ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # 314901

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

PIN # 4740 - 11 - 7596

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

SITE ADDRESS: 187 Ridge Creek Drive Troutman, NC 28166 | PHONE: 704 202-1524 | ALT. PHONE

SITE DIRECTIONS: South on Perth Rd on Chate @ Ridge Creek 6t on Left. | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Rocky Creek Cove | SECTION: - | LOT # 17 | LOT AREA: 115 x 200 | DESIGN FLOW: 360 | L.T.A.R.: .4

Septic Tank	1000 (gal)	STB	SHOAF 760	Date	7/20	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms	3	Water Supply
Pump Tank	(gal)	PT		Date		System Description:	Gravity - 25% Reduction	[ ] Business	No. Persons	6	[X] Private
Pump Make		Model		Serial #		Repair System Description:	Gravity - 25% Reduction	[ ] Other	No. Employees		[ ] Public
# Nitrification Fields	1	# Lines	3	Linear Ft:	272	Maintenance Agreement Required:	[ ] YES [X] NO	[X] Slab	[ ] Crawl Space		[ ] Community
Trench Width	36	Trench Bottom Depth (inches)	C36 in rock	Gravel Depth		[X] GRAVITY	[ ] PRESSURE	[ ] Basement w/plumbing		[ ] Basement w/o plumbing	

Comments / Conditions:

Tanks good - no filter 9/17/21, 191 off house
Tank being moved as of 9/20/21 JF

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 PA

LSS # 1231

Dated 2/6/2021

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.

As Built Attached

SCANNED

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.*

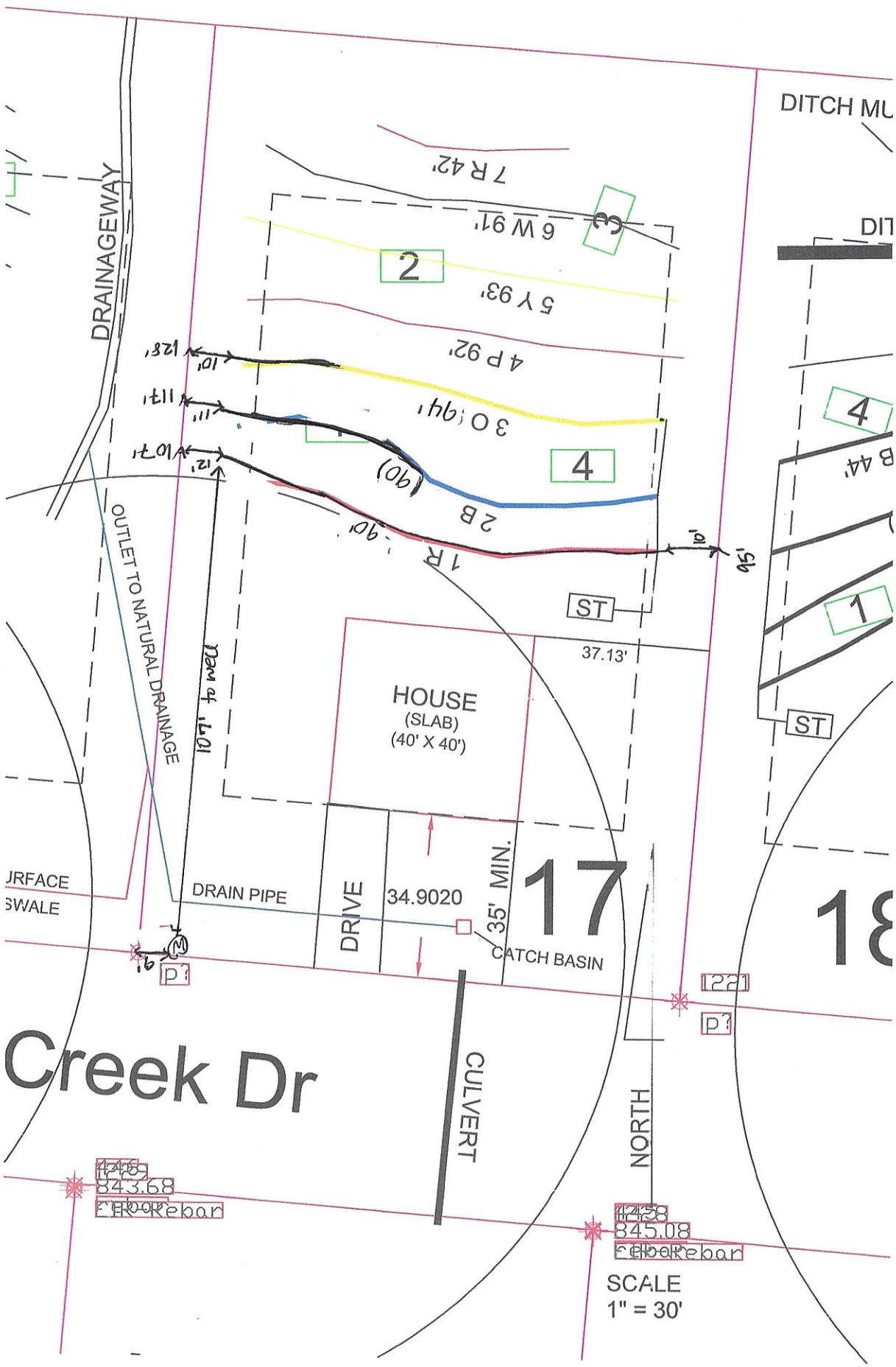
Owner / Applicant Signature: [signature] Date: 3/19/21 | Installed by: Specialty Septic

IMPROVEMENT PERMIT by: Benjamin A. Bobbitt Date: 3/10/2021 | OPERATION PERMIT by: Cory White Date: 9/27/21

AUTHORIZATION TO CONSTRUCT by: D. Wieberg 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.

As Built - 187 Ridge Creek



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

Sheet 1 of 1
PROPERTY ID #: 4740117596
COUNTY: IREDELL

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

OWNER: [redacted] HH Wiltshire Holdings, LLC
ADDRESS: PO Box 5965 Mooresville NC 28117
PROPOSED FACILITY: RESIDENCE - 3BR PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: LOT 17 ROCKY CREEK CONE

APPLICATION DATE
DATE EVALUATED: 7/22/16
PROPERTY SIZE: .53
PROPERTY RECORDED: 12/4/15

WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	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
1	L/5%	0-8	B SL Gr	Fr SS SP	N/A	30"	PS		.3 <30" .4 >30"
		8-18	YB C WMS	Fr SS SP					
		18-30	Y CL WMS	Fr SS SP					
		30-70	VAR L MASS	VFr NS NP					
2	L/4%	0-9	B SL Gr	Fr SS SP	N/A	40"	PS		.3
		9-15	RB CL WMS	Fr SS SP					
		15-30	BR C WMA	Fr SS SP					
		30-40	BR CL WMA	Fr SS SP Com SAP					
		40-60	VAR L MASS	VFr NS NP					
3	L/5%	0-8	B SL Gr	Fr SS SP	N/A	35"	PS		.3
		8-27	BR C MMA	Fr SS SP					
		27-35	BR CL WMS	Fr SS SP Common SAP					
		35-60	VAR SL MASS	VFr NS NP					
4	L/5%	0-6	B SL Gr	Fr SS SP	N/A	27"			.4 >27"
		6-27	BR CL WMA	Fr SS SP					
		27-60	VAR L MASS	VFr NS NP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	.3 - .4	.3

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

LICENSED SOIL SCIENTIST — JAMES W. WELDELL — 1218 — STATE OF NORTH CAROLINA

COMMENTS: .4 > 27" Trench Depth

Updated February 2014

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0091
February 6th, 2021

HH WILTSHIRE HOLDINGS, LLC
Attn: *Michael Wetter*
Email: mwetter@nesthomes.com

RE: Soil & Site Evaluation for a 3 Bedroom Residence on Lot 17 Rocky Creek Cove Subdivision, .53 ac Parcel, PIN# 4740117596, 187 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. There is a small drainageway on the right side of the property. See Site Plan in the design for drainage requirement for diversion of surface water via catch basin, piping. 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 Survey ng.

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 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 or boring. 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.

187 Ridge Creek Drive (*See Attached Design*)
The septic layout for this lot (5' centers) yielded a total of 597 linear feet of line. The primary system is proposed as 272 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 inches. The repair system is proposed as 318 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. 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. WETHERS
Signature _____ 2/9/21

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 17 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 Septic System with gravity dist. for a 3 bedroom single family residence on Lot 17 Rocky Creek Cove Subdivision, Troutman 28166, Iredell County, NC. PIN#: 4740117596

Contents: **Page**

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

Design Information

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

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

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

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

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

Zoning Permit & Receipt---------- 8-10

Application---------- 11-12

Green Sheet---------- 13

Agent Authorization Form---------- 14

LICENSED SOIL SCIENTIST Samuel A. Rollins 1231

2/6/2021
Project #: 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 NC 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.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a gravity 25% reduction (Accepted) installation.
- **See Site Plan for Drainage Requirements**

GRAVITY ACCEPTED 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: 187 Ridge Creek Drive
Troutman NC 28166

Source of Wastewater Flow: 3 Bedroom Single Family Residence

Estimated Gallons Per Day Flow: 360

System Flow: N/A

Design Specifications

Drainfield Size: 272

Loading Rate (gpd/ft.^{2}): 0.4

Depth of Gravel in Trench: N/A

Gravel Size: N/A

Max.Trench Depth: 36 in. Repair Trench Bottom 36 in.

Trench Width: 36 in.

Septic Tank Size: 1000

Estimated Supply Line Length: 24

Supply Line Diameter: 4 in. SCH 40 PVC

Supply Line Volume: 15.67

Dosing Volume: N/A

Supply Manifold: N/A

Supply Manifold Length: N/A

Supply Manifold Volume: N/A

Recommended Float Controls: N/A

Recommended Control Panel: N/A

Pressure Head: N/A

Friction Head: N/A

Elevation Head: N/A

Total Dynamic Head: N/A

Threaded Union: N/A

Gate Valves: N/A

Check Valves: N/A

Anti-Siphon Hole: N/A

Additional Comments: Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA

187 Ridge Creek Drive

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.4
TOTAL AREA TRENCH BOTTOM.	816
TOTAL LATERAL LENGTH:	272
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	225
SUPPLY LINE LENGTH:	24
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Layout Specifications - Rocky Creek Cove - Lot 17

Project #: 20-0091

LAYOUT FOR 3 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	2/6/2021 DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***RED***					*93*	*88*
2	***BLUE***					*94*	*92*
3	***ORANGE***					*92*	*92*
4	PINK					92	92
5	YELLOW					93	93
6	WHITE					91	91
7	RED					42	42
					Total	597	590

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
** System*	*272*	*0.400*	*Accepted*	*0.400*	*25% RED*	*GRAVITY*	36"
Repair	318	0.300	Accepted	0.300	25% RED	GRAVITY	36"

Notes: **All measures in feet

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

**Nitrification lines were located by GPS and tape measure.

** House, Property corners & lines located by survey (Jordan-Grant Surveyors)

CALCULATIONS

Location 187 Ridge Creek Drive
Troutman NC 28166
Project Number 20-0091

Lot No: 17

No. of Bedrooms 3

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

LTAR 0.400 $^{gal}/_{ft^2\ day}$

PPBPS? (YES OR NO) NO

Supply Line Length 24 ft.

Supply Line Volume 15.672 gal.

Required Feet of Line 225 ft.
Amount of Line from Layout 272 ft.

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

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

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

Tank Draw Down N/A

Pump Run Time

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

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

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

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: 187 Ridge Creek Dr - Troutman

Subdivision Name: Rocky Creek Cover **Section/Phase:** _____ **Lot Number:** 17

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

3/29/2021
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.

_____ _____
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

RECEIVED FEB 11 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM AP-314901 Session Law

Application For:
( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

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

Page 2: *Site Plan Worksheet* form MUST accompany this application Paid $500.00

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: mwetterg@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: 187 Ridge Creek Dr, Troutman NC 28166
Subdivision Name: Rocky Creek Cove Section/Phase: _____ Lot Number: 17
Driving Directions: S on Perth, Lt on Clontz, Rt on Ridge Creek Dr, Lot on Lt

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

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

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 (X) Other: Accepted

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: _____ 2/6/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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, HH Wiltshire Holdings LLC/Michael Welter, am the legal owner(s) of the property located at 187 Ridge Creek Drive, Troutman NC 28166, identified as PIN (Parcel Identification Number) 4740117596, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) SFS / Ashley Rollens, 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 2/9/21

Signature of Witness — Date 2/9/21

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

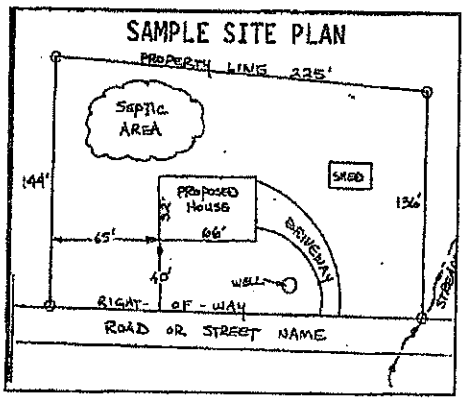
Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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

ATTACHED

Signature: Tim Carr

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

3/29/2021

DATE

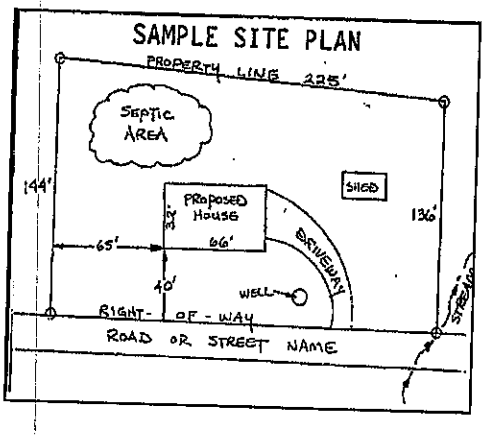
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

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

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

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



Circle N/A on the following if appropriate:

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

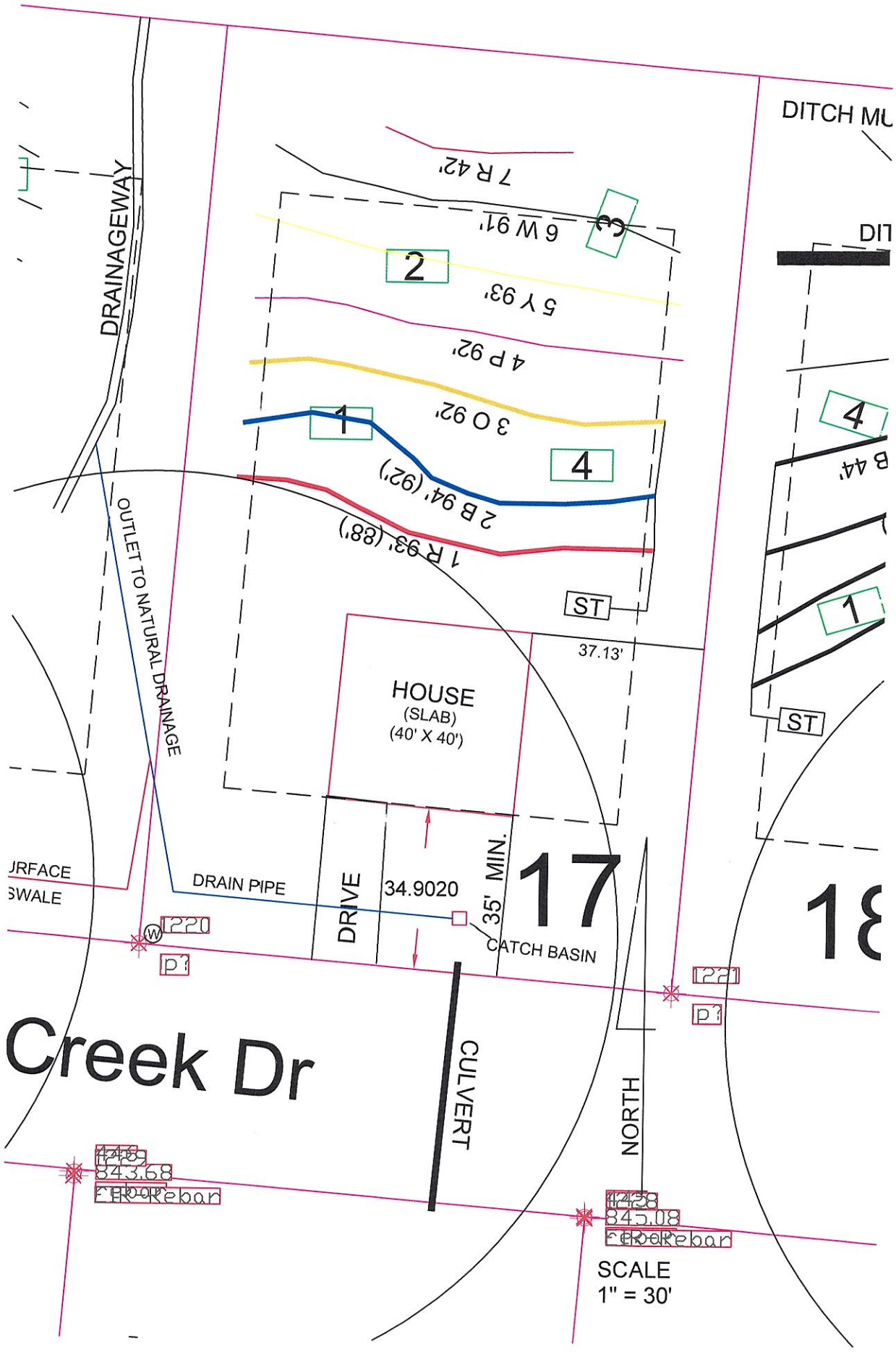
USE THIS SPACE TO DRAW YOUR SITE PLAN

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

See Attached

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

2/6/22
DATE

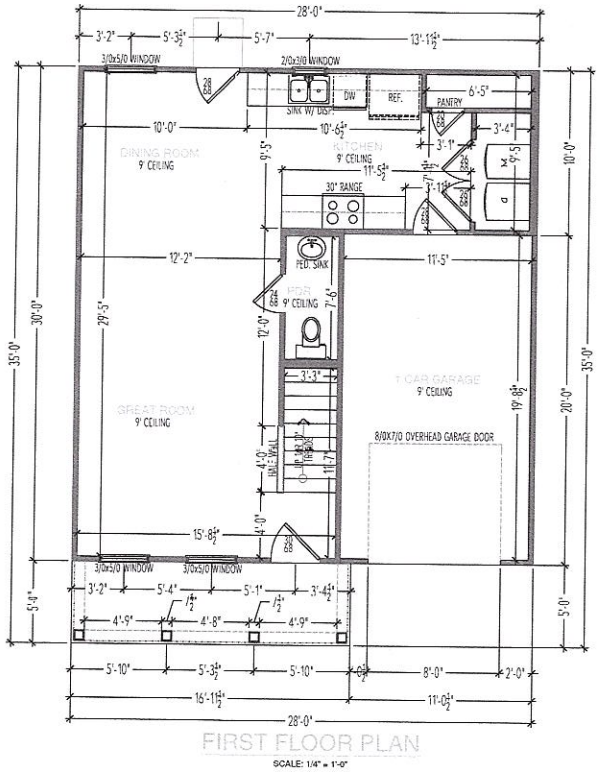

DRAINAGEWAY
OUTLET TO NATURAL DRAINAGE
DRAIN PIPE
DRIVE
34.9020
35' MIN.
CATCH BASIN
HOUSE
(SLAB)
(40' X 40')
37.13'
ST
CULVERT
NORTH
SCALE
1" = 30'
17
18
Creek Dr
DITCH MU
7 R 42'
6 W 91'
5 Y 93'
4 P 92'
3 O 92'
2 B 94' (92')
1 R 93' (88')
1
2
3
4
843.68
845.08

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

Acknowledgement of Plans Submittal ONLY

Date 3-24-23

Date 4/1/23



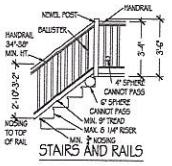
FIRST FLOOR PLAN

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

35'

25'

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

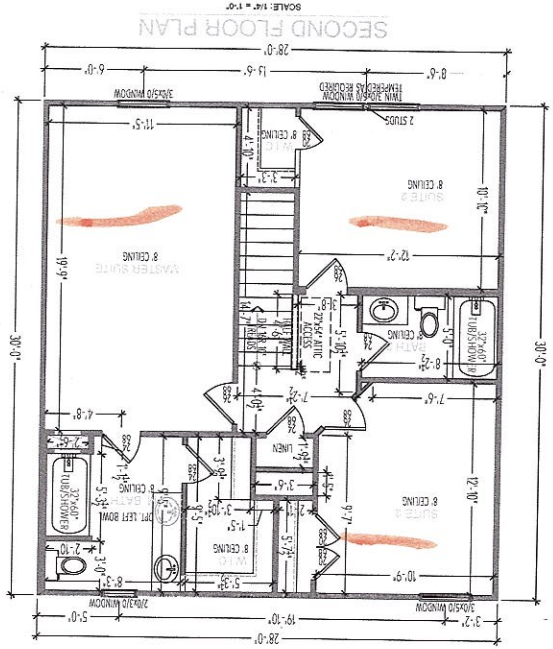
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(2) 2X1
(2) 2X1
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(2) 1¾"
(2) 1¾"
ALL TF

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PLAN)
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SPANS >4'-0"
SPANS >5'-0"
SPANS >6'-6"



Acknowledgement of Plans Submittal ONLY!

Date 3-29-21

Date 4/1/21

IREDELL COUNTY · NC

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

APPLICATION NUMBER
314901
Issue Date: 02/11/2021

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4740117596.000	187 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	NO

Remarks
SFD

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

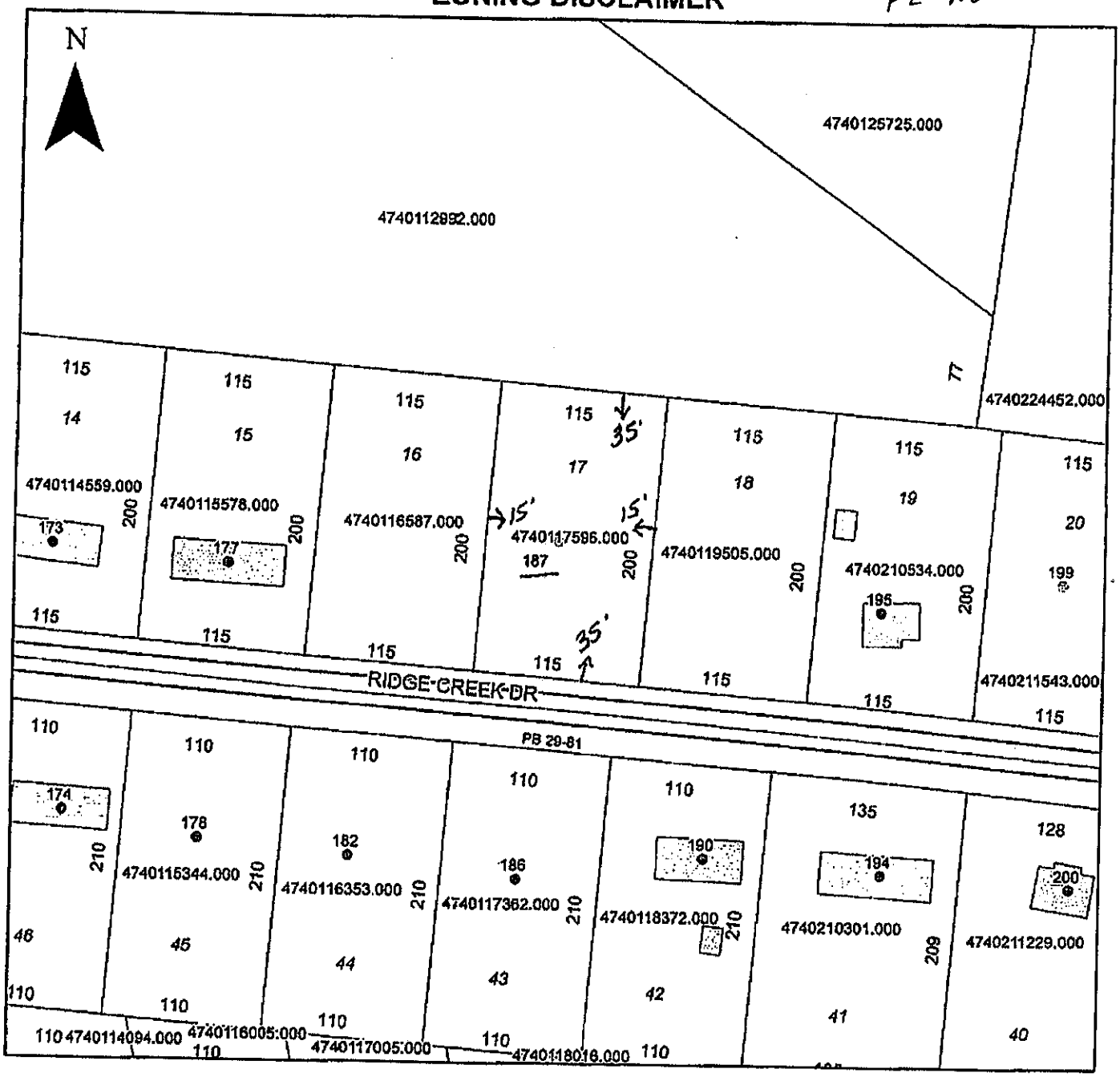
Date: 02/11/2021

Permit Number	314901

TOTAL FEES:	$77.25

RA 0.53 AC
WS IV CA C/LN
FL- NO

ZONING DISCLAIMER



Property Address 187 Ridge Creek Dr.

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

J. Michael Hatley Jr.

Applicant

2/11/21

Date