CON

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP-304520

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

PIN # 4761 -59 -2475

APPLICANT/OWNER: ADAMS HOMES AEC LLC. | APPLICANT ADDRESS: 3401 SAINT VARDELL LANE, SUITE B, CHARLOTTE, N.C. 28217

SITE ADDRESS: 165 NORTHLAKE DRIVE, STATESVILLE, N.C. 28677 | PHONE: 704-553-4527 | ALT. PHONE 704-621-4664

SITE DIRECTIONS: (E) ON 70, (R) ON BETHESDA, (L) ON NORTHLAKE DRIVE, LOT ON (L) | SAP CONTROLLED: ☐ YES ☑ NO

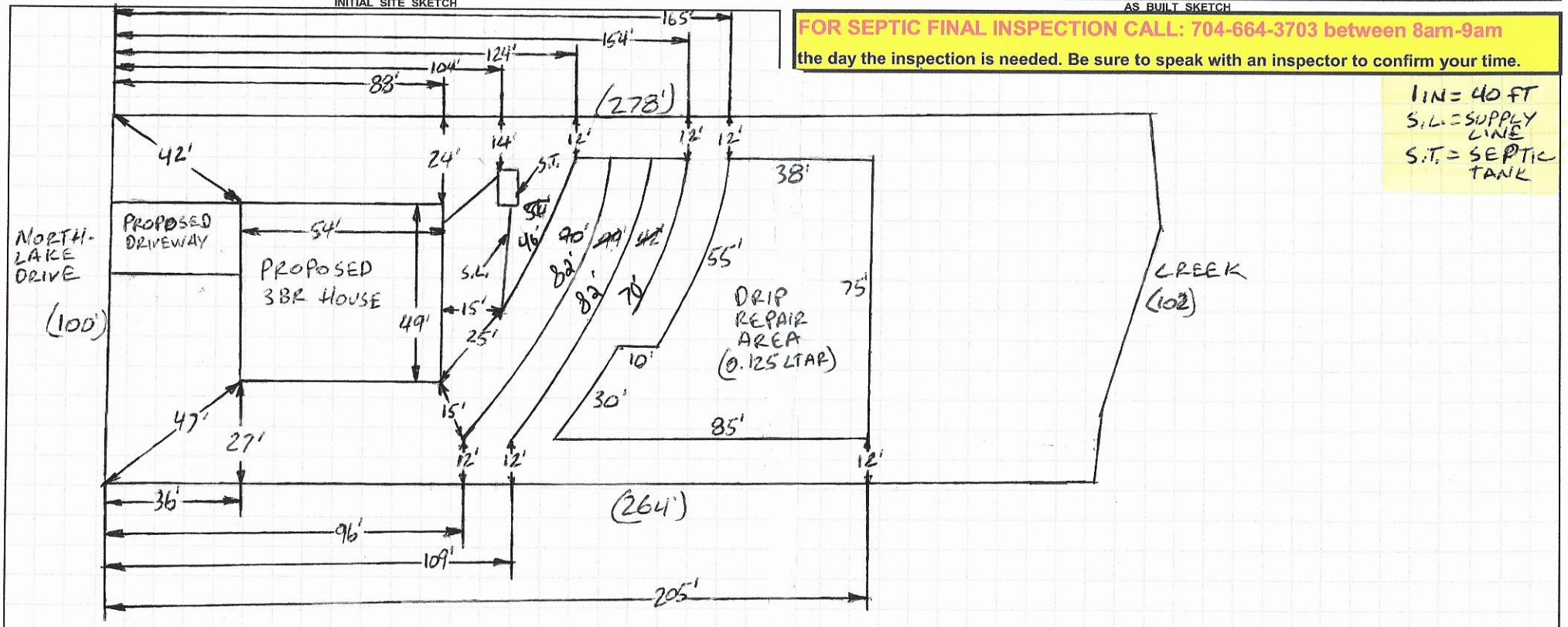
SUBDIVISION: NORTHLAKE | SECTION: 1 | LOT# 53 | LOT AREA: 0.63 AC | DESIGN FLOW: 360GPD | L.T.A.R.: 0.325 (0.125 REPAIR)

Septic Tank	1000 (gal)	STB		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:	DRIP IRRIGATION		
# Nitrification Fields	1	# Lines	4	Linear Ft:	280FT	Maintenance Agreement Required:	☐ YES	☐ NO	
Trench Width	36 IN	Trench Bottom Depth(Low side)	24 IN	Gravel Depth	—	☐ GRAVITY	☐ PRESSURE		

☑ 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			

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, PROPERTY AND 50FT BUFFER MUST BE MARKED AT TIME OF INSTALLATION

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 IN = 40 FT
S.L. = SUPPLY LINE
S.T. = SEPTIC TANK

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: Cynthia Blount | Date: 9/9/20 | Installed by: Preston Excavating

IMPROVEMENT PERMIT by: Bradford C. Whitaker | Date: 8-31-2020 | OPERATION PERMIT by: [signature] | Date: 3-9-2021

AUTHORIZATION TO CONSTRUCT by: Bradford C. Whitaker | Date: 8-31-2020 | 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 2
PROPERTY ID #: 4761592475
COUNTY: IREDELL

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

OWNER: ADAM HOMES AEC, LLC.
ADDRESS: 3401 SAINT VARDELL LANE, SUITE B, CHARLOTTE, N.C. 28217
APPLICATION DATE: 4-16-2020
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360GPD
DATE EVALUATED: 7-14-2020
LOCATION OF SITE: 165 NORTHLAKE DRIVE, STATESVILLE, N.C. 28677
PROPERTY SIZE: 0.63AC
WATER SUPPLY: ☐ Private ☑ ~~Public~~ ☐ Well ☐ Spring ☐ Other
PROPERTY RECORDED: YES
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	LINEAR SIDE 12%	0-12	SL, SBK	FR, SS, SP, SE/P	MANY SAP INC FEW FI	60"+	NA	NA	PS .325
		12-30	C, SBK	FR, S, P, SE/P					
		30-60	CL/MSBK	VFR, SS, SP, SE/P					
2	LINEAR SIDE 15%	0-12	SL, SBK	FR, SS, SP, SE/P	MANY SAP INC FEW FI	60"+	NA	NA	PS .325
		12-29	C, SBK	FR, S, P, SE/P					
		29-60	CL, WSBK	VFR, S, SP, SE/P					
3	LINEAR SIDE 5%	0-15	SL, SBK	FR, SS, SP, SE/P	MANY SAP INC	28"	NA	ROCK 28"	PS .125 DRIP
		15-28	CL, WSBK	VFR, SS, SP, SE/P					
		28+	ROCK	RHR					
4	LINEAR SIDE 12%	0-5	SL, SBK	FR, SS, SP, SE/P	MANY SAP INC FEW FI	60"+	PS II ~~NA~~ SL	NA	PS .325
		5-28	C, SBK	FR, S, P, SE/P					
		28-46	CL, WSBK	VFR, S, SP, SE/P					
		46-60	SAP, MASS	VFR/VS, NP, SE/P					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	DRIP
Site LTAR	0.325	0.125

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Benjamin C. Mullis
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) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1	0.2 - 0.05		
			None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

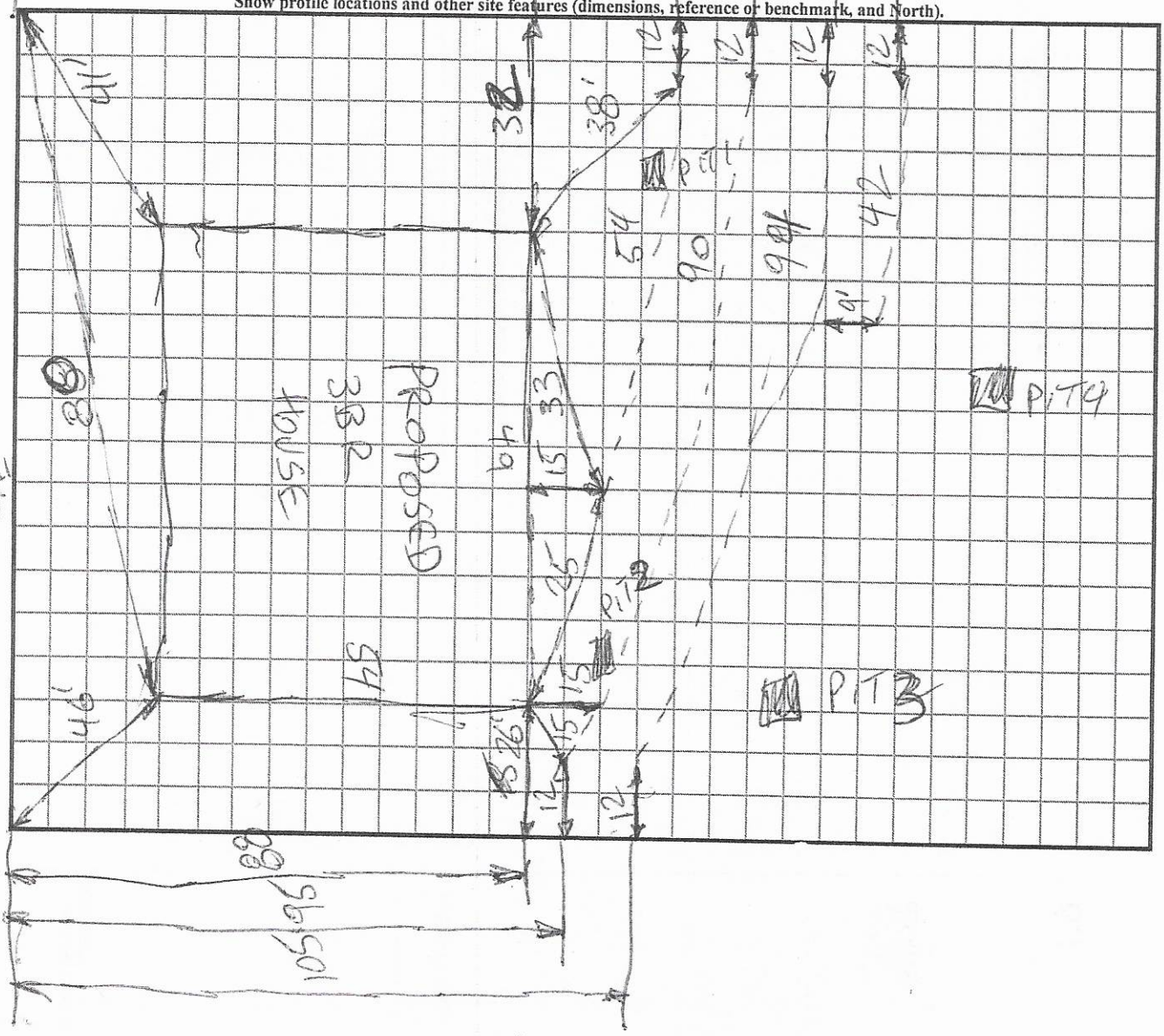
NOTES

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).



RECEIVED APR 1 6 2020

Paid $ 500.00

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

AP- 304520

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: 165 Northlake Drive, Statesville, NC 28677
Subdivision Name: Northlakes Section/Phase: _____ Lot Number: 53
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*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: _____
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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 Bladning April 16, 2020
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

165 Northlake Drive, Statesville, NC 28677 Lot 53

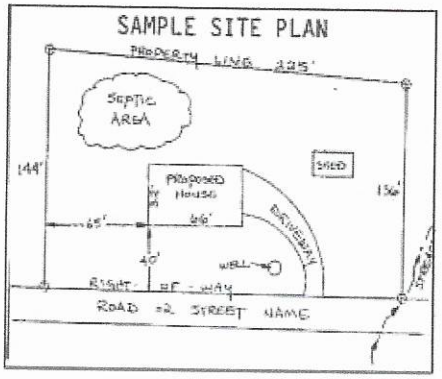
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

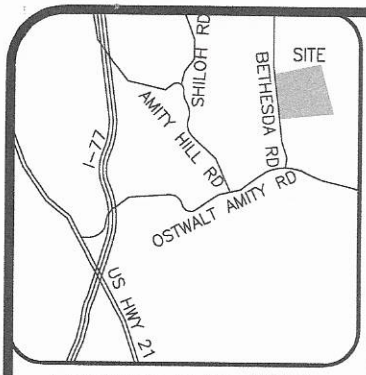
Please see attached

Signature: Cynthia Blanding

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

April 16, 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

PLAT NORTH
M.B. 53, PG. 94

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.

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.

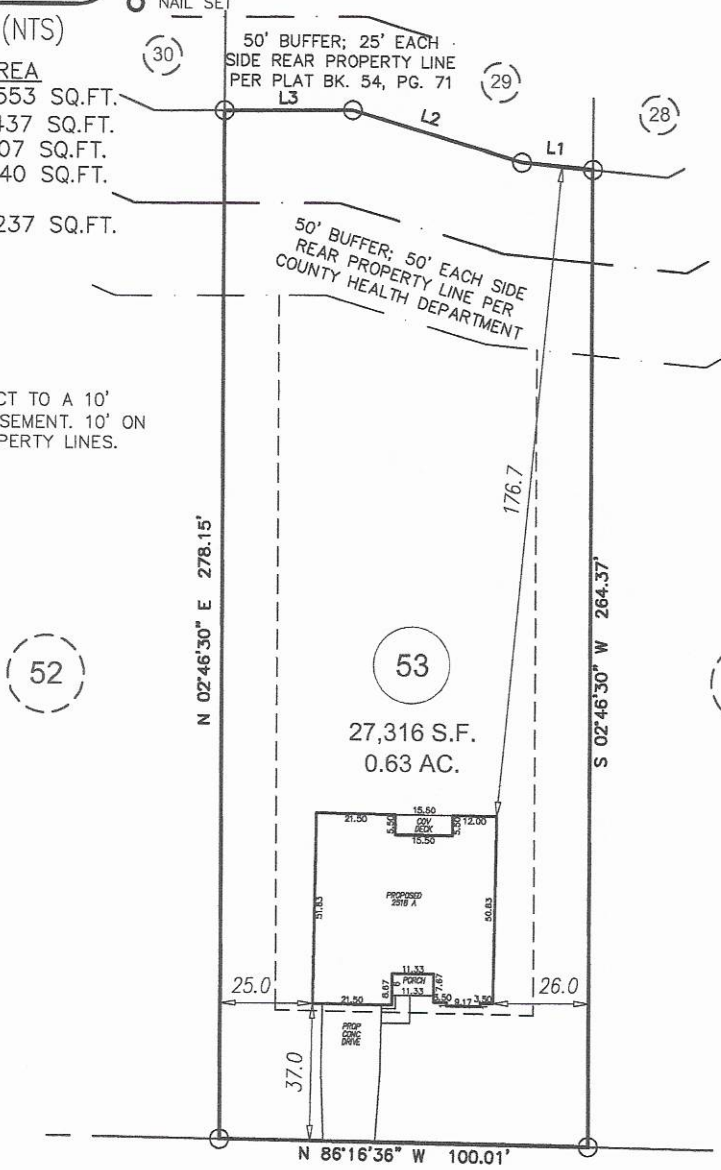
4. PROPERTY MAY BE SUBJECT TO ANY/ALL EASEMENTS AND RESTRICTIONS OF RECORD. THIS SURVEY IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND OR DEEDED AND HAS BEEN PREPARED IN CONFORMITY WITH NORTH CAROLINA STANDARDS, G.S. 47-30, AND REQUIREMENTS OF LAW, BUT WITHOUT A FULL TITLE REPORT. A NORTH CAROLINA 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.

IMPERVIOUS AREA	
HOUSE	2,553 SQ.FT.
DRIVE TO R/W	1,437 SQ.FT.
WALK	107 SQ.FT.
DECK	140 SQ.FT.
TOTAL	4,237 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.



(NTS)

GRAPHIC SCALE

50 0 25

1 inch = 50 ft.

NORTHLAKE DRIVE
50' PUBLIC R/W

PRELIMINARY
PLOT PLAN

LINE	BEARING	DISTANCE
L1	S 81°46'20" E	19.33'
L2	S 70°27'49" E	48.05'
L3	S 87°39'17" E	34.75'

ECLS

PROJECT:	18-005 NORTHLAKES
DRAWN BY:	CKR
SCALE:	1"=50'
DATE:	04-01-2020

FOR
ADAMS HOMES CHARLOTTE
165 NORTHLAKE DRIVE, STATESVILLE
LOT 53 NORTHLAKE SUBDIVISION
CHAMBERSBURG TWP., IREDELL CO., NC
P.B. 53, PG. 94

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

Northlake Lot: **53**

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 NE, LLC, am the legal owner(s) of the property located at 165 Northlake Drive, Statesville, NC 28677, identified as PIN (Parcel Identification Number) 4761-592-475, 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.

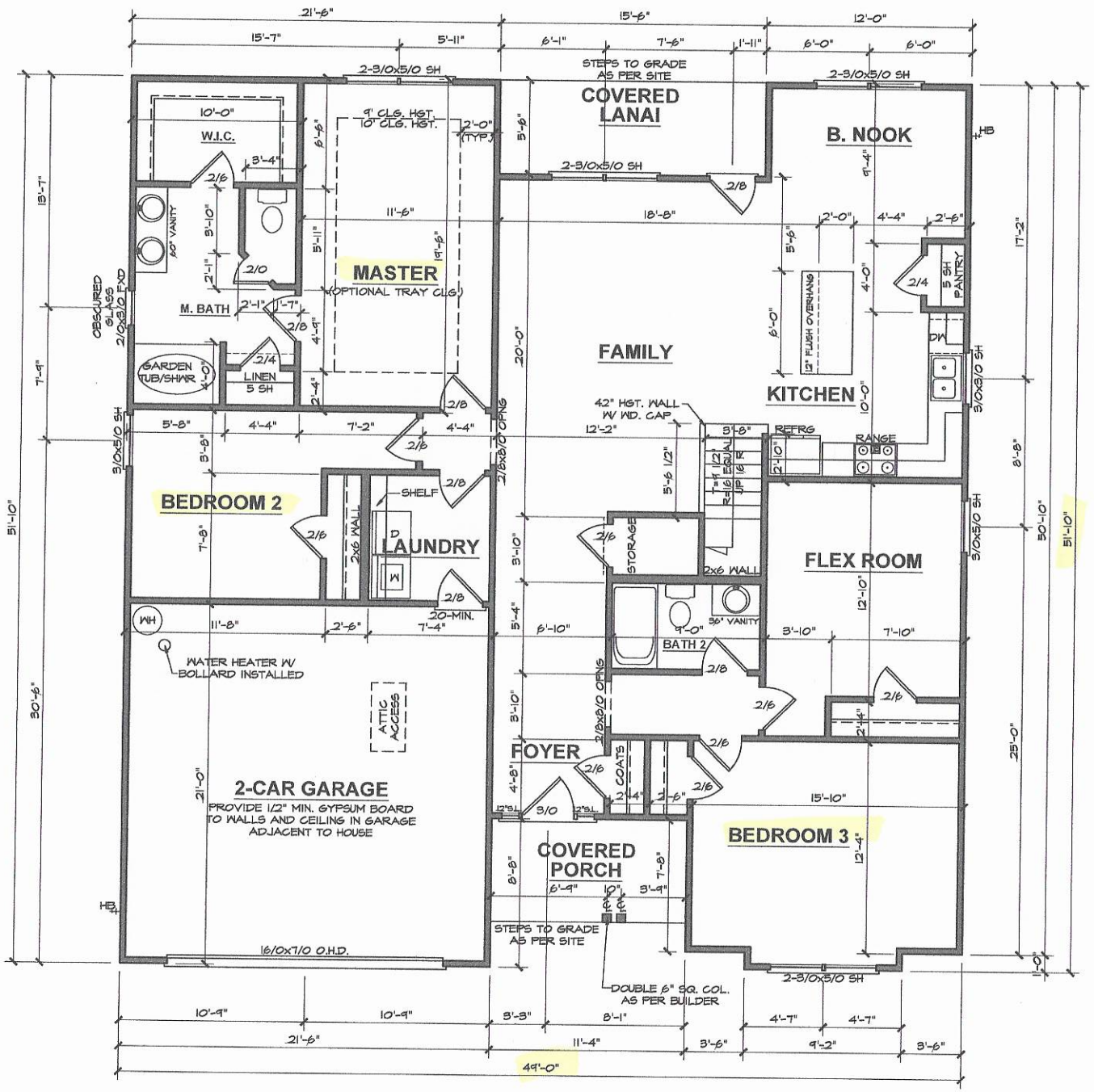
X MANAGER 7/19/2016
Signature of Owner(s) Date

Signature of Witness 7.19.16
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



ADAMS HOMES AEC, LLC

2518 "A" FE (L) NR053

Acknowledgement Of Plans Submittal ONLY!
Cynthia Brooks Date 9/4/20
Bryant Lanier Date 8-31-2020

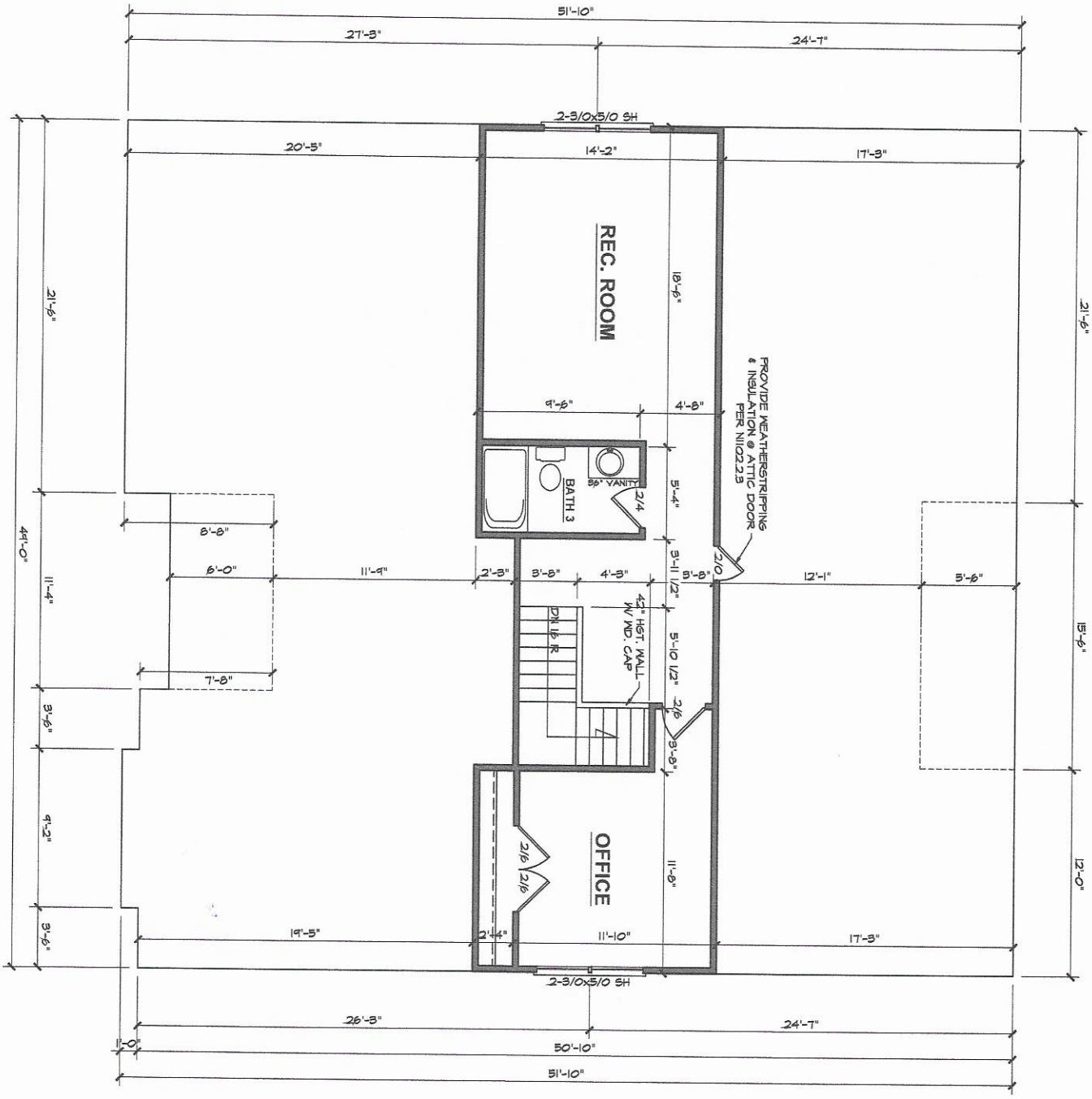
DATE DRAWN
4/1/2020
REVISIONS
4840

SHEET 3

FIRST FLOOR PLAN

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

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



Acknowledgement Of
Plans Submittal ONLY!
Date 9/9/20
Date 8-31-2020

SECOND FLOOR PLAN

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

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

2518 "A" FE (L) NR053

SHEET 4

DATE DRAWN 4/1/2020
REVISIONS 4340

ADAMS HOMES AEC, LLC

IREDELL COUNTY · NC

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

APPLICATION NUMBER
304520
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4761592475.000	165 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
0.63	35	35	15	15	N/A	NO

Remarks
SFD

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.

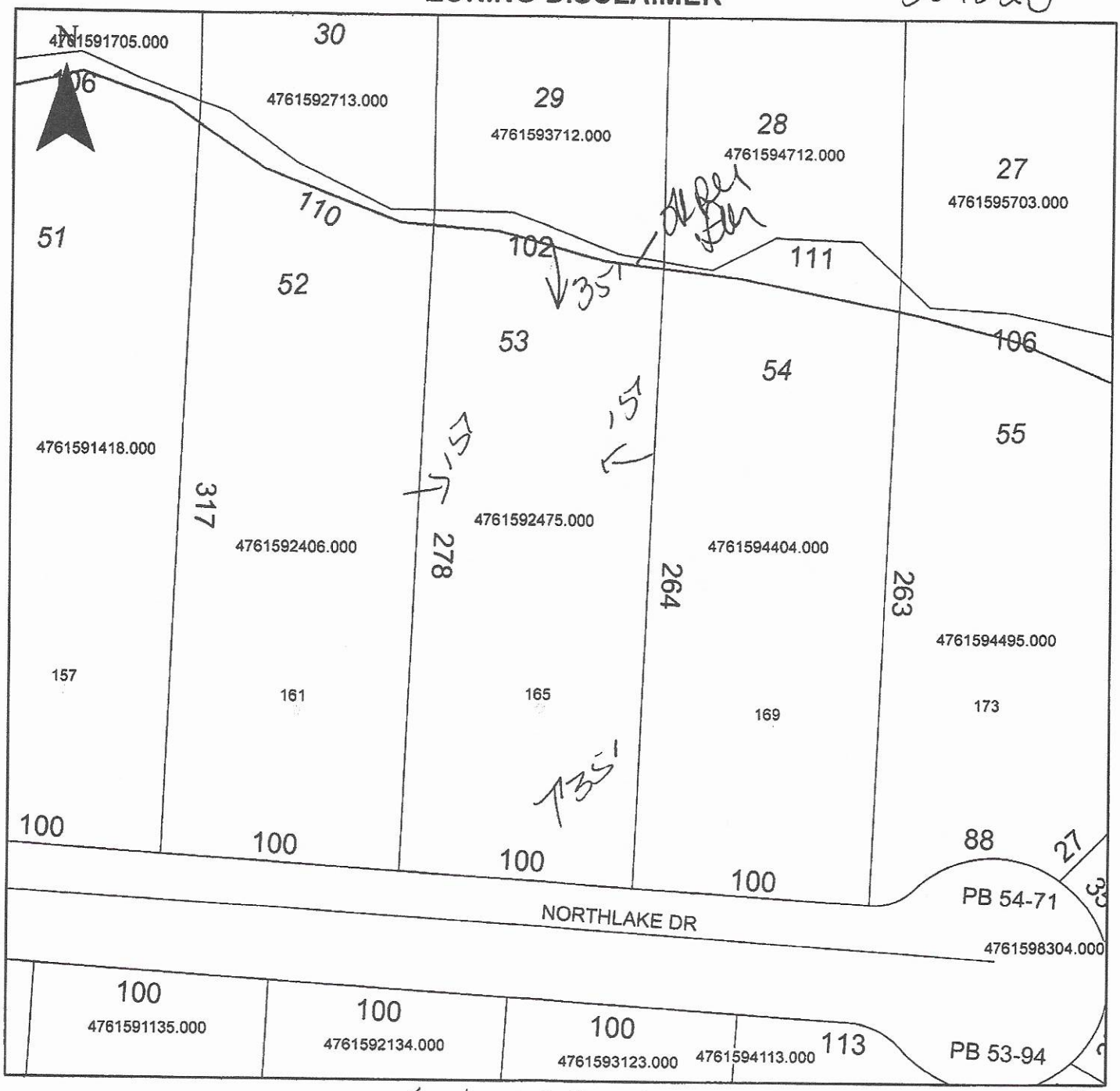
Signature of Owner/Contractor

Date: 02/12/2020

Permit Number	304520	TOTAL FEES:	$77.25

ZONING DISCLAIMER

304520



Property Address 165 Northlake

.03 RA NN

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

Date