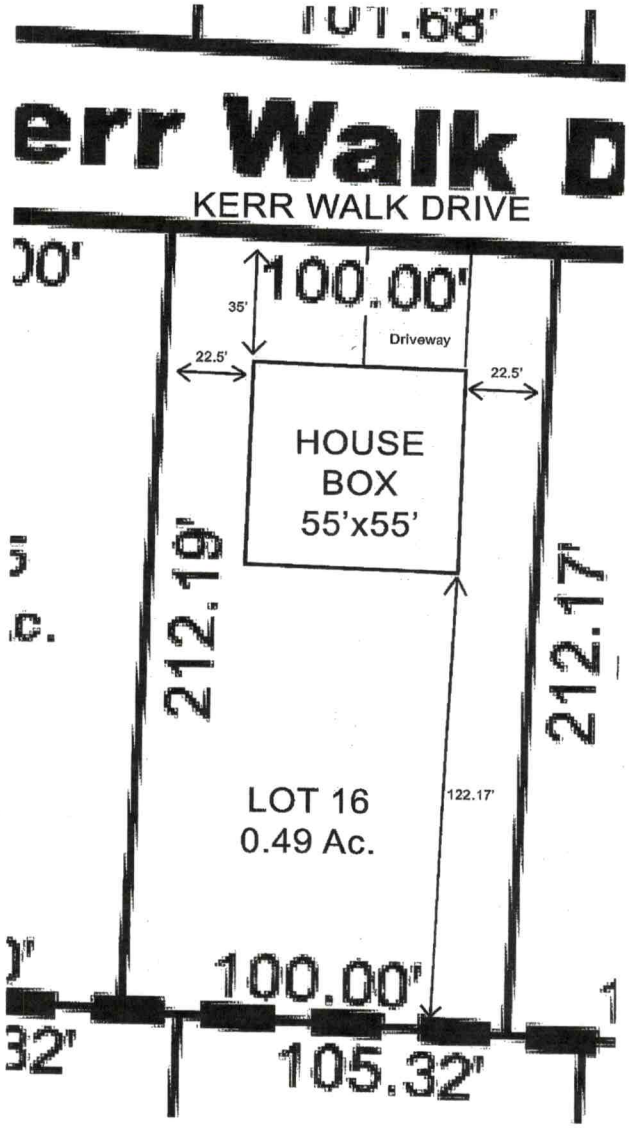
Evaluation of saprolite shall be by pits.

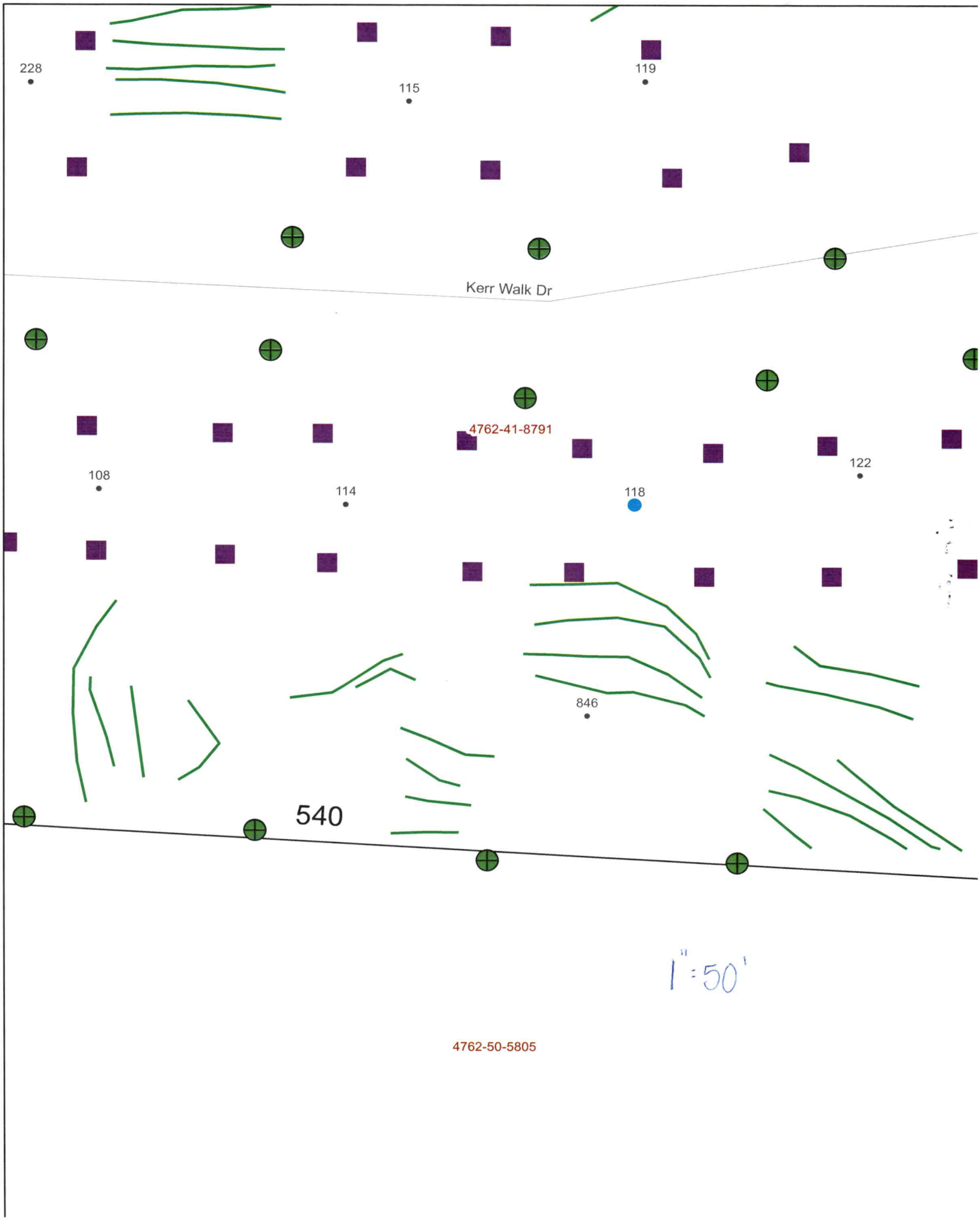
Long-term Acceptance Rate (LTAR): gal/day/ft²

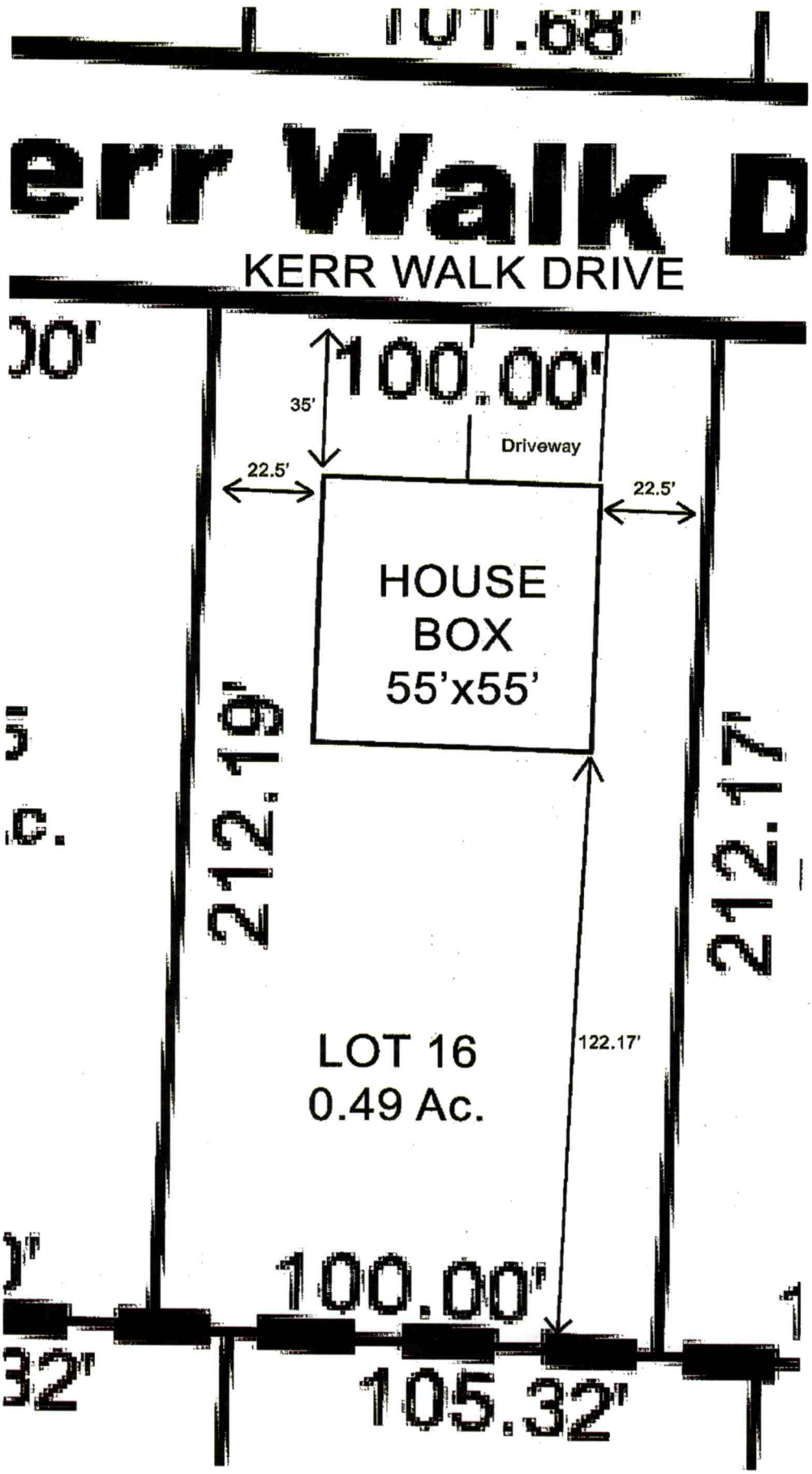
Show profile locations and other site features (dimensions, reference or benchmark, and North).



240'
Low Pressure


107.68'
err Walk D
KERR WALK DRIVE
00'
100.00'
35'
Driveway
22.5'
22.5'
HOUSE
BOX
55'x55'
212.19'
212.17'
122.17'
LOT 16
0.49 Ac.
100.00'
32'
105.32'


228
115
119
Kerr Walk Dr
4762-41-8791
108
114
118
122
846
540
1" = 50'
4762-50-5805


KERR WALK DRIVE
100.00'
35'
Driveway
22.5'
22.5'
HOUSE
BOX
55'x55'
212.19'
212.17'
LOT 16
0.49 Ac.
122.17'
100.00'
105.32'

Docusign Envelope ID: 6D0CECAB-BF23-44A6-B907-4B0BBAAF49DA

Northlake Ph 3 Lot 16

TCW Wastewater Inc.

Septic System Maintenance Agreement

THIS AGREEMENT is made as of **February 6, 2025** between TCW Wastewater Inc., a North Carolina Corporation with offices located at 5600 Lakeview Road Charlotte North Carolina (Hereby known as contractor) and **Thomas and Lori Bass** located at **114 Kerr Walk Dr. Statesville, NC 28677** (Hereby known as customer) with phone of **704-928-5628/ 704-929-9153** and email address of **lbass74@yahoo.com** .

For and in consideration of the mutual covenants and agreements set forth herein and other good and valuable consideration, contractor and customer hereby covenant and agree as follows:
The term of this agreement shall begin as of closing on the property/ the move in date and shall automatically renew for successive terms, subject to the termination by either party with 30 day written notice upon approval of TCW Wastewater Inc.

Service Types *(Type IV)*:
The scopes of work provided by contractor are as follows:

1. Wash the septic tank filter, 2 times a year
2. Wash the pump tank filter, 2 times a year
3. Check for any leaks, 2 times a year
4. Inspect pump, floats, control panel and alarm, 2 times a year
5. Inspect the drain field, 2 times a year
6. Flush system and verify head pressures, 1 time a year
7. The total cost per year is **$350.00 plus fees** (split billed, per six month)

Schedule: It will be the responsibility of the contractor to schedule the services two times a year. The first inspection will be scheduled as soon as the signed contract is returned to the contractor. Payment will be collected at the time of service, by check or credit card. The second inspection will be scheduled six months after the 1st inspection is completed and paid.

Fees for Services:
The contractor will submit invoice to the customer for the completed inspection. Such invoicing shall state the necessary details regarding the services performed as specified in the applicable service agreement. For approved customers payment terms are Net 15 days with a 1.5% late charge for all invoices not paid beyond 15 days. **Customer billing address is Adams Homes- 3401 St. Vardell Ln. Suite B Charlotte NC 28217** .

Your contact for this agreement is Lee Boyd, who can be reached at 704-776-4443. Please return this agreement via email: gboyd@wrenvironmental.com or mail: 5600 Lakeview Road Charlotte North Carolina.

Customer	**TCW Wastewater Inc.**
By: Signed by: [signature] Signed by: Lori Bass	By: Lee Boyd
Print Name: Thomas Bass , Lori Bass	Print Name: Lee Boyd
Title: Homeowner X	Title: Administrative Assistant
Date: 2/7/2025 2/7/2025	Date: 2/10/25