ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3825 | PERMIT # 314859

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

PIN # 4740-01-1338

APPLICANT/OWNER: HH Wilfong Holdings LLC | APPLICANT ADDRESS: P.O Box 3965 Mooresville NC 28117

SITE ADDRESS: 126 Ridge Creek Drive Troutman NC 28166 | PHONE: 704-202 1524 | ALT. PHONE

SITE DIRECTIONS: Perth Rd to Castle Hill Ridge Creek Drive | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Rocky Creek Cove | SECTION: 1 | LOT # 53 | LOT AREA: 1.09 Acres | DESIGN FLOW: 360 | L.T.A.R.: .135

Septic Tank	1000 (gal)	STB	Infiltrator	Date		[X] New System [ ] Repair [ ] Expansion	System Type: I II [III] IV V VI	[X] Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	Infiltrator	Date		System Description: PM - 25% Reduction		[ ] Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description: LD - PP88 - 50% Reduction		[ ] Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft.	264	Maintenance Agreement Required:	[ ] YES [X] NO	[X] Slab	[ ] Crawl Space
Trench Width	36	Trench Bottom Depth (Downslope)	36 max	Gravel Depth			[ ] GRAVITY [X] PRESSURE	[ ] Basement w/plumbing	[ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions:

INITIAL SITE SKETCH

AS BUILT SKETCH

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

9-29-2021 Checked top line & tanks GS

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 PA

LSS # 1231 Dated 2/3/2021.

	Date	Initials
Drain Lines Checked	10/1/21	MD
Tanks Checked (ST filter 10/1/21)	9-29-21	JB
Pressure Manifold or Valve Box Checked	10-20-2021	BCW
Pressure Head Set	10-20-21	BCW
Electrical Checked	10-20	BCW
Floats Set	10-20	BCW
Alarm Checked	10-20	BCW
Maintenance Contract Y / (N)	10-20	BCW

Supply lines 10/1/21 MD

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

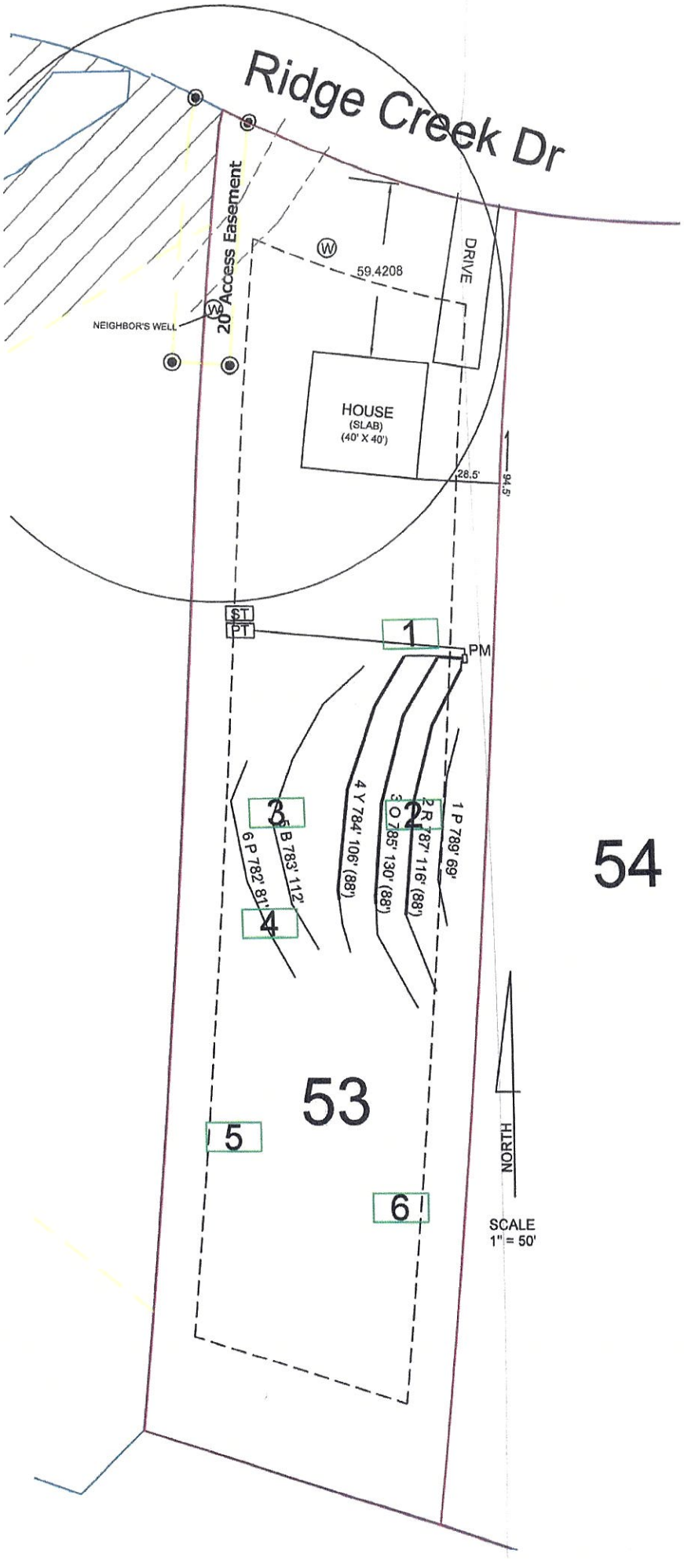
[ ] IMPROVEMENT PERMIT with plat valid without expiration. [X] IMPROVEMENT PERMIT with site plan valid for 60 mos. [X] AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: [signature] Date: 2/17/21 | Installed by: Specialty Septic

IMPROVEMENT PERMIT by: Benjamin A. Bolton Date: 2-16-21 | OPERATION PERMIT by: Burt C. White Date: 10-21-2021

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 4/1/21 | Existing System Inspected by: Date:

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


Ridge Creek Dr
20' Access Easement
NEIGHBOR'S WELL
59.4208
DRIVE
HOUSE
(SLAB)
(40' X 40')
28.5'
94.5'
ST
PT
PM
1
2
3
4
5
6
6 P 782' 81'
5 B 783' 112'
4 Y 784' 106' (88')
3 O 785' 130' (88')
2 R 787' 116' (88')
1 P 789' 69'
53
54
NORTH
SCALE
1" = 50'

PRESSURE MANIFOLD SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant:	HH Wiltshire Holdings LLC
Address:	P.O. Box 3965 Mooresville, NC 28117
Phone:	704.202.1524
County:	Iredell
Location:	126 Ridge Creek Dr.
Source of Wastewater Flow:	3 Bedroom Single Family Residence
Estimated Daily Wastewater Production:	360 gpd
System Flow:	21.33

Design Specifications

Drainfield Size:	264
Loading Rate:	0.35
Depth of Gravel in Trench:	NA (25% reduction)
Gravel Size:	NA (25% reduction)
Trench Depth:	36 in. Repair Trench Depth 36 in.
Trench Width:	36 in.
Septic Tank Size:	1000
Pump Tank Size:	1000
Estimated Supply Line Length:	75
Supply Line Diameter:	2 in. SCH 40 PVC
Supply Line Volume:	13.05
Dosing Volume:	120.67
Supply Manifold:	4 in. SCH 80 PVC
Supply Manifold Length:	4 ft. (minimum)
Supply Manifold Volume:	N/A
Recommended Float Controls:	SJE Sensor Float Control Switches as Required for Control Panel or County Approved Equivalents
Recommended Control Panel:	SJE-Rhombus Model 112 (NEMA 4x) Control Panel or County Approved Control Panel.
Pressure Head:	2 ft.
Friction Head:	0.95
Elevation Head:	13.50
Total Dynamic Head:	18.92
Threaded Union:	In Tank
Gate Valves:	1 in Tank 1 at Pressure Manifold
Check Valves:	In Tank
Anti-Siphon Hole:	NA
Additional Comments:	Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA.

126 Ridge Creek Dr.
PRESSURE MANIFOLD DESIGN

DESIGN FLOW:	360
SOIL APPLICATION RATE:	0.35
TOTAL AREA TRENCH BOTTOM:	792
TOTAL LATERAL LENGTH:	264
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	258
SUPPLY LINE LENGTH:	75
TOTAL DYNAMIC HEAD:	18.92
MANIFOLD SIZE:	4 in.SCH 80 PVC
DOSING VOLUME:	120.67
PUMP TANK DRAW DOWN*:	5.7
SEPTIC TANK SIZE:	1000
PUMP TANK SIZE:	1000

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

Layout Specifications - 126 Ridge Creek Dr.

Project #: 20-0091

LAYOUT FOR 3 BEDROOM HOME

February 3, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
HOUSE	LEFT REAR				783.00		
PUMP TANK					779.00		
INSTR. 1			100.9				
1	PINK				789.69	69	69
2	***RED***				***787.00***	***116***	***88***
3	***ORANGE***				***785.00***	***130***	***88***
4	***YELLOW***				***784.00***	***106***	***88***
5	BLUE				783.00	112	112
6	PINK				782.00	81	81
					Total	614	526

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
** System*	*264*	*0.350*	*ACCEPT.*	*0.350*	*25% RED*	*GRAVITY*
Repair	262	0.300	MOD. CONV.	0.300	PPBPS	LOW PRESSURE

Notes: **All measures in feet

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

**Nitrification lines were located by GPS.

PRESSURE MANIFOLD TAPSHEET - 126 Ridge Creek Dr.

SYSTEM

Line #	Color	Elevation	Length	Hole Size	Flow/Tap	Trench Area	Line LTAR
2	***RED***	***787.00***	***88***	*SCH 40 1/2*	*7.11*	*264*	***0.15***
3	***ORANGE***	***785.00***	***88***	*SCH 40 1/2*	*7.11*	*264*	***0.15***
4	***YELLOW***	***784.00***	***88***	*SCH 40 1/2*	*7.11*	*264*	***0.15***

total	**feet =**	**264**	**gal/min =**	**21.33**
		Des. Flow	**360**	
		Pump Run=	**5.66**	
		soil LTAR	**0.35**	
		LTAR +5%	**0.3675**	
		LTAR with ACCEPTED	**0.466666667**	
		LTAR with ACCEPTED + 5%	**0.49**	

CALCULATIONS

Location 126 Ridge Creek Dr.
Troutman, NC 28166
Project Number 20-0091

Lot No: 53

No. of Bedrooms 3

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

LTAR 0.350 $^{gpd/ft^2}$

25% RED.? (YES OR NO) YES

Supply Line Length 75 ft.

Supply Line Volume 13.05 gal.

Required Feet of Line 258 ft.
Amount of Line from Layout 264 ft.

Gallons per Minute 21.33 $^{gal}/_{min}$

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

Lateral Line Volume 172.392 gal.

Dosing Volume 120.67 gal.
Note: Dosing Volume based on 70% of lateral line volume

Tank Draw Down 5.7 *Generic Draw Down of 21 gal.per in.*

Pump Run Time 5.66 minutes

Elevation Head 13.5 ft.
Pressure Head 2 ft.
Friction Factor 1.27 ft./100 ft. *(From the interpolater.)*
Friction Head 0.95 ft.

Total Dynamic Head (+15%) 18.92 ft.

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 ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4740011338
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: IRON IVEY
ADDRESS:
APPLICATION DATE
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.1949): 360gpd DATE EVALUATED: 2015
LOCATION OF SITE: Lot 53 1260 Ridge Creek Dr. Troutman NC 28166 PROPERTY SIZE: 1.09 AC
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other PROPERTY RECORDED: Yes
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
P 1	L/20%	0-3	DkB cl wfsbk	Fr SSSPSEXP	f sap	24	PS	—	PS 0.4+
		3-24	RB cl wfsbk	Fr SS SP SEXP					
		24-67	var fsl mass	n NS NP NEXP					
P 2	L/12%	0-20	BRCwfsbk	Fr SS PSEXP	c sap	30	PS	—	PS 0.35-.4
		20-30	RB cl wfsbk	Fr SSSP SEXP					
		30-68	var l mass	n n n n					
P 3	L/10%	0-4	B sl sr	Fr SSSPSEXP	f-c sap	48	PS	—	PS 0.3
		4-8	RB cl wmsbk	n n n n					
		8-36	RCwmAbk/sbk	F SSPSEXP					
		36-48	RBcl wmsbk	Fr SS SP SEXP					
		48-66	var c sl mass	L NS NP NEXP					
4	L/12%	0-4	BR CL WFS	Fr SSSP SEXP	f-c sap	32	PS	—	PS .35-.4
		4-16	RB C WMS/A	Fi SS SP SEXP					
		16-32	RB CL WFS	Fr SS SP SEXP					
		32-67	VAR SL MASS	Fr NS NP NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	.35	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley
OTHER(S) PRESENT: Chad Wagner

COMMENTS:

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0091
February 3rd, 2021

NEST HOMES
Attn: *Michael Wetter*
Email: mwetter@nesthomes.com

RE: Soil & Site Evaluation for a 4 Bedroom Residence on Lot 53 Rocky Creek Cove Subdivision,1.09 ac Parcel, PIN# 4740011338, 126 Ridge Creek Drive,Troutman, NC 28166.

Mr. Wetter:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions
At the time of our evaluation land cover on the property was mostly mixed pine/hardwood. Topography within the evaluated area was gentle to moderate slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Jordan-Grant Surveying. The surveyor provided an Autocad File of a survey as a basemap. The proposed septic layout was located via Trimble Submeter GPS/tape measures and used to produce the attached *Site Plan*. The house envelope was located via Survey by Jordan-Grant Surveying.

Methodology
We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with four pit locations on the property flagged and located via GPS. All of the backhoe pits are located in or adjacent to the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each pit. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS and tape measures. Detailed system & repair information is summarized in the following paragraph for this Lot.

126 Ridge Creek Drive (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 614 linear feet of line. The primary system is proposed as 264 linear feet of Accepted (25% Reduction) drainfield with pressure manifold distribution. Trench depth is specified at 36 inches. The repair system is proposed as 200 linear feet of PPBPS (50% Reduction) drainfield with gravity distribution. There is 262 linear feet available for repair. Trench depth is specified at 36 inches.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"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 Date

Print Name J. M. Weiler
Signature _____ 2/4/21

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

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

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas on Lot 53 of Rocky Creek Cove Subdivision may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

LICENSED SOIL SCIENTIST
Samuel A. Rollans
1231
STATE OF NORTH CAROLINA

S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted (25% reduction) Septic System with Pressure Manifold distribution for a 3 bedroom single family residence at 126 Ridge Creek Dr. Lot 53, (PIN #:4740011338), Troutman NC, 28166.

Contents: **Page**

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

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4
- System Tapsheet---------- 5
- Pressure Manifold Diagram---------- 6

Site Plan/System Plan---------- 7

Calculations---------- 8

Profile Descriptions---------- 9

Zoning Permit & Receipt---------- 10-12

Application---------- 13-14

Agent Authorization Form---------- 15

Green Sheet---------- 16

LICENSED SOIL SCIENTIST
Samuel E. Rollins
1231
STATE OF NORTH CAROLINA

February 3, 2021
Project No. 20-0091
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 DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- 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.
- 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 beginning trenches.
- Pumptank riser should be 6" above grade, control panel should be 12" above grade.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as an Accepted 25% reduction installation w/Pressure Manifold.
- Repair is specified as a PPBPS installation with Low Pressure Distribution.
- Rake trench walls, lime sidewalls, install trenches 36" wide and have no more than 1/4" fall in 10 feet.
- Tanks must be 100ft from any well; traffic rated tanks required for greater than 36" cover.

RECEIVED MAR 30 2021

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: ( ) 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: Nest Homes, LLC **Address:** 236 Raceway Dr St 7 Mooresville NC **Zip:** 28117

Applicant Email: tcarr@nesthomes.com **Phone:** 704-402-8594 **Alt. Phone:** _____

Owner Name: Helmsman Homes, LLC **Address:** 236 Raceway Dr St 7 Mooresville NC **Zip:** 28117

Owner Email: tcarr@nesthomes.com **Phone:** 704-402-8594 **Alt. Phone:** _____

Property Information:

Street Address: 126 Ridge Creek Dr - Troutman

Subdivision Name: Rocky Creek Cover **Section/Phase:** _____ **Lot Number:** 53

Driving Directions: Perth Rd to Clontz Hill Rd to Ridge Creek Rd

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

CHECK FOUNDATION TYPE

(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: 4
( ) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
(x) 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 (x) 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: Tim Carr 3/29/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

RECEIVED FEB 10 2021

Session Law

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

AP-314859 Paid $1200.00

Application For:

(X) Septic Improvement Permit ( ) New Well Permit ( ) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) 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* (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: HH Wiltshire Holdings LLC Address: P.O. Box 3965 Mooresville NC Zip: 28117

Applicant Email: mwetterau@nesthomes.com Phone: 704.202.1524 Alt. Phone: _____

Owner Name: Same Address: Same Zip: Same

Owner Email: Same Phone: Same Alt. Phone: _____

Property Information:

Street Address: 126 Ridge Creek Dr.

Subdivision Name: Rock Creek Cove Section/Phase: SHT 1 Lot Number: 53

Driving Directions: Perth Rd to Clontz Hill Rd, Ridge Creek Dr, 126 Ridge Creek Dr. will be on right.

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

( ) [redacted]
(✓) 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: _____

( ) 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: _____ 2/5/21

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)

X **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) Tim Carr _____

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.

_____ 3/29/2021

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 DEPARTMENT OF ENVIRONMENTAL HEALTH

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, Alt Wiltshire Holdings LLC/Michael Weller, am the legal owner(s) of the property located at 126 Ridge Creek Dr. Troutman NC 28166, identified as PIN (Parcel Identification Number) 4740011338, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) SFS / Ashley Rollins, 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.

Signature of Owner(s) — Date 2/4/21

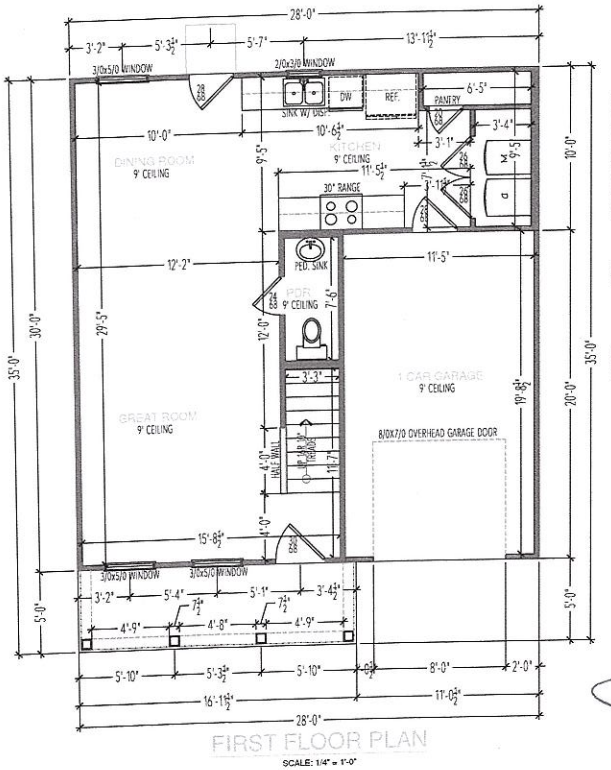
Signature of Witness — Date 2/4/21

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

WALL STUD REQUIREMENTS	
EXT. WALL HEIGHT (h)	STUD SIZE AND SPACING
h < 10'-0"	2x4 @ 16" O.C.
10'-0" < h <11'-0"	2x4 @ 12" O.C.
11'-0" < h < 18'-0"	2x6 @ 16" O.C.
h > 18'-0"	CONSULT ENGINEER



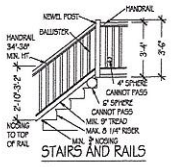
FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

35'

28'

1. STAIRWAYS SHOULD BE NO LESS THAN 36" IN WIDTH
2. THE LENGTH OF RUN AND HEIGHT OF RISER SHALL NOT VARY MORE THAN ⅜" IN ENTIRE RUN OF STAIRS
3. STAIRS ARE REQUIRED TO BE ILLUMINATED
4. OPEN RISERS PERMITTED IF OPENING IS LESS THAN 4"
5. GUARDRAIL REQUIRED ON DECKS AND STAIRWAYS MORE THAN 30" ABOVE GRADE OR FLOOR BELOW
6. Handrails with a circular cross section shall have an outside diameter of not less than 1 ¼" and not greater than 2". If the handrail is not circular, it shall have a perimeter dimension of not less than 4 inches (102 mm) and not greater than 6 ¼" with a cross section of dimension of not more than 2 ¼" . Edges shall have a radius of not less than 0.01 inch



STAIRS AND RAILS

Acknowledgement of Plans Submittal ONLY!

Date 3-24-21

Date 4/1/21

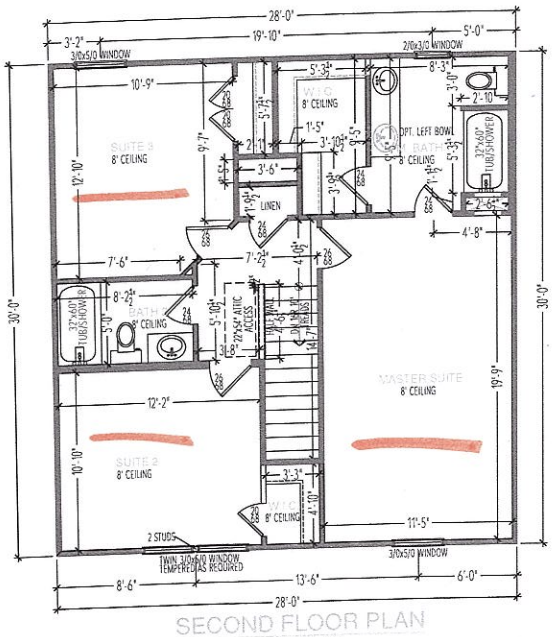
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SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

Acknowledgement of Plans Submittal ONLY!

Date 3-24-21

Date 4/1/21

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IREDELL COUNTY · NC

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

APPLICATION NUMBER
314859 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4740011338.000	126 RIDGE CREEK DR	Iredell County

Owner Information	Applicant Information
Name: HH WILTSHIRE HOLDINGS LLC	Name: HELMSMAN HOMES
Address:	Address: PO BOX 3965 MOORESVILLE, NC 28117
Phone:	Phone:

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0	35	35	15	15	WSIV-CA Catawba/Lake Norman	

Remarks
SFD NEEDS ZONING DISCLAIMER& EH APPS SENT TO RONDA BY APPLIC

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: 02/10/2021

Signature of Owner/Contractor

Permit Number	314859	TOTAL FEES:	$77.25