CCN 304220

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 304220

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

PIN # 4761592406

APPLICANT/OWNER: Adams Homes APPLICANT ADDRESS: 3401 Saint Vardell Lane Suite B Charlotte NC 28217

SITE ADDRESS: 161 Northlake Drive Statesville NC 28677 PHONE: 704-621-4664 ALT. PHONE 704-884-1548

SITE DIRECTIONS: Bethesda Rd R on Northlake Drive Lot on L SAP CONTROLLED: ☐ YES ☒ NO

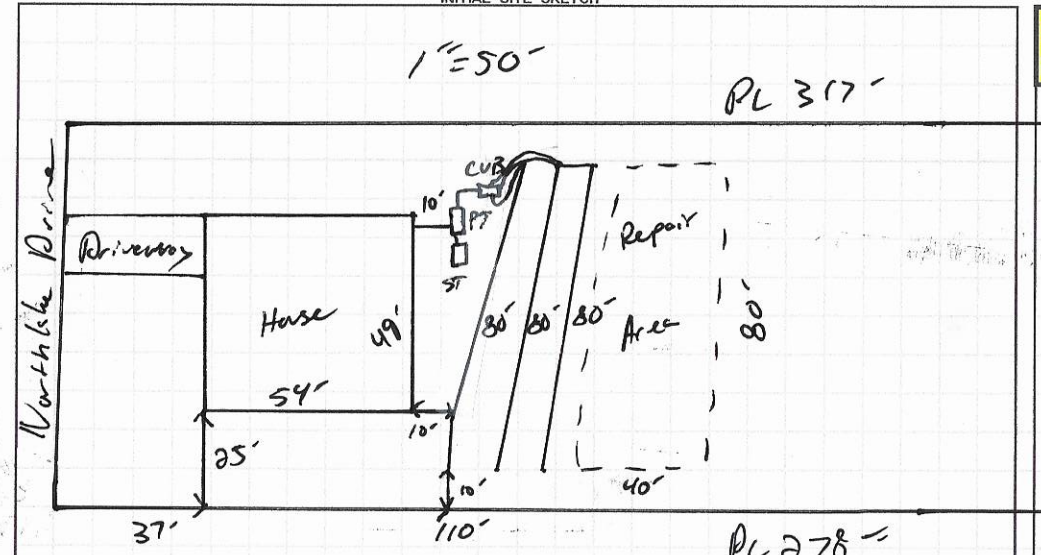
SUBDIVISION: Northlakes SECTION: 1 LOT# 52 LOT AREA: 0.67 DESIGN FLOW: 360gpd L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	Infiltrator	Date	Infiltrator	☒ 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:	50% Low Pressure			☐ Business	No. Persons	6	☐ Private
Pump Make	Zoeller	Model	BMS1C		Serial #		Repair System Description:	50% Low Pressure			☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines	3		Linear Ft:	240'	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(~~Low side~~)	Max 36		Gravel Depth	—		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install Drainlines on contour of land and use Central Valve Box for Distribution. If deck added must maintain Setbacks to deck.

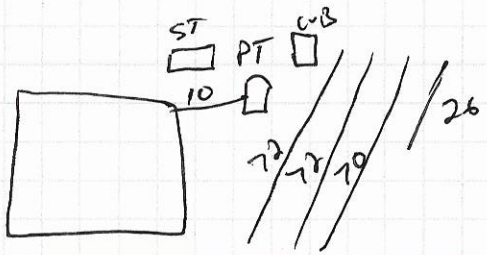
- 54 Panels
- Dose Volume 194 gallons
- 9.2' Drawdown
- 22.14 gpm

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC 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.



	Date	Initials
Drain Lines Checked	12-29	
Tanks Checked	12-28	
Pressure Manifold or Valve Box Checked	12-29	
Pressure Head Set	12-30	
Electrical Checked	12-30	
Floats Set	12-30	
Alarm Checked	12-30	
Maintenance Contract (Y) N	1-13-2021	
Comments:		

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: Acceptance of Permit Issued Date: 5-21-2020 Installed by: Precision Excavating

IMPROVEMENT PERMIT by: Date: 5-21-2020 OPERATION PERMIT by: Date: 12-30-2020

AUTHORIZATION TO CONSTRUCT by: Date: 5-22-2020 Existing System Inspected by: Date:

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

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

Sheet 1 of 1
PROPERTY ID #: 476159 2406
COUNTY: Iredell

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

OWNER: Adams Homes
ADDRESS: 3401 Saint Vardell Suite B Charlotte
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 161 Northlake Drive

APPLICATION DATE: 1-17-2020
DATE EVALUATED: 5-14-2020
PROPERTY SIZE: 0.67 Ac
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	10% SS	0-12	SBk SCL	Tr SS SP Semp	N/A	48+	N/A	N/A	.25
		12-37	ABk C						
		37-48	SBk CL						
2	10% SS	0-12	SBk SCL		N/A	48+	N/A	N/A	.3
		12-38	SBk C						
		38-48	SBk CL						
3	10% SS	0-12	SBk SCL		N/A	48+	N/A	N/A	.25
		12-28	ABk C						
		28-48	SBk CL						
4	10% SS	0-12	SBk SCL		F/B mottles @ 28+	48+	AP/A	N/A	.25
		12-28	ABk C						
		28-48	SBk CL						

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Boggs
OTHER(S) PRESENT:

COMMENTS:

New

~~RECEIVED JAN 17 2020~~

AP- 304220

RECEIVED FEB 12 2020

Paid $500.00

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Cynthia Bladning **Address:** 3401 Saint Vardell Lane, Suite B, Charlotte, NC **Zip:** 28217

Applicant Email: submit@majpermits.com **Phone:** (704) 621-4664 **Alt. Phone:** (704) 884-1548

Owner Name: Adams Homes AEC, LLC **Address:** 3401 Saint Vardell Lane, Suite B, Charlotte, NC **Zip:** 28217

Owner Email: charlottewarranty@adamshomes.com **Phone:** (704) 558-4527 **Alt. Phone:**

Property Information:

Street Address: 161 Northlake Drive, Statesville, NC 28677

Subdivision Name: Northlakes **Section/Phase:** -1- **Lot Number:** 52

Driving Directions: I-77 North, exit 42, right onto NC-115 / US-21 toward Troutman , Turn left onto US-21 N / NC-115 N, Turn right onto Ostwalt Amity Rd, Turn left onto Bethesda Rd, Turn right onto Northlake Dr

Site Development Information: *(check or complete ALL that apply*

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 3 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: ___ — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: ___ — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: ___
Non-Residential Site Development: Type of Business: ___
Square Footage of Building: ___ Max. Number of Employees: ___ Max. Number of Seats/Beds/Other: ___

Water Supply: ( ) Replacement Well – Reason: ___
( ) Multi-connection Well Number of Houses: ___ Number of Persons: ___

( ) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: ___
(X) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: ___

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: Cynthia Blanding — January 17, 2020

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

161 Northlake Drive, Statesville, NC 28677 Lot 52

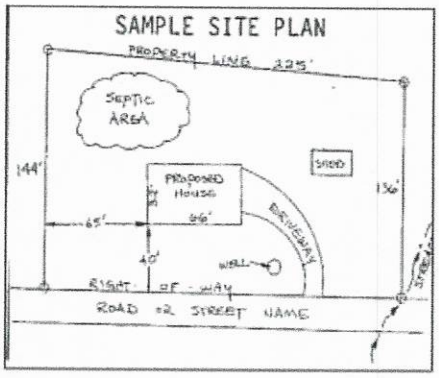
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

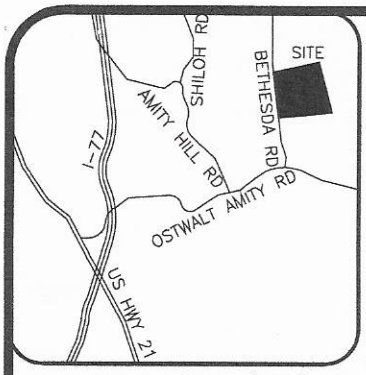
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

Please see attached

Signature: Cynthia Blanding
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

January 17, 2020
DATE



VICINITY MAP (NTS)

LEGEND

AC=AIR CONDITIONING UNIT
BOC=BACK OF CURB
DW=CONC DRIVEWAY
EB=ELECTRIC BOX
EOP=EDGE OF PAVEMENT
P=PATIO
PO=PORCH
SCO=CLEANOUT
SW=SIDEWALK
TP=TELEPHONE PEDESTAL
WM=WATER METER
IRON PIPE FOUND
IRON PIPE SET
NAIL SET

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

SHAWN T. RUMBERGER, PLS L-4909 DATE

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

NOTE: LOTS SHOWN HEREON ARE SUBJECT TO ANY AND ALL EASEMENTS, RIGHT OF WAYS, AND RESTRICTIONS OF RECORD.

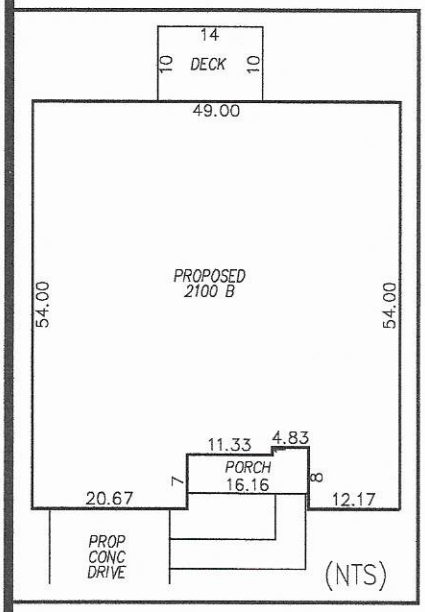
IMPERVIOUS AREA

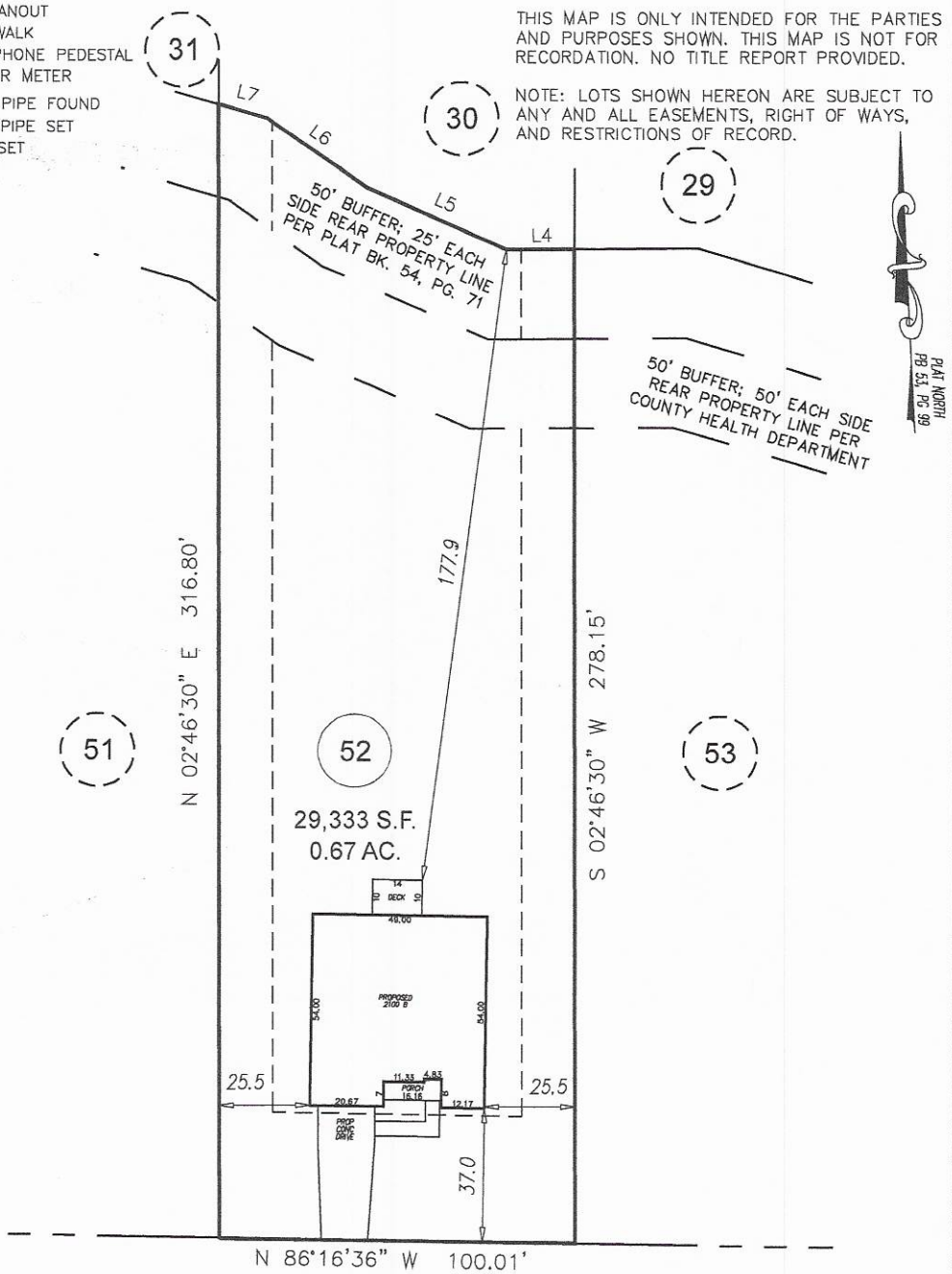
HOUSE	2,614 SQ.FT.
DRIVE TO R/W	592 SQ.FT.
WALK	97 SQ.FT.
DECK	140 SQ.FT.
TOTAL	3,443 SQ.FT.

SETBACKS

FRONT	35'
SIDE	15'
REAR	35'
SIDE STREET	25'

NOTE: ALL LOTS SUBJECT TO A 10' UTILITY & DRAINAGE EASEMENT. 10' ON EACH SIDE OF ALL PROPERTY LINES.





LINE	BEARING	DISTANCE
L4	S 87°39'17" E	19.09'
L5	S 63°46'31" E	42.93'
L6	S 52°25'43" E	33.86'
L7	S 70°47'52" E	14.30'

GRAPHIC SCALE

50 0 25

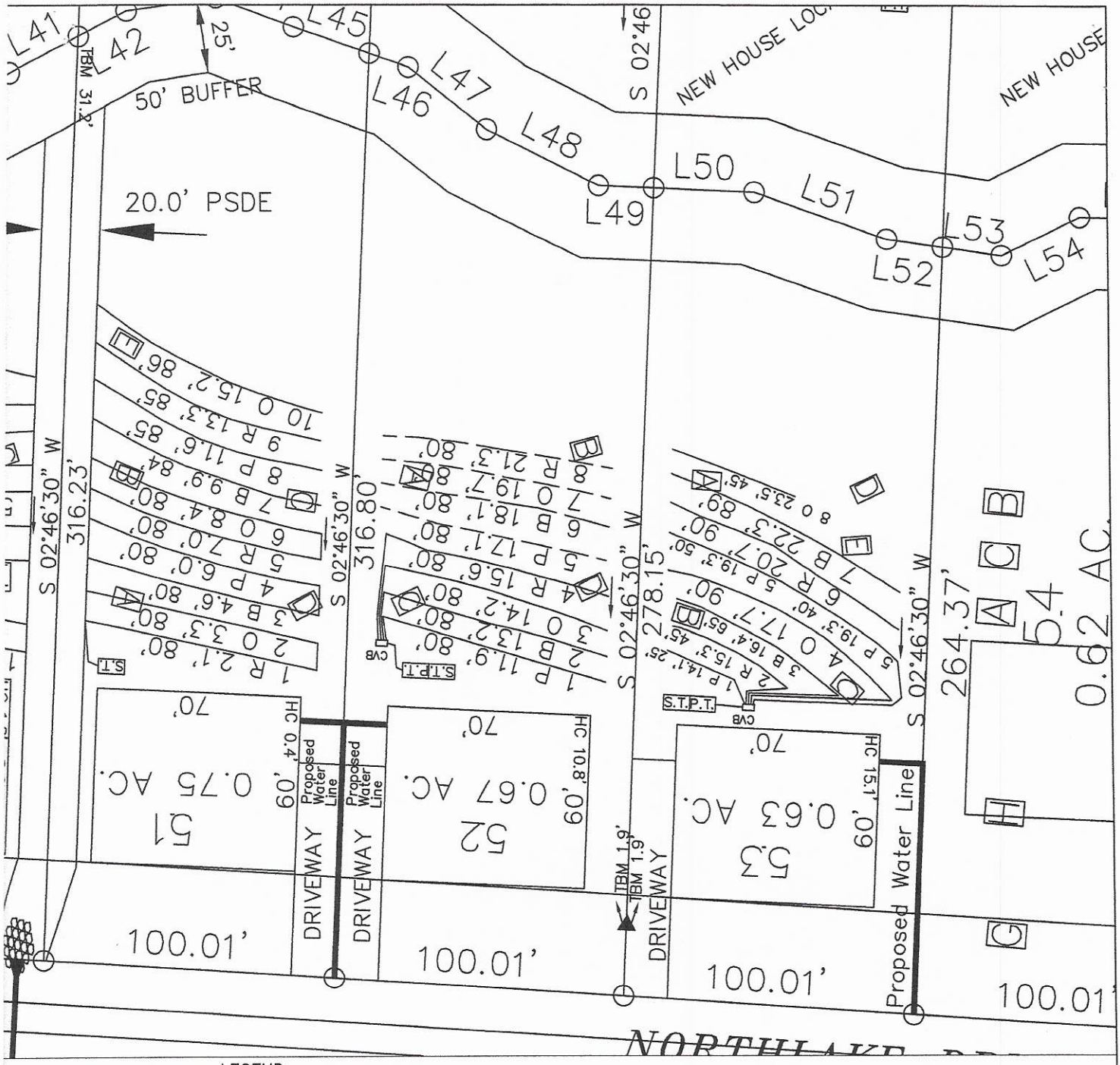
1 inch = 50 ft.

PRELIMINARY PLOT PLAN

PROJECT:	18-005 NORTHLAKES
DRAWN BY:	SEER
SCALE:	1"=50'
DATE:	01-06-2020

FOR
ADAMS HOMES CHARLOTTE
161 NORTHLAKE DRIVE, STATESVILLE
LOT 30 NORTHLAKE SUBDIVISION
CHAMBERSBURG TWP., IREDELL CO., NC
P.B. 54, PG. 71

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



LEGEND

House Box.

System lines.

Repair lines.

GRAPHIC SCALE

1" = 50'

50 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

ROLLANS SOIL & ENVIRONMENTAL SERVICES

70 NORTH BROAD STREET SUITE D
OORESVILLE, NC 28115
HONE: (704) 658-1723
AX: (704) 658-1724

BRADY FREEMAN, R.S.
MOBILE: (704) 746 - 6497
EMAIL: BFREE2096@YAHOO.COM

ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANS@WINDSTREAM.NET

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: NORTHLAKE SUBDIVISION

LOCATION/DATE: BETHESDA RD IREDELL COUNTY, NORTH CAROLINA FEBRUARY 2008

JOB # : 01-1391
FILE: C:\JOBS\01-1391
PROJECT MGR.: A.L.P
FIELD WORK: A.L.P.
DRAWN BY: A.L.P.

Northlake Lot: **52**

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Adams Homes NC, LLC, am the legal owner(s) of the property located at 161 Northlake Drive, Statesville, NC 28677, identified as PIN (Parcel Identification Number) 4761-592-406, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Cynthia Blanding, MAJ Permits Inc., to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

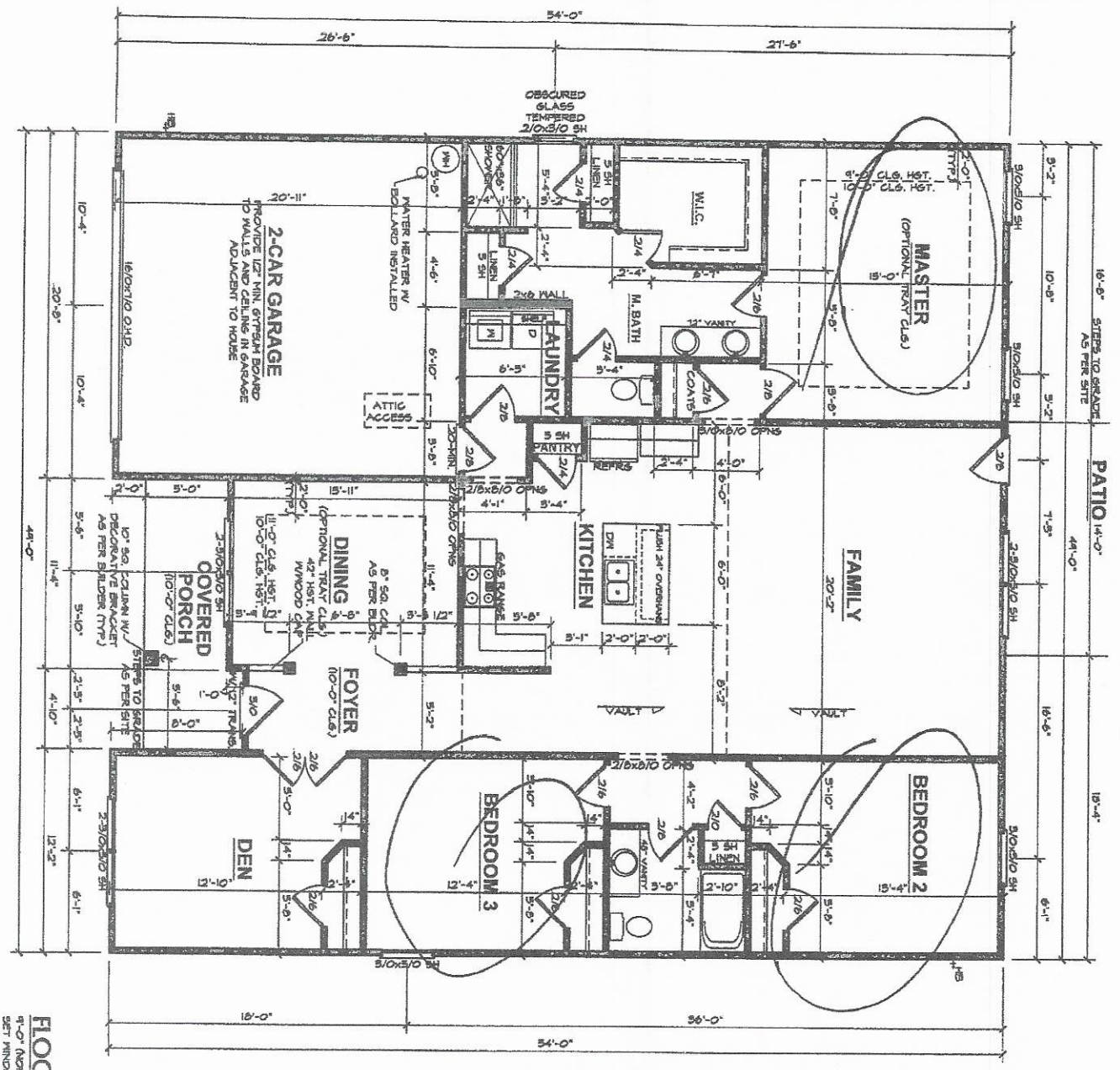
(X) MANAGER 7/19/2016
Signature of Owner(s) Date

(X) 7.19.16
Signature of Witness Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677



Date 5-31-2020

Date 1-11-20

Acknowledgement Of Plans Submittal ONLY!

FLOOR PLAN

9'-0" (NOM.) CLG. HGT. U.N.O.
SET WINDOWS @ 7'-0" U.N.O.

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

SHEET 3

DATE DRAWN 12-30-2019
REVISIONS
4200

2100 "B" FE (L) NR052

ADAMS HOMES AEC, LLC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
304220 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4761592406.000	161 NORTHLAKE DR	Iredell County

Owner Information	Applicant Information
Name: ADAM HOMES AEC LLC	Name: ADAMS HOMES AEC LLC
Address:	Address: 3401 SAINT VARDELL LN SUITE B
,	CHARLOTTE, NC 28217
Phone:	Phone: (704)558-4527

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.67	35	35	15	15	N/A	NO

Remarks
SFD need disclaimer and EH

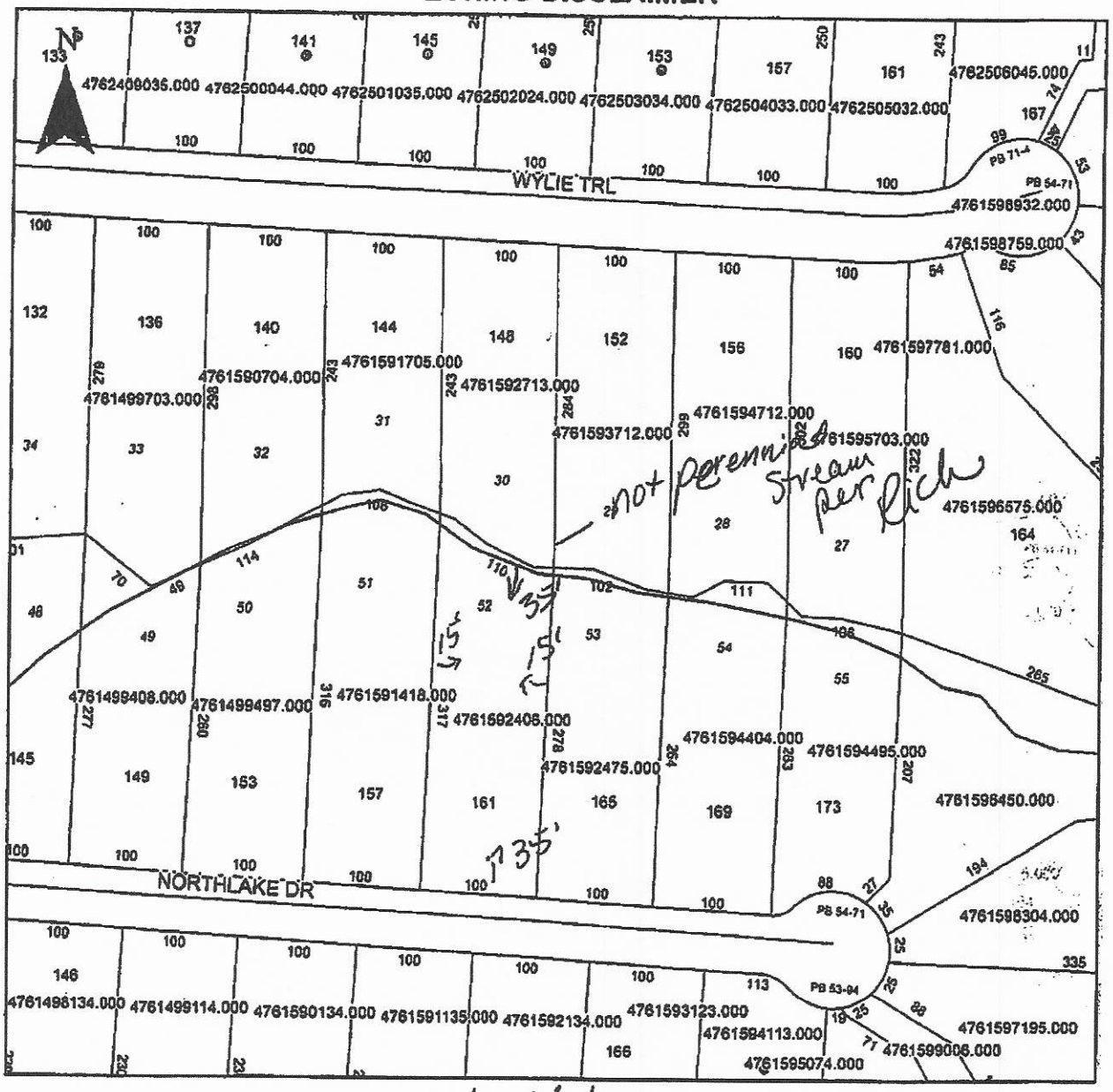
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Date: 01/21/2020

Signature of Owner/Contractor

Permit Number	304220	TOTAL FEES:	$77.25

ZONING DISCLAIMER



Property Address 161 Northlake

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that the enforcement of deed restrictions, plat conditions, and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant

1-22-20
Date