ICHD - ENVIRONMENTAL HEALTH DIVISION

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

ST

BDR-2024-51156

PERMIT : OSWP 2024-644493

PIN # 4762 - 40 - 6410.

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

APPLICANT/OWNER: Adams Homes APPLICANT ADDRESS: 3401 St Vardell St, Charlotte

SITE ADDRESS: 125 High Rock Ct, Statesville 28677 PHONE: 704-621-4664 ALT. PHONE -

SITE DIRECTIONS: Bethesda - Northlake - Mtn Island - High Rock SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Northlake SECTION: 3 LOT#: 7 LOT AREA: 0.54 DESIGN FLOW: 600 gpd L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank 1500 (gal) STB Infiltrator Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 6 Linear Ft 335

Trench Width 24in *Max. Trench Depth(Initial) 30in *Max. Trench Depth(Repair) 18in Gravel Depth -

* Measured on the downhill side of the trench

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: VPPBPS

Repair System Description: HPPBPS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

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

Usable Depth to LC (Initial): 48in

☒ Residence No. Bedrooms 5

☐ Business No. Persons 10

☐ Other No. Employees

☐ Slab ☐ Crawl Space

☒ Basement w/plumbing ☐ Basement w/o plumbing

Usable Depth to LC (Repair): 38in *Limiting Condition*

Water Supply

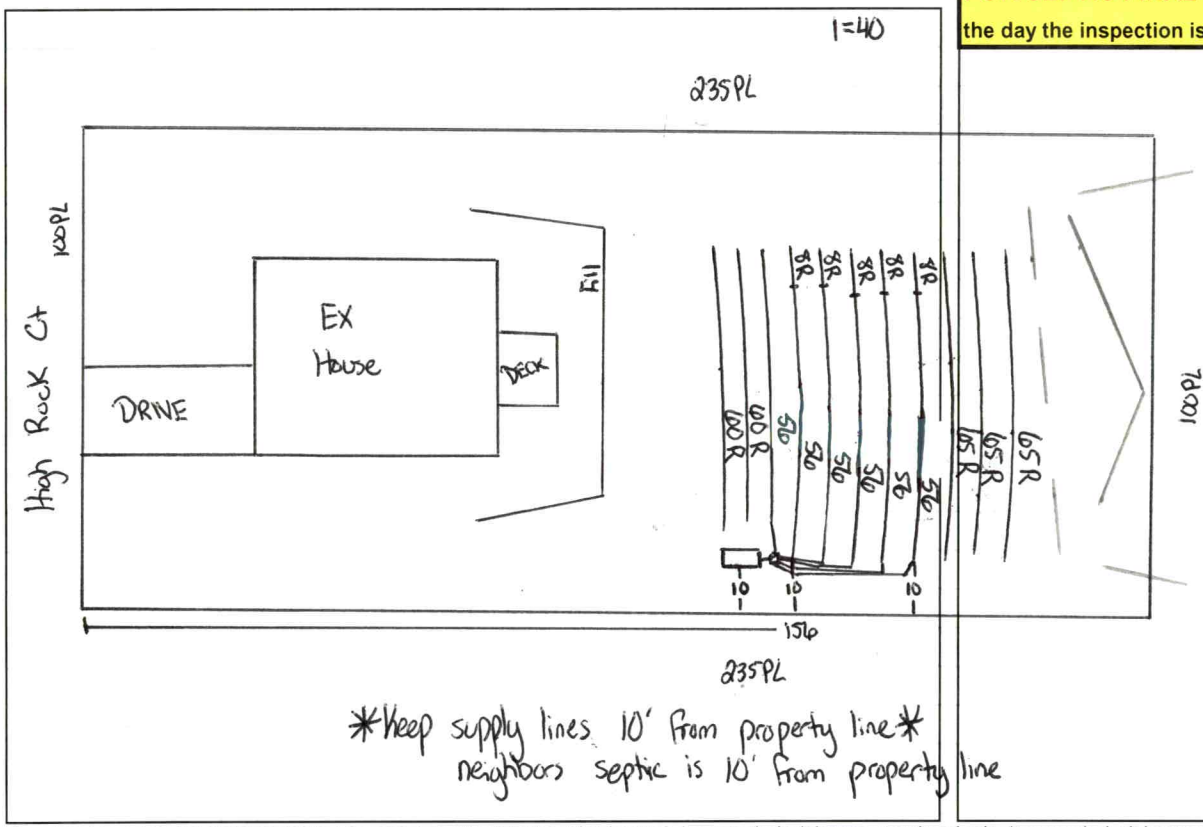
☐ Private

☒ Public

☐ Community

Comments / Conditions: Install on contour with the land. Install on 6' centers.
Do not drive, park, or grade on septic area.

INITIAL SITE SKETCH



Keep supply lines 10' from property line
neighbors septic is 10' from property line

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.

Lines CW 1/9/25

Installed as Drawn

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 Hill Date: 11/12/24

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 11/12/24

Installed by: Patriot Septic

OPERATION PERMIT by: Cory Hill Date: 1/10/25

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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-64493 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/31/2024
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:	125 High Rock (IP ISSUED OSWP-2024-51153) Septic relayout				

Parcel: 4762406410.000 Main	**Address:** 125 High Rock Ct Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Applicant/Authorized Agent	Property Owner	Applicant/Authorized Agent
Adams Homes AEC, LLC Michelle Chavarria 100 West Garden St., 2Nd Floor Pensacola, FL 32502	MAJ Permits Inc 3340 ROBINWOOD RD Suite 100538 3340 Robinwood Road, Suite 100538 Gastonia, NC 28054 Business: (704) 621-4664	Adams Homes 3401-B St. Vardell Street Charlotte, NC 28217	Adams Homes 3401-B St. Vardell Street Charlotte, NC 28217

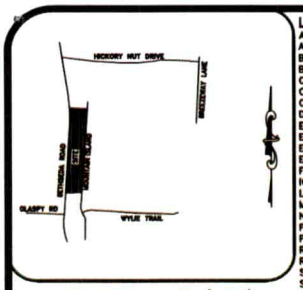
Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Intermediate Re-Layout, Re-Layout/change septic permit (sys not installed)	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	39 x 39
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	5
If other Addition/Structure, please explain		Number of Occupants	8	Foundation Type	Basement with Plumbing
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	No Preference
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Adams_Homes_10/31/2024.jpg	10/31/2024 10:18	Homes, Adams		Uploaded via CSS
ATC Northlake 7 relayout_v1.pdf	10/31/2024 10:27	Homes, Adams	Available Online	
Authorization Northlake 7_v1.pdf	10/31/2024 10:27	Homes, Adams	Available Online	
K. NR00703 Plot Plan 3.28.24_v1.pdf	10/31/2024 10:27	Homes, Adams	Available Online	
M. NR00703 Architectural Plans floor plans_v1.pdf	10/31/2024 10:27	Homes, Adams	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-262819	Requested	OSWP Septic/Well Preliminary Site Visit	11/07/2024	11/08/2024 0:00	11/08/2024 0:00		

Inspectors: Fleming, Latasha (Primary)



VICINITY MAP (NTS)

LEGEND
AC=AIR CONDITIONING UNIT
AG=ABOVE GROUND
BOC=BACK OF CURB
BG=BELOW GROUND
CATV=CABLE TV
CB=CATCH BASIN
CVRD=COVERED
DW=CONC DRIVEWAY
EB=ELECTRIC BOX
EM=ELECTRIC METER
EOP=EDGE OF PAVEMENT
EP=ELECTRIC PEDESTAL
FH=FIRE HYDRANT
ICV=IRRIGATION CONTROL VALVE
LP=LIGHT POLE
MTR=METER
N/F=NOW OR FORMERLY
PO=PORCH
PP=POWER POLE
RCP=REINFORCED CONC PIPE
R/W=RIGHT OF WAY
SCO=CLEANOUT
SW=SIDEWALK
TP=TELEPHONE PEDESTAL
TF=TRANSFORMER
WM=WATER METER
WV=WATER VALVE
○ EIP=EXISTING IRON PIPE
◉ IRON PIPE SET
○ EIR=EXISTING IRON ROD

NORTH CAROLINA PROFESSIONAL SEAL L-4817 LAND SURVEYOR NICHOLAS M. FRENCH

THIS EXHIBIT MAP IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

NICHOLAS M. FRENCH, PLS L-4817 DATE

THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION. NO TITLE REPORT PROVIDED.

THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS.

GENERAL NOTES:

1. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.

2. AREAS SHOWN HEREON WERE COMPUTED USING THE COORDINATE METHOD.

3. LINES NOT SURVEYED ARE SHOWN AS DASHED LINES FROM INFORMATION REFERENCED ON THE FACE OF THIS SURVEY.

4. PROPERTY MAY BE SUBJECT TO ANY/ALL EASEMENTS AND RESTRICTIONS OF RECORD. THIS SURVEY IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND OR DEEDED AND HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. A NORTH CAROLINA LICENSED ATTORNEY-AT-LAW SHOULD BE CONSULTED REGARDING CORRECT OWNERSHIP, WIDTH AND LOCATION OF EASEMENTS, AND OTHER TITLE QUESTIONS REVEALED BY TITLE EXAMINATION.

5. DRIVEWAY IMPERVIOUS CALCULATION SHOWN HEREON CALCULATED TO THE FRONT PROPERTY LINE/RIGHT-OF-WAY.

6. THIS PARCEL IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE AS INDICATED ON CID NO. 370313 PANEL 4762, SUFFIX J IREDELL COUNTY WITH AN EFFECTIVE DATE OF 03/18/2008.

SETBACKS PER
PB 77 PG 126-127

FRONT	35'
SIDE	15'
REAR	35'

IMPERVIOUS AREA

HOUSE	1,477 SQ.FT.
DRIVE TO R/W	592 SQ.FT.
WALK	82 SQ.FT.
DECK	224 SQ.FT.
TOTAL	2,375 SQ.FT.



N/F
PEARL LAND
INVESTMENT, LLC
D.B. 2664 PG. 1529

N 86°51'00" W 100.00'

10' DRAINAGE & UTILITY EASEMENT

10' DRAINAGE & UTILITY EASEMENT

7

23,462 ± S.F.
0.54 ± AC.

144.6'

8

6

N 03°09'24" E 234.63'

N 03°09'00" E 234.63'

16.00'
4.00' COV WOOD DECK 4.00'
39.00'
8.75'
5.00'
2.00'
PROPOSED 2131B DWELLING
16.75'
18.00'
5.50' COV PORCH 6.50'
21.00'
SW
CONC DRIVE
30.5'
30.5'
37.0'

10' DRAINAGE & UTILITY EASEMENT

10' DRAINAGE & UTILITY EASEMENT

TIE LINE
S 89°32'59" E
523.90'

S 86°51'26" E 100.03'

HIGH ROCK COURT
50' PUBLIC R/W

GRAPHIC SCALE
40 0 20
1 inch = 40 ft.

PRELIMINARY
PLOT PLAN

PROJECT:	NORTHLAKE PHASE 3
DRAWN BY:	VIH
SURVEYED BY:	N/A
SCALE:	1"=40'
FIELD WORK:	N/A
DWG DATE:	03-27-2024

FOR
ADAMS HOMES
125 HIGH ROCK COURT
LOT 7 NORTHLAKE SUBDIVISION PHASE 3
CHAMBERSBURG TWP., IREDELL CO., NC
P.B. 78, PG. 117

ECLS GLOBAL, INC
U.S. VETERAN-OWNED
19 N MCKINLEY ST
COATS, NC 27521
910.897.3257 ECLSGLOBALINC.COM
910.897.2329 (FAX) CO#C-4175

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

PROPERTY ID #: 4762406410
COUNTY: Iredell

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

OWNER: Adams Homes DATE EVALUATED: 4/24/24
ADDRESS: 3401 St. Vardell St, Charlotte
PROPOSED FACILITY: 5 bd/r home PROPOSED DESIGN FLOW (.0400): 600 gpd PROPERTY SIZE: 0.54
LOCATION OF SITE: 125 High Rock Ct, Statesville 28677 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 20%	0 - 5	SCL SBK	SS SP FR SE	-	56	SAP inc in CL layer		.3 PS	7
		5 - 22	C SBK	SS SP FR SE						
		22 - 56	CL SBK	SS SP FR SE						
		56 - 60	SAP LS	VFR						
2	Linear 19%	0 - 7	SCL SBK	SS SP FR SE	10yr 6/6 30" - 40" 10yr 8/2 at 38"	61	-	-	.3 PS Shallow	7
		7 - 30	C SBK	SS SP FR SE						
		30 - 48	C SBK	SS SP FR SE						
		48 - 61	CL SBK	SS SP FR SE						
3	Linear 12%	0 - 8	SCL SBK	SS SP FR SE	-	58	-	-	.3 PS	5
		8 - 31	C SBK	SS SP FR SE						
		31 - 58	CL SBK	SS SP FR SE						
4	Linear 12%	0 - 6	SCL SBK	SS SP FR SE	-	60	Litho inc in a layer		.3 PS	5
		6 - 30	C SBK	SS SP FR SE						
		30 - 60	CL SBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	50%	50%
Site LTAR	.3	.3
Maximum Trench Depth	26 in	36 in

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

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).

