IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 221148

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

PIN # 4665404713

APPLICANT: CAROLINA SOILS / Sumrow APPLICANT ADDRESS: PO BOX 1703 MOORESVILLE NC 28115

SITE ADDRESS: 1538 SHEARERS RD - mrsvl. PHONE: ALT. PHONE:

SITE DIRECTIONS: HWY 3(S) - TR JOHNSON DAIRY - TL SHEARERS RD. ON RT

SUBDIVISION: SECTION: — LOT # — LOT AREA: 4.597AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1000 (gal) STB 760 Date 10-8
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 4 Linear Ft: 400
Trench Width 36" Max. Trench Bottom Depth 33" LOW Gravel Depth N/A

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: GRAVITY 25% REDUCTION
Repair System Description: PUMP SAME
Maintenance Agreement Required: ☐ YES ☑ NO
☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 4
☐ Business No. Persons 8
☐ Other No. Employees
☐ Slab ☑ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions:

DO NOT ISSUE OP AC UNTIL LOTS ARE COMBINED & RECORDED PROPERLY

9-12-16: Recommend pumping septic tank every 3-5 years. -BA

INITIAL SITE SKETCH

See Carolina Soil & Septic Design.

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**

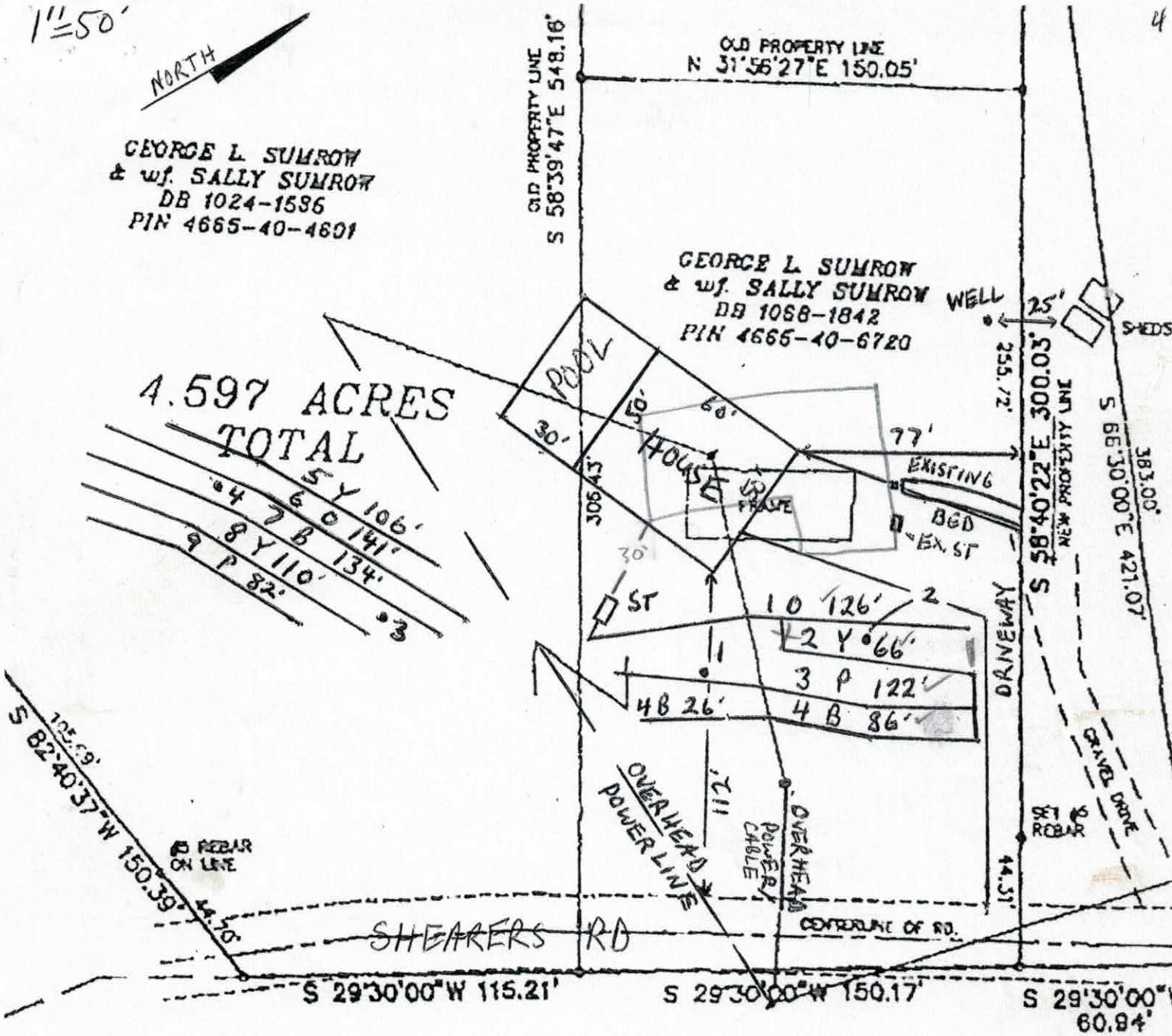
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 9/1/16 Installed by: SPECIALTY SEPTIC

IMPROVEMENT PERMIT by: Date: 8/31/16 OPERATION PERMIT by: RA-08 Date: 1-27-17

AUTHORIZATION TO CONSTRUCT by: Tim Pittuck Date: 9-12-16 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK



APPROVED AUG 3 1 2016

This Map is not a certified survey and has not been reviewed by a

Carolina Soil & Septic Consulting, PLLC

P.O. Box 1703, Mooresville, NC 28115

Phone: (704) 202-5791 Email: adrianpruett@yahoo.com

NC Licensed Soil Scientist, SC Professional Soil Classifier,
Certified Septic System Operator, Licensed Septic Installer,
Certified Septic Inspector

**Proposed Design for a 25% Reduction Septic System
using Gravity distribution for a 4 bedroom single family residence
at 1538 Shearers Rd., PIN # 4665-40-4713.000 in
Mooresville, Iredell County, North Carolina.**

Contents: **Page**

Information for the Installer---------- 1

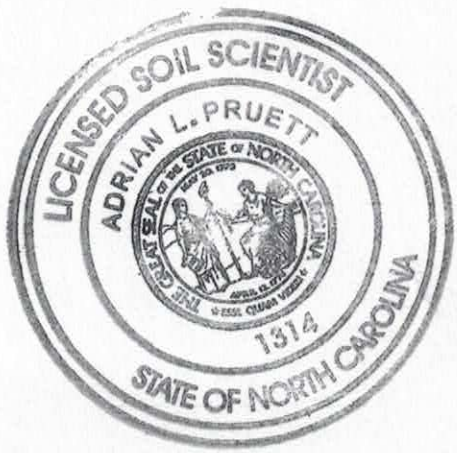
Design Information
Design Specifications---------- 2
Layout Specifications---------- 3

Site Plan/System Plan---------- 4-5

Dosing Calculations---------- 6

Soil Profile Descriptions---------- 7

August 18, 2016
Design By: Adrian L. Pruett



INFORMATION FOR INSTALLER:

- The permit should be read very carefully prior to submitting bid. 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.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- The installer is responsible for final grades and returning that grade to original, with exception of added structural features.
- The supply trench shall be compacted to eliminate any 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 has no more than 1/4"fall in 10 feet with no high or low areas within. If high or low areas do exist after trench excavation, high areas should be removed rather than filling in low areas. Do not over excavate trenches! Any fine grading should be completed by hand with a rake and shovel, leaving no loose material.
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral to prevent unwanted lateral water movement.
- 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 pin flag locations should be checked by the installer prior to beginning trenches to insure accuracy.
- If septic tank risers are used they should be a minimum of 6" above finished grade or within 6" of final grade if buried.
- Design precludes use of foundation drains on the residence.
- System is specified as an Accepted 25% Reduction Gravity installation.
- Repair is specified as PPBPS Low Pressure installation.
- Trench width is specified as 36" wide, rake and lime all trench sidewalls
- **If grading for slab foundation is utilized do not grade/create greater than 2 ft of elevation difference within 15 ft of any component of the septic or repair. If back filling do not backfill over any initial or repair septic line.**

OWNER INFORMATION

Owner: William Sumrow

Address: 134 Colville Rd.
Mooresville, NC 28117
Phone: 704-579-0977
County: Iredell
Location: 1538 SHEARERS RD., PIN # 4665-40-4713.000

Source of Wastewater Flow: 4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow: 480
System Flow: NA

25% GRAVITY DESIGN INFORMATION

Drainfield Design Flow (gpd): 400
Loading/Soil Application Rate (gpd/ft.^{2}): 0.300
Depth of Gravel in Trench: NA (25% reduction)
Gravel Size: NA (25% reduction)
Total Lateral Length From Layout: 400
Total Lateral Length Required: 400
Trench Depth: 33 in. Lowside
Trench Width: 36 in.
TOTAL AREA TRENCH BOTTOM: 1200

Trench Spacing on Center: 9 ft.

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Septic Tank Size: 1000 gal.

Estimated Supply Line Length: 7
Supply Line Diameter: 3 in. SCH 40 PVC
Supply Line Volume: 2.52
Dosing Volume: NA
Supply Manifold: SERIAL DISTRIBUTION

Additional Comments: Soil suitability was performed by Adrian L. Pruett LSS

1538 SHEARERS RD., PIN # 4665-40-4713.000
FIELD LAYOUT SPECIFICATIONS

LAYOUT FOR 4 BEDROOM RESIDENCE

August 18, 2016

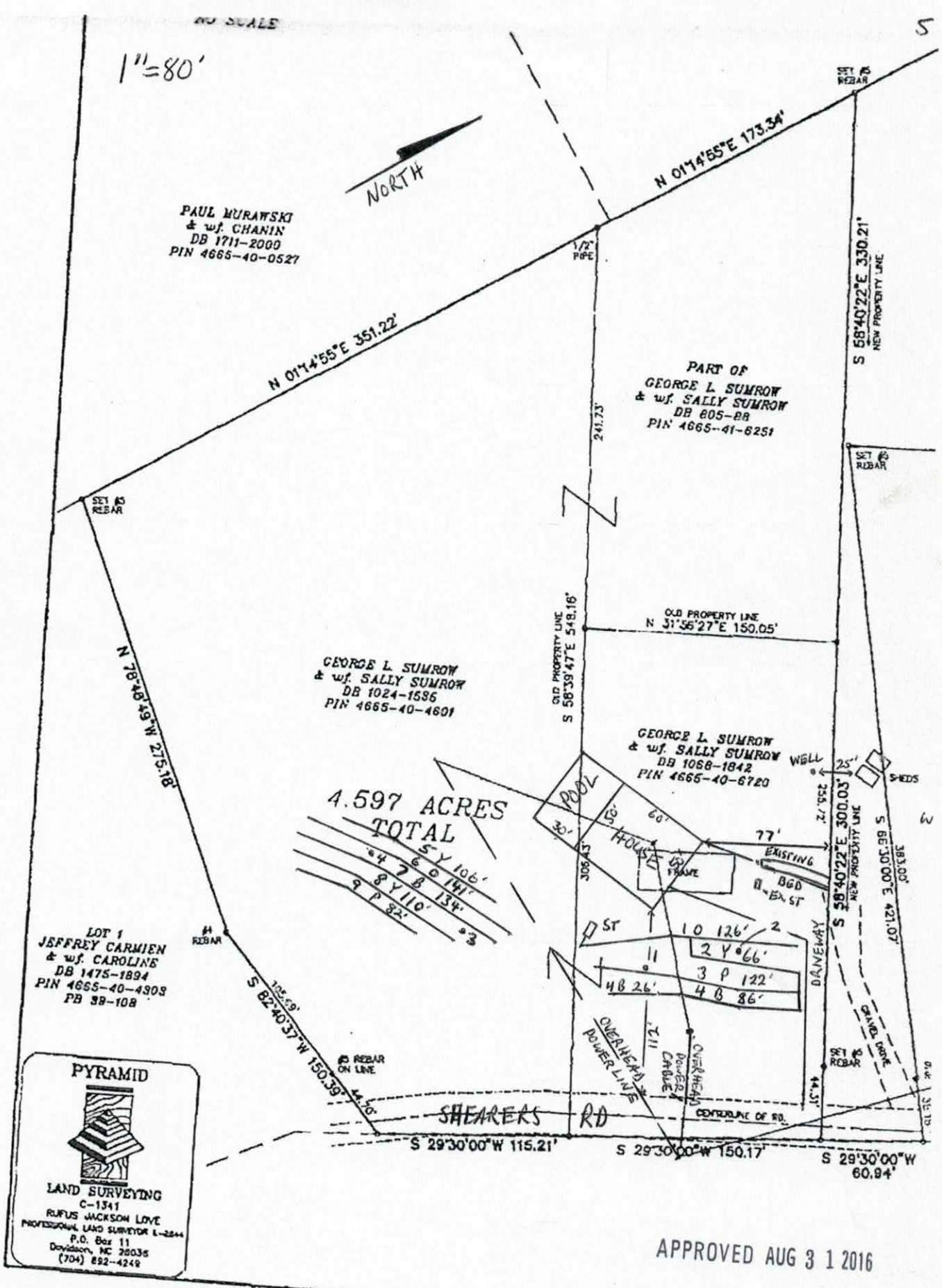
LINE #	FLAG COLOR	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM			NA		
HOUSE CRN		NA	NA		
P. TANK		NA	NA		
1	*ORANGE*	*NA*	*NA*	*134*	*126*
2	*YELLOW*	*NA*	*NA*	*71*	*66*
3	*PINK*	*NA*	*NA*	*129*	*122*
4	*BLUE*	*NA*	*NA*	*82*	*86*
4	BLUE	NA	NA	28	26
5	YELLOW	NA	NA	106	106
6	ORANGE	NA	NA	141	141
7	BLUE	NA	NA	134	134
8	YELLOW	NA	NA	110	110
9	PINK	NA	NA	82	82
			Total	**1017**	**999**

	LINE LENGTH	SYSTEM TYPE	SOIL LTAR GPD/FT^2	TRENCH SYSTEM	DISTRIBUTION
System	*400*	*ACCEPT.*	*0.300*	*25% RED.*	*GRAVITY*
Repair	599	*ACCEPT.*	0.300	25% RED.	GRAVITY

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Notes: ** TBM Is Not Required.
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags

Comments: **Iredell County has CS&SC's permission to change septic tank location and distribution type**



APPROVED AUG 3 1 2016

This Map is not a certified survey and has not been reviewed by a loc

DOSING CALCULATIONS

Location 1538 SHEARERS RD

PIN #: 4665-40-4713

No. of Bedrooms	4
Design Flow	480 $^{gal}/_{day}$
LTAR	0.300 $^{gal}/_{ft^2\,day}$
25% RED. Expansion? (YES OR NO)	YES
Supply Line Length	7 ft.
Supply Line Volume	2.52 gal.
Required Feet of 25% RED. Line	400 ft.
Amount of Line from Layout	400 ft.
Gallons per Minute	NA $^{gal}/_{min}$
Septic Tank Capacity	1000 gal.
Minimum Septic Tank Capacity	1000 gal.
Lateral Line Volume	261.2 gal.

APPROVED AUG 3 1 2016

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

Sheet 1 of 1
PROPERTY ID #: 4665-40-
COUNTY: Iredell

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

OWNER: William Sumrow
ADDRESS: 134 Colville Rd, Mooresville NC 28117
PROPOSED FACILITY: 4 Bedroom
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 1538 Shearers Rd, Mooresville
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE 8-18-16
DATE EVALUATED: 8-17-16
PROPERTY SIZE: 4.597 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	LSS 6%	0-12	RC MFSBK	Fi SP SExP	N/A	48"	N/A	N/A	PS 0.3 gpd/sq ft
		12-29	RC MFSBK	Fr SS SP SExP					
		29-48	RCL MFSBK	Fr SS SP SExP	com sap				
B 2	LSS 8%	0-5	BCL MFSBK	Fr SS SP SExP	N/A	48"	N/A	N/A	PS 0.3 gpd/sq ft
		5-15	RC MFABK	Fi SP SExP					
		15-48	RC MFSBK	Fr SS SP SExP	com sap > 32"				
B 3	LSS 4%	0-12	RC MMSBK	Fi SP SExP	N/A	48"	N/A	N/A	PS 0.325 gpd/ sq ft
		12-20	RC MFSBK	Fi SP SExP					
		20-32	RC MFSBK	Fr SS SP SExP	com sap				
		32-48	RCL MFSBK	Fr SS SP SExP	com/many sap				
B 4	LSS 5%	0-6	Compacted		N/A	48"	N/A	N/A	PS 0.3 gpd/sq ft
		6-15	RC MFABK	Fi SP SExP					
		15-32	RC MFSBK	Fr SS SP SExP	few sap				
		32-48	RCL MF/MFSBK	Fr SS SP SExP	com/many sap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gravity 25%	Gravity 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Carolina Soil & Septic
OTHER(S) PRESENT:

COMMENTS:

RECEIVED SEP 6 2016

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)

1. APPLICATION FOR: ___Improvement Permit X Authorization To Construct ___ 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 #
William Sumrow	~~1538 Shearers~~ 134 Colville Rd Mooresville NC 28117	704-579-0977	704-663-7132
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
1538 Shearers Rd Mooresville 28115		

Driving Directions: _____

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
Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms 4
Maximum Number of Occupants 3
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:

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

8. Please Answer The Following ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
To The Best of Your Ability: ( ) 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: _____ 9-6-16
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

RECEIVED AUG 18 2016

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 $350.00 EFT

1. APPLICATION FOR: ✓ Improvement Permit ___ Authorization To Construct ___ Existing System Inspection

****

221148

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 #
Carolina Soil & Septic	PO Box 1703 Mooresville NC 28115		704-202-5791
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
William Sumrow	134 Colville Rd, Mooresville NC 28117		704-579-0977

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
1538 Shearers Rd		

Driving Directions: Hwy 3 S, TR on Johnson Dairy, TL on Shearers, 2nd house on R

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 4
Maximum Number of Occupants 8
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 ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other _____

8. Please Answer The Following ( ) Yes (✓) No Does the site contain any jurisdictional wetlands?

To The Best of Your Ability: ( ) 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: _____ 8-18-16

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

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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, William Sumrow, am the legal owner(s) of the property located at 1538 Shearers Rd, identified as PIN (Parcel Identification Number) 4665-40-4713, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Adrian L. Pruett, Carolina Soil & Septic Consulting, 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.

William Sumrow 8-17-16

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

Type: CRP
Recorded: 07/22/2016 at 02:26:39 PM
Fee Amt: $26.00 Page 1 of 5
Revenue Tax: $0.00
Iredell County, NC
Matthew J. McCall Register of Deeds
BK 2434 PG 526-530

Revenue Stamps:
Sales Price:

Tax Lot No. _____ Parcel Identifier No. _____

Verified by _____ County on the ____ day of _____, 20___

Mail after recording to: Grantee

This instrument was prepared by: **Mark T. Davis, Attorney at Law, Davis & Kiblen PLLC, 181 N. Main Street, Mooresville, NC 28115**

THE INTENT OF THIS CONVEYANCE IS TO COMBINE TWO PRE-EXISTING PARCELS OF LAND OWNED BY THESE GRANTORS INTO ONE PARCEL

Brief description for the Index: **4.597 Acres More or Less located on Shearer's Chapel Road, Mooresville, North Carolina**

NORTH CAROLINA GENERAL WARRANTY DEED

(Individual(s) to Individual(s))

THIS DEED made this 28TH day of JUNE, 20 16, by and between

GRANTOR:	GRANTEE:
George L. Sumrow, and his wife, Sally, Whose Address Is: 1530 Shearer's Road Mooresville, NC 28115-7775	**William R. Sumrow, and his wife Heather N.,** Sumrow Whose Address Is: 134 Colville Road Mooresville, NC 28117 ***NO TITLE OPINION RENDERED***

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land, situated in Mooresville, North Carolina, and more particularly described as follows:

X See Legal Description Attached as Exhibit A and incorporated herein by reference.

The property hereinabove described was acquired by Grantor by instruments recorded in: **Book** 666, at **Page** 231, and also Book 805, Page 88, as recorded in the public records of Iredell County, North Carolina.

A map showing the above-described property is recorded in **Plat Book** _____ at **Page** _____.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantees in fee simple in tenancy by the entirety.

And the Grantor covenants with the Grantee, that the Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that the Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions if any:

1. Any and all easements, rights of way, and restrictions of record.
2. Any and all zoning and planning ordinances.
3. Any discrepancies as an accurate survey of the premises might reveal.

WITNESS Grantor's hand this the 28 day of June, 2016.

(1st Grantor's Signature)

G I Sumrow

George L. Sumrow

Print Name

(2nd Grantor's Signature)

Sally L. Sumrow

Sally L. Sumrow

Print Name

STATE OF NORTH CAROLINA
COUNTY OF IREDELL

I, Deborah I. Richard a Notary Public, of said State and County aforesaid, do hereby certify that George L. Sumrow Grantor, and his wife, Sally L. Sumrow, Grantor, personally appeared before me this day, and (i) I have personal knowledge of the identity of the grantors, or (ii) I have seen satisfactory evidence of the grantors' identity, by current state or federal identification with each grantor's photograph; or (iii) a credible witness has sworn to the identity of the grantor(s) each acknowledging to me that he or she voluntarily signed the foregoing document for the purpose stated herein and in the capacity indicated.

Witness my hand and official seal or stamp, this 28 day of June, in the year 2016.

(seal or stamp)

DEBORAH I RICHARD
Notary Public, North Carolina
Catawba County
My Commission Expires
5-22-2021

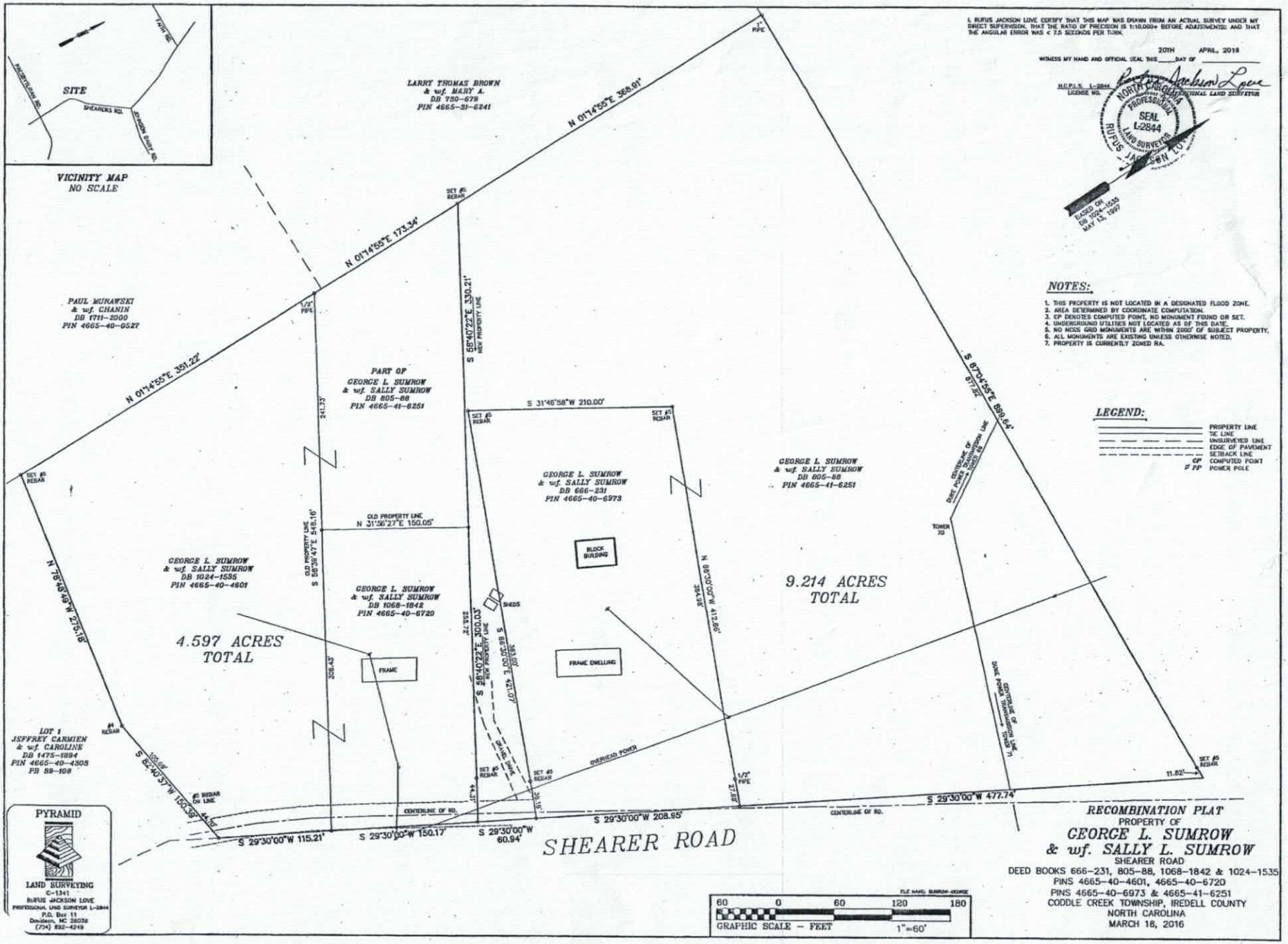
Deborah I. Richard
Notary Public

Printed Name: Deborah I. Richard

My Commission Expires: 5-22-2021

Exhibit A

Situated wholly within Iredell County, beginning at an existing iron pin at the eastern edge of the pavement for S.R. 1125 (Shearer's Chapel Road), the northeastern corner of the property of Jeffrey Carmien (as recorded on Deed Book 1475, page 1894); thence with the northern line of the property of Jeffrey Carmien, the following two courses and distances: (1) South 82-40-37 West 150.39 feet; and (2) North 78-48-49 West 275.18 feet to an iron pin set in the eastern line of the property of Paul Murawksi (as recorded on Deed Book 1711, page 2000); thence with the property line of Paul Murawski North 01-14-55 East 351.22 feet to an iron pin set; thence a new property line along the eastern line of the property of Paul Murawski, and Larry Thomas Brown (as recorded on Deed Book 730, page 679) North 01-14-55 East 173.34 feet to a point; thence along a new property line South 58-40-22 East 330.21 to a point; thence South 58-40-22 East 300.03 to a point on S.R. 1125 (Shearer's Chapel Road); thence South 29-30-00 West 150.17 feet to a point near the eastern edge of S.R. 1125 (Shearer's Chapel Road); thence South 29-30-00 West 115.21 feet to the point and place of Beginning; containing 4.597 acres, more or less; said description being made in accordance with the survey of Rufus Jackson Love on March 18, 2016; reference to which is hereby made for greater certainty of description.



This Map is not a certified survey and has not been reviewed by a local government agency for compliance with any applicable land development regulations.

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

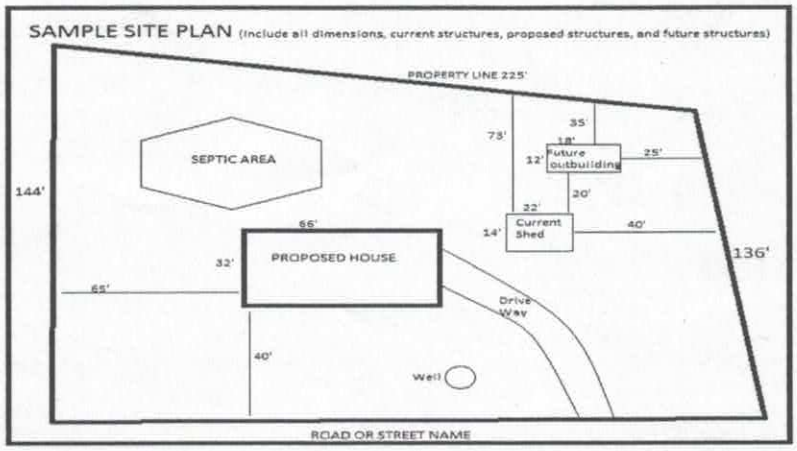
_____ Front and side setbacks from property line… **_____ Preferred driveway location and configuration, preferred well location…**

_____ 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

See Septic Permit

Signature: Tim [illegible] _____ 9-6-16

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

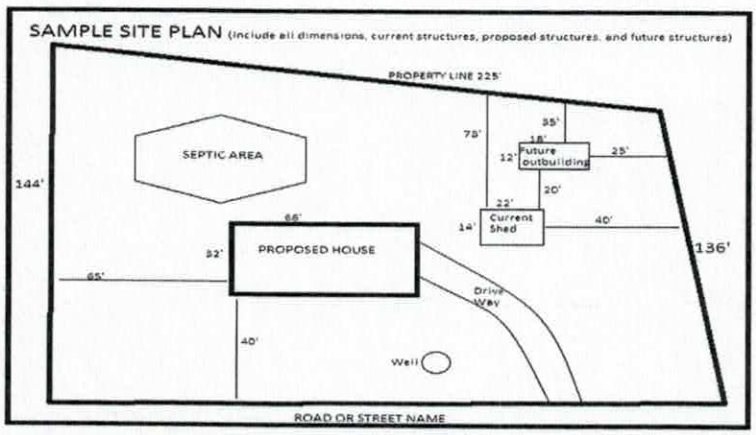
✓ **Front and side setbacks from property line…** ✓ **Preferred driveway location and configuration, preferred well location…**

✓ **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

See Attached Design

Signature: _____

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

8-18-16

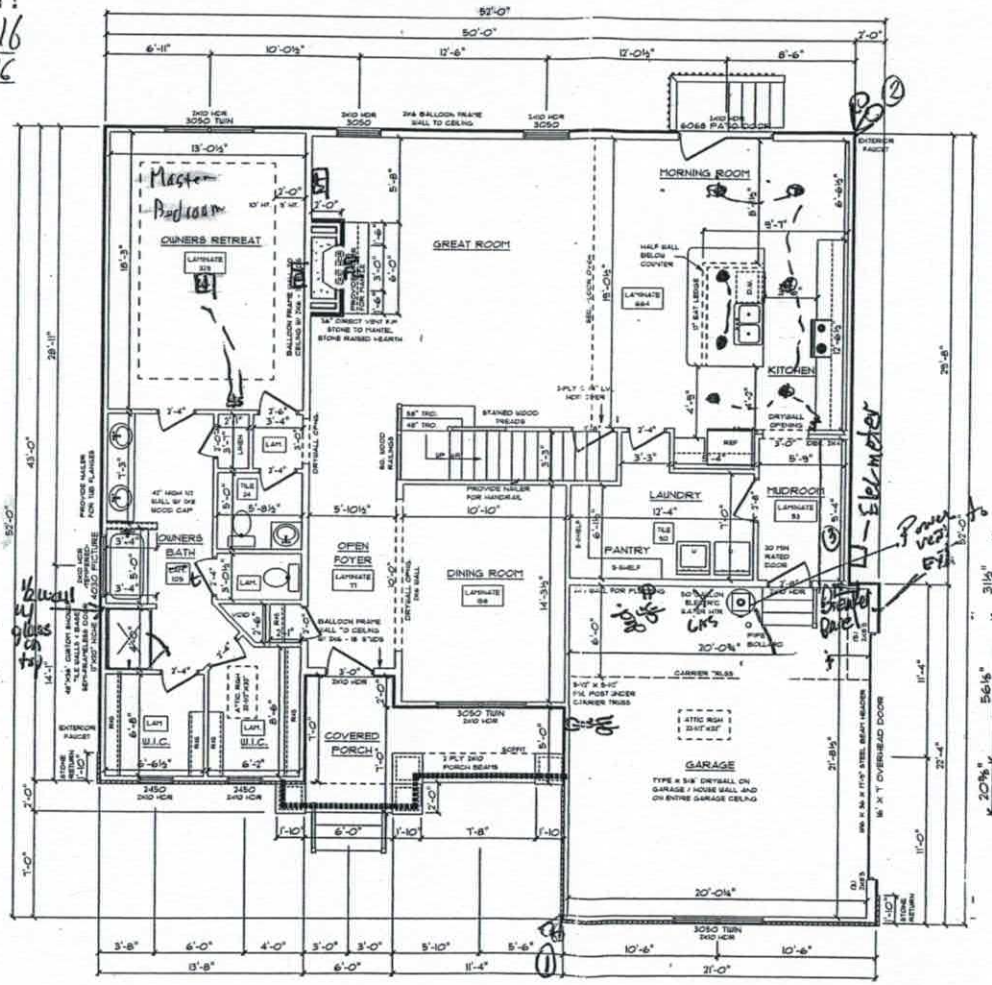
DATE

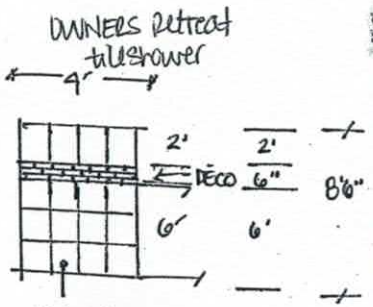
Installing 4 Bd System
4th Bd is for future

Submitted Precon Plans
8.24-16

① switch flood to rear patio door.

Acknowledgement of
Plans Submittal ONLY!
Builder Date 9-2-16
Sales Rep Date 9-12-16



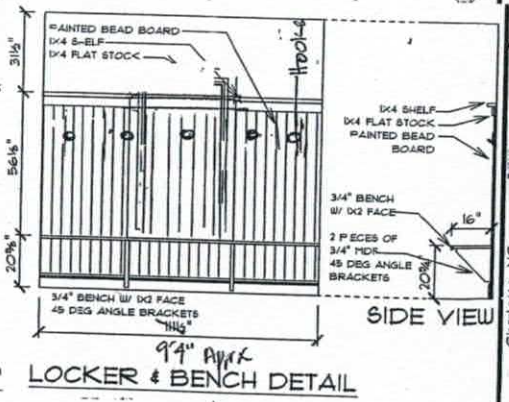


GENERAL FRAMING NOTES:
- DRYWALLED OPENINGS TO BE 6'-8" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE 2 PLY UNLESS OTHERWISE NOTED

PLAN NOTES:
- SMOOTH CEILINGS THROUGHOUT HOME
- PAINTED TRIM
- 5-1/4" BASEBOARDS
- 3-1/4" CASING ON INTERIOR DOORS AND WINDOWS HAVE DRYWALLED RETURNS
- 6-PANEL, HOLLOW CORE MOLDED INTERIOR DOORS
- PLY-GEM LOW-E VINYL WINDOWS

FLOORING NOTES:
- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED

ADDITIONAL NOTES:



LOCKER & BENCH DETAIL

OLIVIA 'B' / CUSTOM
FIRST FLOOR PLAN
9' CEILING HEIGHT

FIRST FLOOR LIVING AREA = 1806 SQ. FT.
SECOND FLOOR LIVING AREA = 865 SQ. FT.
SECOND FLOOR OPEN AREA = 478 SQ. FT.
GARAGE AREA = 461 SQ. FT.
CRAWL SPACE AREA = 1813 SQ. FT.
PORCH AREA = 118 SQ. FT.

WILLIAM & HEATHER BUHROW
JOB # CH 675 016 0171 CO # 2339
LOCATION 1538 BEARER RD. MOORESVILLE, NC 28115
IREDELL COUNTY

SCHUMACHER HOMES
Charlotte, NC
341 Alcove Road
Mooresville, NC 28117
(877) 267-3482
www.schumacherhomes.com

DRAWN BY: JAE
DATE
SCALE: 1/8" = 1'-0"
SHEET 4

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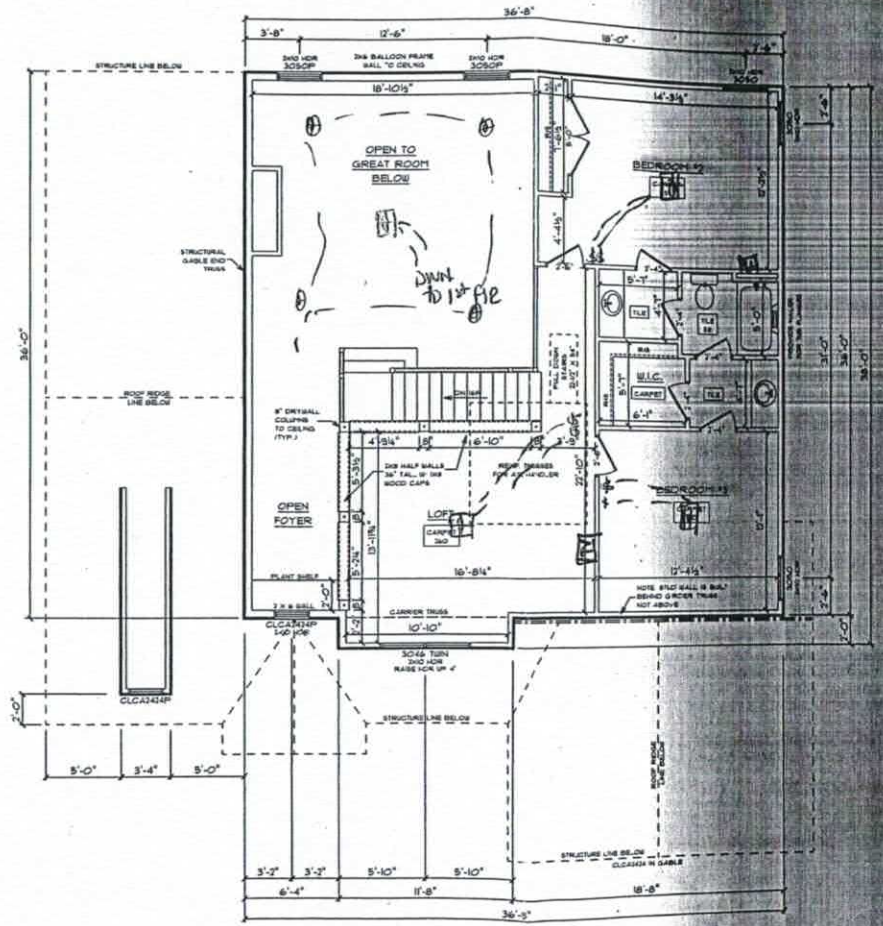
Switch flood at front door + garage door

Submitted Revised plans
8-24-16

Acknowledgement of
Plans Submittal ONLY!

Date 9-2-16

Date 9-12-16



OLIVIA 'B' / CUSTOM
SECOND FLOOR PLAN
8' CEILING HEIGHT

FIRST FLOOR LIVING AREA = 1806 SQ. FT.
SECOND FLOOR LIVING AREA = 665 SQ. FT.
SECOND FLOOR OPEN AREA = 478 SQ. FT.
GARAGE AREA = 461 SQ. FT.
CRAWL SPACE AREA = 1813 SQ. FT.
PORCH AREA = 116 SQ. FT.

CUSTOM BUILT FOR: WILLIAM & HEATHER SUMROW
JOB # - CH 675 016 0111 SH - 23139
LOCATION: 1538 SHEARER RD. MOORESVILLE, NC 28115 IREDELL COUNTY

SCALE: 1/8" = 1'-0" SHEET 5

DRAWN BY: JAE DATE:

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SCHUMACHER HOMES
Charlotte, NC
341 Alcove Road
Mooresville, NC 28117
(877) 267-3482
www.schumacherhomes.com

IREDELL COUNTY

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

APPLICATION NUMBER
221148
Issue Date: 08/18/2016

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4665406720.000	1538 SHEARERS ROAD, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: SUMROW GEORGE L+SALLY	Applicant: CAROLINA SOIL SEPTIC C
Address: 1530 SHEARERS RD MOORESVILLE, NC 28115	Address: 162 WEST B ST KANNAPOLIS, NC 28081
Phone:	Phone: 704-202-5791

Use Requested	Zone Code
SFD- FAST TRACK	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.050	35.00	35.00	15.00	15.00	NOT	X

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.

See Attached

Applicant: _____ Date: _____

Permit Number	77942	TOTAL FEES:	$ 77.25