# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 323616

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

PIN # 4639 --94 -- 5821

APPLICANT/OWNER: John Sullivan APPLICANT ADDRESS: 400 Barfield Rd, Mooresville NC 28115

SITE ADDRESS: 150 Belk Estate Dr, Mooresville NC 28115 PHONE: 704-996-6365 ALT. PHONE 704-641-0702

SITE DIRECTIONS: (N) NC 21 → (R) Shepherd → (R) Shepherd Valley → (L) Belk Estate SAP CONTROLLED: ☐ YES ☒ NO

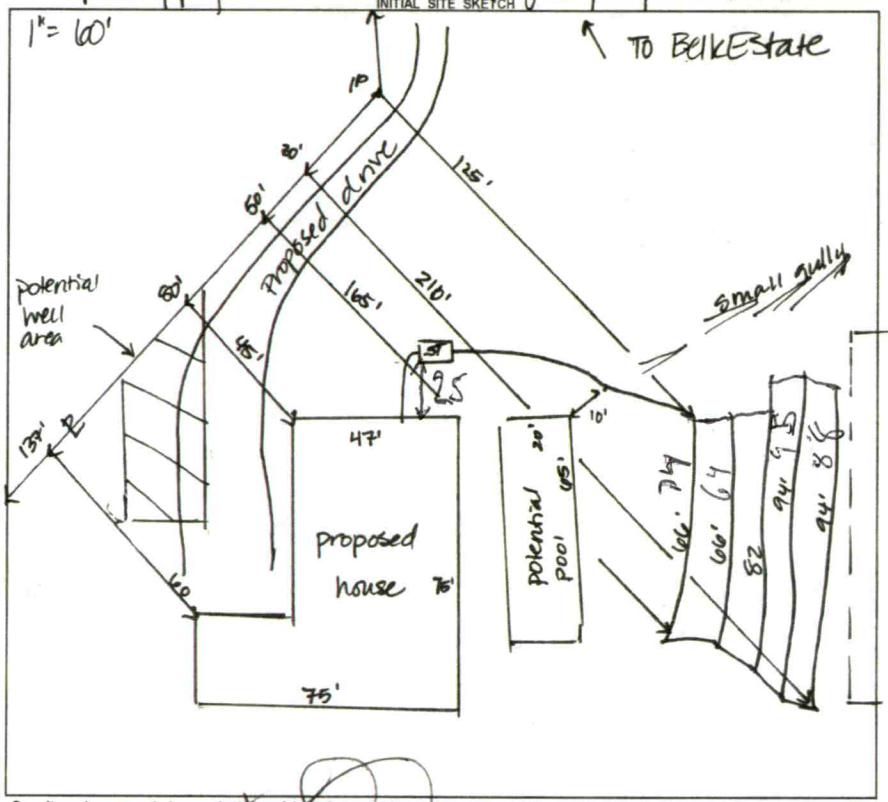
SUBDIVISION: SECTION: LOT # LOT AREA: 17.925 ac DESIGN FLOW: 480gpd L.T.A.R.: 0.3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB 760 | Date 6-2-22 | ☒ New System ☐ Repair ☐ Expansion | System Type: I II III IV V VI | ☒ Residence | No. Bedrooms | 4 | Water Supply |
| Pump Tank | | (gal) | PT | Date | System Description: | 25% Reduction | ☐ Business | No. Persons | 8 | ☒ Private |
| Pump Make | | Model | | Serial # | Repair System Description: | 25% Reduction | ☐ Other | No. Employees | | ☐ Public |
| # Nitrification Fields | 1 | # Lines | 5 | Linear Ft 402' | Maintenance Agreement Required: | ☐ YES ☒ NO | ☐ Slab | ☒ Crawl Space | | ☐ Community |
| Trench Width | 36" | Trench Bottom Depth(Low side) | 24" (max 30") | Gravel Depth N/A | ☒ GRAVITY ☐ PRESSURE | | ☐ Basement w/plumbing | | ☐ Basement w/o plumbing | |

Comments / Conditions: Do not park, pave, grade, drive or bury utilities in drainfield area. Divert drainage from septic. Keep supply line 10' from any gully & pool location

Stake pool location during 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.

*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: Date: 5/3/2022 Installed by: ST, Hts Grading

IMPROVEMENT PERMIT by: D Wiebers Date: 5/3/22 OPERATION PERMIT by: Date: 7/19/22

AUTHORIZATION TO CONSTRUCT by: D. Wiebers Date: 5/3/22 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? _____ | |

# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (H5) Mooresville Office (704) 660-3625 PERMIT # AP 3236116

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

PIN # 4659 -- 94 -- 5821

APPLICANT/OWNER: John Sullivan APPLICANT ADDRESS: 400 Barfield Rd Mooresville NC 28115

SITE ADDRESS: 150 Belk Estate Dr, Mooresville NC 28115 PHONE: 704-996-6365 ALT. PHONE 704-641-0702

SITE DIRECTIONS: (N) NC 21 → (R) Shepherd → (R) Shepherd Valley → (L) Belk Estate SAP CONTROLLED: ☐ YES ☒ NO

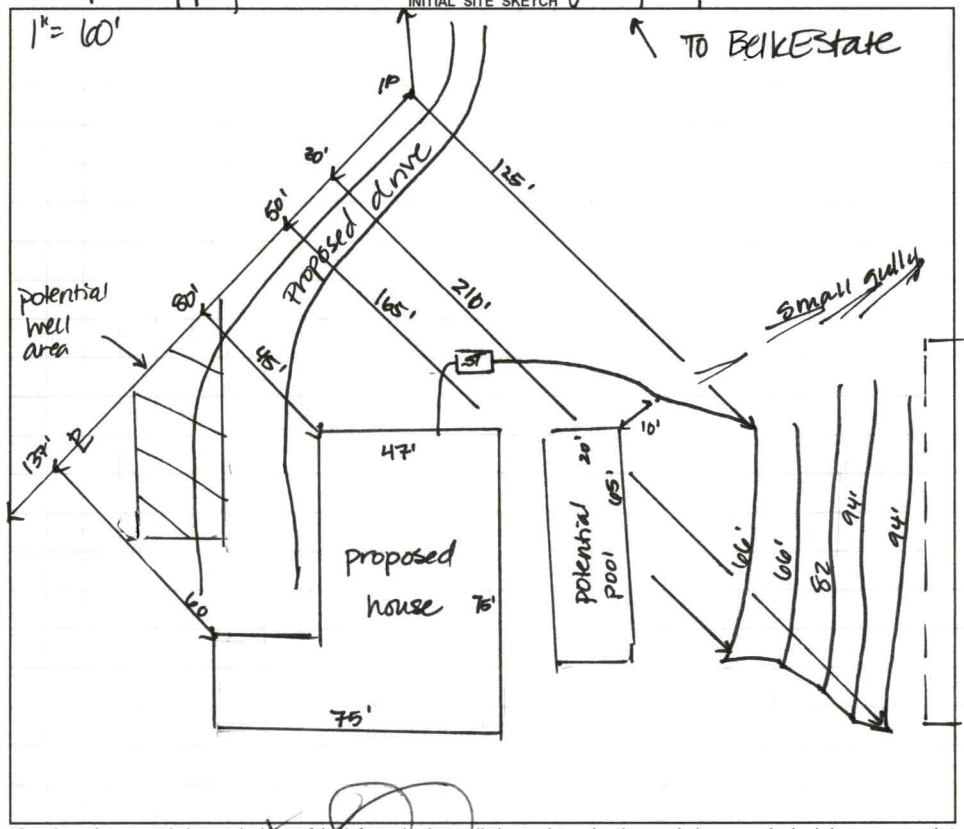
SUBDIVISION: SECTION: LOT # LOT AREA: 17.925 ac DESIGN FLOW: 480gpd L.T.A.R.: 0.3

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | | Date | | ☒ New System | ☐ Repair | ☐ Expansion | System Type: I II III IV V VI | | ☒ Residence | No. Bedrooms | 4 | Water Supply | | | | |
| Pump Tank | | (gal) | PT | | Date | | System Description: | 25% Reduction | | | | ☐ Business | No. Persons | 8 | ☒ Private | | | | |
| Pump Make | | Model | | | Serial # | | Repair System Description: | 25% Reduction | | | | ☐ Other | No. Employees | | ☐ Public | | | | |
| # Nitrification Fields | 1 | # Lines | 5 | | Linear Ft | 402' | Maintenance Agreement Required: | ☐ YES | ☒ NO | | | ☐ Slab | ☒ Crawl Space | | ☐ Community | | | | |
| Trench Width | 36" | Trench Bottom Depth(Low side) | 24" (max 30") | | Gravel Depth | N/A | | ☒ GRAVITY | ☐ PRESSURE | | | ☐ Basement w/plumbing | | | ☐ Basement w/o plumbing | | | | |

Comments / Conditions: Do not park, pave, grade, drive, or bury utilities in drainfield area. Divert drainage from septic. Keep supply line 10' from any gully & pool location

Stake pool location during 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.

*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: Date: 5/3/2022 Installed by:

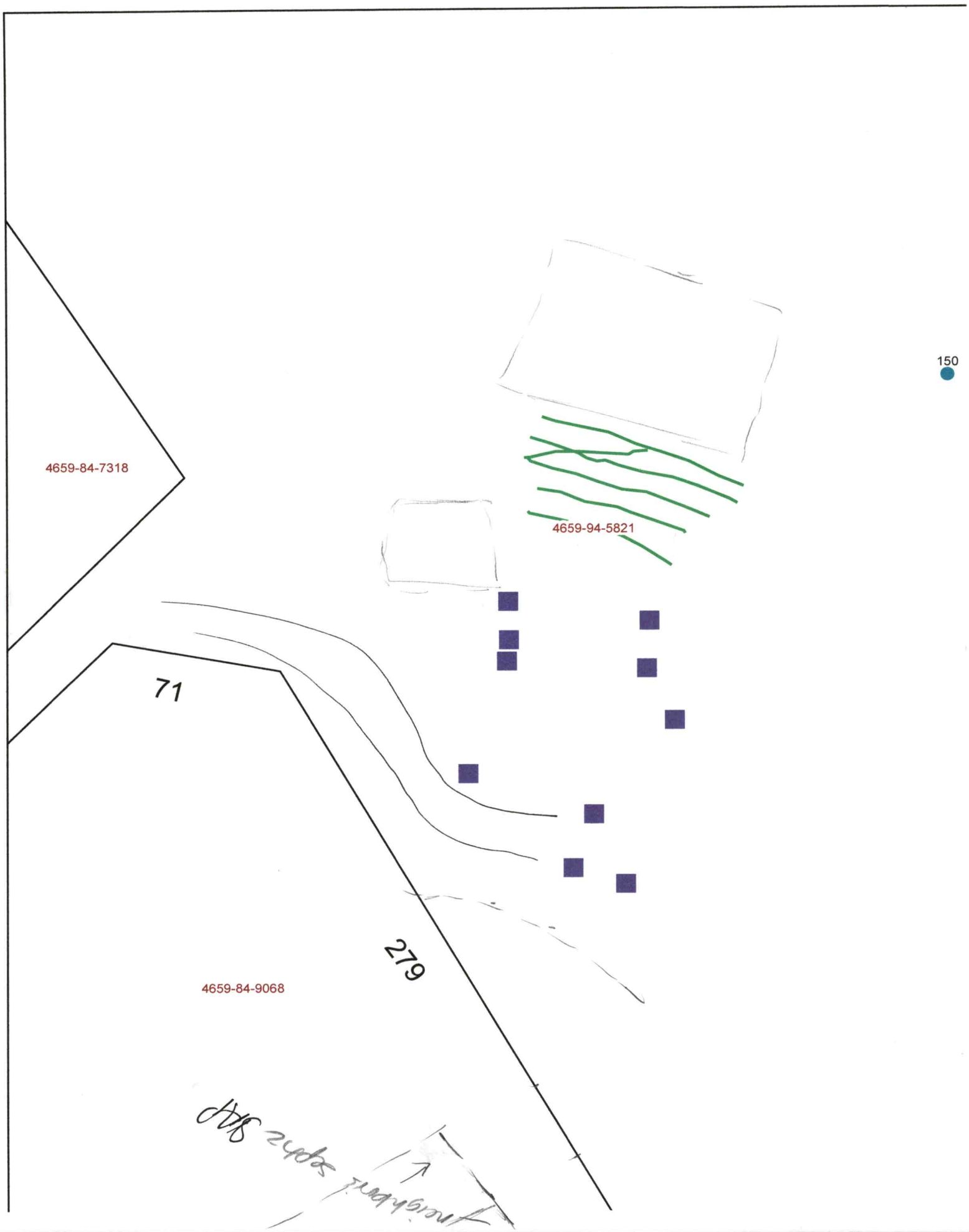
IMPROVEMENT PERMIT by: D Wiebers Date: 5/3/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: D. Wiebers Date: 5/3/22 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? _____ | |


150
4659-84-7318
4659-94-5821
71
279
4659-84-9068

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

Sheet 1 of 2
PROPERTY ID #: 4659475824
COUNTY: Iredell

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

OWNER: John Sullivan
APPLICATION DATE 3/29/22
ADDRESS: 400 Barfield Rd Mooresville 28115
DATE EVALUATED: 4/26/22
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 17.925
LOCATION OF SITE: 150 Belk Estate Dr, Mooresville 28115
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 | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 10% A. Rollans (4) | 0-5 | SCL-SBK | SSSP-FR-SEKP | | 46" | SL | N/A | PS |
| | | 5-10 | C-SBK | ↓ | | | | | |
| | | 20-46 | CL-WSBK | | | | | | |
| | | 46-50 | SAP(SL) WSBK | SSNP-VFR | Sap incl common 10YR+ | | | | 0.3 |
| 2 | 12% A. Rollans (3) | 0-10 | SCL-WSBK | SSSP-FR-SEKP | | 50" | N/A | N/A | PS |
| | | 10-35 | C-SBK | ↓ | | | | | |
| | | 35-50 | CL/L-WSBK | | | | | | 0.3 |
| 3 | 12% A. Rollans (5) | 0-8 | SCL-SBK | SSSP-FR-SEKP | | 53" | N/A | N/A | PS |
| | | 8-30 | C-SBK | ↓ | | | | | |
| | | 30-53 | CL-WSBK | | Sap incl common, mica common | | | | 0.3 |
| 4 | LS 12% A Rollans (6) | 0-6 | SCL | SSSP-FR-SEKP | | 53" | N/A | N/A | PS |
| | | 6-25 | C SBK | ↓ | | | | | |
| | | 25-43 | CL-WSBK | | | | | | |
| | | 43-53 | L/SL WSBK | | Sap incl common litho. incl common | | | | 0.3 |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 402' | 462 |
| System Type(s) | 25% red | 25% red |
| Site LTAR | 0.3 | 0.3 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Wicberg
OTHER(S) PRESENT: J. Sullivan

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.

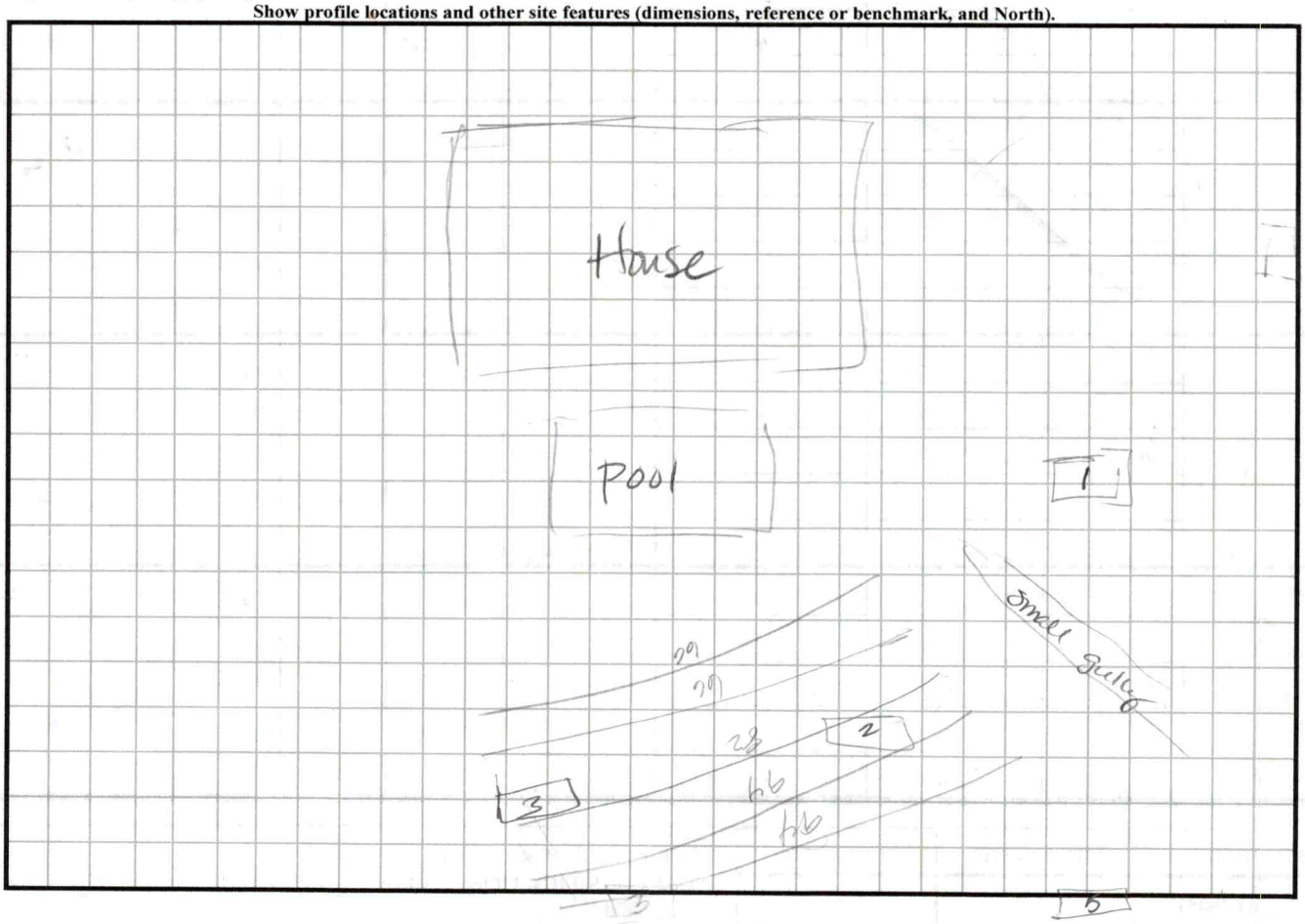
***NOTES***

| | |
|---|---|
| *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).**




Updated February 2014

# 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 #: 4659945821
DATE OF EVALUATION: 4/26/22
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 | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 12% LS A. Kollans (1) | 0-7 | SCL - SBK | SSSP-FR-SEKP | Sap incl common 31"+ | (47") | SL | N/A | PS 0.3 |
| | | 7-31 | " SBK | ↓ | | | | | |
| | | 31-47 | C/SCL - WSBK | | | | | | |
| | | 47-54 | L/SapSL - WSBK | SSNP-VFR | | | | | |
| | | | | | | | | | |
| 6 | 15% R A. Kollans (2) | 0-17 | C - SBK | SSSP-FR-SEKP | sap incl common | (38") | L/SL | N/A | PS 0.3 |
| | | 17-38 | CL - SBK | " | | | | | |
| | | 38-54 | SAP-M-L/SL | SSNP-FR | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | |

$41 2e 93

DW

RECEIVED MAR 29 2022

# APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

## Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-323616 $500.00

**Application For:**

- ☒ Septic Improvement Permit
- ☒ New Well Permit
- ☒ Authorization to Construct
- ( ) Well Repair Permit
- ( ) Existing System Inspection
- ( ) Well Abandonment
- ( ) 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:** *Place an (X) beside whichever is submitted if applicable*

- ( ) Survey Plat, scaled no more than 1 inch = 60 feet
- ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

**Applicant Information:** (PRINT CLEARLY)

**Applicant Name:** John Sullivan **Address:** 4000 Barfield Rd., Mooresville NC **Zip:** 28115

**Applicant Email:** Keelhauler2001@Gmail.com **Phone:** 704.996.6365 **Alt. Phone:** 704.641.0702

**Owner Name:** John Sullivan **Address:** 4000 Barfield Rd Mooresville NC **Zip:** 28115

**Owner Email:** Keelhauler2001@Gmail.com **Phone:** 704.996.6365 **Alt. Phone:** 704.641.0702

**Property Information:**

**Street Address:** 150 Belk Estate Dr, Mooresville NC 28115

**Subdivision Name:** _____ **Section/Phase:** _____ **Lot Number:** _____

**Driving Directions:** From I-77 @ Exit 42 take Hwy 21 South, (L) Shepherd Road, (R) Shepherd Valley Rd, (L) Gravel Drive past the Gas line easment

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

- ☒ 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:** 4
**Maximum Number of Occupants:** _____

- ( ) Swimming Pool
- ( ) Other Addition/Structure: _____

**CHECK FOUNDATION TYPE**

- ☒ 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: _____

( ) No Preference ( ) Alternative (X) 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:** _____ 3/29/2022

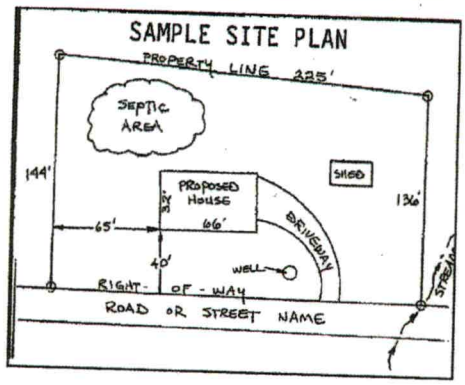
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

# IREDELL COUNTY HEALTH DEPARTMENT

## *ENVIRONMENTAL HEALTH DIVISION*

**PAGE 2: *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 PERMIT!!!***




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

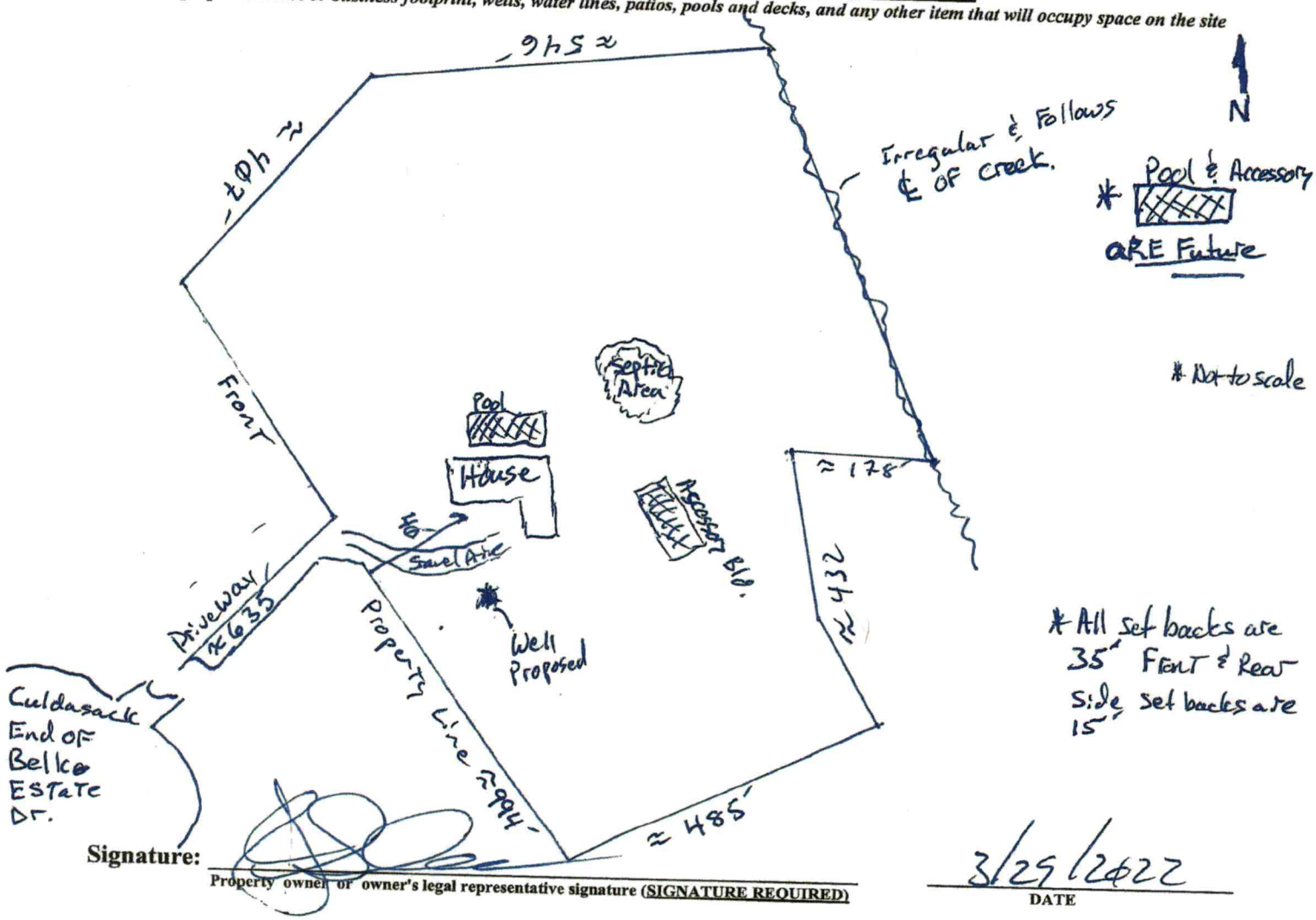
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location and well location
- (X) Area you prefer your septic system to be placed
- (X) North arrow, or other sufficient indicator 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***

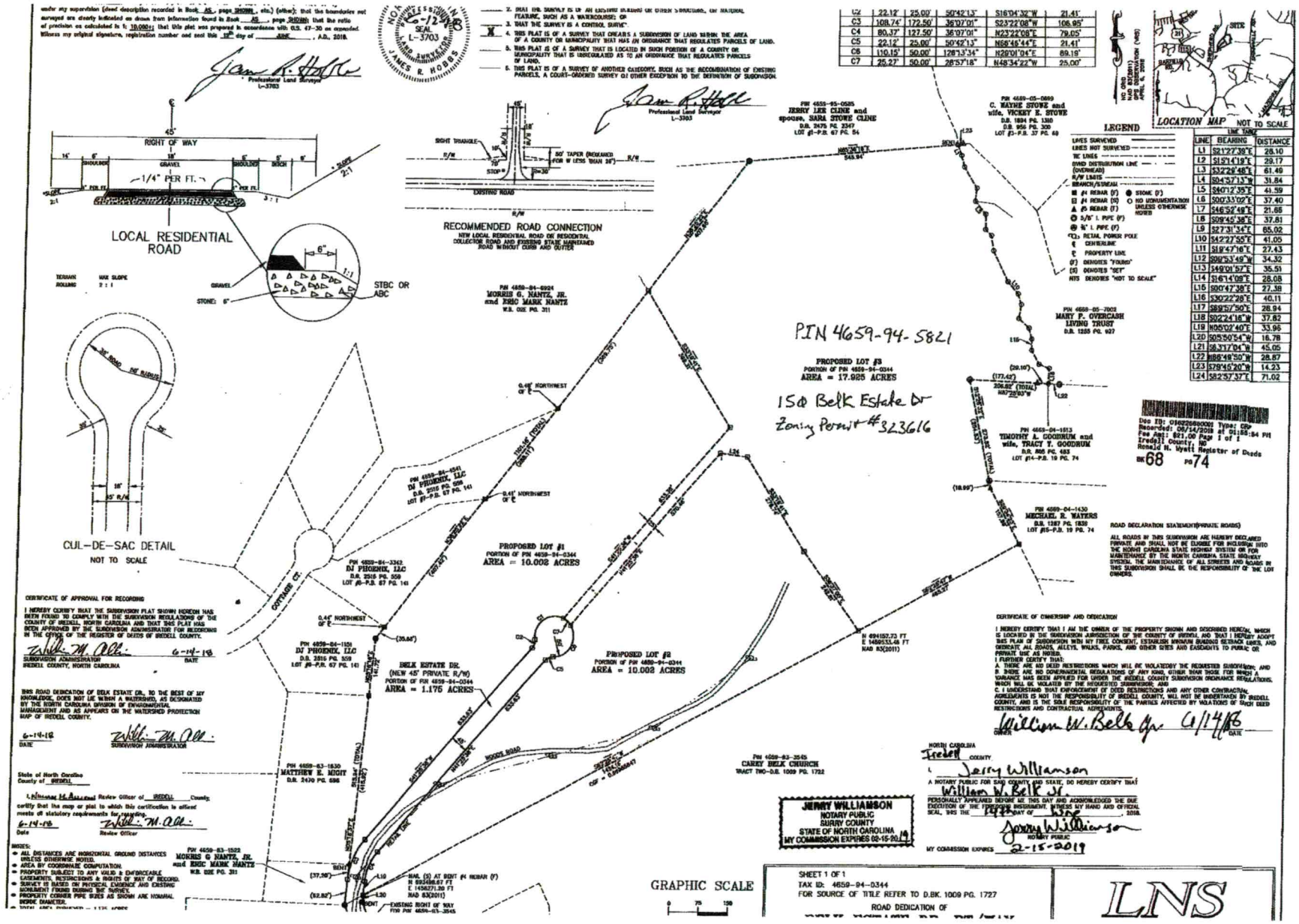



**Signature:** _____

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

3/29/2022

**DATE**


PIN 4659-94-5821
150 Belk Estate Dr
Zoning Permit #323616
LOCAL RESIDENTIAL ROAD
RECOMMENDED ROAD CONNECTION
CUL-DE-SAC DETAIL
NOT TO SCALE
LOCATION MAP
NOT TO SCALE
SITE
LEGEND
PROPOSED LOT #3
PORTION OF PIN 4659-94-0344
AREA = 17.925 ACRES
PROPOSED LOT #1
PORTION OF PIN 4659-94-0344
AREA = 10.002 ACRES
PROPOSED LOT #2
PORTION OF PIN 4659-94-0344
AREA = 10.002 ACRES
BELK ESTATE DR.
(NEW 45' PRIVATE R/W)
PORTION OF PIN 4659-94-0344
AREA = 1.175 ACRES
JERRY LEE CLINE and spouse, SARA STOWE CLINE
C. WAYNE STOWE and wife, VICKEY E. STOWE
MORRIS G. NANTZ, JR. and ERIC MARK NANTZ
MARY P. OVERCASH LIVING TRUST
TIMOTHY A. GOODNUM and wife, TRACY T. GOODNUM
MICHAEL R. WATERS
DJ PHOENIX, LLC
MATTHEW E. MIGHT
CAREY BELK CHURCH
CERTIFICATE OF APPROVAL FOR RECORDING
CERTIFICATE OF OWNERSHIP AND DEDICATION
ROAD DECLARATION STATEMENT (PRIVATE ROADS)
GRAPHIC SCALE
SHEET 1 OF 1
TAX ID: 4659-94-0344
FOR SOURCE OF TITLE REFER TO D.BK. 1009 PG. 1727
ROAD DEDICATION OF
LNS

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

# IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

## DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

*(Check and sign only ONE of the options below)*

☑ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

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.**

☐ **2.** I, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, 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.

_____ _____
Signature of Owner(s) Date

**Mooresville - Environmental Health**

Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 19-0141
December 20, 2019

**JOHN SULLIVAN**
Attn: *Zac Randall*
Email: znrassociates@gmail.com

**RE: Preliminary Soil Evaluation on Belk Estates Lot #3, 17.925 Ac. Parcel, PIN#: 4659-94-5821, off Shepherd Valley Road, Iredell County, North Carolina.**

Mr. Sullivan:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed a preliminary soil/site evaluation on a parcel off Shepherd Valley Road in Iredell County. The parcel total is 17.925 acres in size. The purpose of our work was to identify soil areas with potential to support a 4 bedroom subsurface wastewater disposal system & repair.

Site Conditions
At the time of our evaluation land cover on the property was young pine forest. The first ridge across a large gully once you access the property was evaluated. The approximate house area was flagged in the field prior to our arrival. Topography within the evaluated area was rolling and included several gullies. These topographic features were not suitable for supporting septic systems. These gullies are just downslope of the usable soil area identified on the *Soil Map*.

Methodology
We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with pit locations recorded via GPS technology. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems".

Findings
The parcel occurs in central Iredell County. Soils on the property were derived from weathering of residuum derived from acid crystalline rocks and were most similar to the Cecil Soil Series'. These soils generally contain sandy loam surfaces over clay textured subsoils. Often the subsoils are red-colored due to iron minerals in the soil. The variability of the topography on this property resulted in an irregular polygon of soil suitable for supporting conventional & accepted type septic systems. The depth to unsuitable soil characteristics determine the type of septic system that can be supported.

The attached *Soil Map* depicts the findings from our evaluation. The blue cross-hatched polygons represent usable soil areas with 36 inches depth or greater. These areas have potential to support conventional & accepted septic system types. Areas not hatched on the map were not evaluated. A few gullies that were unsuitable for septic systems were encountered just downslope of the usable soil area depicted on the attached *Soil Map*. Also attached are the *Soil Profile Descriptions* from the 7 backhoe pits evaluated. The house area was also located via GPS and found to encroach on Lot 2 of Belk Estates. Any structure staked for the Septic Permitting process must meet the county zoning setbacks.

Septic System Requirements

The necessary septic disposal field size is dependent on the type of system, topographic constraints, and Long TermAcceptance Rate (LTAR). The design LTAR is determined by the Health Department during their review process. For residential facilities the daily flow is based on number of bedrooms. **The usable soil area is approximately 20,000 SQ. FT. in size and is sufficient to support the proposed 4 bedroom system and repair area. This area is downslope of the proposed house and should support a gravity system.**

Disclaimer

This report reflects the findings of S&FS, PA. The Health Department issues Improvements Permits and Construction Authorizations based on their findings. On behalf of our clients, S&FS provides soil descriptions, layouts and design proposals to the Health Department for review and approval. This report reflects the general findings of S&FS for the property in question at the time of our evaluation. S&FS is hired for its professional opinion regarding onsite systems, soils, etc and does not guarantee approval from the State or Health Dept. Please contact S&FS if you have any questions regarding this report or the attached sketch map. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

S. Ashley Rollans, LSS

Attachments: *Soil Map*
*Soil Profile Descriptions*

*Cc: Zac Randall*

STATE OF NORTH CAROLINA
IREDELL COUNTY

I, JAMES R. HOBBS, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 25, page 25258, etc.) (other) that the boundaries not surveyed are clearly indicated as drawn from information found in Book 25, page 25258; that the ratio of precision as calculated is 1:10,000+; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, registration number and seal this 12th day of SEPT., A.D., 2018.

"PRELIMINARY PLAT"
NOT FOR RECORDATION, CONVEYANCES, OR SALES

Professional Land Surveyor
L-3703

NOTE:
1. THIS PLAT IS OF A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET;
2. THAT THE SURVEY IS OF AN EXISTING BUILDING OR OTHER STRUCTURE, OR NATURAL FEATURE, SUCH AS A WATERCOURSE; OR
3. THAT THE SURVEY IS A CONTROL SURVEY.
4. THIS PLAT IS OF A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.
5. THIS PLAT IS OF A SURVEY THAT IS LOCATED IN SUCH PORTION OF A COUNTY OR MUNICIPALITY THAT IS UNREGULATED AS TO AN ORDINANCE THAT REGULATES PARCELS OF LAND.
6. THIS PLAT IS OF A SURVEY OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.

| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA | CHORD DIR. | CHORD |
| C1 | 110.15' | 50.00' | 126°13'34" | S53°50'12"W | 89.19' |
| C2 | 22.12' | 25.00' | 50°42'13" | S18°04'32"W | 21.41' |
| C3 | 108.74' | 172.50' | 36°07'01" | S23°22'08"W | 106.95' |
| C4 | 80.37' | 127.50' | 36°07'01" | N23°22'08"E | 79.05' |
| C5 | 22.12' | 25.00' | 50°42'13" | N66°46'44"E | 21.41' |
| C6 | 110.15' | 50.00' | 126°13'34" | N29°01'04"E | 69.19' |
| C7 | 25.27' | 50.00' | 28°57'16" | N48°24'22"W | 25.00' |

LOCATION MAP NOT TO SCALE

LEGEND
LINES SURVEYED
LINES NOT SURVEYED
TIE LINES
OHD DISTRIBUTION LINE (OVERHEAD)
R/W LINES
BRANCH/STREAM
#4 REBAR (F) STONE (F)
#4 REBAR (S) NO MONUMENTATION UNLESS OTHERWISE NOTED
#5 REBAR (F)
5/8" I. PIPE (F)
5" L PIPE (F)
RETAIL POWER POLE
℄ CENTERLINE
℄ PROPERTY LINE
(F) DENOTES "FOUND"
(S) DENOTES "SET"
NTS DENOTES "NOT TO SCALE"

| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | DISTANCE |
| L1 | S21°27'36"E | 28.10 |
| L2 | S15°14'19"E | 29.17 |
| L3 | S32°29'46"E | 61.49 |
| L4 | S04°57'13"W | 31.84 |
| L5 | S40°12'35"E | 41.59 |
| L6 | S00°33'02"E | 37.40 |
| L7 | S46°52'46"E | 21.68 |
| L8 | S09°45'36"E | 37.81 |
| L9 | S27°31'34"E | 85.02 |
| L10 | S42°27'55"E | 41.05 |
| L11 | S19°47'16"E | 27.43 |
| L12 | S09°53'49"W | 34.32 |
| L13 | S49°01'57"E | 35.51 |
| L14 | S16°14'09"E | 28.08 |
| L15 | S00°47'38"E | 27.38 |
| L16 | S30°22'28"E | 40.11 |
| L17 | S69°57'50"E | 28.94 |
| L18 | S02°24'16"W | 37.82 |
| L19 | N05°02'40"E | 33.96 |
| L20 | S05°50'34"W | 16.76 |
| L21 | S83°17'04"W | 45.05 |
| L22 | N86°49'50"W | 28.87 |
| L23 | S79°45'20"W | 14.23 |
| L24 | S82°57'37"E | 71.02 |

RIGHT OF WAY
40'
14' SHOULDER
18' GRAVEL
6' SHOULDER
6' DITCH
1/4" PER FT.
LOCAL RESIDENTIAL ROAD
TOWN ROLLED
MIN SLOPE 2 : 1
GRAVEL
STONE: 6"
STBC OR ABC

RECOMMENDED ROAD CONNECTION
NEW LOCAL RESIDENTIAL ROAD OR RESIDENTIAL COLLECTOR ROAD AND EXISTING STATE MAINTAINED ROAD WITHOUT CURB AND GUTTER
DIRT TRIANGLE
60' TAPER (REQUIRED FOR 11 OR LESS THAN 25')
EXISTING ROAD

CUL-DE-SAC DETAIL
NOT TO SCALE
50' RADIUS
40' RADIUS
10'
16' R/W

PROPOSED LOT #1
PORTION OF PIN 4659-94-0344
AREA = 17.025 ACRES

PROPOSED LOT #2
PORTION OF PIN 4659-94-0344
AREA = 10.008 ACRES

PROPOSED LOT #3
PORTION OF PIN 4659-94-0344
AREA = 10.008 ACRES

BELK ESTATE DR.
(NEW 40' PRIVATE R/W)
PORTION OF PIN 4659-94-0344
AREA = 1.176 ACRES

WOODS ROAD

PIN 4659-94-0344
CHERRY BELK ESTATE, LLC
D.B. 1727 PG. 1727

PIN 4659-94-1151
IN PHOENIX, LLC
D.B. 2818 PG. 859
LOT #5-P.B. 87 PG. 141

PIN 4659-94-3392
IN PHOENIX, LLC
D.B. 2818 PG. 859
LOT #6-P.B. 87 PG. 141

PIN 4659-94-0341
IN PHOENIX, LLC
D.B. 2818 PG. 859
LOT #7-P.B. 87 PG. 141

PIN 4659-94-1613
TIMOTHY A. GOODMAN and wife, TRACY T. GOODMAN
D.B. 603 PG. 1063
LOT #4-P.B. 19 PG. 74

PIN 4659-94-1430
ABIGAIL B. WATERS
D.B. 1287 PG. 1636
LOT #15-P.B. 19 PG. 74

PIN 4659-93-7002
MARY P. GOODMAN LIVING TRUST
D.B. 1235 PG. 827

PIN 4659-93-8824
MICHAEL D. HARPER, JR. and wife, MARY MARIE HARPER
W.B. 60E PG. 251

PIN 4659-93-1835
MATTHEW E. HUNT
D.B. 2170 PG. 859

PIN 4659-93-1522
MICHAEL D. CASEY, JR. and wife, MARY MARIE CASEY
W.B. 60E PG. 211

PIN 4659-93-1308
CASEY BELK CHURCH
TRACT ONE-D.B. 1009 PG. 1722

PIN 4659-93-3515
CASEY BELK CHURCH
TRACT TWO-D.B. 1009 PG. 1722

PIN 4659-93-4669
C. WAYNE STOWE and wife, VICKEY E. STOWE
D.B. 1584 PG. 1310
D.B. 699 PG. 300
LOT #3-P.B. 37 PG. 69

PIN 4659-93-5659
CASEY BELK CHURCH and spouse, MARY BROWN CASEY
D.B. 2475 PG. 2342
LOT #1-P.B. 87 PG. 84

0.45' NORTHWEST OF ℄

0.45' NORTHWEST OF ℄

0.45' NORTHWEST OF ℄

N 498182.73 FT
E 1486533.46 FT
NAD 83(2011)

MON. (S) AT RENT #4 REBAR (F)
N 500349.87 FT
E 1486878.30 FT
NAD 83(2011)

DURING RIGHT OF WAY FOR PIN 4659-93-3515 & PIN 4659-93-1308
D.B. 1009 PG. 1722
D.B. 1009 PG. 1727

CERTIFICATE OF APPROVAL FOR RECORDING

I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF THE COUNTY OF IREDELL, NORTH CAROLINA AND THAT THIS PLAT HAS BEEN APPROVED BY THE SUBDIVISION ADMINISTRATOR FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEED OF IREDELL COUNTY.

SUBDIVISION ADMINISTRATOR — DATE
IREDELL COUNTY, NORTH CAROLINA

THIS ROAD DEDICATION OF BELK ESTATE DR., TO THE BEST OF MY KNOWLEDGE, DOES NOT LIE WITHIN A WATERSHED AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.

DATE — SUBDIVISION ADMINISTRATOR

State of North Carolina
County of IREDELL

I, _____, Review Officer of IREDELL County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Date — Review Officer

NOTES:
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
- AREA BY COORDINATE COMPUTATION.
- PROPERTY SUBJECT TO ANY VALID & ENFORCEABLE EASEMENTS, RESTRICTIONS & RIGHTS OF WAY OF RECORD.
- SURVEY IS BASED ON PHYSICAL EVIDENCE AND EXISTING MONUMENT FOUND DURING THIS SURVEY.
- PROPERTY CORNER PIPE SIZES AS SHOWN ARE NOMINAL OUTSIDE DIAMETER.
- TOTAL AREA SURVEYED = 1.175 ACRES
- SUBJECT PROPERTY ZONED RA.
- LINEAR FEET OF ROADWAY = 1009.8'
- A 10' UTILITY AND DRAINAGE EASEMENT EXISTS ALONG ALL SIDES.
- SETBACKS: FRONT=30' REAR=30' SIDE=15'

FLOOD STATEMENT

THIS IS TO CERTIFY THAT THE LOCATION OF THE SUBJECT PROPERTY HAS BEEN CHECKED AGAINST AREA FEMA/FIRM MAPS AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT A PORTION OF PIN 4659-94-0344 IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA MAP NUMBER 3710453200J DATED 3/16/2009.

CERTIFICATE OF OWNERSHIP AND DEDICATION

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE COUNTY OF IREDELL AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, ESTABLISH MINIMUM BUILDING SETBACK LINES, AND DEDICATE ALL ROADS, ALLEYS, WALKS, PARKS, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED.
I FURTHER CERTIFY THAT:
A. THERE ARE NO DEED RESTRICTIONS WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION; AND
B. THERE ARE NO GOVERNMENTAL REGULATIONS OF ANY KIND, OTHER THAN THOSE FOR WHICH A VARIANCE HAS BEEN APPROVED FOR UNDER THE IREDELL COUNTY SUBDIVISION ORDINANCE REGULATIONS, WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION; AND
C. I UNDERSTAND THAT ENFORCEMENT OF DEED RESTRICTIONS AND ANY OTHER CONTRACTUAL AGREEMENTS IS NOT THE RESPONSIBILITY OF IREDELL COUNTY, WILL NOT BE UNDERTAKEN BY IREDELL COUNTY, AND IS THE SOLE RESPONSIBILITY OF THE PARTIES AFFECTED BY VIOLATIONS OF SUCH DEED RESTRICTIONS AND CONTRACTUAL AGREEMENTS.

OWNER — DATE

NORTH CAROLINA
_____COUNTY

I, _____

A NOTARY PUBLIC FOR SAID COUNTY AND STATE DO HEREBY CERTIFY THAT

PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE DUE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL, THIS THE _____ DAY OF _____, 2018.

NOTARY PUBLIC

MY COMMISSION EXPIRES _____

ROAD DECLARATION STATEMENT(PRIVATE ROADS)

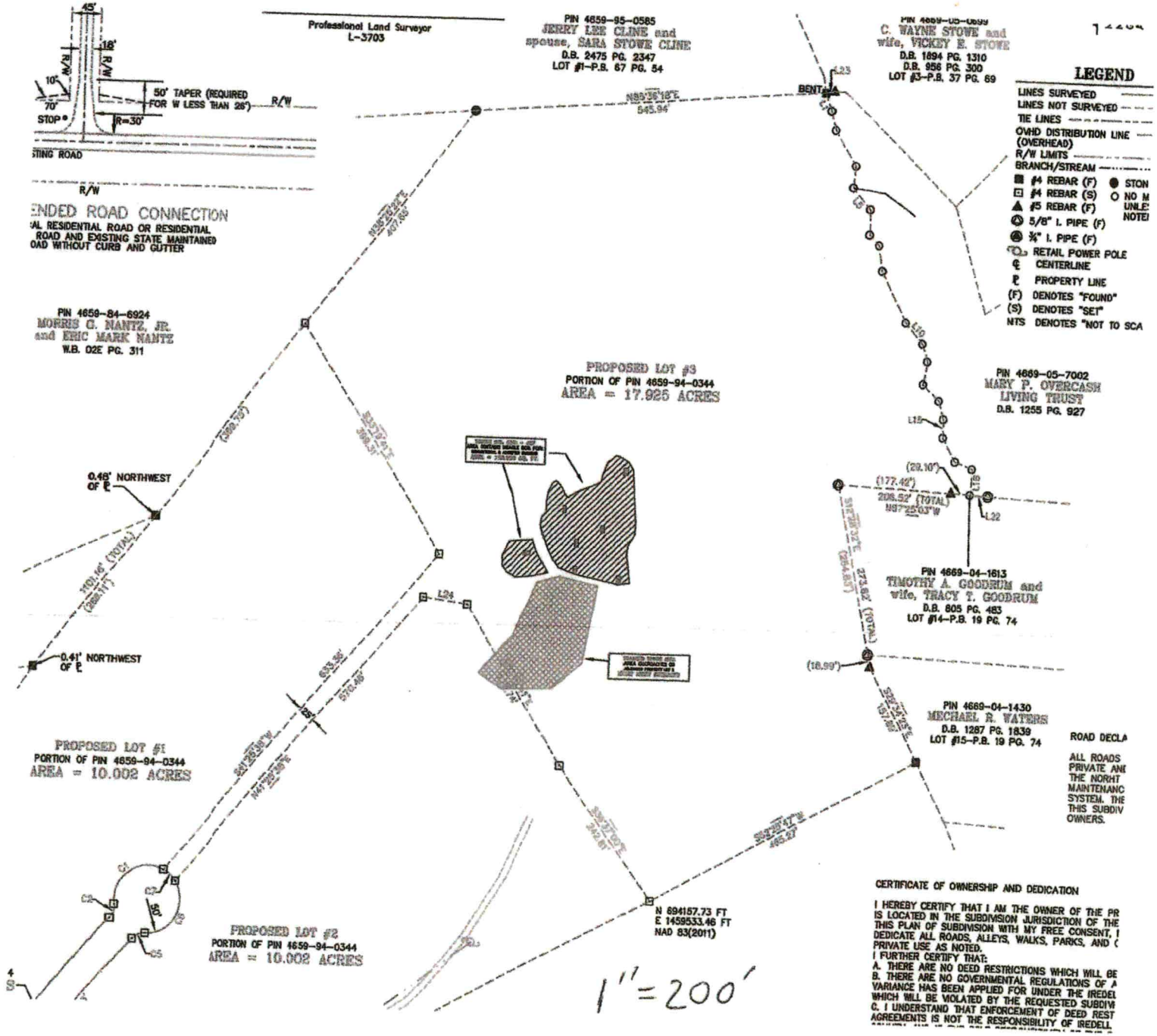
ALL ROADS IN THIS SUBDIVISION ARE HEREBY DECLARED PRIVATE AND SHALL NOT BE ELIGIBLE FOR INCLUSION INTO THE NORTH CAROLINA STATE HIGHWAY SYSTEM OR FOR MAINTENANCE BY THE NORTH CAROLINA STATE HIGHWAY SYSTEM. THE MAINTENANCE OF ALL STREETS AND ROADS IN THIS SUBDIVISION SHALL BE THE RESPONSIBILITY OF THE LOT OWNERS.

GRAPHIC SCALE
0 75 150
( IN FEET )
1 inch = 150 ft.

| | |
|---|---|
| LNS FILE NO.: | SI80404 |
| DWG NO.: | SI80404-REV5 |
| SURVEYED BY: | J.R. HOBBS |
| DRAWN BY: | N.D. WHITLEY |
| CHECKED BY: | J.R. HOBBS |

SHEET 1 OF 1
TAX ID: 4659-94-0344
FOR SOURCE OF TITLE REFER TO D.B. 1009 PG. 1727
ROAD DEDICATION OF
BELK ESTATE DR. RT/WAY
PROPERTY OWNED BY
WILLIAM W. BELK, JR.
BARRINGER TOWNSHIP
IREDELL COUNTY, N.C.
SCALE: 1" = 150'
BOOK: NA
DATE OF SURVEY: APRIL 6, 2018
DATE OF MAPPING: APRIL 19, 2018

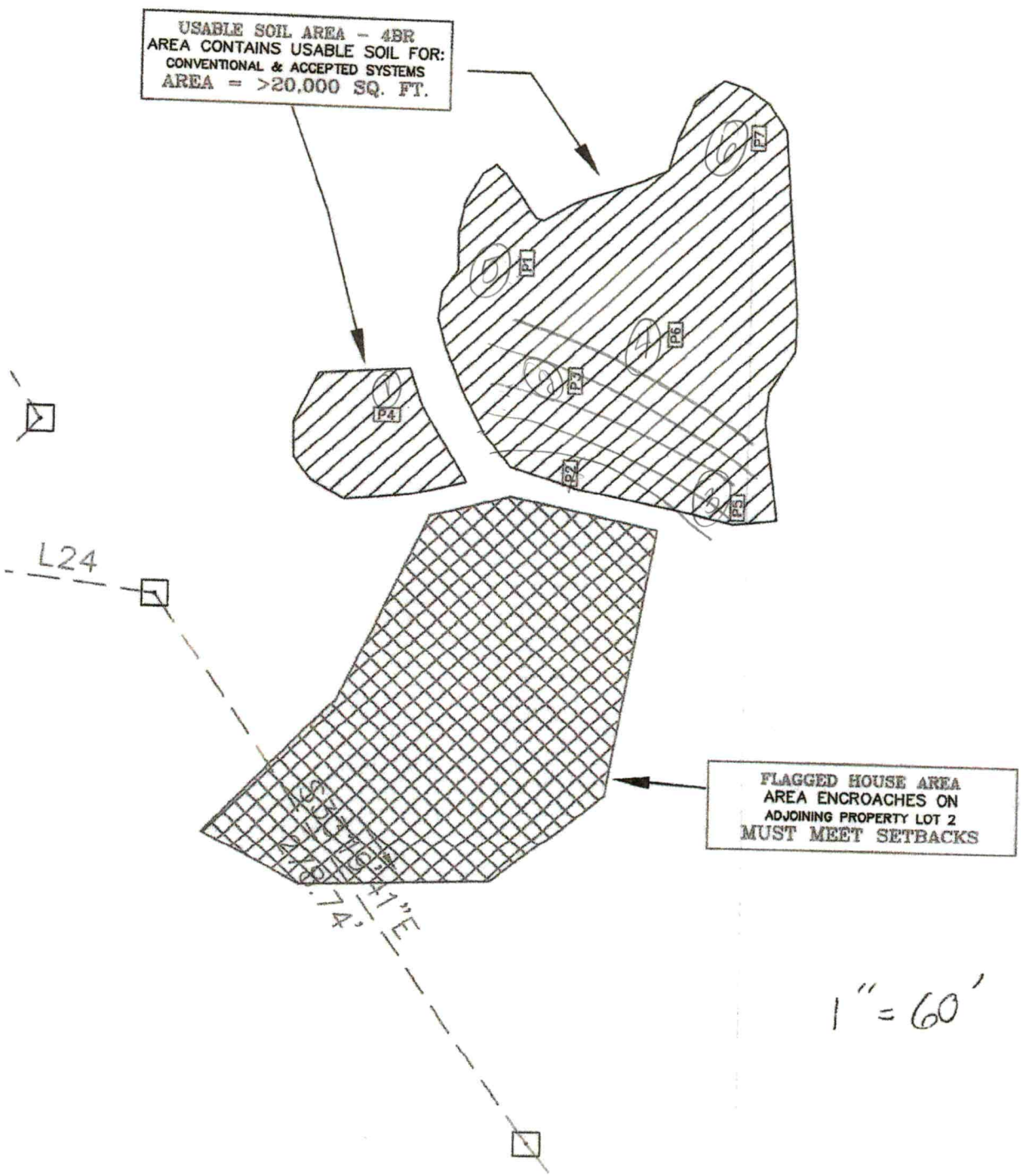

LNS
SURVEY AND MAP PREPARED BY:
LAKE NORMAN SURVEYING & MAPPING PLLC #P-0190
137 Jennings Road, Suite C
Statesville, North Carolina 28625
(704) 876-4450 Fax (704) 876-4451


Professional Land Surveyor
L-3703
PIN 4659-95-0585
JERRY LEE CLINE and
spouse, SARA STOWE CLINE
D.B. 2475 PG. 2347
LOT #1-P.B. 67 PG. 54
PIN 4659-05-0559
C. WAYNE STOWE and
wife, VICKEY E. STOWE
D.B. 1894 PG. 1310
D.B. 956 PG. 300
LOT #3-P.B. 37 PG. 69
LEGEND
LINES SURVEYED
LINES NOT SURVEYED
TIE LINES
OVHD DISTRIBUTION LINE (OVERHEAD)
R/W LIMITS
BRANCH/STREAM
#4 REBAR (F)
#4 REBAR (S)
#5 REBAR (F)
5/8" I. PIPE (F)
¾" I. PIPE (F)
RETAIL POWER POLE
CENTERLINE
PROPERTY LINE
(F) DENOTES "FOUND"
(S) DENOTES "SET"
NTS DENOTES "NOT TO SCA
50' TAPER (REQUIRED FOR W LESS THAN 26')
R=30'
STOP
R/W
ENDED ROAD CONNECTION
AL RESIDENTIAL ROAD OR RESIDENTIAL
ROAD AND EXISTING STATE MAINTAINED
OAD WITHOUT CURB AND GUTTER
PIN 4659-84-6924
MORRIS C. NANTZ, JR.
and ERIC MARK NANTZ
W.B. 02E PG. 311
PROPOSED LOT #3
PORTION OF PIN 4659-94-0344
AREA = 17.925 ACRES
PIN 4669-05-7002
MARY P. OVERCASH
LIVING TRUST
D.B. 1255 PG. 927
0.46' NORTHWEST OF P
0.41' NORTHWEST OF P
PIN 4669-04-1613
TIMOTHY A. GOODRUM and
wife, TRACY T. GOODRUM
D.B. 805 PG. 483
LOT #14-P.B. 19 PG. 74
PIN 4669-04-1430
MICHAEL R. WATERS
D.B. 1287 PG. 1839
LOT #15-P.B. 19 PG. 74
PROPOSED LOT #1
PORTION OF PIN 4659-94-0344
AREA = 10.002 ACRES
PROPOSED LOT #2
PORTION OF PIN 4659-94-0344
AREA = 10.002 ACRES
N 694157.73 FT
E 1459533.46 FT
NAD 83(2011)
1"=200'
ROAD DECLA
ALL ROADS
PRIVATE ANI
THE NORTH
MAINTENANC
SYSTEM. THE
THIS SUBDIV
OWNERS.
CERTIFICATE OF OWNERSHIP AND DEDICATION
I HEREBY CERTIFY THAT I AM THE OWNER OF THE PR
IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE
THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, I
DEDICATE ALL ROADS, ALLEYS, WALKS, PARKS, AND (
PRIVATE USE AS NOTED.
I FURTHER CERTIFY THAT:
A. THERE ARE NO DEED RESTRICTIONS WHICH WILL BE
B. THERE ARE NO GOVERNMENTAL REGULATIONS OF A
VARIANCE HAS BEEN APPLIED FOR UNDER THE IREDEL
WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVI
C. I UNDERSTAND THAT ENFORCEMENT OF DEED REST
AGREEMENTS IS NOT THE RESPONSIBILITY OF IREDELL

# PROPOSED LOT #3

PORTION OF PIN 4659-94-0344

AREA = 17.925 ACRES



PROPERTY ID #: 4659945821
COUNTY: Iredell

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

OWNER: John Sullivan (Buyer)
ADDRESS:
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: Lot 3 Belk Estate Dr Mooresville NC 28115
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
APPLICATION DATE
DATE EVALUATED: 12/19/18
PROPERTY SIZE: 17.9 AC
PROPERTY RECORDED: Yes
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| P 1 | L / 11% | 0-4 | Bk Gr | Fr SS SP SEXP | | 50" | | | PS .3 |
| | | 4-10 | RBCL wmsbk | Fr SS SP SEXP | | | | | |
| | | 10-37 | RC wmsbk | Fr SS SP SEXP | | | | | |
| | | 37-50 | RBCL wfsbk | Fr SS SP | Few SAP Incl. | | | | |
| | | 50-63 | VAR L. MASS | Fr SS SP | | | | | |
| P 2 | L / 12% *Rock Incl. on Uphill side w 5% | 0-6 | RBC wmsbk/mfc | Fr SS SP | Compacted | 55" | | | PS .3 |
| | | 6-22 | BRC wmsbk/mfc | Fr SS SP | | | | | |
| | | 22-35 | RC wmsbk | Fr SS SP | | | | | |
| | | 35-55 | RBCL wfsbk | Fr SS SP | C. SAP | | | | |
| | | 55-63 | VAR L. MASS | Fr SS SP | | | | | |
| P 3 | L / 11-12% | 0-12 | BSCL Gr | Fr SS SP | | 60" | | | PS .3 |
| | | 12-36 | BRC wmsbk | Fr SS SP | | | | | |
| | | 36-60 | RBCL wfsbk | Fr SS SP | Few SAP Incl. | | | | |
| | | 60-68 | VAR L. MASS | Fr SS SP | | | | | |
| | | | | | | | | | |
| P 4 | L / 5% | 0-6 | BSCL wmsbk | Fr SS SP | | 46" | | | PS .3 |
| | | 6-26 | BRC wmsbk | Fr SS SP | | | | | |
| | | 26-46 | RBCL wmsbk | Fr SS SP | C. SAP | | | | |
| | | 46-63 | VAR. FSL MASS | Fr SS SP | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | Gravity Mod. Conv | Gravity Mod. Conv |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: Chad Wagner

COMMENTS:

# SOIL/SITE EVALUATION

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

Sheet 2 of 2

PROPERTY ID #: 4059945821
DATE OF EVALUATION: 12/19/19
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 | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| P5 | L/11% | 0-6 | YBSCL wfsbk | Fr SS SP SEXP | Few hot. SHP | 60" | | | PS .3 |
| | | 6-33 | RC wmsbk | Fr SSSP SEXP | | | | | |
| | | 33-60 | RBCL wmsbk | Fr SS SP SEXP | | | | | |
| P6 | L/11-12% | 0-3 | BSCL wmsbk | Fr SS SP | Few hot. SHP | 60" | | | PS .3 |
| | | 3-29 | BRC wmsbk/mbk | Fr SS SP | | | | | |
| | | 29-60 | RBCL wmsbk | Fr SS SP | | | | | |
| | | 60-68 | VAR SL. MASS | Fr SS SP | | | | | |
| P7 | L/15% | 0-13 | BRC wmsbk/mbk | Fr SS SP | C. to Many SHP | 38" | | | PS .35 |
| | | 13-38 | RBCL wfsbk | Fr SS SP | | | | | |
| | | 38-63 | VAR SL. MASS | Fr SS SP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

COMMENTS:

IREDELL COUNTY · NC

# IREDELL COUNTY

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

| APPLICATION NUMBER |
|---|
| 323616 |
| Issue Date: |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4659945821.000 | 150 Belk Estate Dr. | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: SULLIVAN JOHN L+GWEN W | Name: SULLIVAN JOHN L+GWEN W |
| Address: | Address: |
| Phone: | Phone: |

| Use Requested | Zone Code |
|---|---|
| Single Family Dwelling | RA |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 17.925 | 35 | 35 | 15 | 15 | | 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:** 12/03/2021

| Permit Number | 323616 | TOTAL FEES: | $77.25 |
|---|---|---|---|