ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 315159

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

✓ PIN # 4711 -41 -0413

APPLICANT/OWNER: William Schumacher APPLICANT ADDRESS: 1561 Duckworm ST Concord NC 28027

SITE ADDRESS: 128 S. Harborwatch Drive Statesville NC 28677 PHONE: 980-256-0445 ALT. PHONE -

SITE DIRECTIONS: Front ST to Buffalo Shoals @ on Laurel Cove @ Harborgate to @ Sharon Watch @ Lotson Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Harbor Watch SECTION: 3 LOT # 89 LOT AREA: 1.84AC DESIGN FLOW: 360 L.T.A.R.: .50

Septic Tank	1000 (gal)	STB 2071	Date [illegible]	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description: 25% Reduction - Gravity				☐ Business	No. Persons 6
Pump Make	Model		Serial #	Repair System Description: 25% Reduction - Gravity				☐ Other	No. Employees
# Nitrification Fields	1 # Lines 4		Linear Ft: 304	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36 Trench Bottom Depth [illegible]		Max 30 in	Gravel Depth -	☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: * House plan layout by 6ft pool area to be reduced to accomodate less house footprint

Line 3 4 lines out of level at Distal End. Pool to close to upper Drainfield must revise.

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas

LSS # 1218 Dated March 3, 2021 PA

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.

4/25/22 Redug 3rd line, elevations were good. MD

Will need to move pool, to close to upper drain line.

44ft btw drainline & house

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

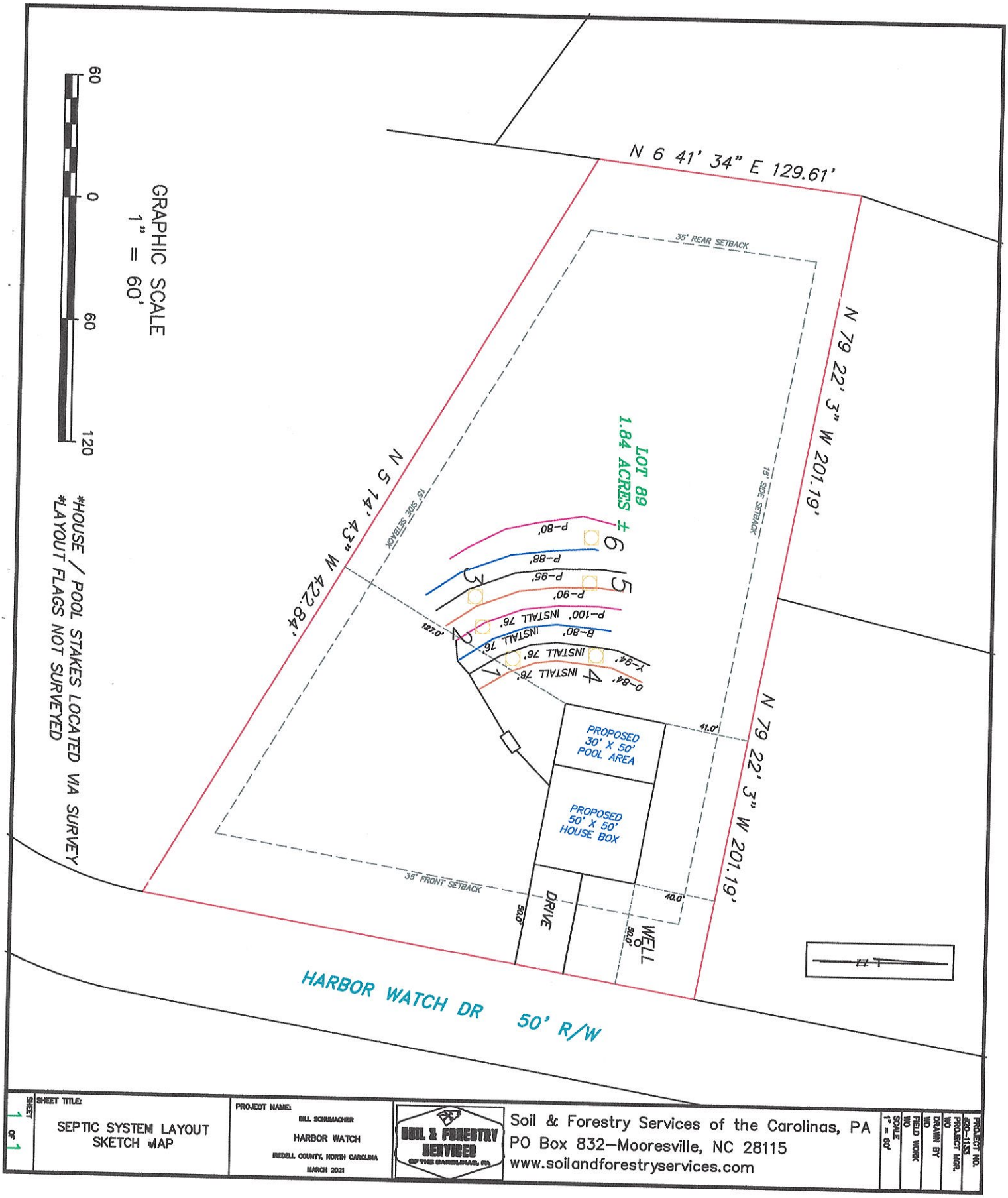
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☒ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 3/9/21 Installed by: Sib Edwins

IMPROVEMENT PERMIT by: Benjamin A Botts Date: 3/16/2021 OPERATION PERMIT by: Marian Lotson Date: 4/25/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Botts Date: 11/30/21 Existing System Inspected by: Date:

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



SHEET 1 OF 1	SHEET TITLE: SEPTIC SYSTEM LAYOUT SKETCH MAP	PROJECT NAME: BILL SCHUMACHER HARBOR WATCH IREDELL COUNTY, NORTH CAROLINA MARCH 2021	SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA	Soil & Forestry Services of the Carolinas, PA PO Box 832—Mooresville, NC 28115 www.soilandforestryservices.com	SCALE: 1" = 60' FIELD WORK: WD DRAWN BY: WD PROJECT MGR.: WD PROJECT NO.: 20-1153

GRAVITY DOSED SYSTEM
FOR WASTEWATER TREATMENT

Applicant:	Bill Schumacher
Phone:	980 256-0445
County:	Iredell
Location:	128 Harbor Watch

Source of Wastewater Flow:	3 Bedroom Single Family Residence
Estimated Daily Wastewater Production:	360 gpd
System Flow:	0.00 gpm

Design Specifications

Drainfield Size:	304 lf
Loading Rate:	0.3
Depth of Gravel in Trench:	n/a
Gravel Size:	n/a
Trench Depth:	30 in
Trench Width:	36 in.
Septic Tank Size:	1000
Pump Tank Size:	n/a
Estimated Supply Line Length:	25 lf
Supply Line Diameter:	3 in. SCH 40 PVC
Supply Line Volume:	9.50 gal
Dosing Volume:	0.00 gal

Recommended Float Controls:	n/a
Recommended Control Panel:	n/a
Pressure Head:	0
Friction Head:	0.00 ft
Elevation Head:	0.00 ft
Total Dynamic Head:	0.00 ft
Threaded Union:	In Tank
Gate Valves:	
Check Valves:	In Tank
Anti-Siphon Hole:	n/a
Recommended Pump:	

128 Harbor Watch
Gravity Design

DESIGN FLOW:	360	gpd
SOIL APPLICATION RATE:	0.3	
TOTAL AREA TRENCH BOTTOM:	912	sf
TOTAL LATERAL LENGTH:	304	lf
NUMBER OF FIELDS:	1	
LATERAL LENGTH REQUIRED PER FIELD:	300	lf
SUPPLY LINE LENGTH:	25	lf
TOTAL DYNAMIC HEAD:	0.00	gpm
DOSING VOLUME:	0.00	gal
PUMP TANK DRAW DOWN*:	0.0	in
SEPTIC TANK SIZE:	1000	
PUMP TANK SIZE:	n/a	

**Pump tank draw down based on a volume basis of 21 gallons per inch. Draw down may vary among pump tank manufacturers.*

128 Harbor Watch

Layout for a 3 bedroom home **March 2021**

LINE #	FLAG COLOR	BS	HI	FS	ELEV	FLAGGED LENGTH	DESIGN LENGTH
TBM							
INSTR. 1							
Back Rt House Cnr							
			SYSTEM				
1	Orange			0.50		84	76
2	Yellow			2.50		94	76
3	Blue			4.50		80	76
4	Pink			6.30		100	76
			REPAIR				
5	Orange			8.50		90	76
6	Yellow	1.8		10.50		95	76
7	Blue			4.10		88	76
8	Pink			6.00		87	76

	LINE LENGTH	LTAR GPD/FT²	SYSTEM TYPE	REDUCTION TYPE	DIST	TRENCH DEPTH
SYSTEM	304	0.300	ACCEPT	25%	GRAVITY	30
REPAIR	304	0.300	ACCEPT	25%	GRAVITY	30

Notes:

**TBM is assumed to be 100'
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**BS and FS indicate rod readings

CALCULATIONS

Location Harbor Watch

Project Number 20-1133

Lot No: 89

No. of Bedrooms 3

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

LTAR 0.3 $^{gal}/_{ft^2\ day}$

Accepted? (YES OR NO) Yes

Supply Line Length 25 ft.

Supply Line Volume 9.5 gal.

Required Feet of Line 300 ft.
Amount of Line from Layout 304 ft.

Gallons per Minute 0.00 $^{gal}/_{min}$

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

Lateral Line Volume 0 gal.

Dosing Volume 0.00 gal.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
27.4	1.51
30	1.78
	-1.76
35	2.37
37	2.63
40	3.03
42.7	3.43
45	3.77
46.51	4.01
50	4.58
57.11	5.89
60	6.42

Tank Draw Down 0.0 in.
Generic Draw Down of 21 gal.per in.

Pump Run Time #DIV/0! minutes

Elevation Head 0 ft.
Pressure Head 0 ft.
Friction Factor 0 ft./100 ft. *(From the interpolater.)*
Friction Head 0.00 ft.
Elevation Head +15% 0
Total Dynamic Head 0.00 ft.

PROPERTY ID #: 4711410413
COUNTY: Iredell

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

OWNER: BILL SCHUMACHER
APPLICATION DATE
ADDRESS:
DATE EVALUATED: 9/1/20
PROPOSED FACILITY: HOUSE
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 1.84 ACRES
LOCATION OF SITE: S. HARBOR WATCH DRIVE
PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: X☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAP CLASS	.1944 RESTR HORIZ	
1	L / 18%	0-7	YB SCL WMS	VFr SS SP	N/A	55			.3
		7-33	R C WMA/S	Fr SS SP					
		33-55	YR SCL WFS	VFr SS SP c sap					
2	L / 15%	0-5	YB SCL WFS	VFr SS SP	N/A	43			.3
		5-33	R C WMA/S	Fr SS SP					
		33-43	BR SCL WMA	Fr SS SP					
		43-55	VAR SL MASS	VFr NS NP					
3	L / 17%	0-7	YB SCL WFS	VFr SS SP	N/A	46			.3
		7-31	R C WMA/S	Fr S SP					
		31-46	BR SCL WFS	Fr SS SP c sap					
		46-60	VAR SL MASS	VFr NS NP					
4	L / 17%	0-6	B SL WFGr	VFr SS SP	N/A	48			.3
		6-14	Y SCL WFS	VFr SS SP					
		14-32	R C MMA/S	Fr SS SP					
		32-48	BR CL WFS	Fr SS SP few sap					
		48-57	VAR SL MASS	VFr NS NP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	300
System Type(s)	ACCEPTED	ACCEPTED
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: OVERBY
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST
JAMES WENDELL OVERBY
1218
STATE OF NORTH CAROLINA

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: 4711410413
DATE OF EVALUATION: 9/1/2020
COUNTY: Iredell

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
5	L / 17%	0-6	B SL WFGr	VFr SS SP	N/A	48			.3
		6-14	Y SCL WFS	VFr SS SP					
		14-32	R C MMA/S	Fr SS SP					
		32-48	BR CL WFS	Fr SS SP few sap					
		48-57	VAR SL MASS	VFr NS NP					
6	L / 15%	0-8	YB SCL WFS	VFr SS SP	N/A	48			.3
		8-26	R C MMA/S	Fr SS SP					
		26-48	R CL WFS	Fr SS SP few sap					

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

March 3, 2021

Iredell County Environmental Health
Attn: Heath Snow
349 N Center Street
Statesville, NC 28677

Re: Session Law 2018-114 Submittal for **128 S Harbor Watch Drive**

Mr. Snow,

Attached please find sealed soil notes as well as site plans and design related data for a 3-bedroom accepted (25% reduction) system using gravity distribution. The design packet is submitted under Session Law 2018-114 (HB 374).

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c)."

Owner: William and Sharon Schumacher:

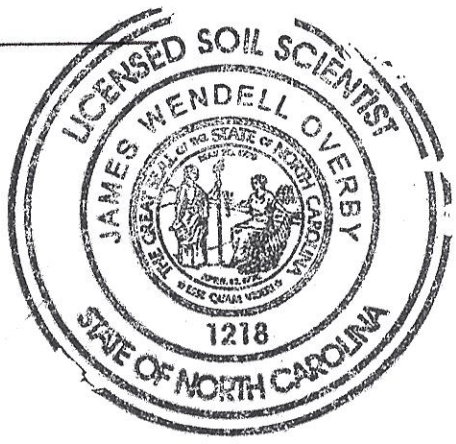
Signature: William Schumacher Sharon Schumacher

"The LSS Evaluation is being submitted pursuant to and meets requirements of SL 2018-114 Section 11.(c)."

Wendell Overby, LSS

Signature: Wendell Overby

Seal:



Three (3) Bedroom Accepted Septic System Design using Gravity Distribution for 128 S Harbor Watch Drive

Contents: **Page**

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

Design Information

Design Specifications---------- 2-3

Layout Specifications---------- 4

Site Plan---------- 5

Calculations---------- 6

Profile Descriptions---------- 7-8

Iredell County Septic Application---------- 9-10

Iredell County Environmental Health Requirements---------- 11

Iredell County Zoning Permit---------- 12

Agent Authorization---------- 13

Owner: William and Sharon Schumacher

980 256-0445

March 2021

Job 20-1133

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 DHH, 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
- 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.
- Elevations at pinflag locations should be checked by the installer prior to beginning
- Septic tank riser shall be a minimum of 6" above finished grade.
- **System specified as accepted type using gravity distribution**
- **Repair specified as accepted type using gravity distribution**
- **System trench depth specified at 30"**
- **System trenches installed on 9' minimum; 3' wide trenches**

RECEIVED JAN 5 – 2022

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

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Application For:
(X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) 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:
Place an (X) beside whichever is submitted if applicable
(X) Survey Plat, scaled no more than 1 inch = 60 feet
(X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Mr William Schumacher Address: 1561 Duckworth St Concord, NC Zip: 28027
Applicant Email: newschu@aol.com Phone: 980-256-0445 Alt. Phone: NA
Owner Name: Mr William Schumacher Address: 1561 Duckworth St Concord, NC Zip: 28027
Owner Email: newschu@aol.com Phone: 980-256-0445 Alt. Phone: NA

Property Information:

Street Address: 128 S. Harbor Watch Drive, STATESVILLE, NC 28677
Subdivision Name: Harbor Watch Section/Phase: 5 Lot Number: 89
Driving Directions: Hwy 21 to Buffalo Shoals Rd. Go Land Cove Rd Harbor Gate Entrance Watch Harbor Dr Left

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 Describe Problem:

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 6
( ) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
(X) 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:
(X) 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 (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) 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.

Signature: DocuSigned by: William Schumacher 11/24/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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) DocuSigned by: William Schumacher 5639A2AD2C9B407...

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, ☒ william schumacher, am the legal owner(s) of the property located at 128 S. Harbor watch Drive, STATESVILLE, NC 28677 identified as PIN (Parcel Identification Number) 4711-41-0413, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) South Environmental Solutions, Inc. Kenneth L. Crow Mr. Kenneth L. Crow, 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.

☒ DocuSigned by: William Schumacher 5639A2AD2C9B407... Signature of Owner(s)

☒ 11/24/2021 Date

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

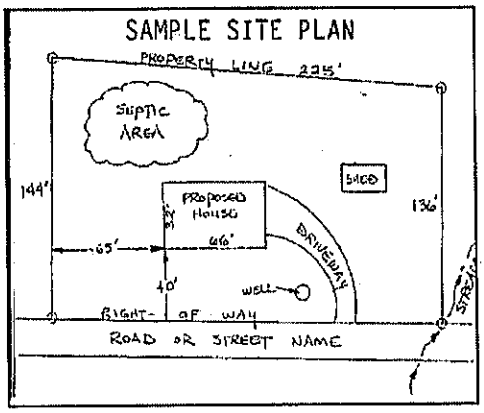
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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 MAP

Signature: DocuSigned by: William Schumacher 5039A2AD2C9B407...

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

11/24/2021

DATE

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 315159

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM PIN # 4711 -91 -0913

APPLICANT/OWNER: William Schumacher APPLICANT ADDRESS: 1561 Duckworth ST Concord NC 28027

SITE ADDRESS: 128 S. Harborwatch Drive Statesville NC 28677 PHONE: 980-256-0445 ALT. PHONE -

SITE DIRECTIONS: From ST to Buffalo Shoals Rd on Carol Cove R Harborgate R Sharon Watch R Lasso CT

BAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Harbor Watch SECTION: 5 LOT # 89 LOT AREA: 1.84 AC DESIGN FLOW: 360 L.T.A.R.: .50

Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction - Gravity			☐ Business	No. Persons	6	☒ Private	
Pump Make		Model			Serial #		Repair System Description:	25% Reduction - Gravity			☐ Other	No. Employees		☐ Public	
# Nitrification Fields	1	# Lines	4		Linear Ft	304	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community	
Trench Width	36	Trench Bottom Depth (Max)			Max 30in	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas

LSS # 1218 Dated March 3, 2021 PA

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-864-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

COPY

---IMPROVEMENT PERMIT ONLY---

DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

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

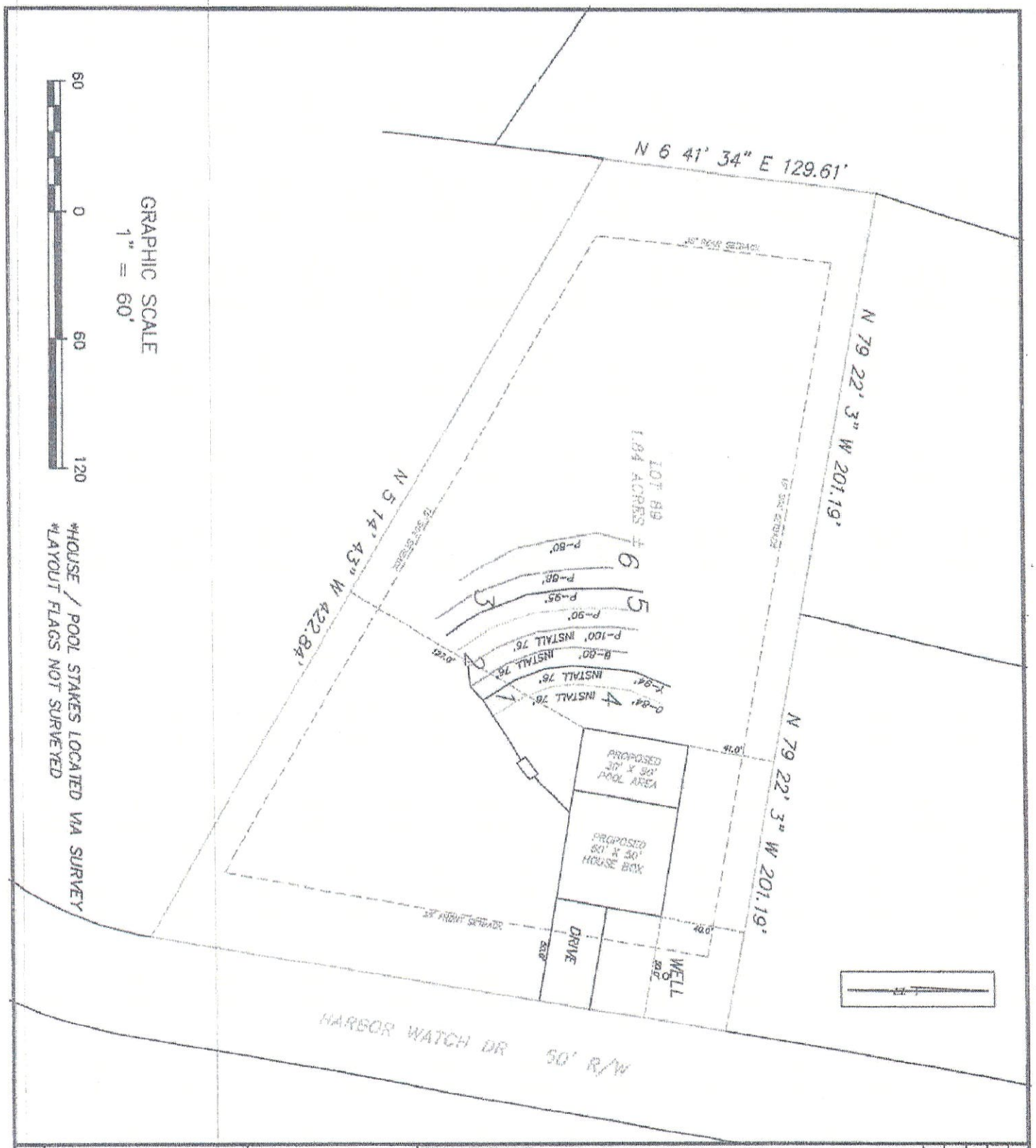
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☐ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by:

IMPROVEMENT PERMIT by: Benjamin A Bates Date: 3/16/2021 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-864-3703 between 8am-9am the day the inspection is needed



SHEET TITLE: SEPTIC SYSTEM LAYOUT SKETCH MAP

PROJECT NAME: HARBOR WATCH

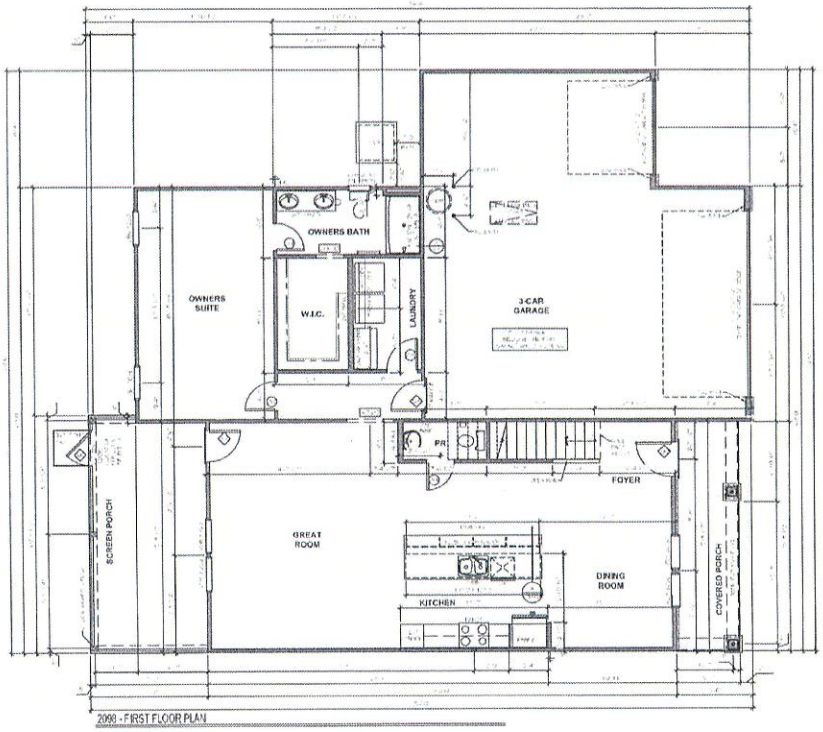
Soil & Forestry Services of the Carolinas, PA
PO Box 832--Mooresville, NC 28115
www.soilandforestryservices.com

Acknowledgement Of
Plans Submittal ONLY!

Date 11/30/21

Date 12-1-21

56'6"



2098 - FIRST FLOOR PLAN

52'

11-22-21

TrueHomes
IT'S ALL ABOUT U
2949 Breckenridge Centre Dr.
Suite 104
Monroe, NC 28110
704-271-1191

YOUR LOT - REGION A

LOT # 1040

DEVIN
2098

IREDELL

PREPARED BY: SCOTT

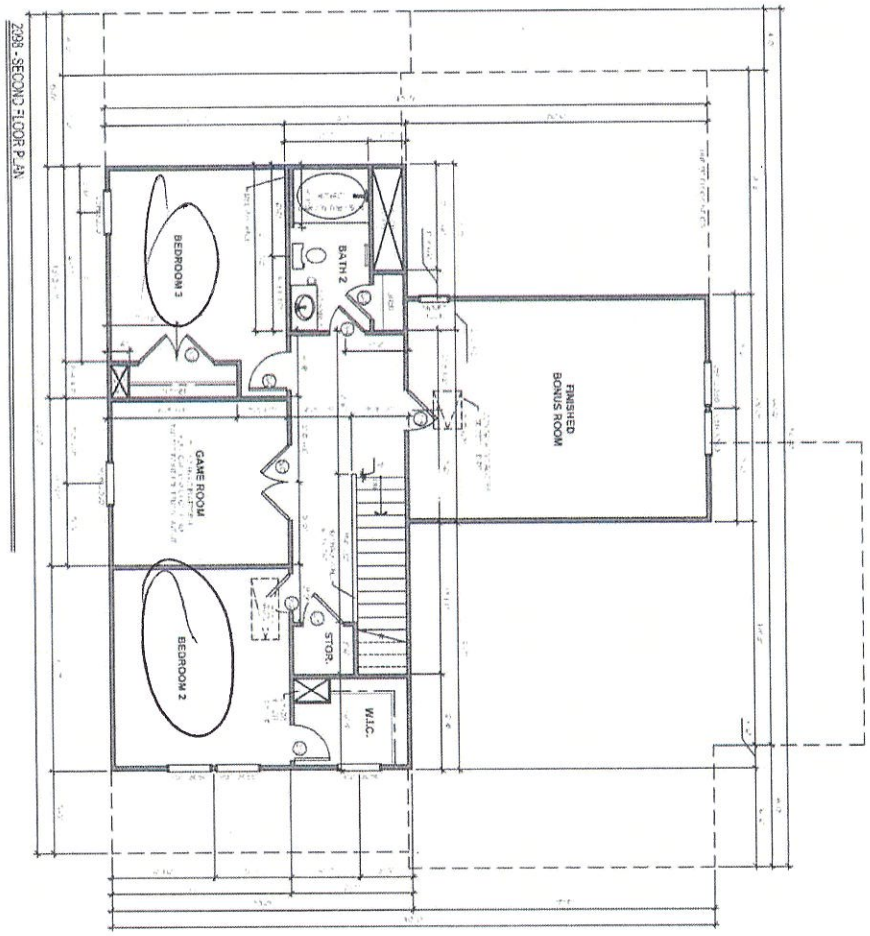
DATE:

SCALE:

REVIEWED BY: CHUCK

SHEET: A2.1

Acknowledgement Of
Plans Submitted ONLY!
Date 11/30/21
Date 12-1-21



11, 963

11-22-21

40, 104

SHEET: A2.2	PREPARED BY: SCOTT DATE: SCALE: REVIEWED BY: CHUCK	DEVIN 2098 IREDELL	YOUR LOT - REGION A LOT # 1040	TrueHomes IT'S ALL ABOUT U 2649 Brekonridge Centre Dr. Suite 104 Monroe, N.C. 28110 704-271-1191

IREDELL COUNTY · NC

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

APPLICATION NUMBER
315159 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4711410413.000	120 S HARBOR WATCH DR	Iredell County

Owner Information	Applicant Information
Name: SCHUMACHER WILLIAM J+SHARON F	Name: SOIL AND FORESTRY SERVICES
Address:	Address: P. O. BOX 832
	MOORESVILLE, NC 28115
Phone:	Phone: (704)746-5046

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.84	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD// NEED DISCLAIMER

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Signature of Owner/Contractor

Date: 02/19/2021

Permit Number	315159	TOTAL FEES:	$77.25