ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

3C4!

MANF-2024-53006

PERMIT: OSWP 2024-53618

PIN # 4760 - 95 - 8523 ✓

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

APPLICANT/OWNER: Conner Jordan

APPLICANT ADDRESS: 592 Bowles Farm Rd, Statesville

SITE ADDRESS: 145 Eastgate Dr, Statesville 28625

PHONE: 704-929-8930

ALT. PHONE -

SITE DIRECTIONS: Old Mocksville - Chestnut Grove - Eastgate

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Eastgate Estates ✓

SECTION: -

LOT # 7 ✓

LOT AREA: 0.378

DESIGN FLOW: 360 gpd

L.T.A.R.(Initial): 0.3

L.T.A.R (Repair): 0.3

Septic Tank	1000 (gal)	STB	160	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:	LP- PPBPS		
# Nitrification Fields	1	# Lines	7	Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36in	*Max. Trench Depth(Initial)	28in	*Max. Trench Depth(Repair)	28in	Gravel Depth	-	☒ GRAVITY	☐ PRESSURE

* Measured on the downhill side of the trench

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 48 in

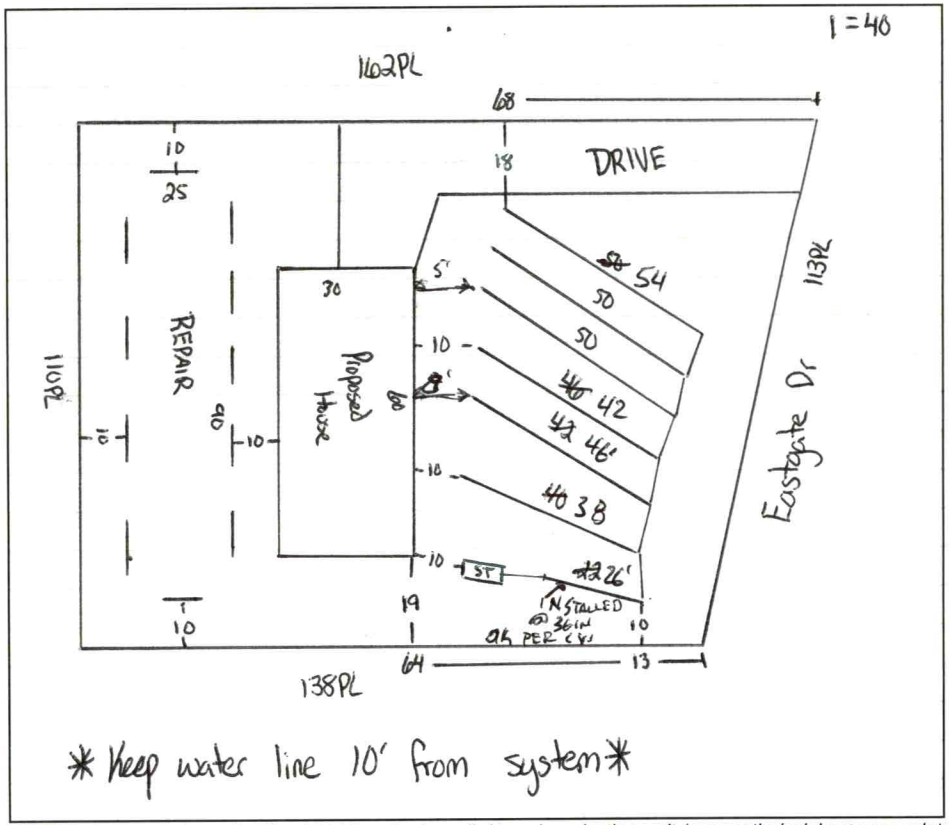
Usable Depth to LC (Repair): 48 in

☒ Residence	No. Bedrooms	3	**Water Supply**	
☐ Business	No. Persons	6	☐ Private	
☐ Other	No. Employees		☒ Public	
☐ Slab	☐ Crawl Space		☐ Community	
☐ Basement w/plumbing			☐ Basement w/o plumbing	

Limiting Condition

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

INITIAL SITE SKETCH



* Keep water line 10' from system *

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.

Graded back yard, repair still possible CW

INSTALLED AS SHOWN

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: KEVIN BOWLES K&M GRADING ✓

IMPROVEMENT PERMIT by: Cay Whit ✓ Date: 5/30/24

OPERATION PERMIT by: Bryant C. White ✓ Date: 9-4-2024

AUTHORIZATION TO CONSTRUCT by: Cay Whit ✓ Date: 8/21/24

Existing System Inspected by: Date:

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

PROPERTY ID #: 4766958523
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Conner Jordan DATE EVALUATED: 5/28/24
ADDRESS: 592 Bowles Farm
PROPOSED FACILITY: 3 bd/r home PROPOSED DESIGN FLOW (.0400): 360 gpd PROPERTY SIZE: 0.378
LOCATION OF SITE: 145 Eastgate PROPERTY RECORDED: yes
WATER SUPPLY: X Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 10'
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X 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	Linear 5%	0 - 8	SCL SBK	SS SP FR SE	-	52	Many inc in CL layer		.3 PS	2
		8 - 23	C SBK	SS SP FR SE						
		23 - 52	CL SBK	SS SP FR SE						
2	Linear 13%	0 - 10	SCL SBK	SS SP FR SE	-	54	Heavy at	Litho 42"+	.3 PS	5
		10 - 28	C SBK	SS SP FR SE						
		28 - 54	CL WSBK	SS SP FR SE						
3	Linear 7%	0 - 8	SCL SBK	SS SP FR SE	-	53	Few litho inc in CL layer		.3 PS	3
		8 - 33	C SBK	SS SP FR SE						
		33 - 53	CL SBK	SS SP FR SE						
4	Linear 6%	0 - 7	SCL SBK	SS SP FR SE	-	54	Few SAP inc in CL layer		.3 PS	3
		7 - 28	C SBK	SS SP FR SE						
		28 - 54	CL WSBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3
Maximum Trench Depth	36	36

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT:

Comments:

LEGEND

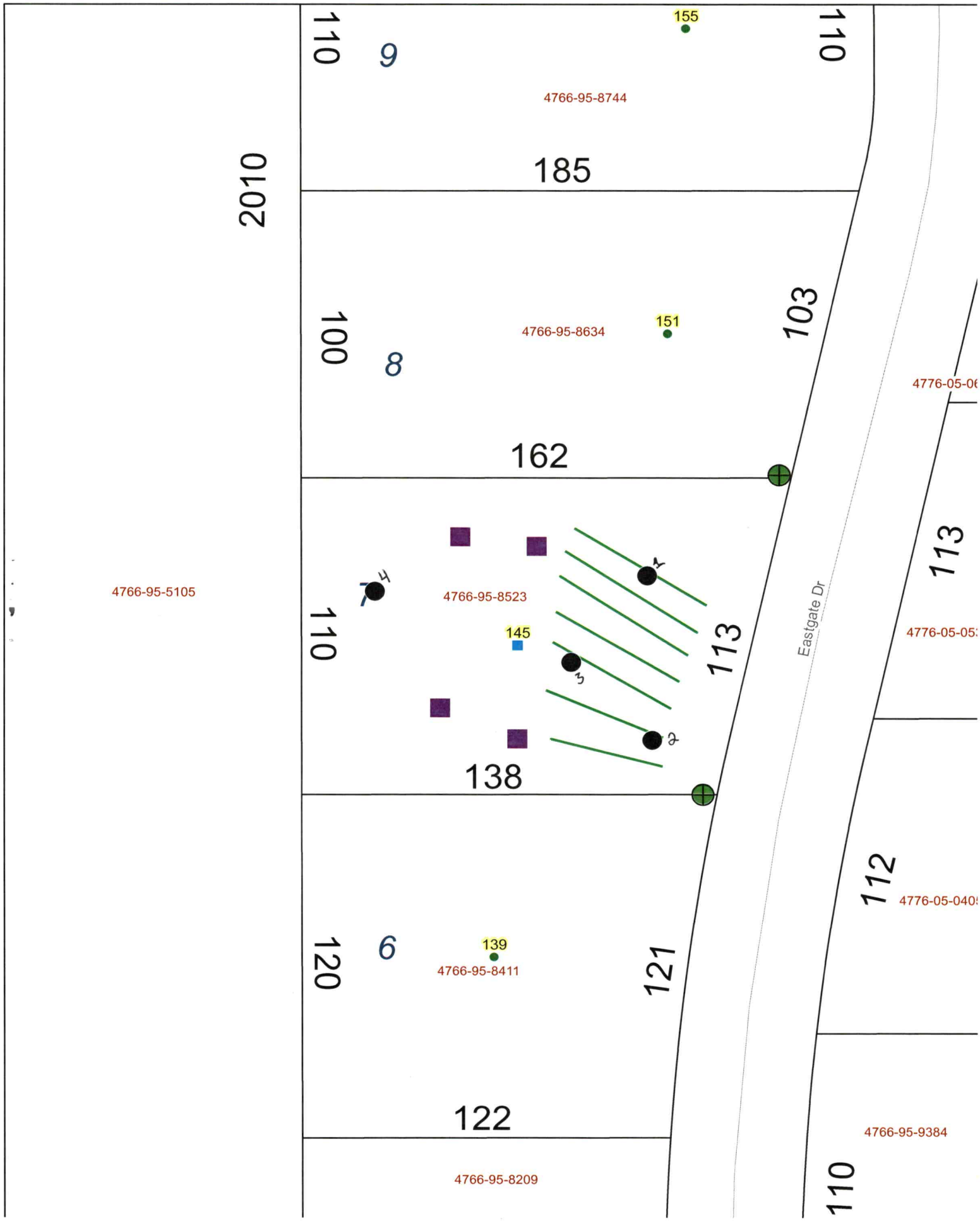
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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).




155
110
9
110
4766-95-8744
185
2010
103
100
8
151
4766-95-8634
4776-05-0
162
113
4766-95-5105
4766-95-8523
110
145
113
Eastgate Dr
4776-05-05
138
112
4776-05-040
120
6
139
4766-95-8411
121
122
4766-95-9384
4766-95-8209
110

PERMIT SNAPSHOT REPORT OSWP-2024-53618 FOR IREDELL COUNTY

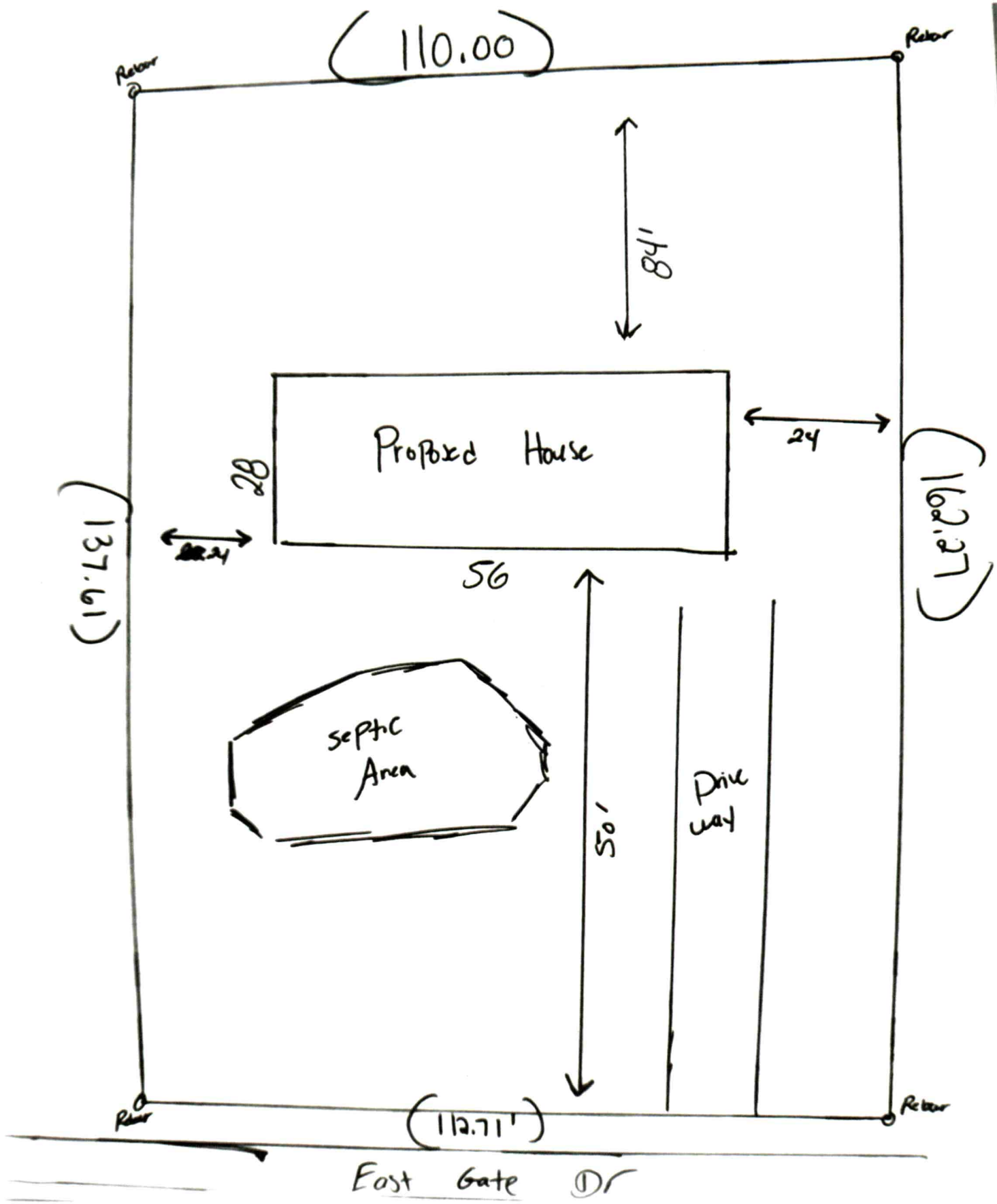
Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	05/15/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	
Description:					

Parcel: 4766958523.000 Main	**Address:** 145 Eastgate Dr Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Conner Jordan	Conner Jordan
592 Bowles Farm Rd	592 Bowles Farm Rd
Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 929-8930	Mobile: (704) 929-8930

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	28x56
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	0	Water Supply	Municipal Water
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	
Has this project been approved by TRC	No	Lot Acreage	0.378	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
Zoning Notes/Addendums	REQUIREMENTS FOR AL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances;		Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No


(110.00)
Rebar
Rebar
84'
Proposed House
28
24
24
56
(137.61)
(162.91)
septic Area
50'
Drive way
(112.71')
Rebar
Rebar
East Gate Dr



Clayton epic

EXPERIENCE SERIES

Explorer

3 beds | 2 baths | 1,475 sq. ft. | 28x56



Clayton Built

The home series, floor plans, renderings, specifications, features, materials, and availability shown will vary by retailer and state, and are subject to change without notice.