(BB) MANF 2023-37407

# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625

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

PERMIT # OSWP-2022-947

PIN # 4648 -- 17 -- 4463

APPLICANT/OWNER: MIKE MILLS

APPLICANT ADDRESS: 839 CORNELIUS ROAD, MOORESVILLE, N.C. 28117

SITE ADDRESS: 831 CORNELIUS ROAD, MOORESVILLE, N.C. 28117

PHONE: 704-621-8245

ALT. PHONE: —

SITE DIRECTIONS: (S) ON 21, (R) ON PERTH, (L) ON CORNELIUS, LOT ON (R)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: CHARLES W. MILLS JR + CAROL M. MILLS

SECTION: — LOT # 2 LOT AREA: 1.64 ac

DESIGN FLOW: 240 GPD L.T.A.R.: 0.25 (0.1) REPAIR

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | INFILTRATOR | Date | — | ☑ New System ☐ Repair ☐ Expansion | System Type: I II (III) IV V VI | |
| Pump Tank | — | (gal) | PT | — | Date | — | System Description: | 50% REDUCTION - VPPBPS | |
| Pump Make | — | | Model | — | Serial # | — | Repair System Description: | DRIP IRRIGATION | |
| # Nitrification Fields | 1 | # Lines | 4 | | Linear Ft | 160 FT | Maintenance Agreement Required: | ☐ YES ☑ NO | |
| Trench Width | 24 IN | Trench Bottom Depth(Low side) | 32 IN | | Gravel Depth | — | | ☑ GRAVITY ☐ PRESSURE | |

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms: 2 No. Persons: 4 No. Employees: — ☑ Crawl Space

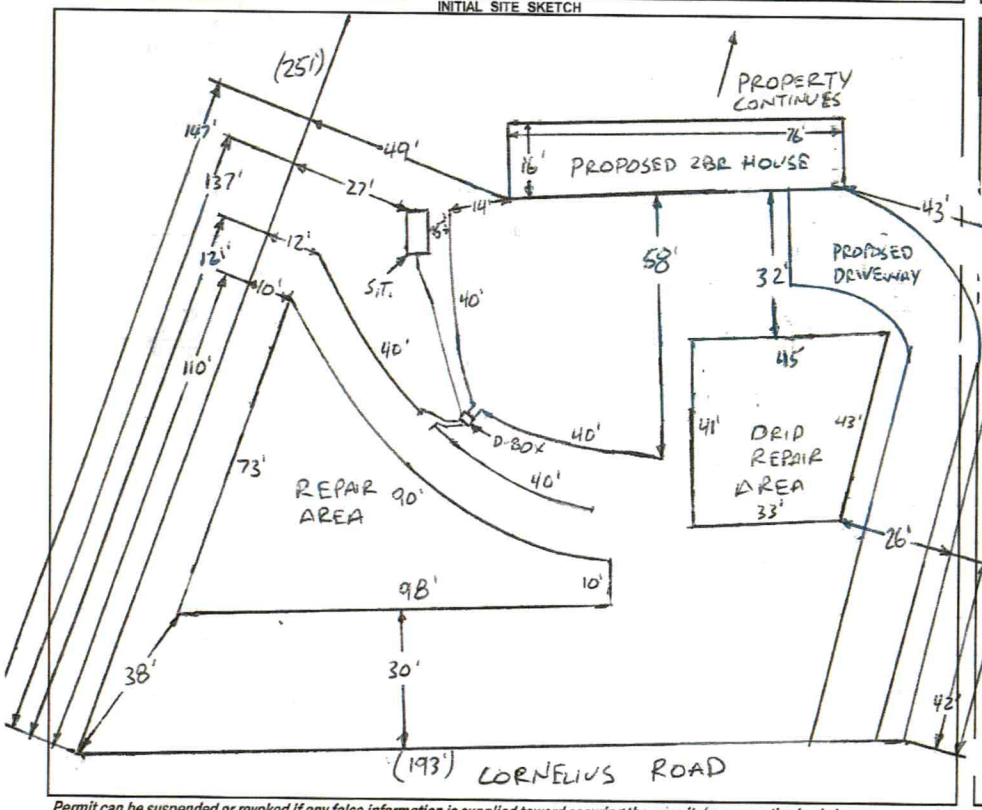
Water Supply: ☑ Private (EXT SHARED) ☐ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8 FT CENTERS, UTILIZE EQUAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH BOTTOM DO NOT SHALLOW UP. TANK MUST BE SET AT GRADE

MAY REQUIRE RELAYOUT FOR PUMP IF PLUMBING IS TOO DEEP

INITIAL SITE SKETCH

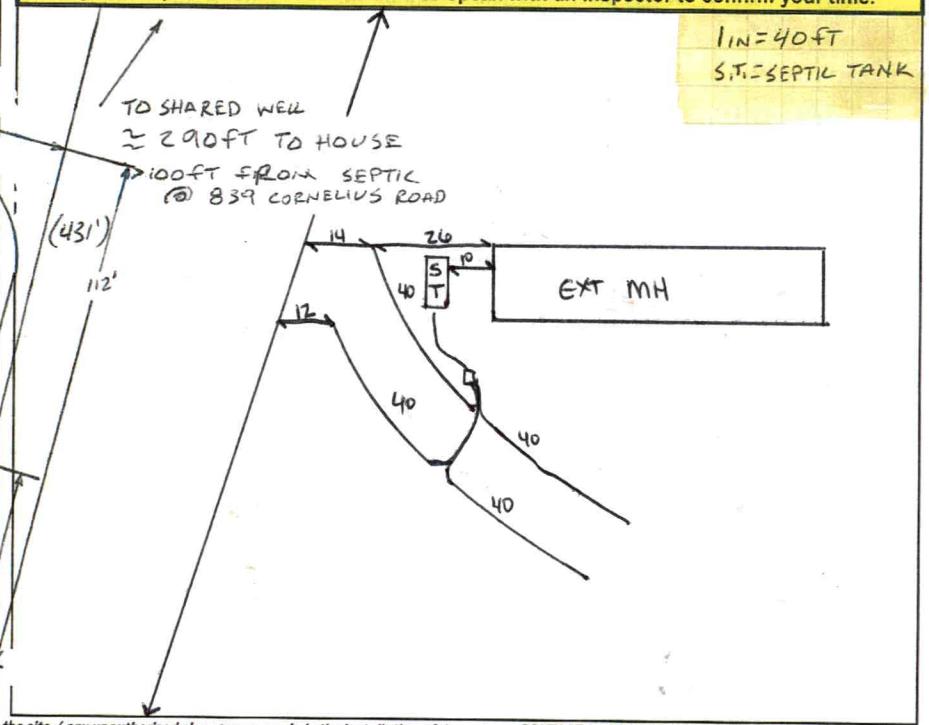



AS BUILT SKETCH

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

1 IN = 40 FT

S.T. = SEPTIC TANK




*Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system.* **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat* valid without expiration. ☑ **IMPROVEMENT PERMIT** *with site plan* valid for 60 mos. ☑ **AUTHORIZATION TO CONSTRUCT** valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: ONLINE SIGNATURE Date: —

Installed by: T W Ammons Septic Service

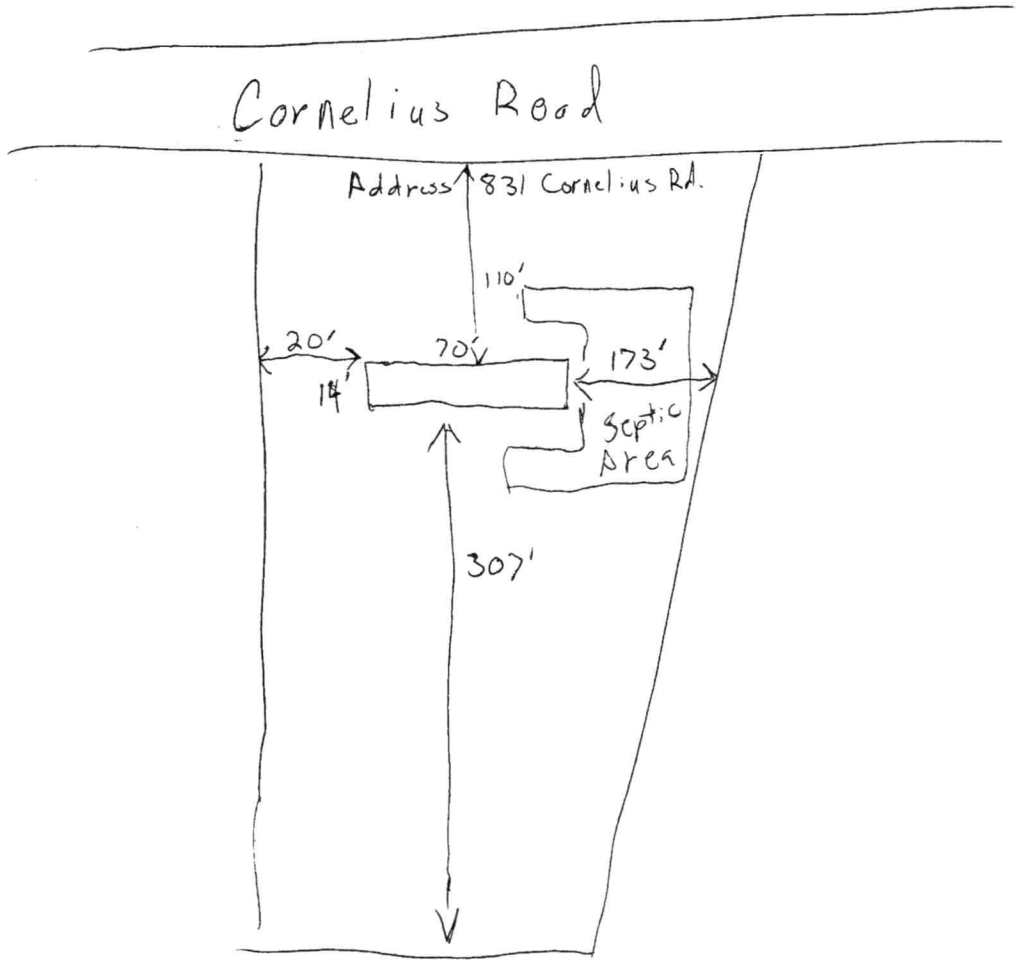
IMPROVEMENT PERMIT by: Bryant C. White Date: 8-8-2023

OPERATION PERMIT by: Sarah Williams Date: 11/07/2023

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 8-21-2023

Existing System Inspected by: Date:

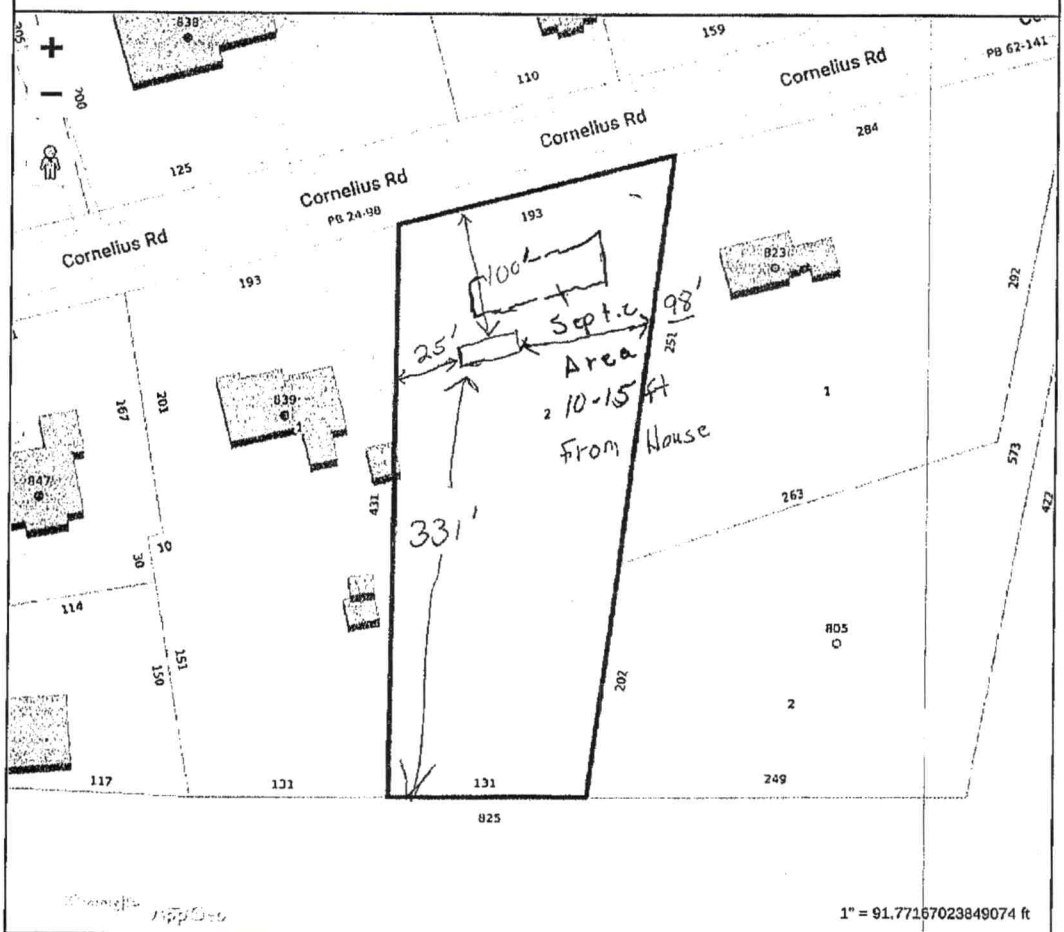
**FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.**


Cornelius Road
Address 831 Cornelius Rd.
110'
20'
70'
173'
14'
Septic Area
307'

Iredell County, North Carolina

November 14, 2022

# Cornelius Road Site Plan




1" = 91.77167023849074 ft

**Tax Map Information**

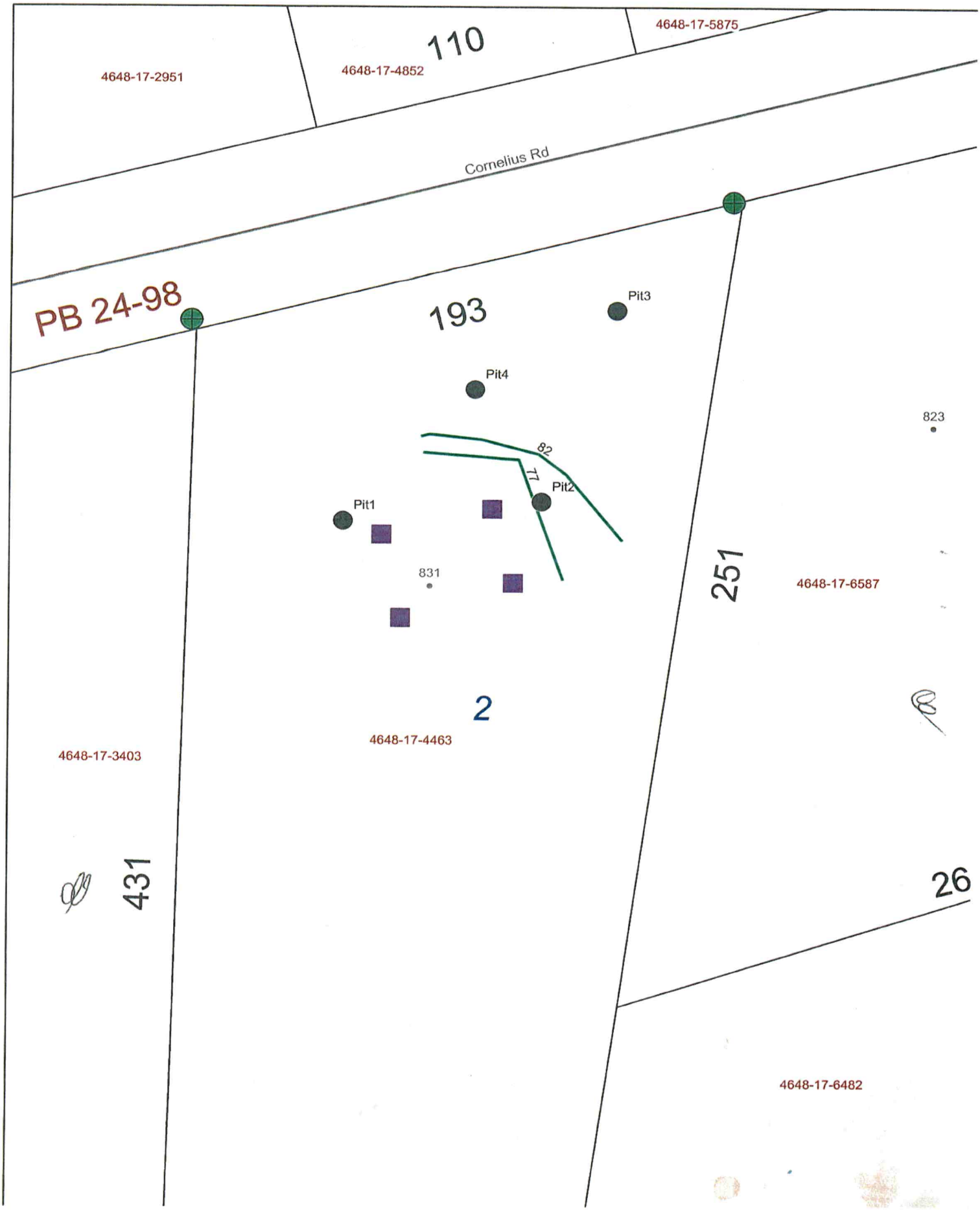
| | |
|---|---|
| • PIN | 4648174463.000 |
| • Address | CORNELIUS RD |
| • Account # | Acct 77409124 |
| • Tax Owner | MILLS LISA COGGINS |
| • Mailing Address | 10232 HAYFIELD RD |
| • | CHARLOTTE, NC 28213 |
| • GIS Owner | MILLS LISA C |
| • Deed Info | 1230 / 1045 - WD - 20081201 |
| • Tax Acres | 1.64 AC |
| • Lot # | 2 |
| • Description | CHARLES W MILLS JR+CAROLYN M MILLS PB24-98 |
| • Zoning | RA |
| • Old Parcel # | 1702S00000A079 |
| • Bldg Value | $0 |
| • OBXF Value | $0 |
| • Land Value | $62,290 |
| • Total Value | $62,290 |
| • Defer Value | $0 |
| • Tax Districts | -ALLCNTY FIRE- - |

IREDELL

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.


4648-17-2951
110
4648-17-4852
4648-17-5875
Cornelius Rd
PB 24-98
193
Pit3
Pit4
823
82
77
Pit2
Pit1
831
251
4648-17-6587
2
4648-17-4463
4648-17-3403
431
26
4648-17-6482

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

Sheet 1 of 1
PROPERTY ID #: 4648-17-4463
COUNTY: IREDELL

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

OWNER: MIKE MILLS
ADDRESS: 839 CORNELIUS ROAD, MOORESVILLE, N.C. 28117
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240GPD
LOCATION OF SITE: 831 CORNELIUS ROAD, MOORESVILLE, N.C. 28117
WATER SUPPLY: ✓Private Public ✓Well Spring Other
EVALUATION METHOD: Auger Boring ✓Pit Cut
TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

APPLICATION DATE 11-15-2023
DATE EVALUATED: 2-1-2023
PROPERTY SIZE: 1.48 AC
PROPERTY RECORDED: YES

| 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 | HEAD 5% | 0-12 | PLOW LAYER | MIXED | ~~2.5Y~~ 6/2 @ 28" Y/B THRU OUT | 48"+ | NA | NA | PS .1 DRIP |
| | | 12-48 | C, ST. ABK | fi, S, P, SEXP | | | | | |
| 2 | LINEAR SIDE 6% | 0-24 | C, SBK | FR, S, P, SEXP | SAP INC THRU OUT MICA COMMON | 48"+ | NA | NA | PS .3 36" TRENCH BOTTOM |
| | | 24-48 | CL, WSBK | fi, SS, SP, SEXP | | | | | |
| 3 | LINEAR SIDE 4% | 0-9 | FILL | MIXED | FEW Y/B 11"-18" SAP INC THRU OUT MICA COMMON | 48"+ | NA | NA | PS .275 36" TRENCH BOTTOM |
| | | 9-25 | C, SBK | fi, S, P, SEXP | | | | | |
| | | 25-48 | CL, WSBK | FR, SS, SP, SEXP | | | | | |
| 4 | LINEAR | 0-16 | PLOW LAYER | MIXED | Y/B THRU OUT SAP INC THRU MICA NCO | 49"+ | NA | NA | PS .25 36" TRENCH BOTTOM |
| | | 16-49 | C, ABK | fi, S, P, SEXP | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 50% | DRIP |
| Site LTAR | 0.25 | 0.1 |

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

COMMENTS:

# PERMIT SNAPSHOT REPORT OSWP-2022-9470
# FOR IREDELL COUNTY

**Permit Type:** Environmental Health OSWP
**Work Class:** EH Septic Improvement Permit
**Status:** In Progress
**Valuation:** $0.00
**Project:**
**District:** Iredell County
**Square Feet:** 0.00
**Assigned To:** White, Bryant
**App Date:** 11/15/2022
**Exp Date:** NOT AVAILABLE
**Completed:** NOT COMPLETED
**Approval Expire Date:**
**Description:** 831 Cornelius Rd address info in attachments for septic evaluation for 14x70 mobile home

| **Parcel:** 4648174463.000 Main | **Address:** 831 Cornelius Rd Mooresville, NC 28117 Main | **Zone:** RA(Residential Agricultural District) |
|---|---|---|

Applicant/Authorized Agent
Mike Mills
839 Cornelius Rd
Mooresville, NC 28117
Mobile: (704) 621-8245

Property Owner
LISA C MILLS

**Permit Custom Fields**

| | | | | | |
|---|---|---|---|---|---|
| How is your site plan being submitted | Custom Site Plan | Does the site contain any jurisdictional wetlands | No | Non-domestic Sewage Generated | No |
| Other Public Agency | No | All proposed structure dimensions | 14x70 | What are the proposed structures | New Single Family Residence |
| If other Addition/Structure, please explain | 1/3--applicant would like to SFD 40'x30' instead of SW if possible. | Maximum Number of Bedrooms | ~~3~~ MLM 2 02-01-2023 | Number of Occupants | 1 |
| Foundation Type | Crawl Space Foundation | Water Supply | Existing Well | Desired Septic System Type | Conventional (most common) |
| If other septic system type, please explain | | Has this project been approved by TRC | No | Lot Acreage | 1.64 |
| Front Setback | 35 | Back Setback | 35 | Left Setback | 15 |
| Right Setback | 15 | Is the structure or development in the floodplain | No | Is the property in a local historic district? | No |
| Is the property located downtown? | No | Zoning Notes/Addendums | REQUIREMENTS FOR ALL SINGLEWIDE MOBILE HOMES Must meet requirement R10 of the LDC. Must remove the towing apparatus, if it cannot be removed, it shall be screened; Must have a continuous underpinning; Must have 36 square foot front porch constructed within 12 inches of the floor elevation; Must have approved steps at all other secondary entrances and exits; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original home must be removed before Certificate of Occupancy can be approved. | Additional Unique Setbacks Apply | No |
| Watershed | WSIV CA CATAWBA/LAKE NORMAN | | | | |

| Attachment File Name | Added On | Added By | Attachment Group | Notes |
|---|---|---|---|---|
| Signature_Mike_Mills_11/15/2022.jpg | 11/15/2022 16:06 | Mills, Mike | | Uploaded via CSS |
| 831 Cornelius Rd Address per Rich H 11522_v1.pdf | 11/15/2022 16:13 | Hart, Ronda | Available Online | Additional Supporting Information |
| 831 Cornelius Rd Owner Auth_v1.pdf | 11/15/2022 16:13 | Hart, Ronda | Available Online | Authorize to Act as Agent |

# PERMIT SNAPSHOT REPORT (OSWP-2022-9470)

831 Cornelius Rd Site Plan_v1.pdf 11/15/2022 16:13 Hart, Ronda Available Online Site Plan

| Inspection Number | Status | Inspection Type | Request Date | Scheduled Start Date | Scheduled End Date | Actual Start Date | Actual End Date |
|---|---|---|---|---|---|---|---|
| 2023-49617 | Passed - Permit | OSWP Septic/Well Preliminary Site Visit | 01/03/2023 | | | 01/03/2023 9:22 | 01/03/2023 9:22 |

**Inspectors:** Kobuck, Teanna (Primary)

| Checklist Item | Description | Passed | Comments |
|---|---|---|---|
| General Comments | Checklist item used to track general comments, not specific to any other checklist item | No | |

| Invoice No. | Fee | Fee Amount | Amount Paid |
|---|---|---|---|
| INV-00005139 | New Gravity System | $500.00 | $500.00 |
| | Iredell Zoning Tech Fee | $2.25 | $2.25 |
| | Iredell Zoning Permit Fee | $75.00 | $75.00 |
| | Total for Invoice INV-00005139 | $577.25 | $577.25 |
| | **Grand Total for Permit** | **$577.25** | **$577.25** |

| Workflow Step / Action Name | Action Type | Start Date | End Date |
|---|---|---|---|
| **Application Completeness Check v.1** | | 11/15/2022 0:00 | 11/15/2022 16:14 |
| Confirm application complete v.1 | Generic Action | | 11/15/2022 16:14 |
| **Zoning Review v.1** | | 11/16/2022 0:00 | 12/09/2022 8:53 |
| Iredell County Zoning Approval v.1 | Task | 11/16/2022 0:00 | 12/09/2022 8:53 |
| Issue Invoice v.1 | Generic Action | | 11/16/2022 8:28 |
| Fees Paid v.1 | Generic Action | | 12/09/2022 8:53 |
| **Fees v.1** | | 11/16/2022 0:00 | 12/09/2022 8:53 |
| Issue Invoice v.1 | Generic Action | | 11/16/2022 8:28 |
| Fees Paid v.1 | Generic Action | | 12/09/2022 8:53 |
| **Lot Readiness Verification v.1** | | 01/04/2023 9:21 | |
| OSWP Septic Preliminary Site Visit v.1 | Inspection | 01/04/2023 9:21 | 01/04/2023 9:22 |
| | Inspection | | |
| | Generic Action | | |
| | Generic Action | | |
| | Generic Action | | |
| | Create Sub Permit | | |
| | Generic Action | | |