# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 323213

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

✓PIN # 4757--37--6038

APPLICANT/OWNER: Denali Home Builders APPLICANT ADDRESS: 132 Court St Statesville NC

✓SITE ADDRESS: 129 Wildeman Trail Statesville NC 28625 PHONE: 704-224-1440 ALT. PHONE

SITE DIRECTIONS: Hwy 21 N L on Maple Creek Drive L on Ravencrest L on Wildeman SAP CONTROLLED: ☐ YES ☒ NO

✓SUBDIVISION: The Highlands at Maple Creek SECTION: – LOT # 17 LOT AREA: 1 Acre DESIGN FLOW: 360 gpd L.T.A.R.: .3

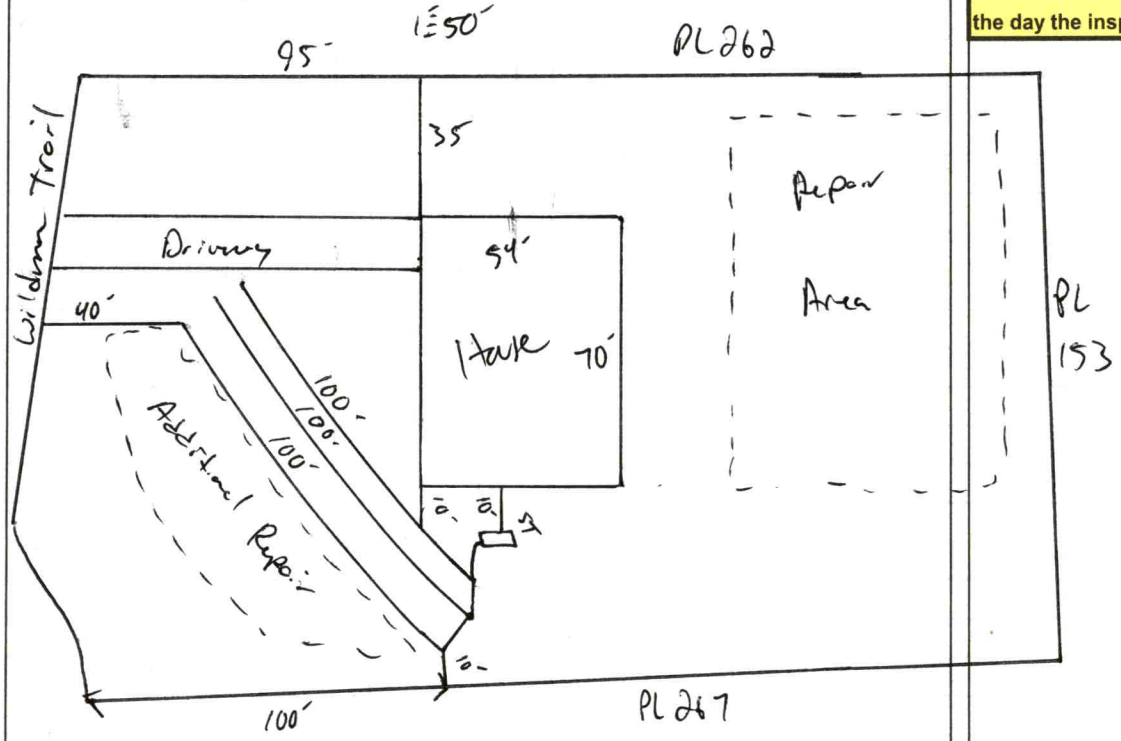
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | 760 | Date | 8/21/22 | ☒ New System | ☐ Repair | ☐ Expansion | System Type: I II (III) IV V VI | |
| Pump Tank | | (gal) | PT | | Date | | System Description: | 25% Reduction | | | |
| Pump Make | | Model | | | Serial # | | Repair System Description: | 25% Reduction | | | |
| # Nitrification Fields | 1 | # Lines | 3 | | Linear Ft | 300 | Maintenance Agreement Required: | ☐ YES | ☒ NO | | |
| Trench Width | 36" | Trench Bottom Depth(~~Low side~~) | Max 36" | | Gravel Depth | – | ☒ GRAVITY | ☐ PRESSURE | | | |

| | | |
|---|---|---|
| ☒ Residence | No. Bedrooms | 3 |
| ☐ Business | No. Persons | 6 |
| ☐ Other | No. Employees | |
| ☐ Slab | ☒ Crawl Space | |
| ☐ Basement w/plumbing | ☐ Basement w/o plumbing | |

**Water Supply**
☐ Private
☒ Public
☐ Community

Comments / Conditions: Install Drainlines on contour of land and use serial distribution.

INITIAL SITE SKETCH




AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

*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: 12-20-21 Installed by: Chris Fryar

IMPROVEMENT PERMIT by: Date: 12-20-21 OPERATION PERMIT by: Date: 9/27/22

AUTHORIZATION TO CONSTRUCT by: Date: 12-20-21 Existing System Inspected by: Date:

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

| Item | Date | Initials |
|---|---|---|
| Drain Lines Checked | | |
| Tanks Checked | | |
| Pressure Manifold or Valve Box Checked | | |
| Pressure Head Set | | |
| Electrical Checked | | |
| Floats Set | | |
| Alarm Checked | | |
| Maintenance Contract Needed? Y / N | | |
| Comments: | | |
| | | |
| | | |

| Repairs Only | |
|---|---|
| | State Code |
| Failing System Code | |
| Type of Distribution | G or P |
| Type of Failure/Malfunction | |
| Primary Cause of Failure/Malfunction | |
| | |
| Age of System? _____ | |
| Initial or Repair? _____ | |

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

Sheet 1 of 1
PROPERTY ID #: 4757376038
COUNTY: Iredell

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

OWNER: Deal: Homes
APPLICATION DATE 11-1-2021
ADDRESS: 129 W. Iderma Trail
DATE EVALUATED: 12-8
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 1 Ac
LOCATION OF SITE: 129 W. Iderma Trail
PROPERTY RECORDED: Y-1
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 | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3-4% SS | 0-6 | SBL SCC | FR SS SP Sor | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-38 | SBL C | | | | | | |
| | | 38-60 | SBL CL | | | | | | |
| | | 60 | | | | | | | |
| 2 | 3-4% SS | 0-6 | SBL SCC | | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-26 | SBL C | | | | | | |
| | | 26-60 | SBL CL | | | | | | |
| 3 | 3-4% SS | 0-6 | SBL SCC | | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-38 | SBL C | | | | | | |
| | | 38-60 | SBL CL | | | | | | |
| 4 | 3-4% SS | 0-6 | SBL SCC | | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-36 | SBL C | | | | | | |
| | | 36-60 | SBL CL | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 300+ | 300+ |
| System Type(s) | 2SC | 2SC |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Boggs
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)<br>CV (Convex Slope)<br>D (Drainage Way)<br>DS (Debris Slump)<br>FP (Flood Plain)<br>FS (Foot Slope)<br>H (Head Slope)<br>L (Linear Slope)<br>N (Nose Slope)<br>R (Ridge)<br>S (Shoulder Slope)<br>T (Terrace) | I | S (Sand)<br>LS (Loamy Sand) | 1.2 - 0.8 | 0.6 - 0.4 | SEXP (Slightly Expansive)<br>EXP (Expansive) | G (Single Grain)<br>M (Massive)<br>CR (Crumb)<br>GR (Granular)<br>SBK (Subangular Blocky)<br>ABK (Angular Blocky)<br>PL (Platy)<br>PR (Prismatic) |
| | II | SL (Sandy Loam)<br>L (Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | |
| | III | Si (Silt)<br>SiCL (Silty Clay Loam)<br>CL (Clay Loam)<br>SCL (Sandy Clay Loam)<br>SiL (Silt Loam) | 0.6 - 0.3 | 0.3 - 0.15 | | |
| | | | | | **MOIST** | **WET** |
| | IV | SC (Sandy Clay)<br>SiC (Silty Clay)<br>C (Clay) | 0.4 - 0.1 | 0.2 - 0.05 | VFR (Very Friable)<br>FR (Friable)<br>FI (Firm)<br>VFI (Very Firm v. Very Sticky) | NS (Non-sticky)<br>SS (Slightly Sticky)<br>S (Sticky)<br>VS (Very Sticky) |
| | | O (Organic) | None | None | EFI (Extremely Firm) | NP (Non-plastic)<br>SP (Slightly Plastic)<br>P (Plastic)<br>VP (Very Plastic) |

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

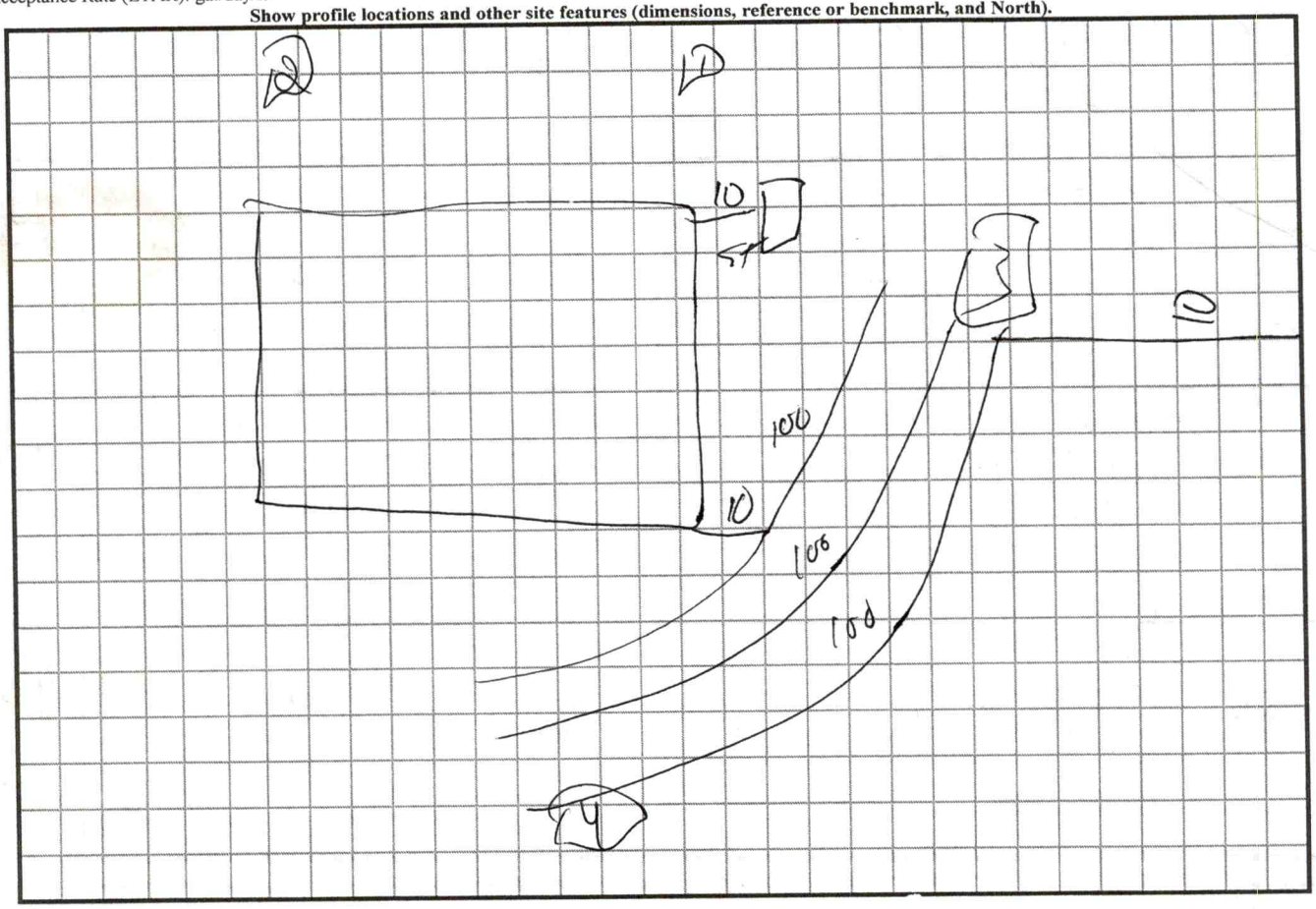
***NOTES***

| | |
|---|---|
| *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 NOV 17 2021

"Marked"
Paid $500.00

# IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

## Application for SEPTIC REPAIR PERMIT

AP 323213

*(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)*

1. **APPLICATION FOR:** X **Improvement Permit** X **Authorization To Construct** ___ **BOTH** ___ **Existing System Inspection**

2. **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 check ( ) beside whichever is submitted if applicable*** ___ **Custom Site Plan, Scaled no more than 1 Inch = 60 Feet**

3. **Applicant Information:**

| Applicant Name | Mailing Address | Home Phone # | Alternate Phone # |
|---|---|---|---|
| Denali Home Builders | 132 Court St Statesville NC | 704 224 1440 | |
| Owner Name | Mailing Address | Home Phone # | Alternate Phone # |
| Sherri Moore | | | |

4. **Property Information:**

| Street Address | Subdivision Name | Section/Phase and Lot Number |
|---|---|---|
| 129 Wildeman Trail | Maple Creek | 17 |

**Driving Directions:** I 77 North to Hwy 21 R on Hwy 21- Left on Maple Creek Dr - Left on Ravencrest Left on Wildeman Trail - Property on left

5. **RESIDENTIAL Site Development Information:** *(Check or Complete ALL that apply)*

- X **New, Single Family Residence**
- ( ) **New, Multi-Family Residence**
- ( ) **Expansion of Existing Septic System**
- (X) **Repair To Failing Septic System due to** _____
- ( ) **Other** _____

**Maximum Number of Bedrooms** 3
**Maximum Number of Occupants** 6
**If Expansion, Current Number of Bedrooms** ___

- X **Crawl Space Foundation?**
- ( ) **Concrete Slab Foundation?**
- ( ) **Basement w/Plumbing?**
- ( ) **Basement w/out Plumbing?**

**IF Non-Residential Site Development:**
**Type of Business** _____
**Square Footage of Building** _____
**Maximum Number of Employees** _____
**Maximum Number of Seats** _____

6. **Proposed Water Supply:**

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

7. **Desired Septic System Type:** *(You may rank in order of preference, if any)* ( ) **EXISTING SYSTEM installed** _____ *Year*

( ) **Alternative** X **Conventional** ( ) **Innovative** ( ) **Modified Conventional** ( ) **Other** _____

8. **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. industry) 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.

9. **Signature:** _____ 11/1/21
**Property owner or owner's legal representative signature (SIGNATURE REQUIRED)** **DATE**

# AUTHORIZATION TO ACT AS AGENT FOR OWNER

Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit on behalf of the owner. This form allows the authorized agent to make decisions on behalf of the owner pertaining to modifications of permits in the field. It is the responsibility of the owner to assure that any/all permit conditions specified on permits issued by this Division are followed.

I, Sherri Moore, am the legal owner of the property located at 129 Wilderman Trail, identified as PIN(Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize (print authorized agent/company name) Kent Jackson / Benali Home Builders - _____, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

1. Improvement Permit (IP)/ Authorization to Construct (AC).
2. Application for soil-site evaluation (new/repair).
3. Application/permit for water well/well abandonment.
4. Application for existing system.
5. Application for Improvement Permit (IP)/ Authorization to Construct (AC).

I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

Sherri Moore — Signature of Owner — 10-25-21 — Date

[signature] — Signature of Witness — 10-25-21 — 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

or

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

## IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

## *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:**

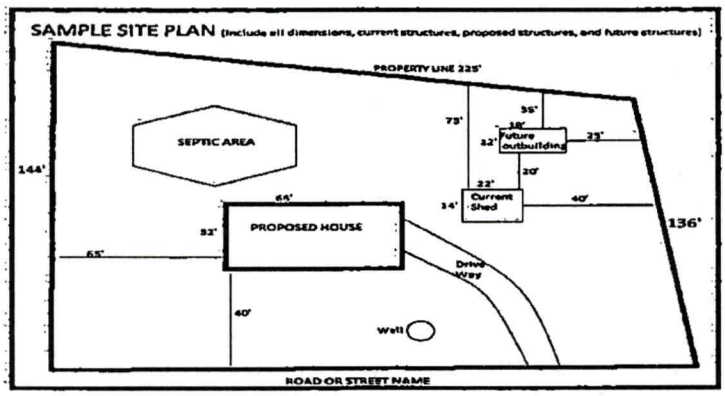
- ✓ **Property Line measurements are clearly identified...**
- X **All proposed structures are indicated...**

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

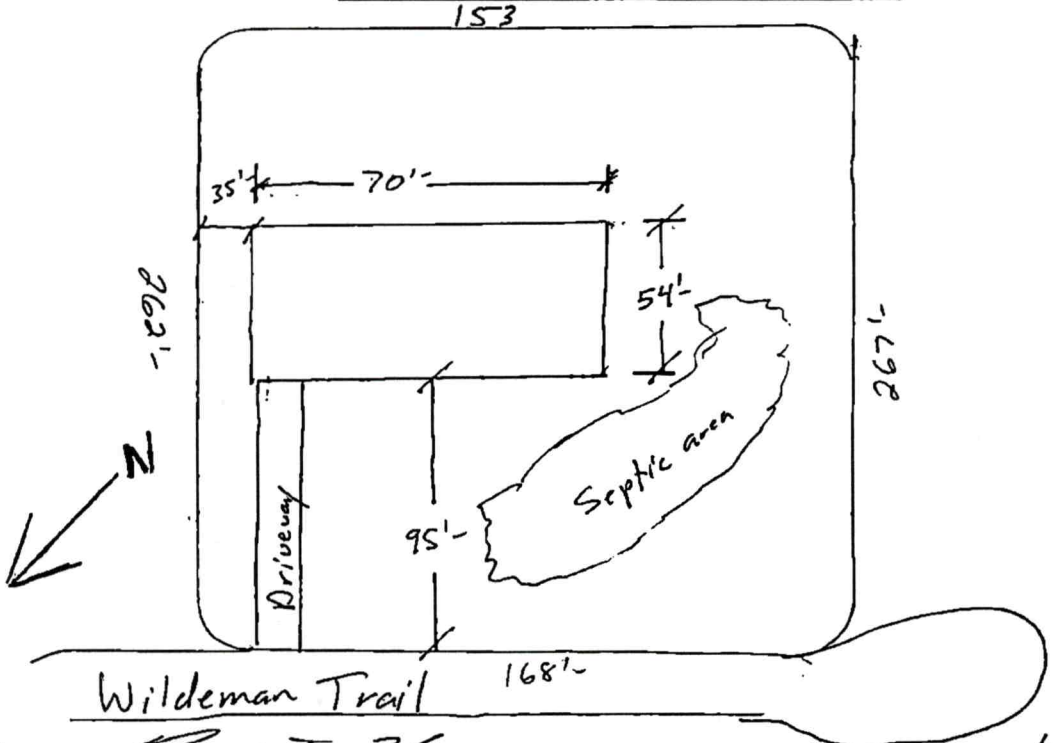
- X **Front and side setbacks from property line...**
- ✓ **Preferred driveway location and configuration, preferred well location...**
- ✓ **Area you prefer your septic system to be placed...**
- X **North arrow, or other sufficient indicator of direction...**

**Circle N/A on the following if appropriate:**

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




**USE THIS SPACE TO DRAW YOUR SITE PLAN**




**Signature:** _____ 11/1/21

*REQUIRED* **property owner or owner's legal representative signature.** **DATE**

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| 323213<br>Issue Date: |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4757376038.000 | 129 WILDEMAN TRL | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: MOORE SHERRI | Name: JACKSON, KENTON L./DENALI HOME BUILDERS |
| Address: 198 FOXGLOVE DR<br>STATESVILLE, NC 28625 | Address: 1182 WEATHERBY DRVIE<br>SALISBURY, NC 28146 |
| Phone: | Phone: (704)872-1591 |

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

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 0.9962 | 35 | 35 | 15 | 15 | N/A | NO |

| Remarks |
|---|
| SFD |

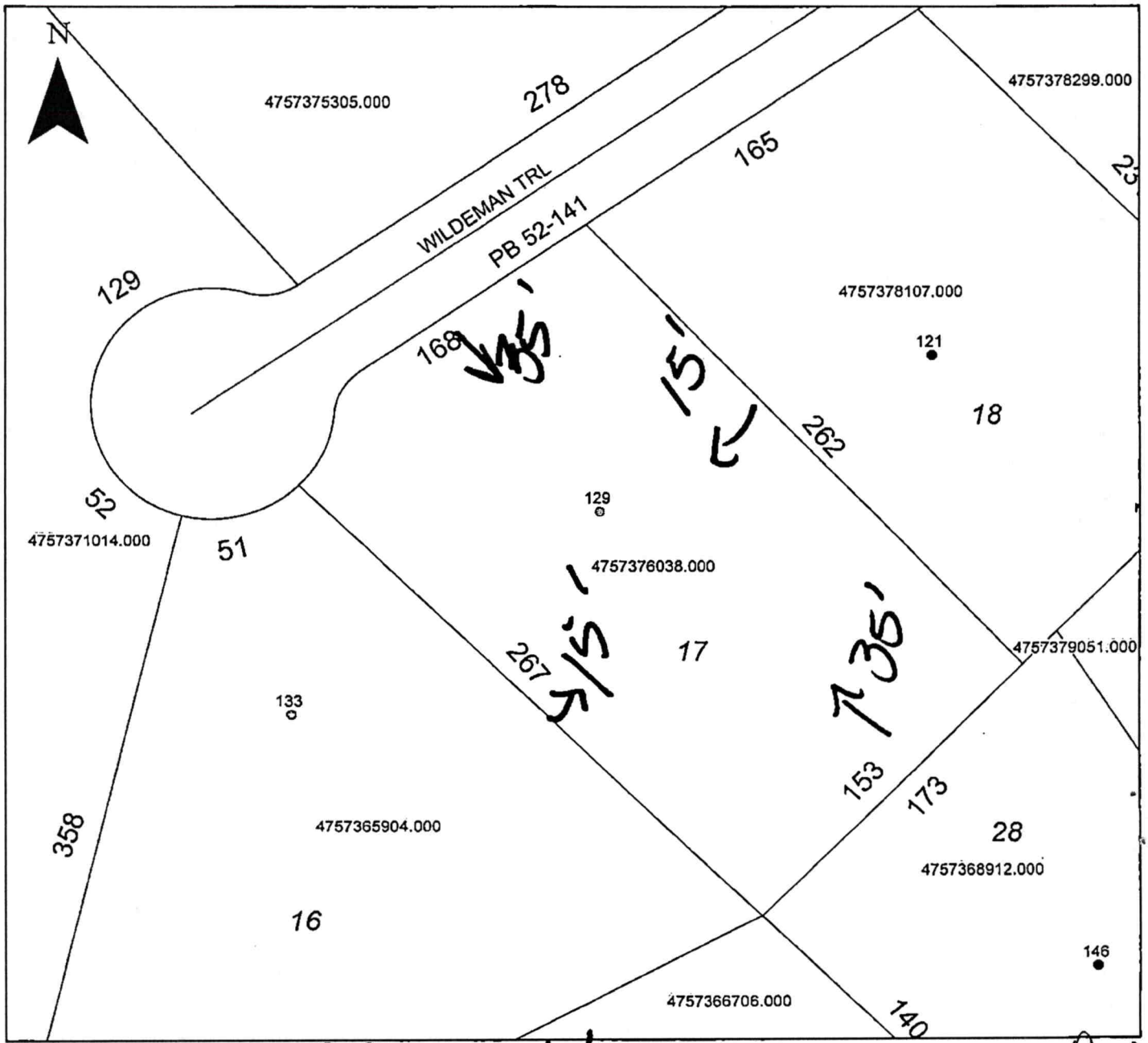
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions,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

**Date:** 11/17/2021

Signature of Owner/Contractor

| Permit Number | 323213 | TOTAL FEES: | $77.25 |
|---|---|---|---|

# ZONING DISCLAIMER




Property Address 129 Wildeman

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

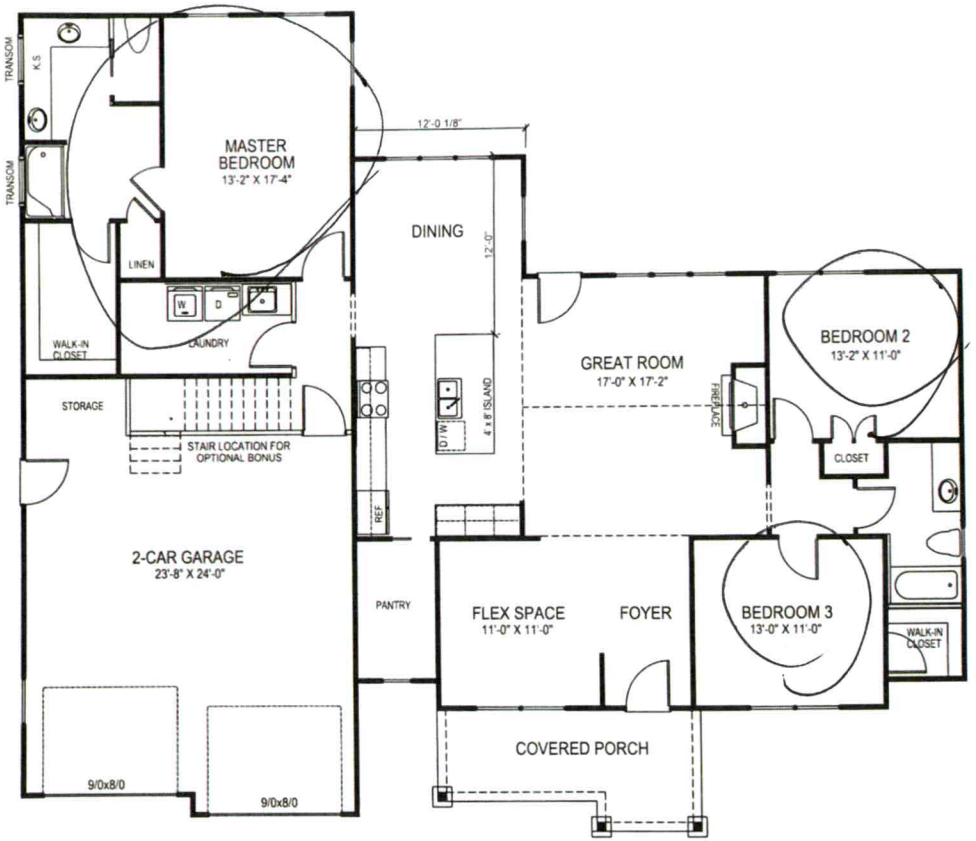
Date

PRELIMINARY
PRELIMINARY INFORMATION ONLY
NOT FOR CONSTRUCTION

**Acknowledgement Of Plans Submittal ONLY!**

Date 12-20-2021

Date 12-20-21




(704) 872-1591
DenaliHomeBuilders@gmail.com

THIS DRAWING IS NOT TO BE REPRODUCED OR USED TO CONTRACT ANY BUILDING WITHOUT WRITTEN AUTHORIZATION AND SHALL REMAIN THE PROPERTY OF DENALI HOME BUILDERS
ALL RIGHTS RESERVED
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SHERRI MOORE
STATESVILLE NC
WILDEMAN TRAIL
MAIN LEVEL PLAN

| SQUARE FOOTAGE | |
|---|---|
| MAIN LEVEL | 1957 S.F. |
| UPPER LEVEL | 264 S.F. |
| FRONT PORCH | 124 S.F. |
| GARAGE | 611 S.F. |
| TOTAL HEATED | 1957 S.F. |

DRAWN BY:
LJ
DESIGN NO:
DH-2020-120
SCALE:
1/8" = 1'-0"
BASE PLAN:
GRAYLING
REVISION:
12/16/18
MANAGER
KENT JACKSON
DATE DRAWN:
10/05/21

B2.3

Sherri Moore