# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 239173

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

PIN # 4626098739

APPLICANT/OWNER: Scott & Taya Schutt | APPLICANT ADDRESS: 124 Pentland Ct Mooresville, NC 28117

SITE ADDRESS: 124 Pentland Ct. Mooresville, NC 28117 | PHONE: 7046 77-2342 | ALT. PHONE 704 746 5646

SITE DIRECTIONS: Brawley School Rd TR McKendree TR Lakeview Shores Lp TR Pentland Ct | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: CLAT | SECTION: 8 | LOT # 260 | LOT AREA: .681 Acre | DESIGN FLOW: 360 gpd | L.T.A.R.: .3

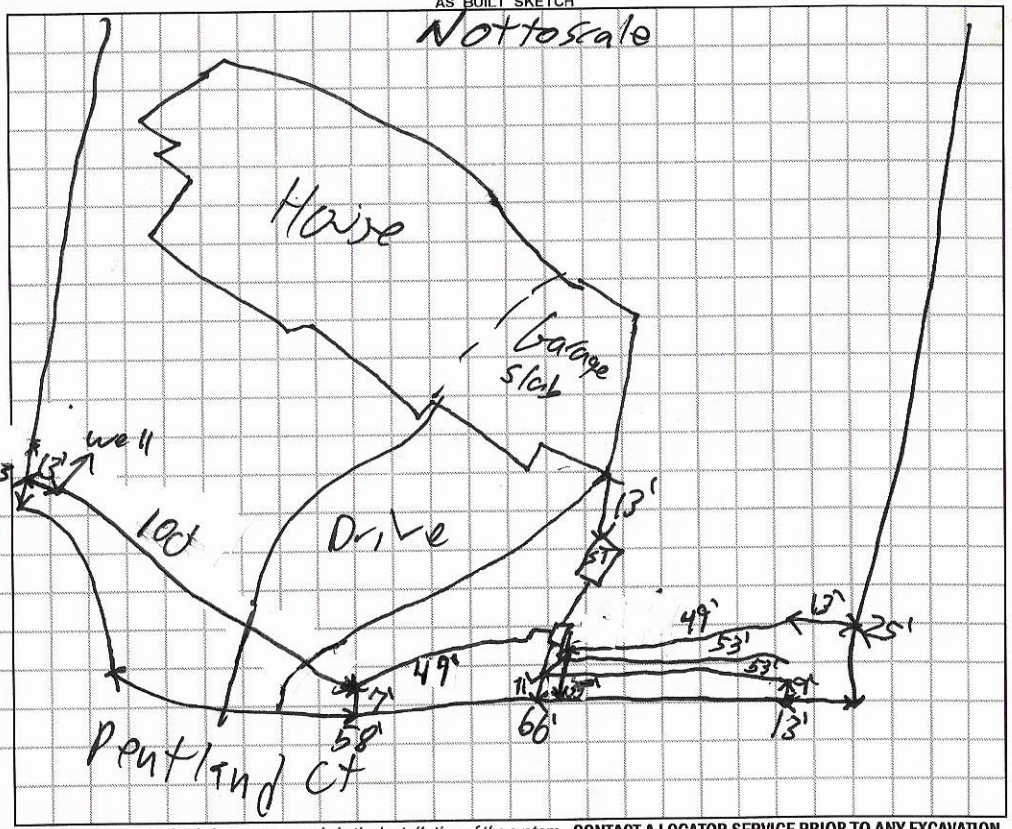
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB 794 | Date 12/10/18 | [X] New System [ ] Repair [ ] Expansion | System Type: I II III IV V VI | [X] Residence | No. Bedrooms | 3 | Water Supply |
| Pump Tank | (gal) | PT | Date | System Description: | Gravity-PPBPS | [ ] Business | No. Persons | 6 | [X] Private |
| Pump Make | | Model | Serial # | Repair System Description: | JLPPPBPS | [ ] Other | No. Employees | | [ ] Public |
| # Nitrification Fields | 1 | # Lines | 4@50 | Linear Ft 200ft | Maintenance Agreement Required: [ ] YES [X] NO | [ ] Slab | [X] Crawl Space | | [ ] Community |
| Trench Width | 36" | Trench Bottom Depth(Low side) | 36" | Gravel Depth | N/A [X] GRAVITY [ ] PRESSURE | [ ] Basement w/ plumbing | | | [ ] Basement w/o plumbing |

Comments / Conditions: Must abandon existing well prior to AC. - GW-30 attached.

INITIAL SITE SKETCH

See attached, approved Septic plan by Soil & Forestry Services of the Carolinas, PA (dated 1/14/19)

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**

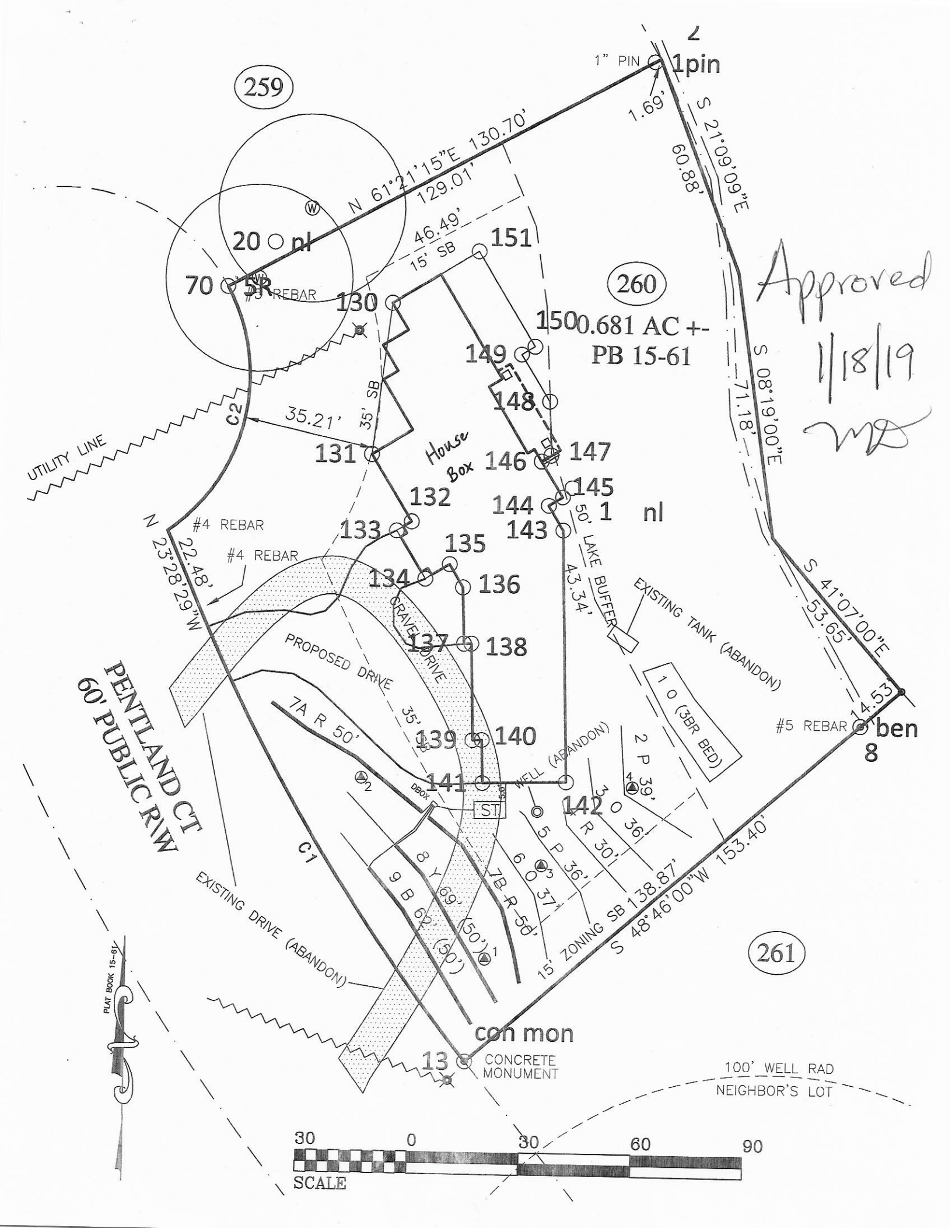
[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [ ] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 3/6/19 | Installed by: Delenger

IMPROVEMENT PERMIT by: Maria Dolan Date: 1/18/19 | OPERATION PERMIT by: Patrick J Boyle III Date: 1/21/2020

AUTHORIZATION TO CONSTRUCT by: Maria Dolan Date: 2/11/19 | Existing System Inspected by: Date:

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


259
260
261
1" PIN
1pin
2
1.69'
S 21°09'09"E
60.88'
N 61°21'15"E 130.70'
129.01'
46.49'
15' SB
20 nl
70
5R
#5 REBAR
130
151
150
149
148
147
146
145
144
143
1
nl
0.681 AC +-
PB 15-61
S 08°19'00"E
71.18'
Approved
1/18/19
35.21'
35' SB
C2
UTILITY LINE
131
House
Box
132
133
134
135
136
137
138
139
140
141
142
#4 REBAR
#4 REBAR
N 23°28'29"W
22.48'
50' LAKE BUFFER
43.34'
EXISTING TANK (ABANDON)
S 41°07'00"E
53.65'
14.53'
#5 REBAR
ben
8
GRAVEL DRIVE
PROPOSED DRIVE 35'
PENTLAND CT
60' PUBLIC RW
7A R 50'
1 0 (3BR BED)
2 P 39'
WELL (ABANDON)
DBOX
ST
3 0 36'
R 30'
5 P 36'
6 O 37'
7B R 50'
8 Y 69' (50')
9 B 62' (50')
C1
EXISTING DRIVE (ABANDON)
15' ZONING SB
S 48°46'00"W 153.40'
138.87'
PLAT BOOK 15-61
con mon
13
CONCRETE MONUMENT
100' WELL RAD
NEIGHBOR'S LOT
30 0 30 60 90
SCALE

# *Soil & Forestry Services of the Carolinas, PA.*

*P.O. Box 832 Mooresville, NC 28115 Phone: (704) 658-1723 Fax: (704) 278-0989*

**Ashley Rollans**, NC Licensed Soil Scientist
Mobile: (704) 746-5046
Email: rollans.ashley@yahoo.com


**Attached is a proposed design for a PPBPS Septic System with gravity dist. for a 3 bedroom single family residence on Lot 260, CL&T Subdivision 124 Pentland Ct., Mooresville (PIN 4626098739), Iredell County, North Carolina.**

**Contents:**


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| Expedited Review Process Checklist | 8 |
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| Subdivision Plat | SUBMITTED |
| Latest Operations Permit | SUBMITTED |
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1231 1/14/19

**January 14, 2019**
**Project #: 18-0104**
**Design By: Soil & Forestry Services of the Carolinas, PA.**

# INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to installation
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity PPBPS installation.
- Repair is specified as pretreat LPP PPBPS installation.
- Rake and lime trenches as per manufacturers requirement
- Iredell County has approval to move tanks, etc.
- **Maintain proper fall from house to tank and tank to drainfield.**
- **Install top of Tank below elevation of any foundation drains**
- **Proposed Septic Lines MUST be installed on contour.**

# GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

**Applicant:** Scott & Taya Schutt

**Address:** 124 Pentland Court
Mooresville, NC 28117

**Phone:** 704.905.8714 ; 704 677 2342

**County:** Iredell

**Location:** 124 Pentland Court
Mooresville, NC 28117

**Source of Wastewater Flow:** 3 Bedroom Single Family Residence

**Estimated Gallons Per Day Flow:** 360

**System Flow:** N/A

Approved
1/18/19
MD

## Design Specifications

**Drainfield Size:** 200
**Loading Rate (gpd/ft.$^2$):** 0.3
**Depth of Gravel in Trench:** N/A
**Gravel Size:** N/A
**Max.Trench Depth:** 36 in. Repair Trench Bottom 36 in.
**Trench Width:** 36 in.
**Septic Tank Size:** 1000

**Estimated Supply Line Length:** 11
**Supply Line Diameter:** 4 in. SCH 40 PVC
**Supply Line Volume:** 7.18
**Dosing Volume:** N/A
**Supply Manifold:** N/A
**Supply Manifold Length:** N/A
**Supply Manifold Volume:** N/A

**Recommended Float Controls:** N/A

**Recommended Control Panel:** N/A

**Pressure Head:** N/A
**Friction Head:** N/A
**Elevation Head:** N/A
**Total Dynamic Head:** N/A

**Threaded Union:** N/A
**Gate Valves:** N/A

**Check Valves:** N/A
**Anti-Siphon Hole:** N/A
**Additional Comments:** Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA.

## 124 Pentland Court

### ACCEPTED SYSTEM

| | |
|---|---|
| DESIGN FLOW (gpd): | 360 |
| SOIL APPLICATION RATE (gpd/ft.$^2$): | 0.3 |
| TOTAL AREA TRENCH BOTTOM: | 400 |
| TOTAL LATERAL LENGTH: | 200 |
| NUMBER OF FIELDS: | 1 |
| LATERAL LENGTH REQUIRED PER FIELD: | 200 |
| SUPPLY LINE LENGTH: | 11 |
| TOTAL DYNAMIC HEAD: | N/A |
| MANIFOLD SIZE: | N/A |
| DOSING VOLUME: | N/A |
| PUMP TANK DRAW DOWN*: | N/A |
| SEPTIC TANK SIZE: | 1000 |

Approved
1/18/19

# Layout Specifications - 124 Pentland Court Lot 260

Project #: 18-0104

LAYOUT FOR 3 BEDROOM HOME

December 20, 2018

| LINE # | FLAG COLOR | BS | HI | FS | ELEVATION | FLAGGED LINE LENGTH | DESIGN LINE LENGTH |
|---|---|---|---|---|---|---|---|
| TBM | | | | | | | |
| INSTR. 1 | | | | | | | |
| 1 | ORANGE | (EXISTING 3BR BED) | | | | See Permit | See Permit |
| 2 | PINK | | | | | 39 | 39 |
| 3 | ORANGE | | | | | 36 | 36 |
| 4 | RED | | | | | 30 | 30 |
| 5 | PINK | | | | | 36 | 36 |
| 6 | ORANGE | | | | | 37 | 37 |
| *7A* | ***RED*** | | | | | ***50*** | ***50*** |
| *7B* | ***RED*** | | | | | ***50*** | ***50*** |
| *8* | ***YELLOW*** | | | | | ***69*** | ***50*** |
| *9* | ***BLUE*** | | | | | ***62*** | ***50*** |
| | | | | | **Total** | 409 | 378 |

Approved
1/18/19
MD

| | LINE LENGTH | LTAR GPD/FT2 | SYSTEM TYPE | SOIL LTAR GPD/FT2 | TRENCH SYSTEM | DISTRIBUTION |
|---|---|---|---|---|---|---|
| * *System* | *200* | *0.300* | *MOD. CONV.* | *0.300* | *PPBPS* | *GRAVITY* |
| Repair | 209 | 0.300 | MOD. CONV. | 0.300 | PPBPS | LOW PRESSURE |
| Add'l Repair | Existing 3BR Bed | NA | CONV. W/TS-II | NA | GRAVEL | PUMP |

Notes: **All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**HOUSES & DRAINFIELD LOCATED BY LICENSED SURVEYOR.

**Septic Layout was adjusted in the field after survey location.

## CALCULATIONS

Location 124 Pentland Court
Mooresville, NC 28117
Project Number 18-0104

Lot No: 260 CL&T

No. of Bedrooms 3

Design Flow 360 $^{gal}/_{day}$

LTAR 0.300 $^{gal}/_{ft^2\,day}$

PPBPS? (YES OR NO) YES

Supply Line Length 11 ft.

Supply Line Volume 7.183 gal.

Required Feet of Line 200 ft.
Amount of Line from Layout 200 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1000 gal.
Septic Tank Size 1000 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

Approved
1/18/19

FRICTION FACTOR
INTERPOLATER
2" SCH 40 PVC

| GPM | *f* |
|---|---|
| 20 | 0.84 |
| | -0.88 |
| 25 | 1.27 |
| | -1.28 |
| 30 | 1.78 |
| | -1.76 |
| 35 | 2.37 |
| | -2.25 |
| 40 | 3.03 |
| 43.07 | 3.48 |
| 45 | 3.77 |
| 48.14 | 4.28 |
| 50 | 4.58 |
| 57.11 | 5.89 |
| 60 | 6.42 |

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

Sheet ___ of ___
PROPERTY ID #: 4626098739
COUNTY: Iredell

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

Applicant
OWNER: Soil & Forestry Svcs PA
ADDRESS: P.O. Box 832 Mooresville, NC
PROPOSED FACILITY: House
LOCATION OF SITE: 124 Pentland Ct Mooresville NC
APPLICATION DATE 9/28/18
DATE EVALUATED: 10/16/18
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: .68Ac
PROPERTY RECORDED: Y

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 | L 4% | 0-3" | Brw SCL | SS, SP, SExP, FR | | | | | PS .3 |
| | | 3-30" | RC m SBK/ABK | SS, SP, SExP, FR | | | FR | | |
| | | 30-60" | RC lw SBK | SS, SP, SExP, FR | | | | | |
| | | | w/few SAP Inclus | | | 60" | | | |
| 2 | L 4-5% | 0-6" | Brw SCL GR | FR SS, SP, SExP, FR | | | | | PS .3 |
| | | 6-16 | RC m SBK/ABK | SS, SP, SExP, FR | | | | | |
| | | 16-60" | RC lw SBK | SS, SP, SExP, FR | | | | | |
| | | | | | | 60" | | | |
| 3 | L 4% | 0-6 | Brw GR to w SBK | SS, SP, SExP, FR | | | | | PS .3 |
| | | 6-38 | RC m SBK | SS, SP, SExP, FR | | | | | |
| | | 38-58 | RC lw SBK | SS, SP, SExP, FR | | | | | |
| | | | few SAP Inclus | | | 58" | | | |
| 4 | L 6-7% | 0-9" | Brw SCL w SBK | SS, SP, SExP, FR | | | | | PS .3 |
| | | 9-20 | Rd to Rd/Brw CL w SBK | SS, SP, SExP, FR | | | | | |
| | | 20-58 | Mel/Rd L SAP | massive FR | | | | | |
| | | | C w/ Inclus of RC | | | 58" | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | RS |
| System Type(s) | PPBPS | Exist Bed + PPBPS |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: David Bean

COMMENTS:

Attn: Maria Dotson - Per Request

RECEIVED JAN 15 2018

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

## *APPLICATION FORM*

#239173 Paid $75.00

**Application For:**

(•) Septic Improvement Permit ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

Limited Relocation

*THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.*

**Page 2: *Site Plan Worksheet* form MUST accompany this application**

**The following optional attachments may also be submitted:** ( ) Survey Plat, scaled no more than 1 inch = 60 feet
*Place an (X) beside whichever is submitted if applicable* (•) Custom Site Plan, scaled no more than 1 inch = 60 feet

**Applicant Information:** (PRINT CLEARLY)

Applicant Name: Scott & Tanya Schutt Address: 124 Pentland Ct Mooresville NC Zip: 28117
Applicant Email: Smschutt@hotmail.com Phone: 704 677 2342 Alt. Phone: _____
Owner Name: Same Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

**Property Information:**

Street Address: 124 Pentland Ct Mooresville NC 28117
Subdivision Name: CL½T Section/Phase: _____ Lot Number: 260
Driving Directions: see Address above

**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: 3
Maximum Number of Occupants: 6
( ) 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: Unknown

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative (X) Modified Conventional ( ) Other: _____

**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. industrial) 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.*

**Signature:** _____ 1/14/19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IP is in MVL

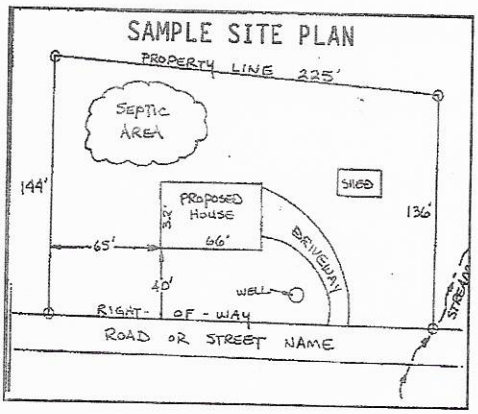
# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

## *SITE PLAN WORKSHEET*

**SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***

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

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator of direction




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

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

## USE THIS SPACE TO DRAW YOUR SITE PLAN

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

See Attached

**Signature:** _____ _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

4626098739

# IREDELL COUNTY HEALTH DEPARTMENT

## (SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION
(Ground Absorption Sewage Disposal System – G. S. Chapter 130-Article 13C)

OWNER OR CONTRACTOR Bruno De Stefani DATE 6-6-84 PERMIT NO. 175

PHONE: Business _____ Home _____

LOCATION 1100 TR 1113 SR 1455 1st Lt Lt. at Stop Keep Rt. on Rt. on cul de sac S. R. No. _____

SUBDIVISION NAME LAKE NORMAN LOT NO. 260 SECTION OR BLOCK NO. 8

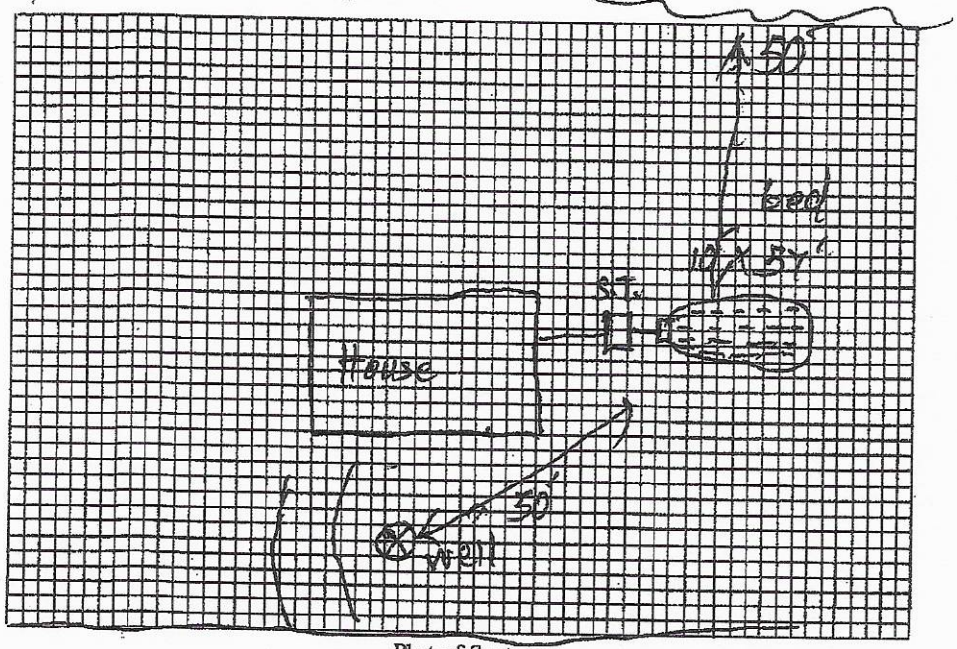
House (X) Mobile Home ( ) Business ( ) Other _____

No. Bedrooms 3 No. Bathrooms 2

| | | |
|---|---|---|
| Garbage Disposal Unit | Yes ( ) | No (X) |
| Auto. Dishwasher | Yes (X) | No ( ) |
| Auto. Wash. Machine | Yes (X) | No ( ) |
| Site Suitable | Yes (X) | No ( ) |

Lot Area 1 acre

Character & Porosity of Soil Existing
Percolation Rate
Topography
Depth to Water Table system
Rock or other impervious formations




Plot of System

Size of Tank 1000 Gals.
Nitrification Field:
No. of Lines 10'-57' bed
Sq. Ft. 625 Linear Ft. 225
Depth of Stone in Lines 10"
Water Supply: Individual (X)
Public ( )

Installed by _____

I understand and agree to install septic tank system as specified on this Improvements Permit.

Signed: _____

System checked by Troy Scoggins 5-24-70

IMPROVEMENTS PERMIT BY _____

COMMENTS: System working OK at time of inspection

CERTIFICATE OF COMPLETION BY _____ DATE _____

EXISTING SYSTEM CHECKED BY: Fred Clemmer DATE 6-6-84

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.

Permit is VOID if any unauthorized changes are made in installation of system and/or if any false information is supplied in making Improvements Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold

| | | |
|---|---|---|
| | LOT 255 | |
| 1 | | |
| 2 | N45-08W | 79.27 |
| 3 | N68-49W | 49.73 |
| 4 | N47-57W | 30.15 |
| 5 | N70-34W | 31.14 |
| 6 | N66-33W | 52.95 |
| | LOT 256 | |
| 6 | | |
| 7 | N30-31W | 220.68 |
| | LOT 257 | |
| 7 | | |
| 8 | N33-47W | 43.78 |
| 9 | N09-49E | 120.09 |
| 10 | N30-48E | 78.79 |
| | LOT 258 | |
| 10 | | |
| 11 | N26-17E | 83.53 |
| 12 | N35-01E | 73.17 |
| 13 | N84-48E | 58.83 |
| 14 | S77-49E | 43.74 |
| | LOT 259 | |
| 14 | | |
| 15 | N66-29E | 91.04 |
| 16 | S76-01E | 29.87 |
| 17 | S62-52E | 41.18 |
| 18 | S14-00E | 174.29 |
| | LOT 260 | |
| 18 | | |
| 19 | S21-46E | 61.09 |
| 20 | S08-19E | 71.18 |
| 21 | S41-07E | 53.85 |
| | LOT 261 | |
| 21 | | |
| 22 | S38-35E | 80.11 |
| 23 | S42-53E | 82.21 |
| | LOT 262 | |
| 23 | | |
| 24 | S43-17E | 149.87 |

CRESCENT LAND & TIMBER CORP.
(NANCY LOWE WILLIAMSON)
U. M. I. - 372

LAKE NORMAN

670.000

1,421,000

669,000

TO CO. RD. NO. 1115

N. C. GRID

LOT 258
0.82 ACRE

LOT 259
0.78 ACRE

LOT 257
0.81 ACRE

LOT 260
0.88 ACRE

LOT 258
0.74 ACRE

LOT 261
0.87 ACRE

LOT 255
0.78 ACRE

LOT 262
0.81 ACRE

LOT 269

LOT 250

760 CONTOUR

I-PIN 10
I-PIN 14
I-PIN 18
I-PIN 21
I-PIN 23
I-PIN 24
I-PIN 7
I-PIN 6
I-PIN 1

N55-29W 199.12
R=101.08
50'
N81-12E 180.70
R=27.78
A=23.50
S23-39E 71.42
S85-03W 232.34
R=73.80
N23-38W-22.48
R=140.89
R=510.58
R=578.68
N48-46E 153.48
CONC. MON.
S50-45W 208.18
S48-26E 148.26
PENTLAND PLACE
S38-12E 935.12
146.17
S47-55W 127.08
S38-12E 174.98
N38-12W 205.00
S41°46'E-371.80'
N37-12E 182.82
N38-12W 146.13
R=228.20
N50-49E 182.38
CONC. MON.
N 668,315.23
E 1,420,813.01

SEE DWG. NO. C. F. 8-Z

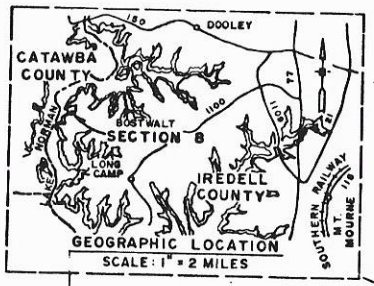
SEE DWG. NO. C. F. 8-W

TO CO. RD. NO. 1115

EXISTING ROAD R/W LIMIT

CO. RD. NO. 1455

60'




NOTES . . .

DUKE POWER COMPANY TO CRESCENT LAND & TIMBER CORP. DEED BOOK 481 PAGE 91. DATED MAY 1, 1969

BUILDING SETBACK LINES ARE 25 FEET FROM ROAD RIGHT OF WAY. 50 FEET FROM CONTOUR ELEVATION 760. U.S.G.S. SEA LEVEL DATUM AND 10 FEET FROM SIDE LOT LINE.

ALL STREET CORNER RADII ARE 20 FEET. PROPERTY LINE DISTANCES ARE COMPUTED TO POINT OF INTERSECTION AT STREET CORNERS.

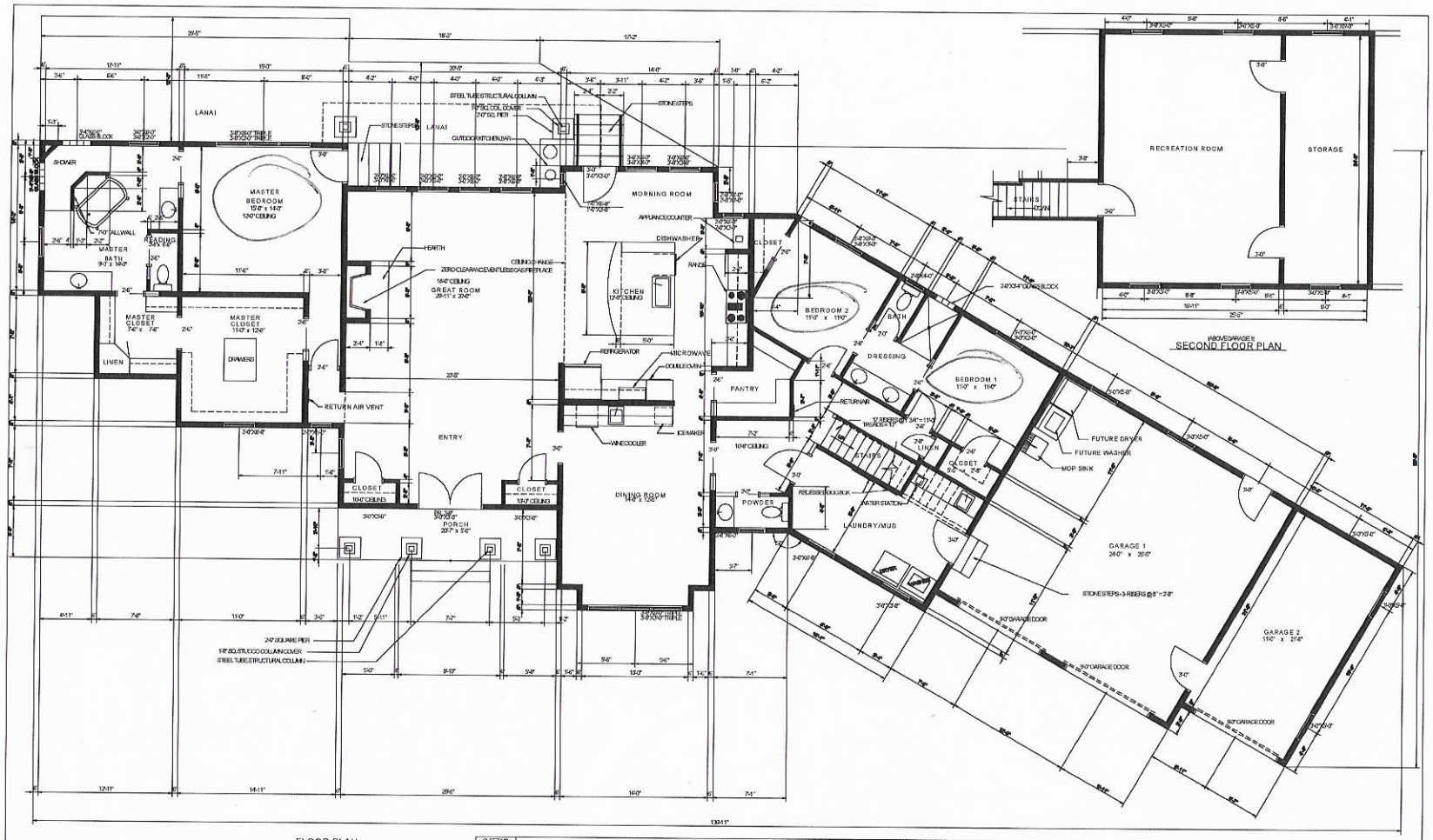
PROPERTY LINES SHOWN WHICH FORM THE EDGE OF LAKE NORMAN FOLLOWS CONTOUR ELEVATION 760. ( U.S.G.S. SEA LEVEL DATUM )

CRESCENT LAND & TIMBER CORP.
LAKE NORMAN
MAP OF
RECREATION LOTS
# SECTION 8
# LOTS 255-262
DAVIDSON TOWNSHIP
IREDELL COUNTY, N. C.

0 100 200 300 400

SCALE 1" = 100'
MISC. BOOK NO. 338

AUGUST 1, 1975
DWG. NO. C.F. 8-Y




FLOOR PLAN

| AREAS IN SQUARE FEET | |
|---|---|
| HEATED SPACE/FIRST FLOOR: | 2623 SQ.FT. |
| 1/2 GARAGE FLOOR AREA: | 625 SQ.FT. |
| SMALLER GARAGE FLOOR AREA: | 235 SQ.FT. |
| PORCH FLOOR AREA: | 105 SQ.FT. |
| HEATED SPACE/TESTER FLOOR: | 2623 SQ.FT. |

| SHEET NO. | A NEW RESIDENCE FOR: |
|---|---|
| 2 | SCOTT and TAYA SCHUTT |
| | 124 PENTLAND COURT |
| | MOORESVILLE, NORTH CAROLINA |
| DRAWN: NANTZ | FLOOR PLAN |
| DATE: 11-Nov-18 | SCALE: 1/4" = 1'-0" |

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | REVISIONS | |

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NANTZ DRAFTING & DESIGN
DRAFTING SERVICES & RESIDENTIAL DESIGN
147 NANTZ WOODS LANE
TROUTMAN, N. C. 28166
TELE 704-528-4740
EMAIL dnantz@bellsouth.net

Acknowledgement of
Plans Submittal ONLY
Date 1/18/19
Date 3/6/19

# WELL ABANDONMENT RECORD

For Internal Use ONLY:

**1. Well Contractor Information:**

Robert Teague
Well Contractor Name (or well owner personally abandoning well on his/her property)

2857-A
NC Well Contractor Certification Number

R.T. Well Drilling
Company Name

**2. Well Construction Permit #:** [redacted]
*List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known*
23975

**3. Well use (check well use):**

| | |
|---|---|
| **Water Supply Well:** | |
| ☐Agricultural | ☐Municipal/Public |
| ☐Geothermal (Heating/Cooling Supply) | ☒Residential Water Supply (single) |
| ☐Industrial/Commercial | ☐Residential Water Supply (shared) |
| ☐Irrigation | |
| **Non-Water Supply Well:** | |
| ☐Monitoring | ☐Recovery |
| **Injection Well:** | |
| ☐Aquifer Recharge | ☐Groundwater Remediation |
| ☐Aquifer Storage and Recovery | ☐Salinity Barrier |
| ☐Aquifer Test | ☐Stormwater Drainage |
| ☐Experimental Technology | ☐Subsidence Control |
| ☐Geothermal (Closed Loop) | ☐Tracer |
| ☐Geothermal (Heating/Cooling Return) | ☐Other (explain under 7g) |

**4. Date well(s) abandoned:** 2/5/19

**5a. Well location:**

Scott Schult
Facility/Owner Name

Facility ID# (if applicable)

124 Pentland Ct.
Physical Address, City, and Zip

Iredell
County

4626098739
Parcel Identification No. (PIN)

**5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:**
(if well field, one lat/long is sufficient)

_____ N _____ W

**CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED**
*Attach well construction record(s) if available. For multiple injection or non-water supply wells ONLY with the same construction/abandonment, you can submit one form.*

**6a. Well ID#:** _____

**6b. Total well depth:** 100 (ft.)

**6c. Borehole diameter:** 6½ (in.)

**6d. Water level below ground surface:** 30 (ft.)

**6e. Outer casing length (if known):** 65 (ft.)

**6f. Inner casing/tubing length (if known):** 6½ (ft.)

**6g. Screen length (if known):** _____ (ft.)

**WELL ABANDONMENT DETAILS**

**7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells** having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned: 3

**7b. Approximate volume of water remaining in well(s):** 10 (gal.)

**FOR WATER SUPPLY WELLS ONLY:**

**7c. Type of disinfectant used:** 3/8 hole plug

**7d. Amount of disinfectant used:** 1 pack

**7e. Sealing materials used (check all that apply):**

| | |
|---|---|
| ☐ Neat Cement Grout | ☒ Bentonite Chips or Pellets |
| ☐ Sand Cement Grout | ☐ Dry Clay |
| ☐ Concrete Grout | ☐ Drill Cuttings |
| ☐ Specialty Grout | ☐ Gravel |
| ☐ Bentonite Slurry | ☐ Other (explain under 7g) |

**7f. For each material selected above, provide amount of materials used:**

20 bags Hole Plug

**7g. Provide a brief description of the abandonment procedure:**

**8. Certification:**

Robert Teague — 2-6-19
Signature of Certified Well Contractor or Well Owner — Date

*By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.*

**9. Site diagram or additional well details:**
You may use the back of this page to provide additional well site details or well abandonment details. You may also attach additional pages if necessary.

**SUBMITTAL INSTRUCTIONS**

**10a. For All Wells:** Submit this form within 30 days of completion of well abandonment to the following:

**Division of Water Resources, Information Processing Unit,**
**1617 Mail Service Center, Raleigh, NC 27699-1617**

**10b. For Injection Wells:** In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

**Division of Water Resources, Underground Injection Control Program,**
**1636 Mail Service Center, Raleigh, NC 27699-1636**

**10c. For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.

# IREDELL COUNTY

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

| APPLICATION NUMBER |
|---|
| 239173 |
| Issue Date: 09/28/2018 |

## ZONING PERMIT

Open Space

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4626098739.000 | 124 PENTLAND COURT, MOORESVILLE, NC | IREDELL COUNTY |

| Owner Information | Applicant Information |
|---|---|
| Owner: DESTEFANI BRUNO A | Applicant: ROLLANS SOIL & ENVIRON |
| Address: 113 B 7TH AVE SOUTH | Address: 470 NORTH BROAD STREET SUITE D |
| SURFSIDE BEACH, SC 29575 | MOORESVILLE, NC 28115 |
| Phone: | Phone: 704-658-1723 |

| Use Requested | Zone Code |
|---|---|
| SFD | R20 |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| .680 | 35.00 | 50.00 | 15.00 | 15.00 | CACL | X |

**Remarks:**

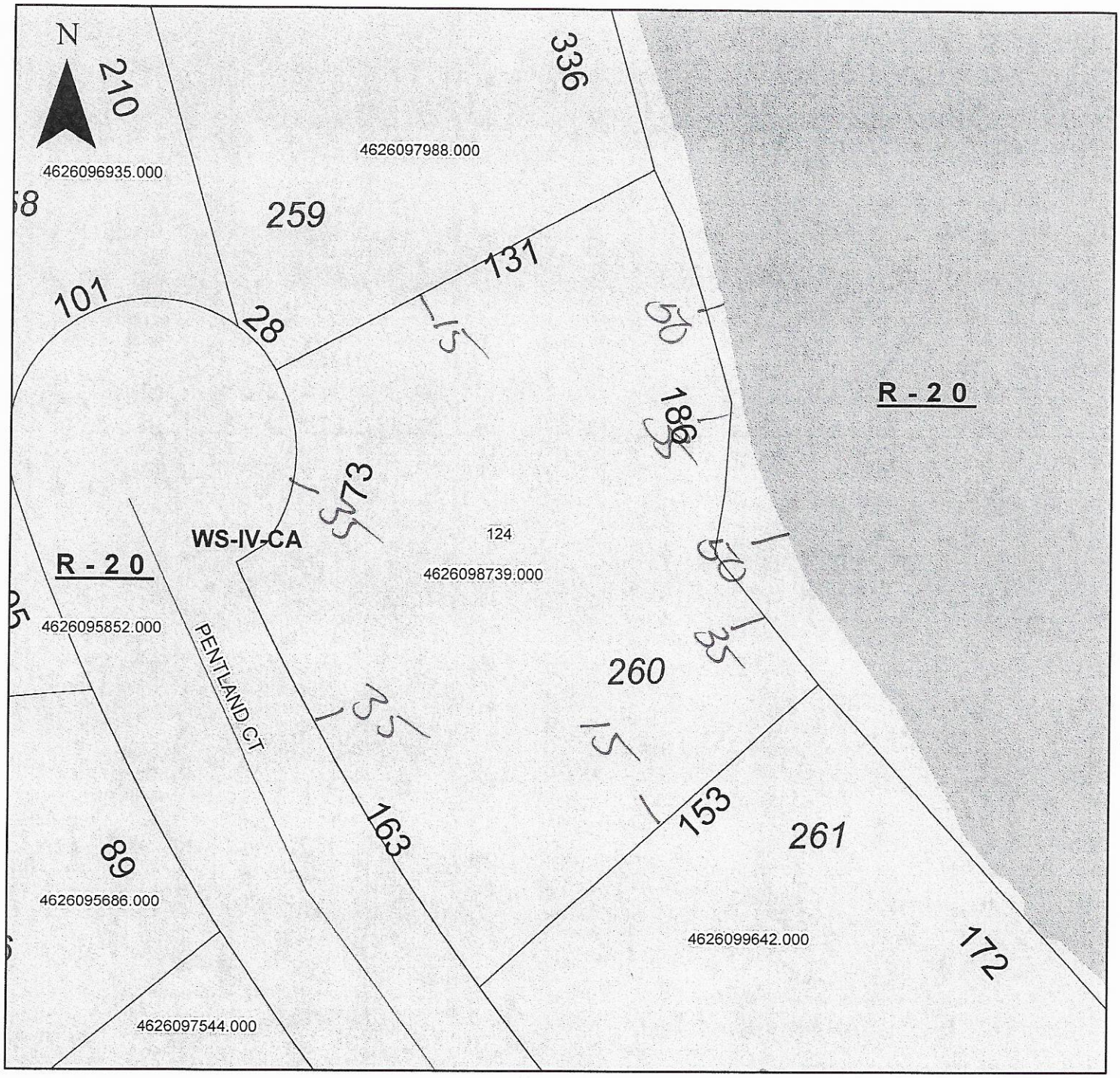
Must meet both the 50-foot setback from the 760 Æ contour line and the 35-foot setback from the rear property line for any structure.

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.

Applicant: _____ Date: _____

| Permit Number | 153981 | TOTAL FEES: | $ 77.25 |
|---|---|---|---|

# ZONING DISCLAIMER




Property Address 124 Pentland Ct

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.

Samuel A Tolle
Applicant

9/28/18
Date