# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # 301543

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

PIN # 4840908407

APPLICANT/OWNER: Dixieland Inc APPLICANT ADDRESS: 851 Tomlin Mill Rd Statesville NC

SITE ADDRESS: 174 Cora Ln Olin NC 28660 PHONE: 704 202-4971 ALT. PHONE -

SITE DIRECTIONS: I77 N to Exit 59 R on Tomlin Mill L on Jerry Rd L on Olin L, L on Cora SAP CONTROLLED: ☐ YES ☒ NO

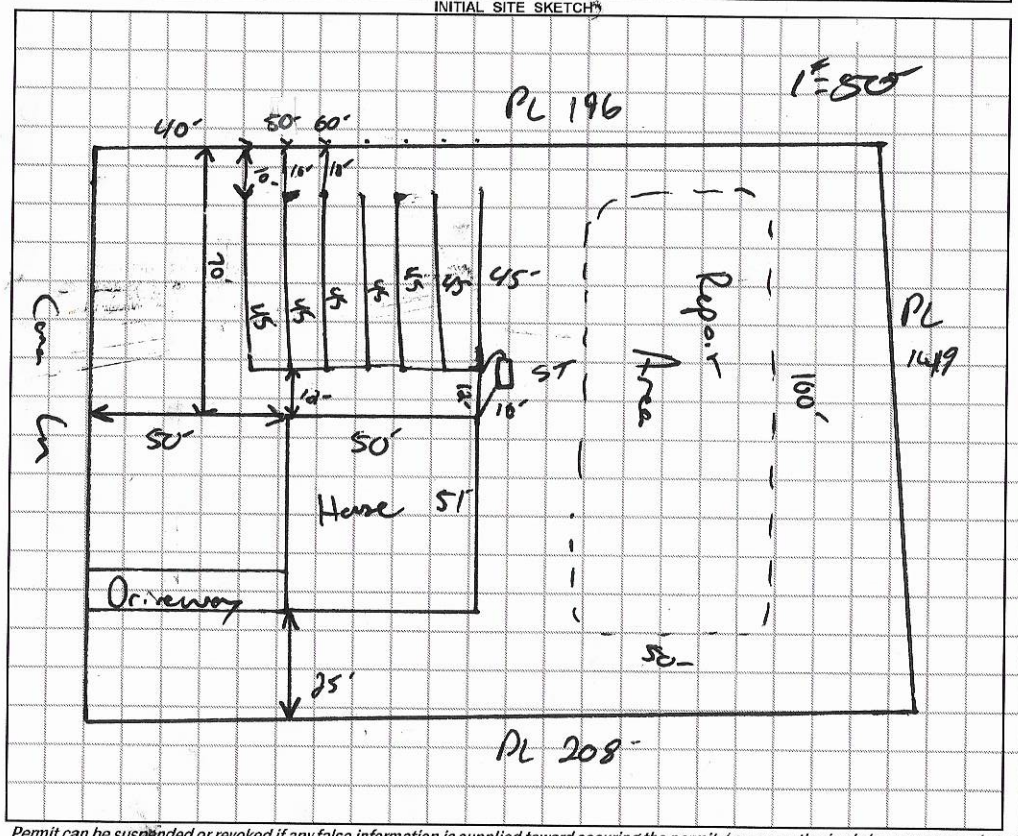
SUBDIVISION: Olin Ridge SECTION: 2 LOT # 6 LOT AREA: 0.68 Acre DESIGN FLOW: 360gpd L.T.A.R.: .3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 754 | Date | 10-2-19 | ☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI | ☒ Residence | No. Bedrooms | 3 |
| Pump Tank | (gal) | PT | | Date | | System Description: 25% Reduction | ☐ Business | No. Persons | 6 |
| Pump Make | | Model | | Serial # | | Repair System Description: 25% Reduction Pump | ☐ Other | No. Employees | |
| # Nitrification Fields | 1 | # Lines | 7 | Linear Ft | 300' | Maintenance Agreement Required: ☐ YES ☒ NO | ☐ Slab | ☒ Crawl Space | |
| Trench Width | 36" | Trench Bottom Depth(~~Low side~~) | Max 36" | Gravel Depth | - | ☒ GRAVITY ☐ PRESSURE | ☐ Basement w/plumbing | ☐ Basement w/o plumbing | |

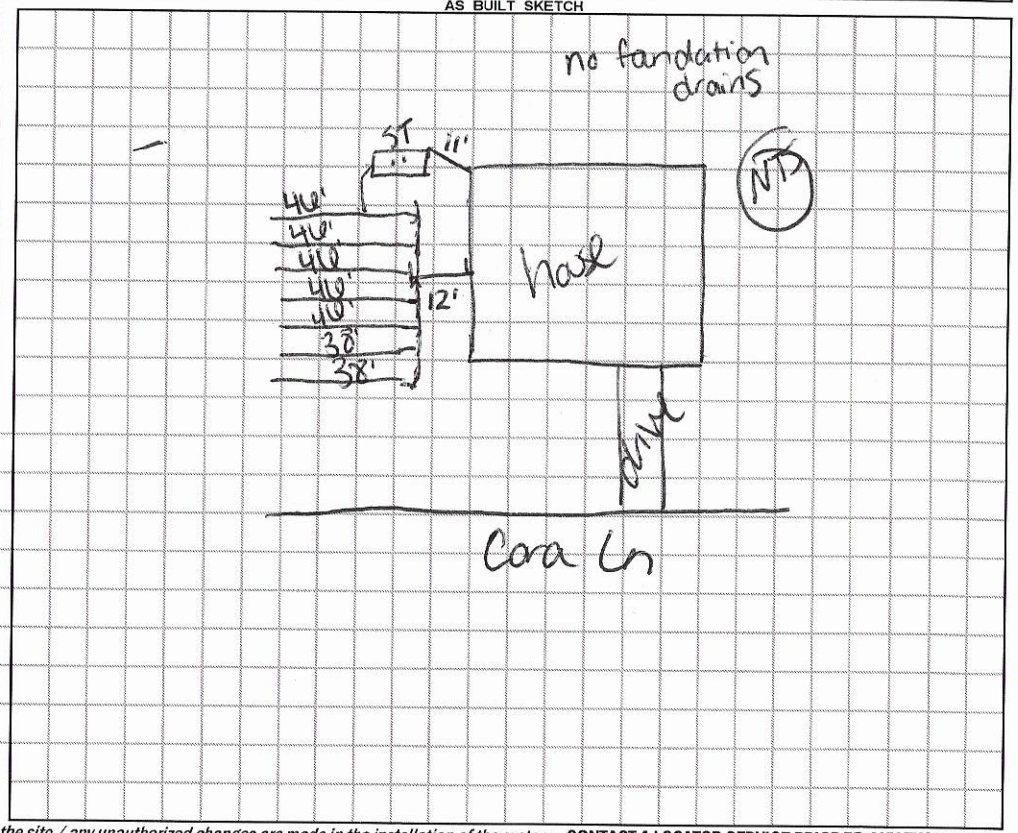
**Water Supply**: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install lines on Center of land and use Serial distribution.

INITIAL SITE SKETCH




AS BUILT SKETCH




*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: Regina C Donald Date: 11/1/19 Installed by: Rick - Al Backhoe

IMPROVEMENT PERMIT by: Date: 10-28-19 OPERATION PERMIT by: Carla C. Nichols Date: 1-21-20

AUTHORIZATION TO CONSTRUCT by: Date: 10-28-19 Existing System Inspected by: Date:

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

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

919-513-1678

Sheet 1 of 1
PROPERTY ID #: 484090840?
COUNTY: Iredell

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

OWNER: Dixieland Inc
ADDRESS: 174 Cora Ln
PROPOSED FACILITY: Home
LOCATION OF SITE: 174 Cora Ln
APPLICATION DATE 10-1-19
DATE EVALUATED: 10-21-19
PROPOSED DESIGN FLOW (.1949): 3Bdrm
PROPERTY SIZE: 0.68
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 | SS 3-4% | 0-6 | SBK SCL | Fr SSSP Serp | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-31 | SBK C | Fr SSSP Serp | | | | | |
| | | 31-48 | SBK CL | Fr SSSP Serp | | | | | |
| 2 | SS 3-4% | 0-6 | SBK SCL | Fr SS SP Serp | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-31 | ABK C | Fr SS SP Serp | | | | | |
| | | 31-48 | SBK CL | Fr SSSP Serp | | | | | |
| R 3 | SS 3-4% | 0-6 | SBK SCL | Fr SS SP Serp | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-37 | SBK C | Fr SS SP Serp | | | | | |
| | | 37-48 | SBK CL | Fr SS SP Serp | | | | | |
| R 4 | SS 3-4% | 0-6 | SBK SCL | Fr SS SP Serp | N/A | 48+ | N/A | N/A | PS .3 |
| | | 6-35 | SBK C | Fr SSSP Serp | | | | | |
| | | 35-48 | SBK CL | Fr SSSP Serp | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 300' | 300' |
| System Type(s) | 25% | 25% |
| 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) | 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 a..1 quality.

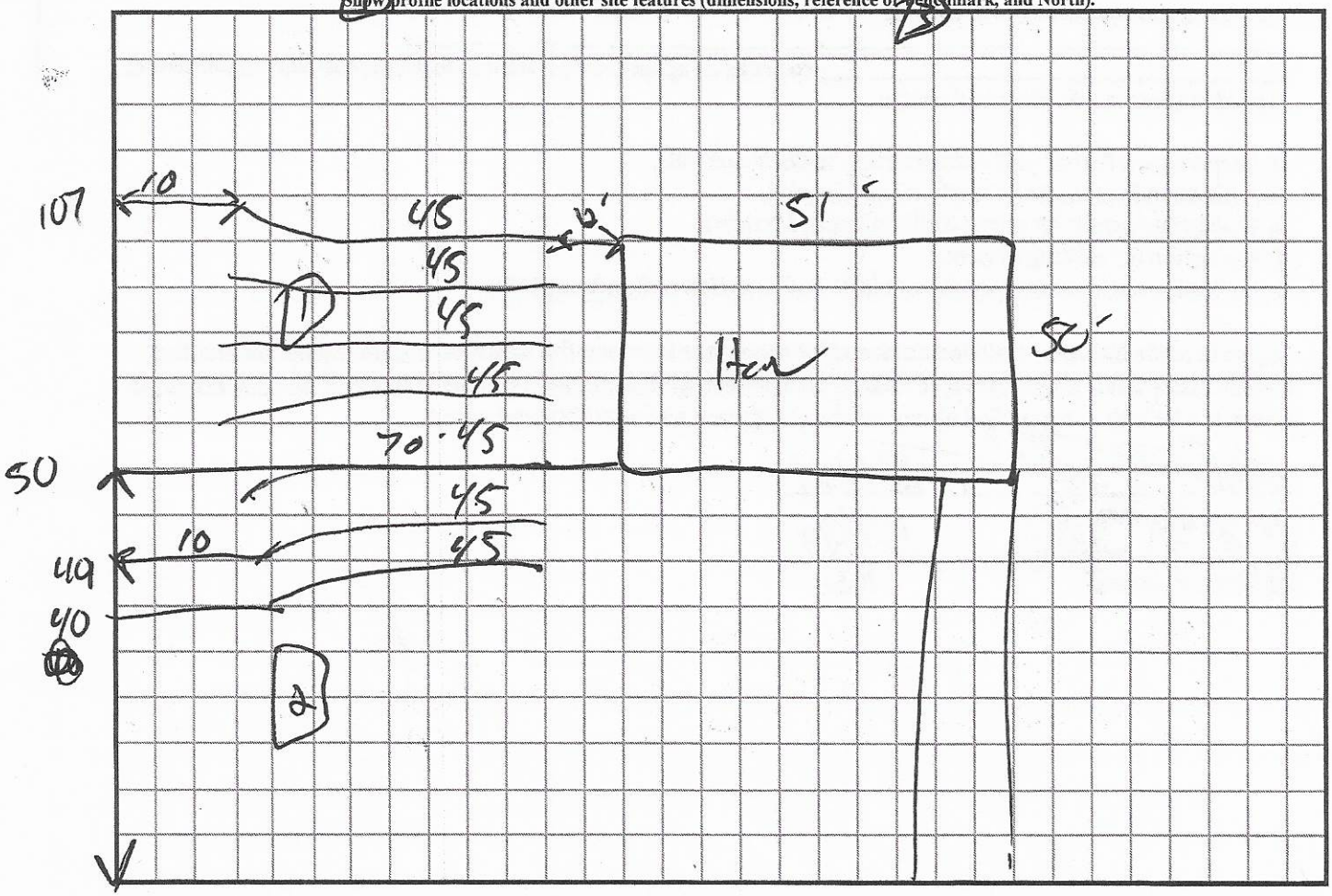
***NOTES***

| | |
|---|---|
| *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/ft²

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**



RECEIVED OCT 7 - 2019

# IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

*(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)* Paid $500.00

**1. APPLICATION FOR:** ___Improvement Permit ___Authorization To Construct ___ Existing System Inspection

**2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application** AP- 30154B

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 # |
|---|---|---|---|
| Dixieland Inc | 851 Tomlin Mill Rd S-Ville | 704 2024971 | |
| Owner Name: same | Mailing Address | Home Phone # | Alternate Phone # |

**4. Property Information:**

| Street Address | Subdivision Name | Section/Phase and Lot Number |
|---|---|---|
| 174 Cora Lane Olin | Olin Ridge | 6 |

**Driving Directions:** Take Exit 59 - Tomlin Mill - Turn Right then left onto Jary Rd. Go to end + turn left on Olin Loop then left onto Cora Lane Lot on Right

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

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

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

(✓) 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 ( ) City Water (✓) Other Public Water

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

( ) Alternative (1) Conventional ( ) Innovative (2) Modified Conventional ( ) Other _____

**8. Please Answer The Following To The Best of Your Ability:**
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes (✓) 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:** Regina C Dowdle — 10/1/19

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

## 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:**

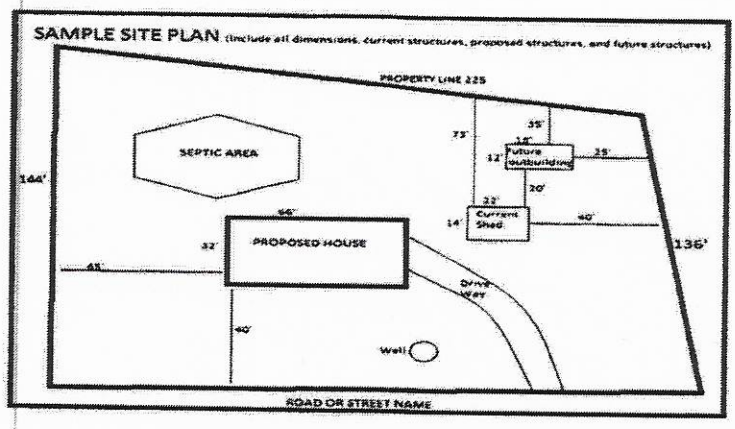
- ✓ **Property Line measurements are clearly identified…**
- ✓ **All proposed structures are indicated…**

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

- ✓ **Front and side setbacks from property line…**
- ✓ **Area you prefer your septic system to be placed…**
- ✓ **Preferred driveway location and configuration, preferred well location…**
- ✓ **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**

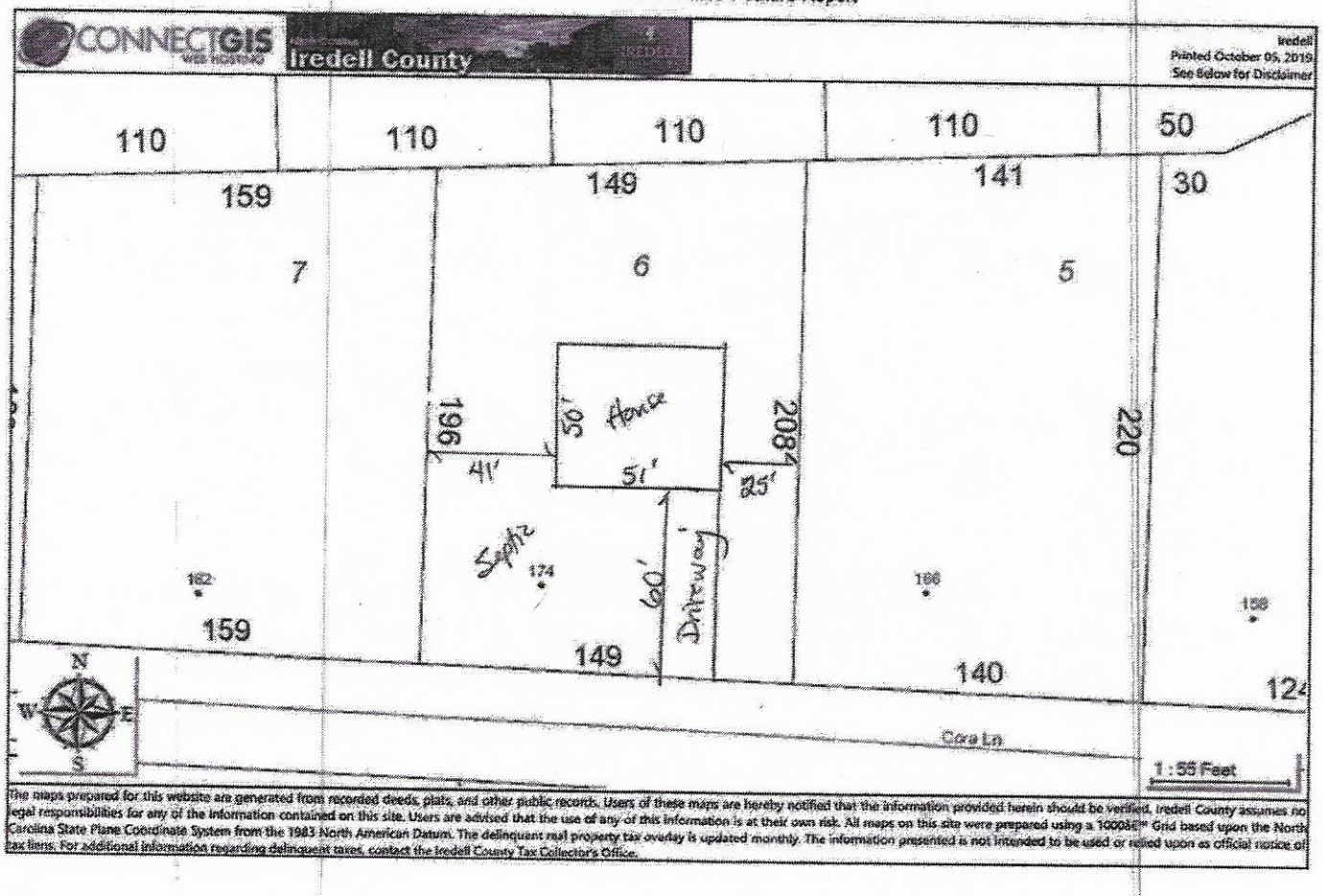
See attached

**Signature:** Lorena C Dowdle

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

10/1/19

**DATE**




The maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information provided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of any of this information is at their own risk. All maps on this site were prepared using a 1000™ Grid based upon the North Carolina State Plane Coordinate System from the 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as official notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.

174 Cora Lane

Lynna Dowell

# 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, Dixieland Inc, am the legal owner(s) of the property located at 174 Cora Lane, identified as PIN (Parcel Identification Number) 4640908407, located in Iredell County, North Carolina.

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

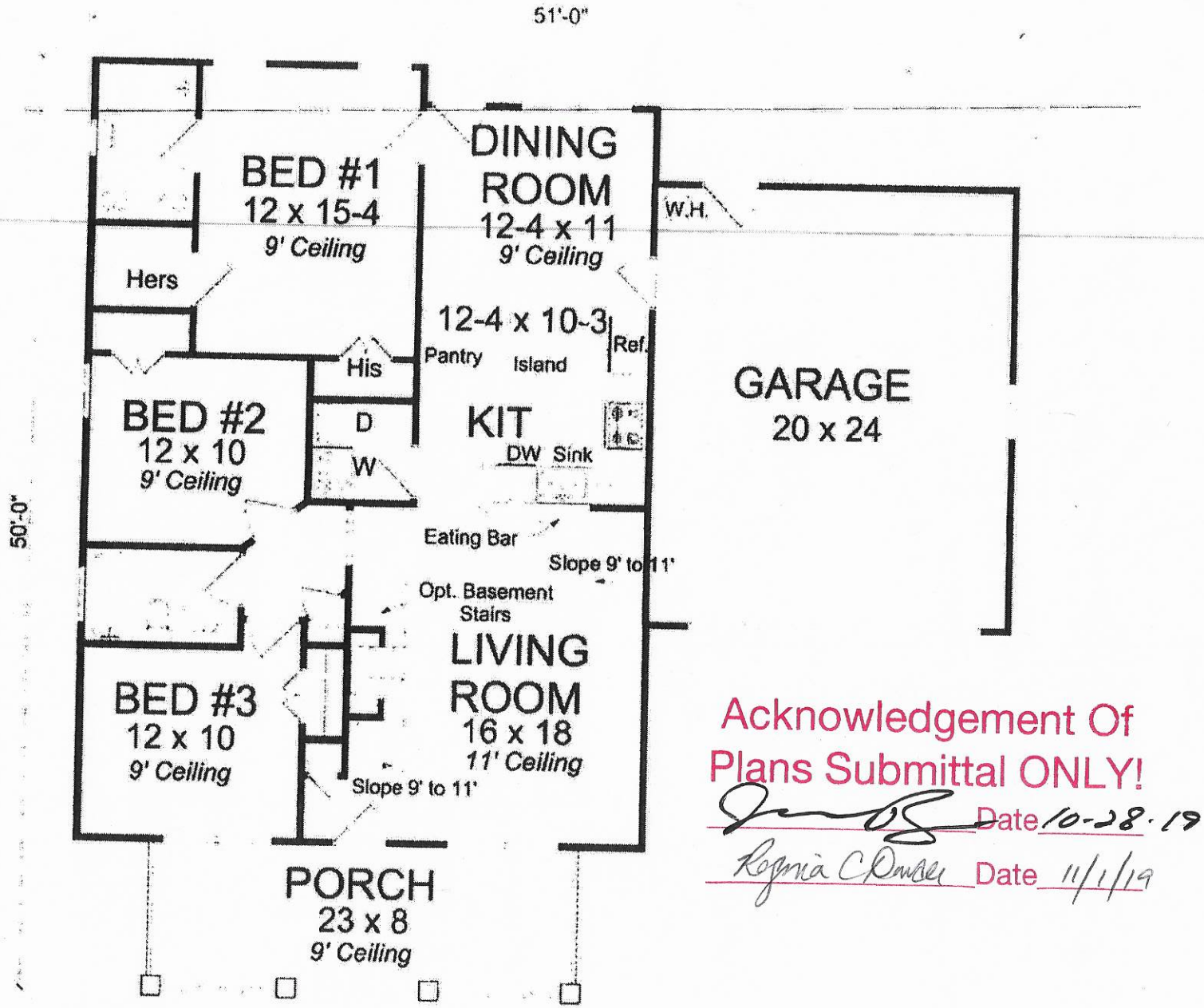
Ronnie C Dixie

Signature of Owner(s) Date 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




Acknowledgement Of
Plans Submittal ONLY!

Date 10-28-19

Regina C Danker Date 11/1/19

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| 301543<br>Issue Date: 10/07/2019 |

**Permit Type: ZONING RESIDENTIAL**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4840908407.000 | 174 CORA LN | |

| Owner Information | Applicant Information |
|---|---|
| Name: DIXIELAND INC<br>Address:<br><br>Phone: | Name: DIXIELAND INC<br>Address:<br><br>Phone: |

| Use Requested | Zone Code |
|---|---|
| | RA |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 0 | 35 | 35 | 15 | 15 | | |

| Remarks |
|---|
| |

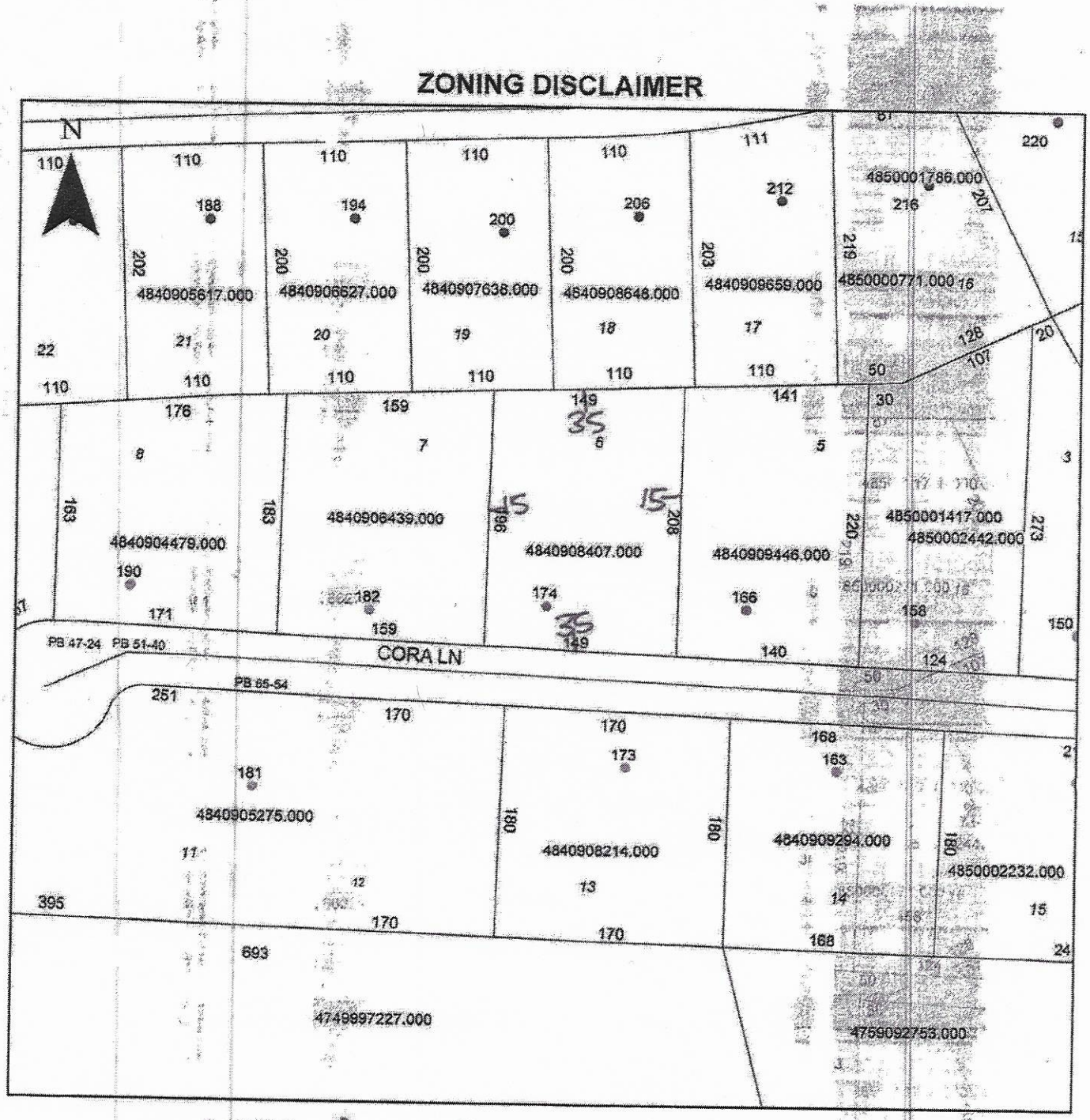
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, 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:** 10/07/2019

| Permit Number | 000494 | TOTAL FEES: | $77.25 |
|---|---|---|---|

# ZONING DISCLAIMER




Property Address 174 Cora Lane

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.

Regina C Dowdle
Applicant

10/7/19
Date