ICHD - ENVIRONMENTAL HEALTH DIVISION

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

(BB) BIDR-2023-33017

PERMIT # 2023-30183

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

PIN # 4762 -- 31 -- 9364

APPLICANT/OWNER: Adams Homes

APPLICANT ADDRESS: 3401-B St Vardell St, Charlotte

SITE ADDRESS: 219 Mountain Island Dr, Statesville 28677

PHONE: 704-558-4527

ALT. PHONE

SITE DIRECTIONS: 70 - Bethesda

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Northlake ✓

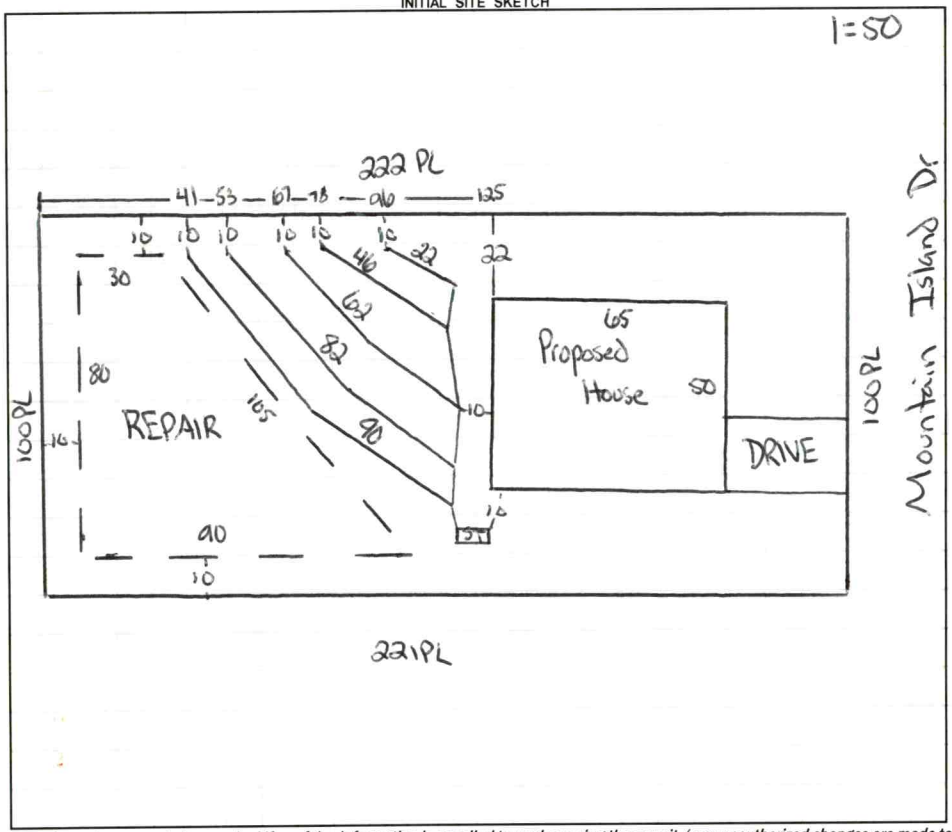
SECTION: - LOT # 47 ✓ LOT AREA: 0.51 acres

DESIGN FLOW: 300 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	Date 9-22-23	☒ 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:	25% reduction	☐ Business	No. Persons	6	☒ Private
Pump Make	Model		Serial #	Repair System Description:	50% reduction (pm)	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1 # Lines	5	Linear Ft 300	Maintenance Agreement Required:	☐ YES ☒ NO	☒ Slab	☐ Crawl Space		☐ Community
Trench Width	36 in Trench Bottom Depth(Low side)	32 in	Gravel Depth -		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Do not exceed 36 in max trench bottom. Do not grade, park, or drive on septic area. Utilize serial distribution.

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.

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:

Installed by: Precision Excavating

IMPROVEMENT PERMIT by: Cory Hil Date: 8/18/23

OPERATION PERMIT by: Mark Wis Date: 11/8/23

AUTHORIZATION TO CONSTRUCT by: Cory Hil Date: 8/18/23

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 #: 4762319364
COUNTY: Iredell

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

OWNER: Adams Homes
APPLICATION DATE 7/7/23
ADDRESS: 3401 B St
DATE EVALUATED: 8/16/23
PROPOSED FACILITY: 3 bdrm home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 6.51 acres
LOCATION OF SITE: 219 Mountain Island Dr, Statesville
PROPERTY RECORDED: yes
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	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	Linear 4%	0-22	C SBK	SS SP FR SE	-	48	SAP CL	inc in layer	.3 PS
		22-48	CL SBK	SS SP FR SE					
2	Linear 3%	0-23	C ABK	SS SP FR SE	-	48	SAP CL	inc in layer	.3 PS
		23-48	CL SBK	SS SP FR SE					
3	Linear 4%	0-8	PLOW		-	48	SAP CL	inc in layer	.3 PS
		8-30	C ABK	SS SP FR SE					
		30-48	CL SBK	SS SP FR SE					
4	Linear 2%	0-8	PLOW		-	48	SAP CL	inc in layer	.3 PS
		8-27	C ABK	SS SP FR SE					
		27-48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Winckel
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.

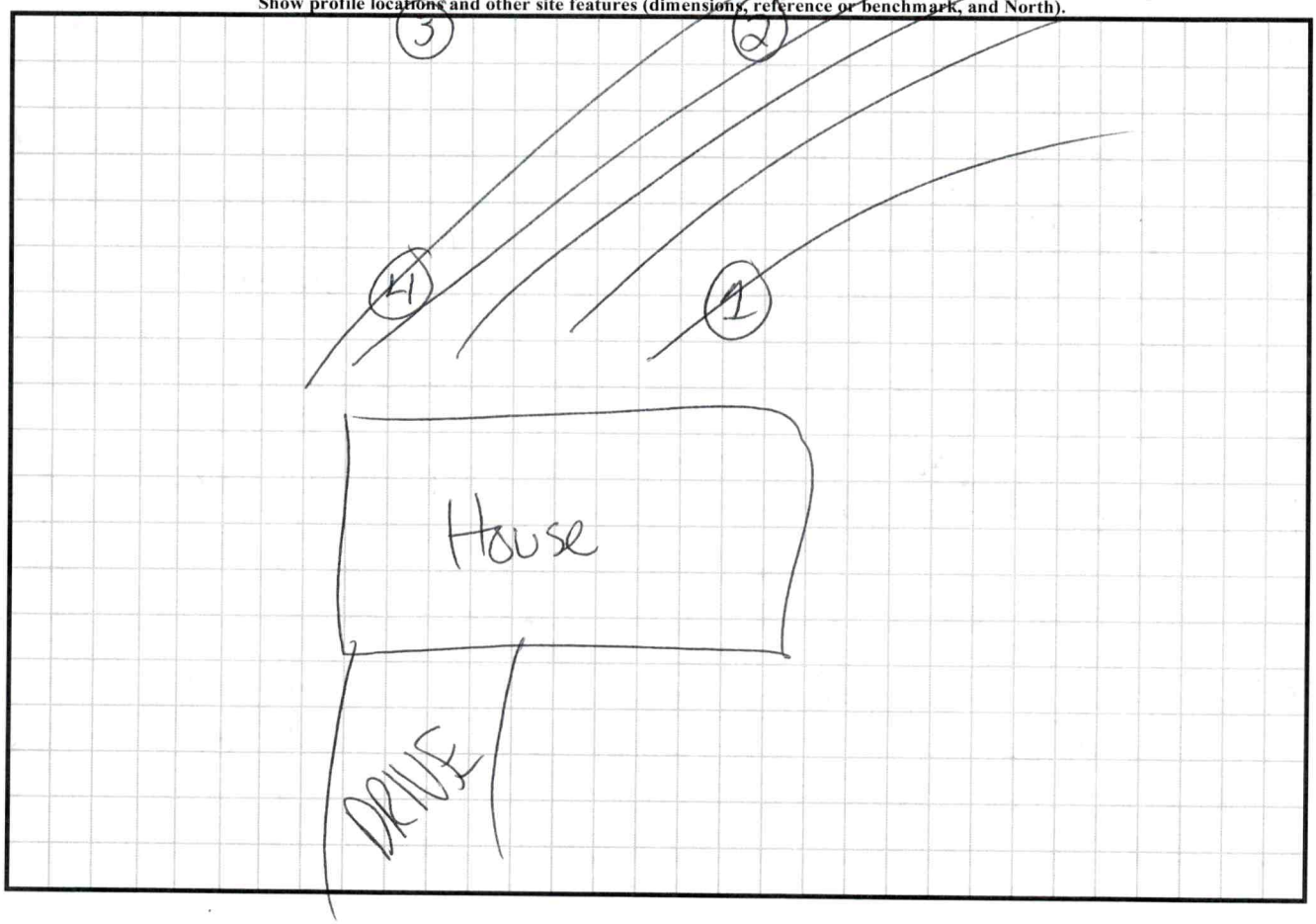
NOTES

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).



4762-31-7517
108
4762-31-7416
110
4762-31-7305
110
4762-31-7205
110
4762-31-6194
110
PB 33-70
Bethesda Rd
PB 77-126
223
4762-31-9674
4762-31-9574
225
45
100
100
222
221
46
4762-31-9464
100
100
222
219
47
4762-31-9364
100
100
221
48
4762-31-9254
217
100
100
221
49
213
4762-31-9154
112
120
PB 77-126
Mountain Island Dr
Kerr Walk D
4762-41-25
4762-41-13
197
4762-50-58
197

PERMIT SNAPSHOT REPORT OSWP-2023-30183 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	07/07/2023
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	On Hold	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	
Description:	Northlake Lot: 47 Septic	LINKED: BLDR-2023-33017			

Parcel: 4762319364.000 Main	**Address:** 219 Mountain Island Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Project Contact
Adams Homes AEC, LLC
Michelle Chavarria
100 West Garden St., 2Nd Floor
Pensacola, FL 32502

Project Contact
MAJ Permits Inc
3340 ROBINWOOD RD Suite 100538 3340 Robinwood Road, Suite 100538
Gastonia, NC 28054
Business: (704) 621-4664

Applicant/Authorized Agent
Adams Homes
3401-B St. Vardell Street
Charlotte, NC 28217

Soil Scientist
Lori Thorn
216 S. Swing Rd, Suite 1
Greensboro, NC 27409

Property Owner
ADAMS HOMES AEC LLC
3401 SAINT VARDELL LN
SUITE B
CHARLOTTE, NC 28217
Business: (704) 558-4527

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	49.0 x 54.0
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	0.51	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		

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Awaiting Additional Documents	DEBRA COMEAUX	08/08/2023 9:03	BLDR-2023-33017	NEEDS I/P AND A/C PERMIT ISSUED	Yes

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Adams_Homes_7/7/2023.jpg	07/07/2023 10:27	Homes, Adams		Uploaded via CSS
ATC -North lake lot 47 -soil_v1.pdf	07/07/2023 15:32	Sloan, Chrystal	Available Online	Additional Supporting Information
ATC -North lake lot 47 APP_v1.pdf	07/07/2023 15:32	Sloan, Chrystal	Available Online	Additional Supporting Information
ATC -North lake lot 47 -authorization_v1.pdf	07/07/2023 15:33	Sloan, Chrystal	Available Online	Authorize to Act as Agent
NL PHS 3 L47 PP_v1.pdf	07/07/2023 15:37	Sloan, Chrystal	Available Online	Site Plan
ATC -North lake lot 47 floor plans_v1.pdf	07/07/2023 15:37	Sloan, Chrystal	Available Online	Floor Plan(s)

PERMIT SNAPSHOT REPORT (OSWP-2023-30183)

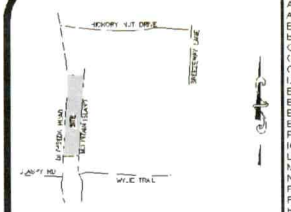
Workers Comp -Adams North lake lot 47_v1.pdf	07/07/2023 15:38	Sloan, Chrystal	Available Online	Additional Supporting Information

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-33017	Residential Building	New Single-Family Dwelling

Note	Created By	Date and Time Created
1. Called and emailed 8/10/23. Waiting to set up pits	Cory Whicker	08/10/2023 16:04

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00017111	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-00017111	$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		07/07/2023 10:32	07/07/2023 10:33
Confirm application complete v.1	Generic Action		07/07/2023 10:33
Fees v.1		08/02/2023 9:24	08/02/2023 9:24
Issue Invoice v.1	Generic Action		08/02/2023 9:24
Fees Paid v.1	Generic Action		08/02/2023 9:24
Zoning Review v.1		07/07/2023 10:32	08/02/2023 9:24
~~Floodplain Admin Overview v.1~~	Task		07/07/2023 15:41
Iredell County Zoning Approval v.1	Task	07/07/2023 10:32	08/02/2023 9:24
Issue Invoice v.1	Generic Action		07/07/2023 15:49
Fees Paid v.1	Generic Action		08/02/2023 9:24
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
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		



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
D/W=DRIVE-WAY
EB=ELECTRIC BOX
EM=ELECTRIC METER
EOP=EDGE OF PAVEMENT
ES=ELECTRIC PEDESTAL
FH=FIRE HYDRANT
ICV=IRRIGATION CONTROL VALVE
LP=LIGHT POLE
MTR=METER
N/F=NOW OR FORMERLY
PC=PORCH
PP POWER POLE
RCP=REINFORCED CONC PIPE
R/W=RIGHT OF WAY
SCO=CLEANOU
SW=SIDEWALK
TP=TELEPHONE PEDESTAL
TF=TRANSFORMER
WM=WATER METER
WV=WATER VALVE
○ CIP=EXISTING IRON PIPE
◉ IRON PIPE SET
○ CIR=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 CERTIFIED 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 (PROP. 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	2,614 SQ.FT.
DRIVE TO R/W	565 SQ.FT.
WALK	97 SQ.FT.
DECK	140 SQ.FT.
TOTAL	3,416 SQ.FT.

PLAT NORTH PB 77, PG 126-127

BETHESDA ROAD
60' PUBLIC R/W

N 02°53'25" E 100.00'

10' DRAINAGE & UTILITY EASEMENT

10' DRAINAGE & UTILITY EASEMENT

47
22,159± S.F.
0.51± AC.

N 86°51'00" W 221.36'

S 86°51'00" E 221.82'

48

46

PROPOSED 2100 SF
54.00'
14.00' PATIO
10.00'
48.00'
11.33' x 4.83' PORCH 16.17'
20.67'
12.17'
PROP CONC DRIVE

25.5'

37.0'

10' DRAINAGE & UTILITY EASEMENT

10' DRAINAGE & UTILITY EASEMENT

S 03°09'00" W 100.00'

MOUNTAIN ISLAND ROAD
50' PUBLIC R/W

GRAPHIC SCALE
40 0 20
1 inch = 40 ft

PRELIMINARY PLOT PLAN

PROJECT:	NORTHLAKE PHASE 3
DRAWN BY:	SEER
SURVEYED BY:	N/A
SCALE:	1"=40'
FIELD WORK:	N/A
DWG DATE:	03-06-2023

FOR
ADAMS HOMES
219 MOUNTAIN ISLAND DRIVE
LOT 47 NORTHLAKE SUBDIVISION PHASE 3
CHAMBERSBURG TWP., IREDELL CO., NC
P.B. 77, PG. 126-127

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

1	0-22	C	SBK	SAP inc in CL layer	.3 PS
	22-48	CL	SBK		

2	0-23	C	ABK	SAP inc in CL layer	.3 PS
	23-48	CL	SBK		

3	0-8	PLOW		SAP inc in CL layer	.3 PS
	8-30	C	ABK		
	30-48	CL	SBK		

4	0-8	PLOW		SAP inc in CL layer	.3 PS
	8-27	C	ABK		
	27-48	CL	SBK		

