# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # AP-304223

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

PIN # 4761497127

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

SITE ADDRESS: 142 NORTHLAKE DRIVE, STATESVILLE, NC 28677 PHONE: 704-361-5437 ALT. PHONE 704-412-1079

SITE DIRECTIONS: (E) ON 70, (R) ON BETHESDA, (L) ON NORTHLAKE DRIVE, LOT ON (R)

SAP CONTROLLED: ☐ YES ☑ ~~NO~~

SUBDIVISION: NORTHLAKE SECTION: P1 LOT # 68 LOT AREA: 0.53 AC DESIGN FLOW: 360GPD L.T.A.R.: 0.3 / REPAIR (0.1)

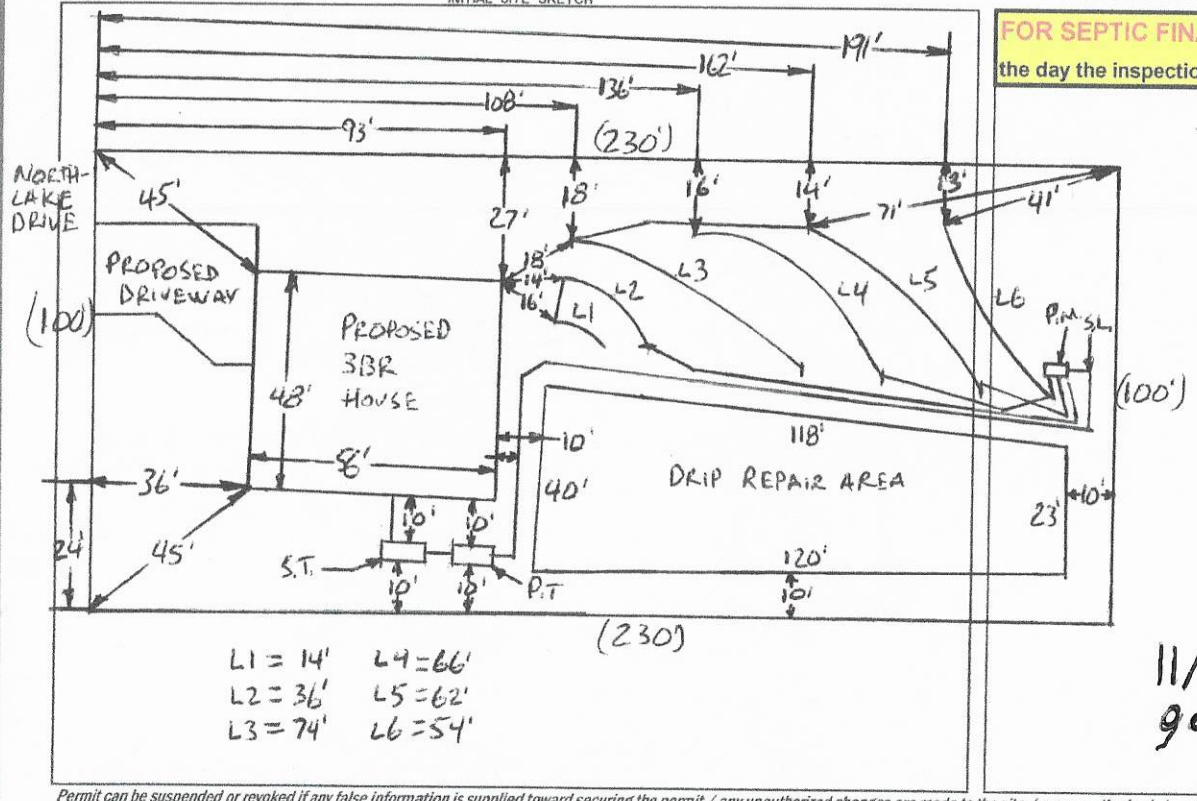
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB 760 | Date | 6-14-2020 | ☑ New System | ☐ Repair | ☐ Expansion | System Type: I II (III) IV V VI | ☑ Residence | No. Bedrooms 3 |
| Pump Tank | 1000 | (gal) | PT 363 | Date | 6-29-2020 | System Description: | 25% REDUCTION - P.M. | | | ☐ Business | No. Persons 6 |
| Pump Make | Zoeller | | Model | | | Repair System Description: | DRIP | | | ☐ Other | No. Employees — |
| # Nitrification Fields | 1 | | # Lines | 6 | | Serial # | | | | ☐ Slab | ☑ Crawl Space |
| Trench Width | 36 IN | | Trench Bottom Depth(Low side) | 20 IN | | Linear Ft 306 FT | | | | ☐ Basement w/plumbing | ☐ Basement w/o plumbing |
| | | | | | | Maintenance Agreement Required: | ☐ YES | ☑ ~~NO~~ | | | |
| | | | | | | Gravel Depth — | ☐ GRAVITY | ☑ PRESSURE | | | |

**Water Supply**: ☐ Private ☑ ~~Public~~ ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE PRESSURE MANIFOLD DISTRIBUTION, 6 IN OF COVER MUST BE MAINTAINED OR COUNTY APPROVED COVER IS REQUIRED

DO NOT EXCEED A MAX TRENCH DEPTH OF 25 IN

INITIAL SITE SKETCH




L1 = 14' L4 = 66'
L2 = 36' L5 = 62'
L3 = 74' L6 = 54'

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.

TAPS
- L1+L2 = 1/2 SCH80
- L3+L5 = 3/4 SCH 40
- L4+L6 = 3/4 SCH 40
- GPM = 30.48
- DOSE VOLUME = 142 GAL
- RUN TIME = 5 MINS
- DRAW DOWN = 7 IN

1 IN = 40 FT
S.T. = SEPTIC TANK
P.T. = PUMP TANK
S.L. = SUPPLY LINE
P.M. = PRESSURE MANIFOLD

TANKS NEEDS FILTER P.T. NEEDS RISER - Filter ok.
* Need Pump info - Lines ok.
alarm ✓
pressure ✓
needs electrical

11/13/2020: Brakes checked and good.

*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: Permit Acceptance Form Rec'd Date: 7-1-20 Installed by: PRECISION

IMPROVEMENT PERMIT by: Burkhart C. White Date: 6-25-2020 OPERATION PERMIT by: Patrick J Boyle III Date: 11/13/2020

AUTHORIZATION TO CONSTRUCT by: Burkhart C. White Date: 6-25-2020 Existing System Inspected by: Date:

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

# SOIL/SITE EVALUATION

*(Continuation Sheet-Complete all field in full)*



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

PROPERTY ID #: 476149 7127
DATE OF EVALUATION: 6-10-2020
COUNTY: IREDELL

| 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 SIDE 12% | 0-5 | SL, SBK | FR, SS, SP, SEXP | GRAVELLY SAP INC THRU OUT | 60"+ | NA | NA | PS .325 |
| | | 5-18 | C, SBK | FR, S, P, SEXP | | | | | |
| | | 18-60 | SCL, WSBK | VFR, SS, SP, SEXP | | | | | |
| 2 | LINEAR SIDE 12% | 0-16 | SL, SBK | FR, SS, SP, SEXP | REDOX Y/B MOT 30"+ 10YR 6/2 @ 38" | 60"+ | NA | NA | PS .25 ABOVE 30" |
| | | 16-60 | SC, ABK | FI, S, P, SEXP | | | | | |
| 3 | LINEAR SIDE 10% | 0-14 | SL, SBK | FR, SS, SP, SEXP | REDOX Y/B MOT 18"+ 10YR 6/2 @ 30" | 60"+ | NA | NA | PS .2 ABOVE 30" OR 0.1 ORIP |
| | | 14-60 | SC, WABK | FI, S, P, SEXP | | | | | |
| 4 | LINEAR SIDE 8% | 0-16 | SL, SBK | FR, SS, SP, SEXP | GRAVELLY SAP INC THRU OUT | 60"+ | NA | NA | PS .3 |
| | | 16-30 | C, SBK | FR, S, P, SEXP | | | | | |
| | | 30-60 | SCL, WSBK | VFR, SS, SP, SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

COMMENTS:

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

Sheet 1 of 1
PROPERTY ID #: 47E449127
COUNTY: IREDELL

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

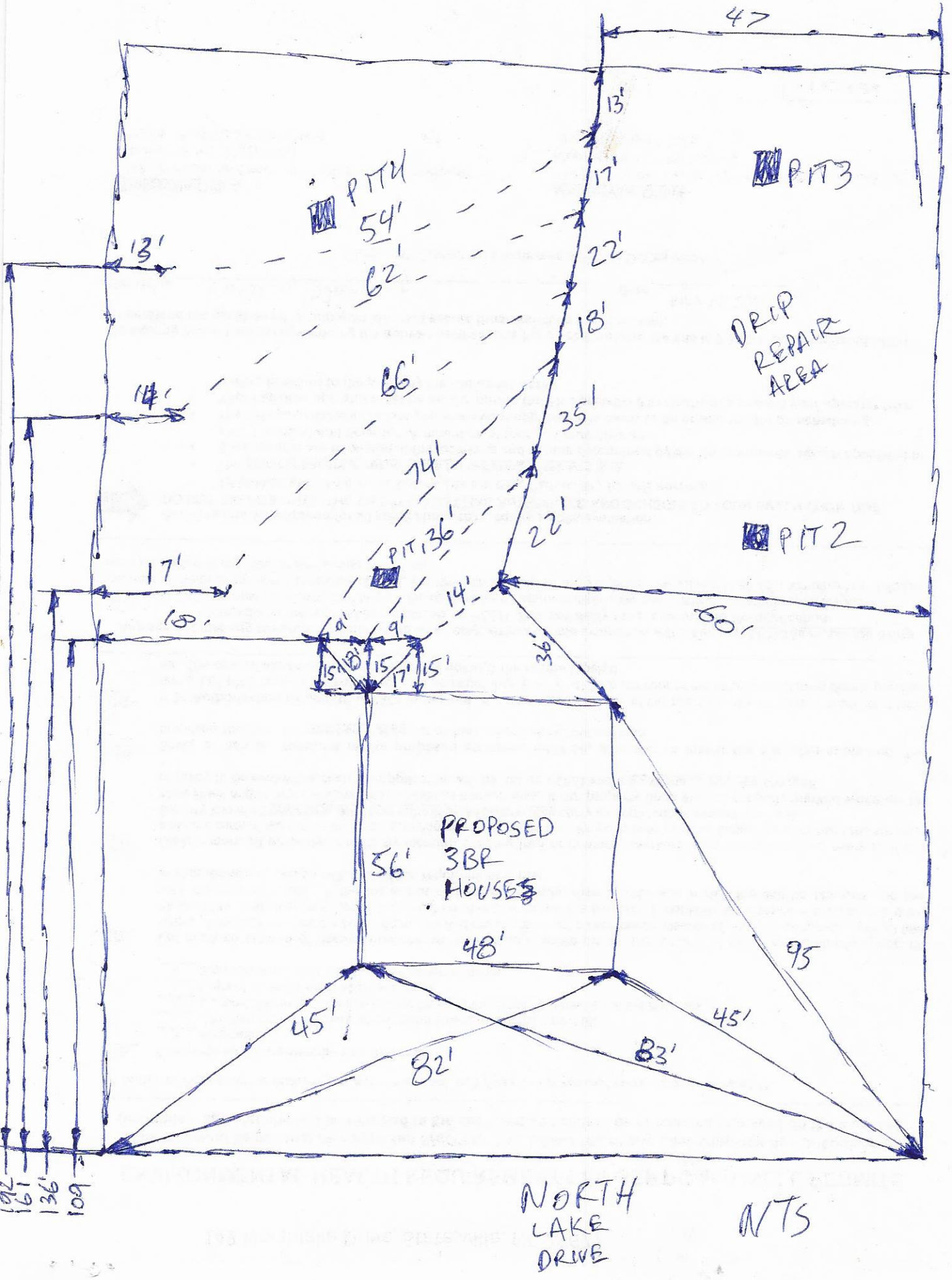
OWNER: ADAMS HOMES AEL LLC
ADDRESS: 3401 SAINT VARDELL LANE, SUITE B, CHARLOTTE, NC 28217
APPLICATION DATE: 5-14-2020
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360GPD
DATE EVALUATED: 6-10-2020
LOCATION OF SITE: 142 NORTH LAKE DRIVE, STATESVILLE, NC. 28677
PROPERTY SIZE: 0.53 AC
PROPERTY RECORDED: 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) | | OTHER PROFILE FACTORS | | | | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | | | .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | |
| 1 | | | | | | | | | |
| 2 | | | | PLEASE SEE | | | | | |
| 3 | | | | PAGE 2 | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% | DRIP |
| Site LTAR | 0.3 | 0.1 |

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bernard C. White
OTHER(S) PRESENT:

COMMENTS:


47
13'
17'
22'
18'
35'
22'
14'
60'
PIT 4
PIT 3
PIT 2
PIT
54'
62'
66'
74'
36'
13'
14'
17'
18'
9'
6'
15'
13'
15'
17'
15'
36'
DRIP
REPAIR
AREA
PROPOSED
3BR
HOUSE
56'
48'
45'
82'
83'
45'
95
92'
161'
136'
109'
NORTH
LAKE
DRIVE
NTS

Revised Application

RECEIVED MAY 1 4 2020

# 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:** 142 Northlake Drive, Statesville, NC 28677

**Subdivision Name:** Northlakes **Section/Phase:** **Lot Number:** 68

**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 Bladning — May 14, 2020
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

142 Northlake Drive, Statesville, NC 28677 Lot 68

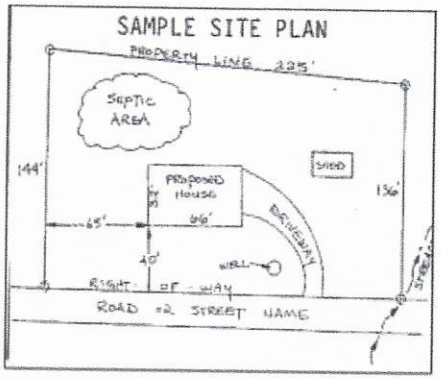
# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

## *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***

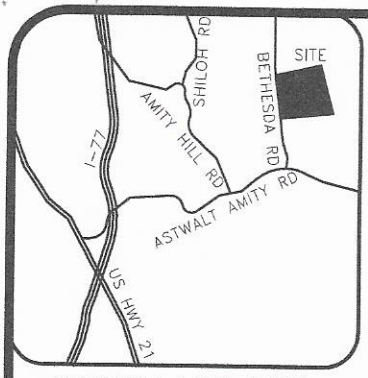
Please see attached

**Signature:** Cynthia Blanding

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

May 14, 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

IMPERVIOUS AREA

| | |
|---|---|
| HOUSE | 2,318 SQ.FT. |
| DRIVE TO R/W | 641 SQ.FT. |
| WALK | 80 SQ.FT. |
| TOTAL | 3,039 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.

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

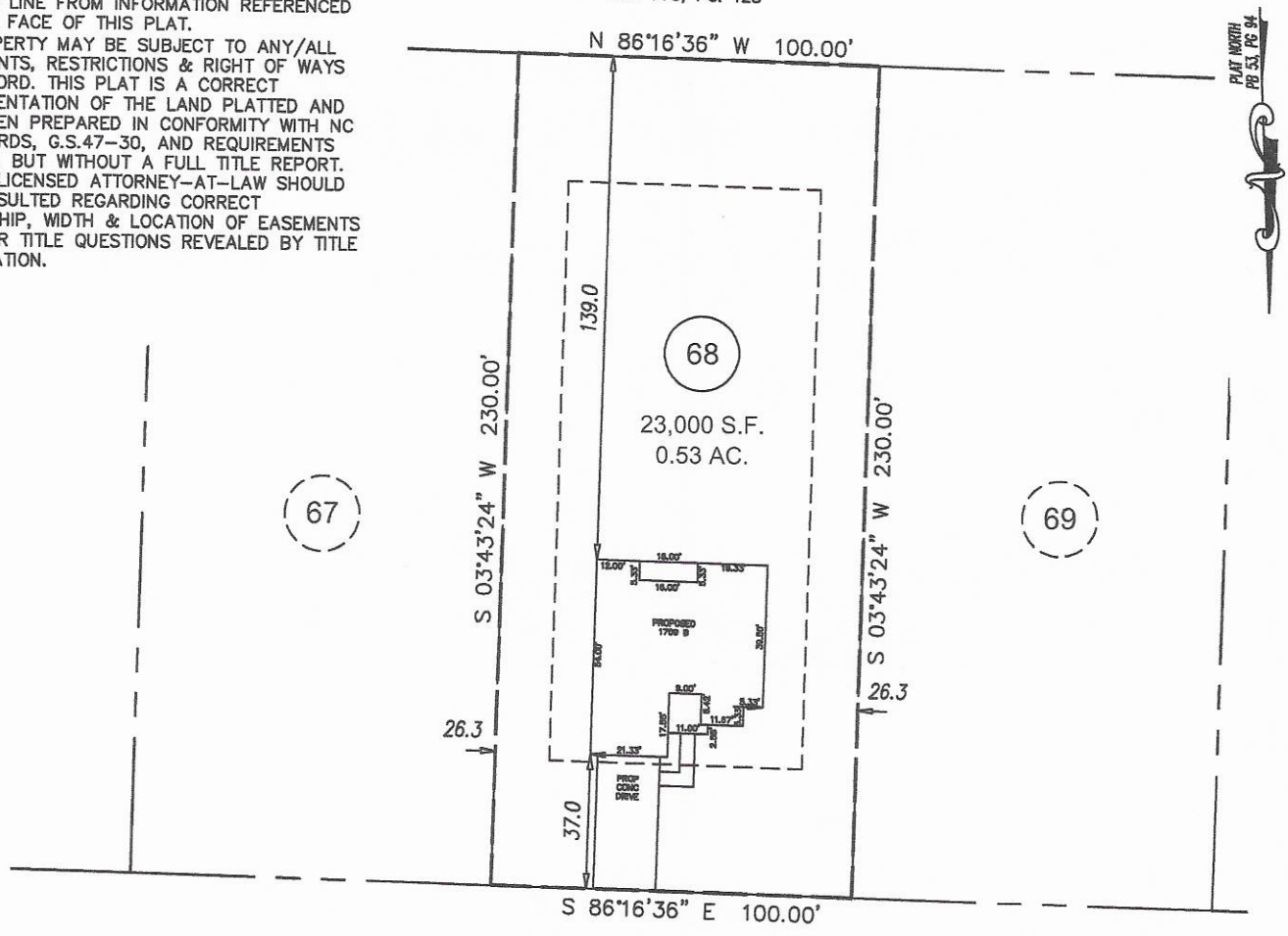
SHAWN T. RUMBERGER, PLS L-4909 DATE

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.

NOTES:
1) DRIVEWAY IMPERVIOUS CALCULATION SHOWN HEREON CALCULATED TO THE FRONT PROPERTY LINE/RIGHT-OF-WAY.
2) LOT SHOWN HEREON IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS AND RESTRICTIONS OF RECORD.

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 SURVEYD ARE SHOWN AS DASHED LINE FROM INFORMATION REFERENCED ON THE FACE OF THIS PLAT.
4. PROPERTY MAY BE SUBJECT TO ANY/ALL EASEMENTS, RESTRICTIONS & RIGHT OF WAYS OF RECORD. THIS PLAT IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND HAS BEEN PREPARED IN CONFORMITY WITH NC STANDARDS, G.S.47-30, AND REQUIREMENTS OF LAW. BUT WITHOUT A FULL TITLE REPORT. AN NC LICENSED ATTORNEY-AT-LAW SHOULD BE CONSULTED REGARDING CORRECT OWNERSHIP, WIDTH & LOCATION OF EASEMENTS & OTHER TITLE QUESTIONS REVEALED BY TITLE EXAMINATION.




NORTHLAKE DRIVE
50' PUBLIC R/W

GRAPHIC SCALE
50 0 25
1 inch = 50 ft.

PRELIMINARY
PLOT PLAN

ECLS

| | |
|---|---|
| PROJECT: | 18-005 NORTHLAKES |
| DRAWN BY: | APS |
| SCALE: | 1"=50' |
| DATE: | 1-17-20 |

FOR
ADAMS HOMES CHARLOTTE
142 NORTHLAKE DRIVE, STATESVILLE
LOT 68 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: **68**

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 142 Northlake Drive, Statesville, NC 28677, identified as PIN (Parcel Identification Number) 4671-497-127, 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.

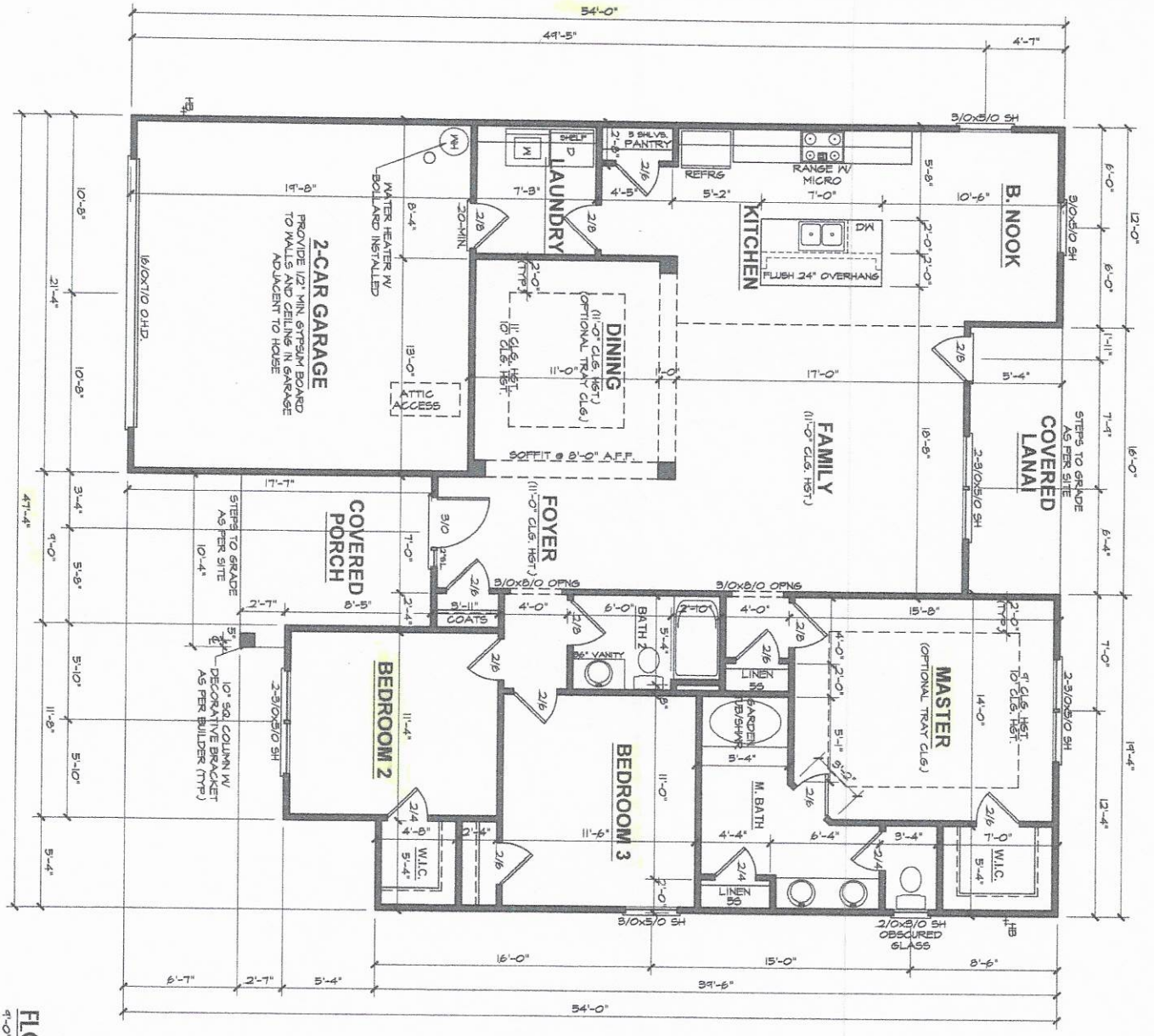
X MANAGER 7/19/2016
Signature of Owner(s) Date

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




# 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!

Cynthia Blanding Date 6/29/20

Bryant C. White Date 6-25-2020

| | |
|---|---|
| DATE DRAWN | 5/14/2020 |
| PROJECT | 4222 |
| REVISIONS | |

SHEET 3

1709 "B" FE (L) NR068

ADAMS HOMES AEC, LLC

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| **304223**<br>Issue Date: 02/12/2020 |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4761497127.000 | 142 NORTHLAKE DR | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: ADAMS HOMES AEC LLC<br>Address:<br><br>Phone: | Name: ADAMS HOMES AEC LLC<br>Address: 3401 SAINT VARDELL LN SUITE B<br>CHARLOTTE, NC 28217<br>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 |
|---|---|---|---|---|---|---|
| 0.53 | 35 | 35 | 15 | 15 | N/A | NO |

| Remarks |
|---|
| SFD waiting on auth-no pw turned in yet |

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.

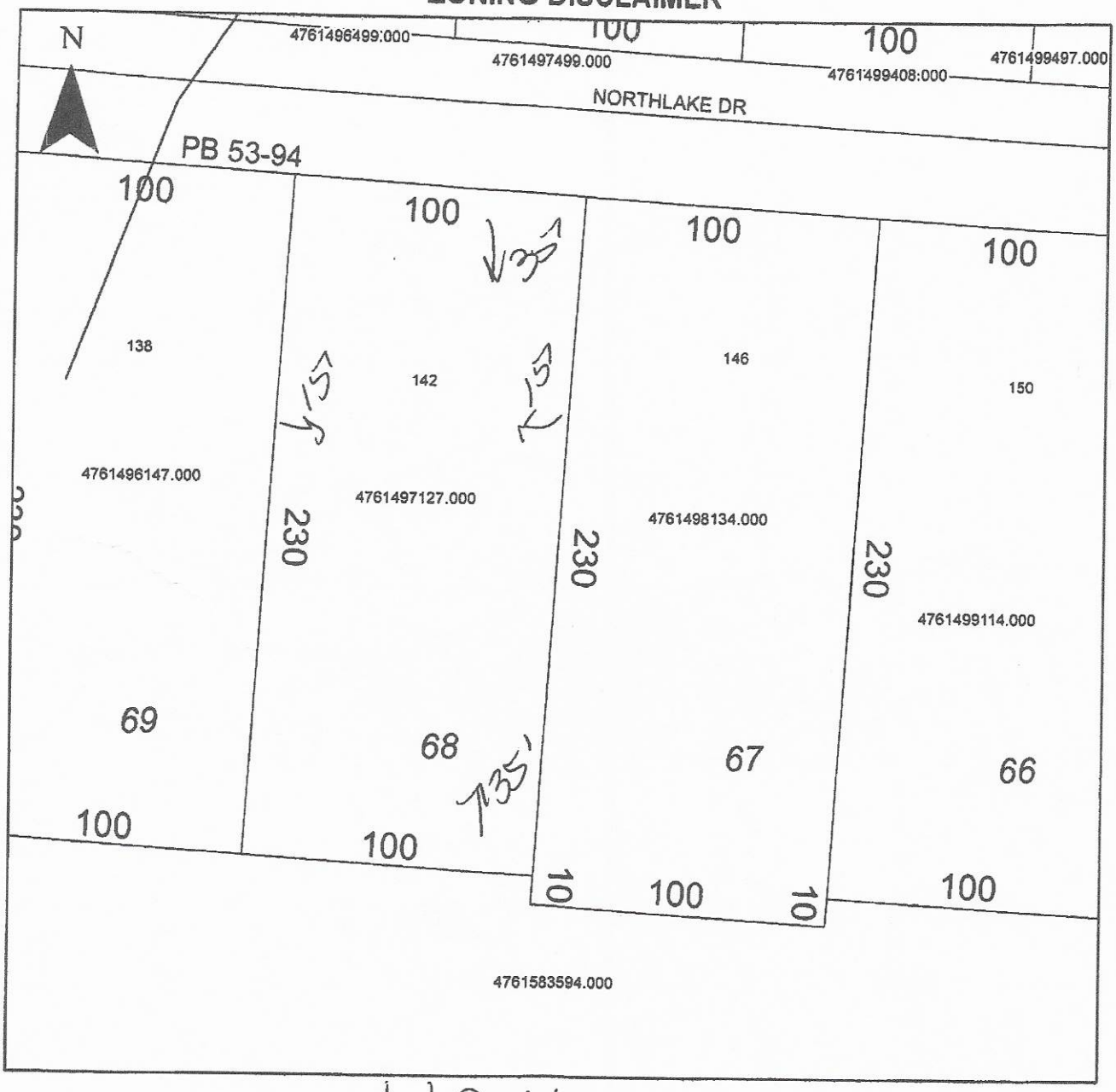
Signature of Owner/Contractor

**Date:** 02/17/2020

| Permit Number | 304223 |
|---|---|

| TOTAL FEES: | $77.25 |
|---|---|

# ZONING DISCLAIMER




Property Address 142 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

Date