# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 305644

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

APPLICANT/OWNER: Patrick Joseph APPLICANT ADDRESS: 20600 N. Main St Cornelius, NC 28031

SITE ADDRESS: 129 Saylors Watch Mooresville, NC 28117 PHONE: 980 722 1118 ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TL Torrence Chapel to Saylors Watch Ln

SUBDIVISION: Saylors Watch SECTION: LOT # 59 LOT AREA: 1.38 Ac

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 480 gpd L.T.A.R.: .3

Septic Tank/size 1000 (gal) STB 760 Date 7-10-21

Pump Tank/size 1000 (gal) PT 36 3 Date 7-17-21

Pump Make ZOELLER Model BN161-F Serial #

# Nitrification Fields 1 # Lines 5 @ 80 Linear Ft 400

Trench Width 36" Trench Bottom Depth(Low side) 36" max Gravel Depth N/A

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: Pump fm - 25% Reduction

Repair System Description: PPBPS

Maintenance Agreement Required: ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

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

No. Bedrooms 4 No. Persons 8 No. Employees Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community ☐ Basement w/o plumbing

Comments / Conditions: Previous well abandoned 9/2/20

Use 1 1/2 Sch 80 PVC taps

5 taps @ 5.5 gpm 27.5 gpm

Dose 182 gal

Pumps 8.7 min Drawdown: 8.7 for 1000 gal

18" Separation btw Pool (water lines & Septic line)

INITIAL SITE SKETCH

Scale 1:60

ST - 10' to Poolhouse, 16' to Pool, 13A to SL

PT - 42' to Buffer

Supply line 5ft from PL

PL 115.74

PL 268.44

10'

25

Pool House

PT ST 15'

Pool

Proposed

80'

80

House

84

PL 23

PL 323

50' Setback

Lake Norman

PL 278

Pump line checked to 50' from house 9/7/21 DW

Water line PL 355.10

AS BUILT SKETCH

Bury Supply line 30" under drive

PL 156.05

Driveway

14'

Pressure Manifold

PL 231.5

9/3/21 Installed upper 2 lines as shown

70' to Neighbor's well

FLOATS, ALARM, ELECTRICAL, PRESSURE HEAD CHECKED 9-14-2021 BCW

As Built

Supply line ✓

Filter ✓

9/9/21 CW

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: Jean Thackery Date: 7/15/21

IMPROVEMENT PERMIT by: Maria Dotson Date: 7/13/21

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 7/14/21

Installed by: Gale

OPERATION PERMIT by: Brian L. White Date: 9-14-2021

Existing System Inspected by: Date:

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

129 SAXLORS WATCH.

| | Date | Initials |
|---|---|---|
| Drain Lines Checked | 7-3/ 9-7 | MD/BW |
| Tanks Checked | 9-3 | MD |
| Pressure Manifold or Valve Box Checked | 9-14 | BCW |
| Pressure Head Set | 9-14 | BCW |
| Electrical Checked | 9-14 | BCW |
| Floats Set | 9-14 | BCW |
| Alarm Checked | 9-14 | -BCW |
| Maintenance Contract Y / (N) | 9-14 | BCW |

SUPPLY 9-9 EW

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: ____
COUNTY: Iredell

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: Bi Part Dev. LLC
ADDRESS: 18611 Starcreek Dr Cornelius, NC
PROPOSED FACILITY: House
PROPOSED DESIGN FLOW (.1949): ____
LOCATION OF SITE: Lot #9
APPLICATION DATE: 3/3/20
DATE EVALUATED: 3/12/2020
PROPERTY SIZE: 1.38Ac
PROPERTY RECORDED: ____
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 | 7% | 0-13 | Gravel/Compacted CL | (4" Gravel | | | | | PS, .3 |
| | | 13-38 | RCL m-wSBK | SS,SP,SExP | | | | | |
| | | 38-59 | BR/RCL | SS,SP,SExP,FR | | | | | |
| | | | w/few to common SAP | | — | 59" | — | — | |
| 2 | 7% | 0-6 | Brw SCL wSBK | SS,SP,SExP,FR | | | | | PS, .3 |
| | | 6-34 | RCm-wSBK | SS,SP,SExP,FR | | | | | |
| | | 34-60 | R to R/w CL wSBK | SS,SP,SExP,FR | | | | | |
| | | | w/few to many SAP Incls | | — | 60" | F.Incls | — | |
| 3 | 5% | 0-6 | Brw SCL wSBK | SS,SP,SExP,FR | | | | | PS, .3 |
| | | 6-34 | RCm-wSBK | SS,SP,SExP,FR | | | | | |
| | | 34-51 | R to w/R CL wSBK | SS,SP,SExP,FR | | | | | |
| | | | | | — | 51" | — | — | |
| 4 | 5% | 0-6 | R&I/Brw CL wSBK | SS,SP,SExP,FR | | | | | PS, .3 |
| | | 6-38 | R&I CL m-wSBK | SS,SP,SExP,FR | | | | | |
| | | 38-59 | R&I CL wSBK | SS,SP,SExP,FR | | | | | |
| | | | few SAP, Incls | | — | 59" | — | — | |

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

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Paul Pennington, David Bean

COMMENTS: ____

4

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

# Iredell County Health Department – Environmental Health Division

REMOVE LINES unused

PAGE 1: *APPLICATION FORM* AP- 305642 $105.00

**Application For:** ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) 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: ( ) 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: PATRICK JOSEPH Address: 20600 N. Main St Zip: 28031
Applicant Email: MSHALVOY@PJDHOMES.COM Phone: 9807221118 Alt. Phone: Cornelius, NC
Owner Name: JEFF COOPER Address: Zip:
Owner Email: MSHALVOY@PJDHOMES.COM Phone: 9807221118 Alt. Phone:

**Property Information:**

Street Address: 129 SAYLORS WATCH
Subdivision Name: SAYLORS WATCH Section/Phase: Lot Number: 9
Driving Directions:

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

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
( ) Swimming Pool
( ) Other Addition/Structure:

Describe Problem:

**Non-Residential Site Development:** Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

**CHECK FOUNDATION TYPE**

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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

# 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.

_____ 7-01-21
Signature of Owner(s) Date

**Mooresville - Environmental Health**

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

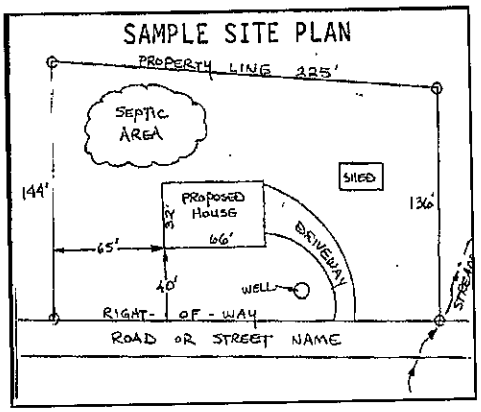
**Statesville - Environmental Health**
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

# 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:**

( ) Property Line measurements are clearly identified
( ) All proposed structures are indicated
( ) Front and side setbacks from property line
( ) Preferred driveway location and well location
( ) Area you prefer your septic system to be placed
( ) 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

ICHD–ENVIRONMENTAL HEALTH DIVISION — Statesville Office (704) 878-5305 (Mooresville Office (704) 660-3625 — PERMIT # 305642

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

APPLICANT/OWNER: Bi Part Dev. LLC. — APPLICANT ADDRESS: 18611 Starcreek Dr Cornelius, NC 28031

SITE ADDRESS: 129 Saylors Watch Ln Mooresville, NC 2811 — PHONE: 704 895-0606 — ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TL Torrence Chapel to Saylor's Watch Ln — SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Saylor's Watch — SECTION: — LOT # — LOT AREA: 1.38 Acre — DESIGN FLOW: 720gpd — L.T.A.R.: .53

Septic Tank 1500 (gal) — STB — Date
Pump Tank 1500 (gal) — PT — Date
Pump Make — Model — Serial #
# Nitrification Fields 1 — # Lines 5 — Linear Ft. 440
Trench Width min. 24" — Trench Bottom Depth(Low side) 36" — Gravel Depth N/A

☒ New System ☐ Repair ☐ Expansion — System Type: I II III IV V VI
System Description: LPP BPS
Repair System Description: LPP BPS
Maintenance Agreement Required: ☒ YES ☐ NO
☐ GRAVITY ☒ PRESSURE

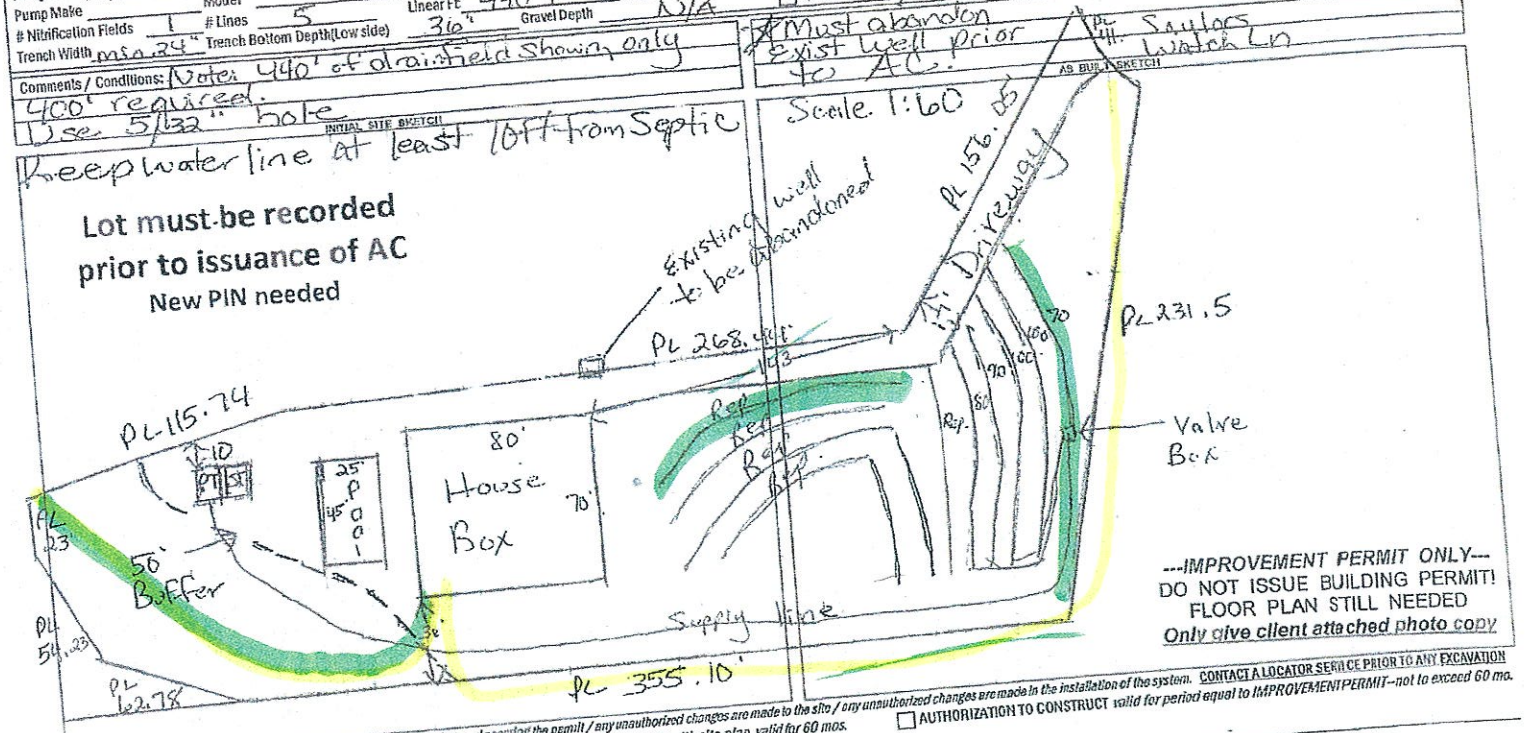
☒ Residence — No. Bedrooms 6
☐ Business — No. Persons 12
☐ Other — No. Employees
☐ Slab — ☒ Crawl Space
☐ Basement w/plumbing — ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Note: 440' of drainfield shown only
400' required.
Use 5/32" hole
Keep water line at least 10ft from Septic
Must abandon exist well prior to AC.

INITIAL SITE SKETCH

Lot must be recorded
prior to issuance of AC
New PIN needed




AS BUILT SKETCH — Scale 1:60

---IMPROVEMENT PERMIT ONLY---
DO NOT ISSUE BUILDING PERMIT!
FLOOR PLAN STILL NEEDED
Only give client attached photo copy

CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

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.

☐ IMPROVEMENT PERMIT with plat valid without expiration.
☒ IMPROVEMENT PERMIT with site plan valid for 60 mos. — Date: 6-17-20
☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo. — Installed by: — Date:

Owner / Applicant Signature: — Date: 4/8/2020 — OPERATION PERMIT by: — Date:

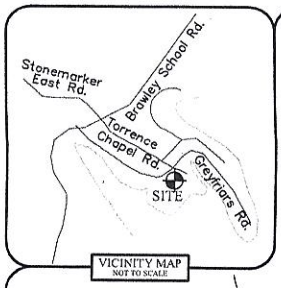
IMPROVEMENT PERMIT by: Maria Sutton — Date: — Existing System Inspected by:

AUTHORIZATION TO CONSTRUCT by:

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.

# PRELIMINARY

NOT FOR RECORDATION, SALES OR CONVEYANCE.




SAYLORS WATCH LANE
45' PRIVATE R/W
(MB.72, PG. 12)

4624-566-793
ROBERT E. GUTH
SHERRY D. GUTH
DB 2733, PG 1732

LOT 13 *SEE NOTE #9

LOT 12 *SEE NOTE #9

PIN:4624-56-6533
SARA R. COLLINS
EDWARD A. COLLINS
DB.1165, PG. 869
"125 SAYLORS WATCH LANE"

S 01°01'44" E 231.38'

10' DRAINAGE & UTILITY EASEMENT MB. 72, PG. 12

N 20°19'00" E 156.05'

140'

140' FRONT SETBACK

(TIE ONLY) C1 C2 C3

(TIES ONLY) L1 L2 L3 L4

NORTH PER MB 72, PG 12

NOTES

1. NO NCGS MONUMENT RECOVERED WITHIN 2000'. OFF SITE TIES SHOWN HEREON.
2. PROPERTY MAY BE SUBJECT TO OTHER COVENANTS, RESTRICTIONS, EASEMENTS OR RIGHTS-OF-WAY THAT MAY BE OF RECORD.
3. ALL DISTANCES SHOWN ARE SURFACE HORIZONTAL DISTANCES.
4. IRON PINS FOUND OR SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.
5. ALL AREAS SHOWN HEREON WERE COMPUTED USING THE COORDINATE COMPUTATION METHOD.
6. THE SETBACKS SHOWN ARE PER MAP BOOK 72, PG 12.
7. PORTION OF SUBJECT PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA ACCORDING TO FEMA FLOOD INSURANCE RATE MAP - PANEL #3710462400K; EFFECTIVE DATE: 3/02/2009
8. LOT SHALL HAVE A 10' DRAINAGE AND UTILITY EASEMENT ALONG ALL LOT LINES.
9. PRIVATE ROAD, EASEMENTS AND ALL COMMON OPEN SPACES TO BE MAINTAINED BY SAYLOR'S WATCH SUBDIVISION HOMEOWNER'S ASSOCIATION.
10. PRIVATE ROAD, EASEMENTS AND ALL COMMON OPEN SPACES TO BE MAINTAINED BY SAYLOR'S WATCH SUBDIVISION HOMEOWNER'S ASSOCIATION.
11. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.

LOT 9
60,222 SQ. FT.
1.382 ACRES
"VACANT"

15' SIDE SETBACK

268.44'

N 73°32'32" E

S 75°37'23" W

355.37'

PIN:4624-56-3585
CARL W. ROBBINS
PAMELA R. ROBBINS
DB.1331, PG. 634
"127 SAYLORS WATCH LANE"

PROPOSED FOUNDATION

4624-562-872
BI PART DEVELOPMENT
DB 2666, PG 2249

PROPOSED POOL HOUSE

PROPOSED POOL

50' LAKE BUFFER

35' REAR SETBACK
MIN. BUILDING SETBACK

N 62°05'05" E 115.97'

N 84°18'50" W 62.78'

FIELD LOCATED 760' LAKE CONTOUR

10' BUFFER
10' BUFFER
PIER PROJECTION

LAKE NORMAN

100 YEAR FLOOD LINE
PER FEMA FLOOD COMMUNITY PANEL NUMBER 3710462400K. EFFECTIVE DATE: 3/02/2009.

LEGEND:

- #4 REBAR FOUND
- COMPUTED POINT
- CONC. MONUMENT FOUND
- SUBJECT PROPERTY LINE
- ADJOINER PROPERTY LINE
- BUILDING SETBACK
- EASEMENT
- LAKE BUFFER
- PIER PROJECTION
- PIER PROJECTION BUFFER
- ACCESS EASEMENT AREA

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S 75°47'54" W | 8.86' |
| L2 | S 75°47'54" W | 33.90' |
| L3 | S 75°47'54" W | 15.49' |
| L4 | S 75°37'23" W | 15.34' |
| L5 | N 41°55'52" W | 54.23' |
| L6 | N 15°03'52" W | 22.82' |

| CURVE | LENGTH | RADIUS | CHORD | CHORD BRG |
|---|---|---|---|---|
| C1 | 36.57' | 50.00' | 35.76' | S 05°28'04" E |
| C2 | 41.15' | 50.00' | 39.99' | S 49°59'49" E |
| C3 | 15.23' | 50.00' | 15.18' | N 82°18'01" W |

Graphic Scale
50 25 0 50
Scale of Drawing 1 Inch = 50 Feet

## Site Plan of Lot 9 of Saylors Watch


Professional Property Surveyors, Inc.
18335 Old Statesville Road Ste. A
Cornelius, N.C. 28031
704-765-5134 Phone/Fax
Firm License: C-3666


Property of:
Jeffrey & Allison Cooper

As Recorded in:
Map Book 72, Pg 12
Deed Book 2733, Pg 1415

Site Address:
129 Saylors Watch Lane
Mooresville, NC 28117
Iredell County

| Job No. | Prepared By | Error of Closure | Drawing Scale | Tax Parcel Number | Drawing File Name | Sheet Number | Date |
|---|---|---|---|---|---|---|---|
| 111120-02 | JML | ≥ 1:10,000 | 1"=50' | 4624-563-700 | SITE PLAN | 1 of 1 | 11/11/2020 |

# WELL ABANDONMENT RECORD

For Internal Use ONLY:

**1. Well Contractor Information:**

CHAD HARTNESS

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

2901

NC Well Contractor Certification Number

AIR DRILLING, INC

Company Name

**2. Well Construction Permit #:** AP-305648

*List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known*

**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:** 9/2/20

**5a. Well location:**

SOUTH CREEK CONSTRUCTION — Facility/Owner Name

Saylors Watch lot 10 — Facility ID# (if applicable)

126 SAYLOR'S WATCH LN, MOORESVILLE

Physical Address, City, and Zip

IREDELL — County

Parcel Identification No. (PIN)

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

35° 30. 704 N 80° 55. 881 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:** 204 (ft.)

**6c. Borehole diameter:** 5 (in.)

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

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

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

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

**FOR WATER SUPPLY WELLS ONLY:**

**7c. Type of disinfectant used:** HTH

**7d. Amount of disinfectant used:** _____

**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:**

45 BAGS

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

HOLEPLUG-POURED

**8. Certification:**

Chad Hartness — 9/2/2020

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:

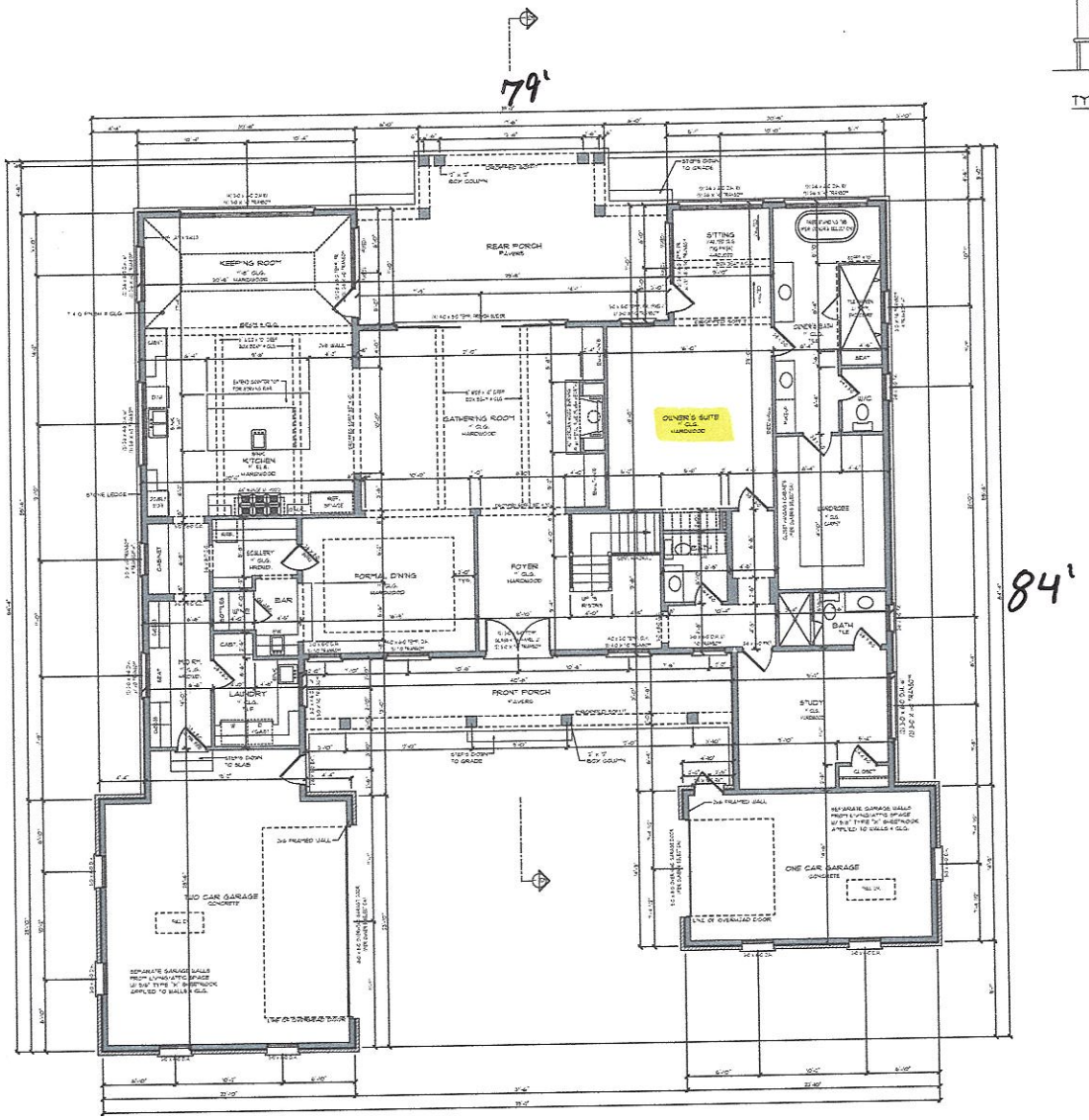
**Division of Water Resources, Information Processing Unit,**
**1617 Mail Service Center, Raleigh, NC 27699-1617**

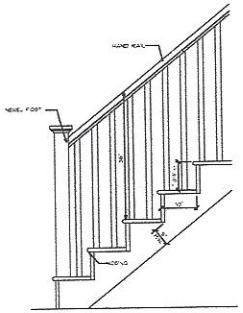
**10b. For Injection Wells:** In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

**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.

Acknowledgement Of
Plans Submittal ONLY!
Date 10/23/2020



TYPICAL STAIR SECTION

STAIR NOTES

DOOR & WINDOW NOTE

## SQUARE FOOTAGE

| | |
|---|---|
| FIRST FLOOR HEATED | 3,070 |
| SECOND FLOOR HEATED | 1,872 |
| TOTAL HEATED AREA | 4,990 |
| TWO CAR GARAGE | 676 |
| ONE CAR GARAGE | 371 |
| FRONT PORCH | 211 |
| REAR PORCH | 415 |
| COVERED BALCONY | 88 |
| TOTAL UNDER ROOF | 6,810 |
| POOL CABANA | 438 |

FIRST FLOOR NOTES

FIRST FLOOR PLAN

ENGINEER BY:
G.B. ENGINEERING, PLLC.
GARY A. BARNES, PE
1926 TREE SPARROW RD.
CHARLOTTE, NC 28278
(704) 671-5339
N.C. BUS. LIC. # P-1298

Custom Residential Designs
by Gary

P.O. Box 691286
Mint Hill, NC 28227
tel: 704-545-2928
fax: 704-545-0600

PROJECT:
THE COOPER RESIDENCE
129 SAYLORS WATCH LANE MOORESVILLE,NC 28117
IREDELL COUNTY

DRAWN BY:
JJ,BARJA/E.LEACH

DATE:
10/01/2020

REVISED:

SHEET 5 OF 16

Acknowledgement Of
Plans Submittal ONLY!

Date

Patrick J Boyle III Date 10/23/2020



SECOND FLOOR PLAN

SCALE: 1/4" = 1'

DOOR & WINDOW NOTE

SECOND FLOOR NOTES

PROJECT:

# THE COOPER RESIDENCE

129 SAYLORS WATCH LANE MOORESVILLE,NC 28117
IREDELL COUNTY

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DRAWN BY:
J.I.BARJA/A.ELEACH

DATE:
10/01/2020

REVISED:

SHEET 7 OF 16

P.O. Box 691286
Mint Hill, NC 28227
tel: 704-545-2928
fax: 704-545-0600

Custom Residential Designs

ENGINEER BY:
S.B. ENGINEERING, PLLC
GARY A. BARNES, PE
1926 TREE TOP ARROW RD.
CHARLOTTE, NC 28278
(704) 671-5339
N.C. BUS. LIC. # P-1298

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| 305642<br>Issue Date: |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| | 129 SAYLORS WATCH LN | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: BI PART DEV LLC | Name: BI PART DEV LLC |
| Address: 18611 STARCREEK DR | Address: 18611 STARCREEK DR |
| CORNELIUS, NC 28031 | CORNELIUS, NC 28031 |
| Phone: (704)895-0606 | Phone: (704)895-0606 |

| Use Requested | Zone Code |
|---|---|
| Single Family Dwelling | R-20 |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 1.38 | 140 | 50 | 15 | 15 | WSIV-CA Catawba/Lake Norman | YES |

**Remarks**

SFD

Lake Lots: Must meet both the 50-foot setback from the 760' 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.

**Date:** 03/05/2020

Signature of Owner/Contractor

| Permit Number | 305642 | TOTAL FEES: | $77.25 |
|---|---|---|---|