ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # 312185

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

PIN # 4761 -01 -2795

APPLICANT/OWNER: Iron North Homes LLC / Garrison Davis APPLICANT ADDRESS: 631-300 Brawley School Rd, Mooresville NC 28117.

SITE ADDRESS: 139 Treetop Ln Troutman NC 28166 PHONE: ALT. PHONE

SITE DIRECTIONS: Ostwalt Amity Rd, Weathers Creek Treetop Ln 139 on Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Oak Ridge SECTION: 2 LOT # 23 LOT AREA: 1.6258 AC DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank	1000	(gal)	STB	160	Date	1-21-2021	☒ New System	☐ Repair	☐ Expansion
Pump Tank	-	(gal)	PT	-	Date	-	System Type: I II III IV V VI		
Pump Make	-	Model		-	Serial #	-	System Description:	Gravity -25% Reduction	
# Nitrification Fields	1	# Lines	5		Linear Ft	400	Repair System Description:	PPBPS- 50% Reduction	
Trench Width	36	Trench Bottom Depth (~~inches~~)		26 in max	Gravel Depth	—	Maintenance Agreement Required:	☐ YES	☒ NO
								☒ GRAVITY	☐ PRESSURE

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

Water Supply
☒ Private
☐ Public
☐ Community

Comments / Conditions: If foundation drains used all setbacks must be met

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 PM Coulson PH

LSS # 1231

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.

S

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**

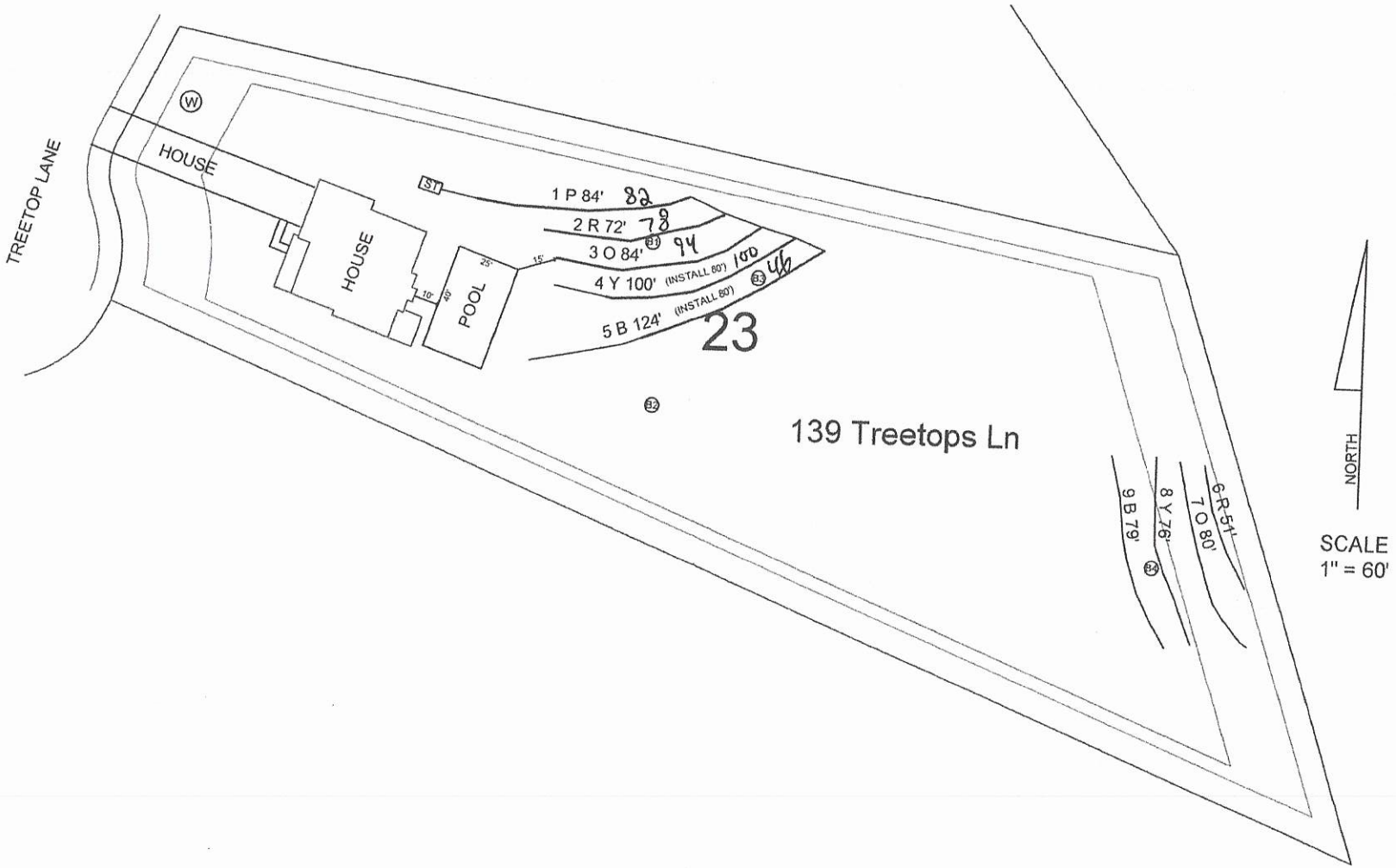
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 11/5/20 Installed by: (Russell Williams) Wastewater Solutions & Design

IMPROVEMENT PERMIT by: Benjamin A Butler Date: 11/5/2020 OPERATION PERMIT by: Date: 2-26-2021

AUTHORIZATION TO CONSTRUCT by: Benjamin A Butler Date: 11/5/2020 Existing System Inspected by: Date:

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


TREETOP LANE
HOUSE
HOUSE
POOL
ST
1 P 84' 82
2 R 72' 78
3 O 84' 94
4 Y 100' (INSTALL 60') 100
5 B 124' (INSTALL 60') 46
23
139 Treetops Ln
6 R 51'
7 O 80'
8 Y 78'
9 B 79'
NORTH
SCALE
1" = 60'

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

Sheet 1 of 1
PROPERTY ID #: 4776101879
COUNTY: Iredell

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

OWNER: Garrison Davis (Buyer)
ADDRESS: 631-300 Brawley School Rd, Mooresville NC 28117
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 139 Treetop Lane Troutman NC 28166
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut

APPLICATION DATE
DATE EVALUATED: 10/12/20
PROPERTY SIZE: 1.62
PROPERTY RECORDED: Yes

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
B1	L/5%	0-6	BSL Gr	Fr SS SP SE XP		48	—	—	PS .325
		6-24	BRC wf sbk	" "	Few SAP				
		24-48	RBCL wf sbk	" "	C. SAP				
B2	L/6%	0-4	BSL Gr	Fr SS SP SE XP		48	—	—	PS .325+ Deep only
		4-20	BRC wms bk	" "	C. Fe Depl				
		20-48	RBCL/SCL vwf sbk	Fr SS SP	C. Fe Depl 6-17 C. SAP Incr. to Many				
B3	L/6%	0-8	BSCL wf sbk	Fr SS SP SE XP		48	—	—	PS .3-.325
		8-24	BRC wms bk	Fr SS SP SE XP	Few SAP				
		24-42	RBCL/SCL vwf sbk	" "	C to Many SAP Incr				
		42-48	UPR SL mass	Fr SS SP					
B4	L/6%	0-4	BCL wms bk	Fr SS SP SE XP		48	—	—	PS .3-.325
		4-29	BRC wms bk	" "	Few SAP Incr.				
		29-48	RBCL wf sbk	Fr SS SP SE XP	C SAP				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Mod. Conv.
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: S. Ashley Rollans
OTHER(S) PRESENT: Chad Wagner

COMMENTS: Need to level Terrace

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 4 bedroom single family residence at 139 Treetop Ln, Lot 23, Troutman 28166, Iredell County, NC. (PIN#:4761012795)

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
Survey	8
Zoning Permit & Receipt	9-11
Application	12-13
Green Sheet	14
Agent Authorization Form	15

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

October 27, 2020
Project #: 20-0113
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 50% reduction (PPBPS) system with low pressure distribution.
- Need to level terrace above bottom initial line (BLUE).

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant: Garrison Davis

Address: 631/300 Brawley School Road
Mooresville, NC 28117

Phone: 704.363.2845

County: Iredell

Location: 139 Treetop Ln
Troutman NC 28166

Source of Wastewater Flow: 4 Bedroom Single Family Residence

Estimated Gallons Per Day Flow: 480

System Flow: N/A

Design Specifications

Drainfield Size: 400

Loading Rate (gpd/ft.^{2}): 0.3

Depth of Gravel in Trench: N/A

Gravel Size: N/A

Max.Trench Depth: 26 in. Repair Trench Bottom 32 in.

Trench Width: 36 in.

Septic Tank Size: 1000

Estimated Supply Line Length: 15

Supply Line Diameter: 4 in. SCH 40 PVC

Supply Line Volume: 9.80

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

139 Treetop Ln

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1200
TOTAL LATERAL LENGTH:	400
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	400
SUPPLY LINE LENGTH:	15
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 - 139 Treetop Ln

Project #: 20-0113

LAYOUT FOR 4 BEDROOM HOME

October 27, 2020

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***PINK***					***84***	***84***
2	***RED***					***72***	***72***
3	***ORANGE***					***84***	***84***
4	***YELLOW***					***100***	***80***
5	***BLUE***					***124***	***80***
6	RED					51	51
7	ORANGE					80	80
8	YELLOW					76	76
9	BLUE					79	79
					Total	750	686

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
****System***	***400***	***0.300***	***ACCEPT.***	***0.300***	***25% RED***	***GRAVITY***
Repair	330	0.300	MOD. CONV.	0.300	50% RED	PPBPS

Notes: **All measures in feet

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

**Nitrification lines were located by GPS.

CALCULATIONS

Location 139 Treetop Ln
Troutman, NC 28166
Project Number 20-0113

Lot No: 23

No. of Bedrooms 4

Design Flow 480 $^{gal}/_{day}$

LTAR 0.300 $^{gal}/_{ft^2\,day}$

PPBPS? (YES OR NO) NO

Supply Line Length 15 ft.

Supply Line Volume 9.795 gal.

Required Feet of Line 400 ft.
Amount of Line from Layout 400 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

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0113
October 27th 2020

TRUNORTH HOMES, LLC
Attn: *Garrison Davis*
Email: garrison@trunorthhomes.com

RE: Soil & Site Evaluation for a 4 Bedroom Residence (Crawl Space) at Oak Ridge Subdivision, Lot 23, 1.62 ac Parcel, PIN# 4761012795, 139 Treetop Lane, Troutman, NC 28166.

Mr. Davis:

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 open/grass. Topography within the evaluated area was gently slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Bateman Civil Survey Co. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via Trimble Submeter GPS and used to produce the attached *Site Plan*. The house envelope was located via Survey by Bateman Civil Survey Co. The attached Survey provided has house setbacks to property lines.

Methodology

We evaluated soil areas through the use of hand augers. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with four boring locations on the property flagged and located via GPS. All four of the soil borings are located in 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 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. Detailed system & repair information is summarized in the following paragraph for this Lot.

DocuSign Envelope ID: 9072FBEC-15C6-4ECA-8029-A4A5F15CAA92

Lot 23 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 750 linear feet of line. The primary system is proposed as 400 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 26 inches. The repair system is proposed as 267 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. There is 330 linear feet available for repair. Trench depth is specified at 32 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 Garrison Davis

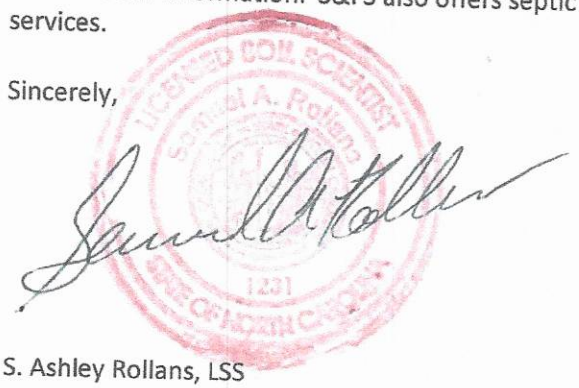
Signature DocuSigned by: Garrison Davis 1C1F2C1C7B4BEF... 10/27/2020

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 Lots 23 of Oak Ridge 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,



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

DocuSign Envelope ID: 23C9CAB4-377B-4D78-8F8E-7F39B3A173AC

Lot 23 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 750 linear feet of line. The primary system is proposed as 400 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 26 inches. The repair system is proposed as 267 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. There is 330 linear feet available for repair. Trench depth is specified at 32 inches.

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Owner

Date

Print Name Abraham Wilson
DocuSigned by:
Signature Abraham Wilson 10/27/2020
7365610A3B5C4A8...

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)."

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Sincerely,

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

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

RECEIVED OCT 2 8 2020

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $500.00 AP-312185

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

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

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

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) *beside whichever is submitted if applicable* (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: TruNorth Homes LLC/Garrison Davis Address: 631-300 Brawley School Rd, Mooresville Zip: 28117
Applicant Email: garrison@trunorthhomes.com Phone: 704-363-2845 Alt. Phone: _____
Owner Name: Adam John Wilson Address: 1670 Jan Lan Blvd St. Cloud FL Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 139 Treetop Ln, Troutman NC 28166
Subdivision Name: Oak Ridge Section/Phase: SHT 1 Lot Number: 23
Driving Directions: Ostwalt Amity Rd, Weathers Creek Rd, Treetop Lane, 139 Treetop Ln will be on 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: 4
Maximum Number of Occupants: 8
(X) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) 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 ( ) 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: _____ 10/27/20
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

DocuSign Envelope ID: 1CFD7D2F-4653-4CF6-BDA3-0CA0777E6C7A

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

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*
In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☑ **2.** I, Adam John Wilson Irrevocable Trust, am the legal owner(s) of the property located at 139 Treetop Lane Troutman, NC 28166, identified as PIN (Parcel Identification Number) 4766 10127 95, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Tru North Homes, LLC _____, 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.

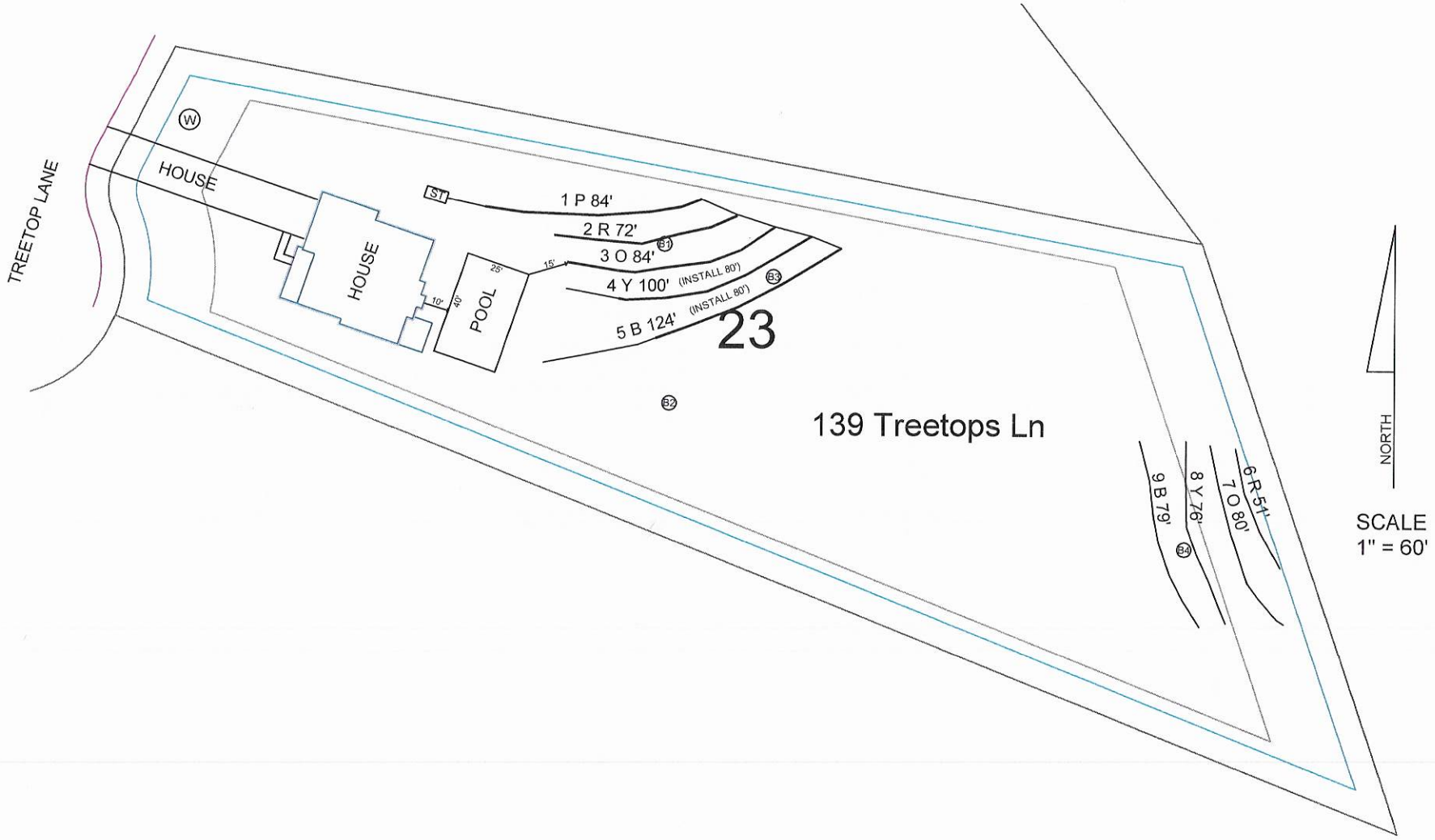
DocuSigned by:
Abraham Wilson
7365610A3B5C4A8...
Signature of Owner(s)

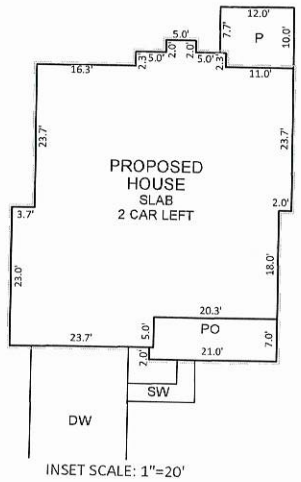
10/26/2020
Date

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


TREETOP LANE
HOUSE
HOUSE
POOL
ST
1 P 84'
2 R 72'
3 O 84'
4 Y 100' (INSTALL 80')
5 B 124' (INSTALL 80')
23
139 Treetops Ln
6 R 51'
7 O 80'
8 Y 76'
9 B 79'
NORTH
SCALE
1" = 60'



INSET SCALE: 1"=20'

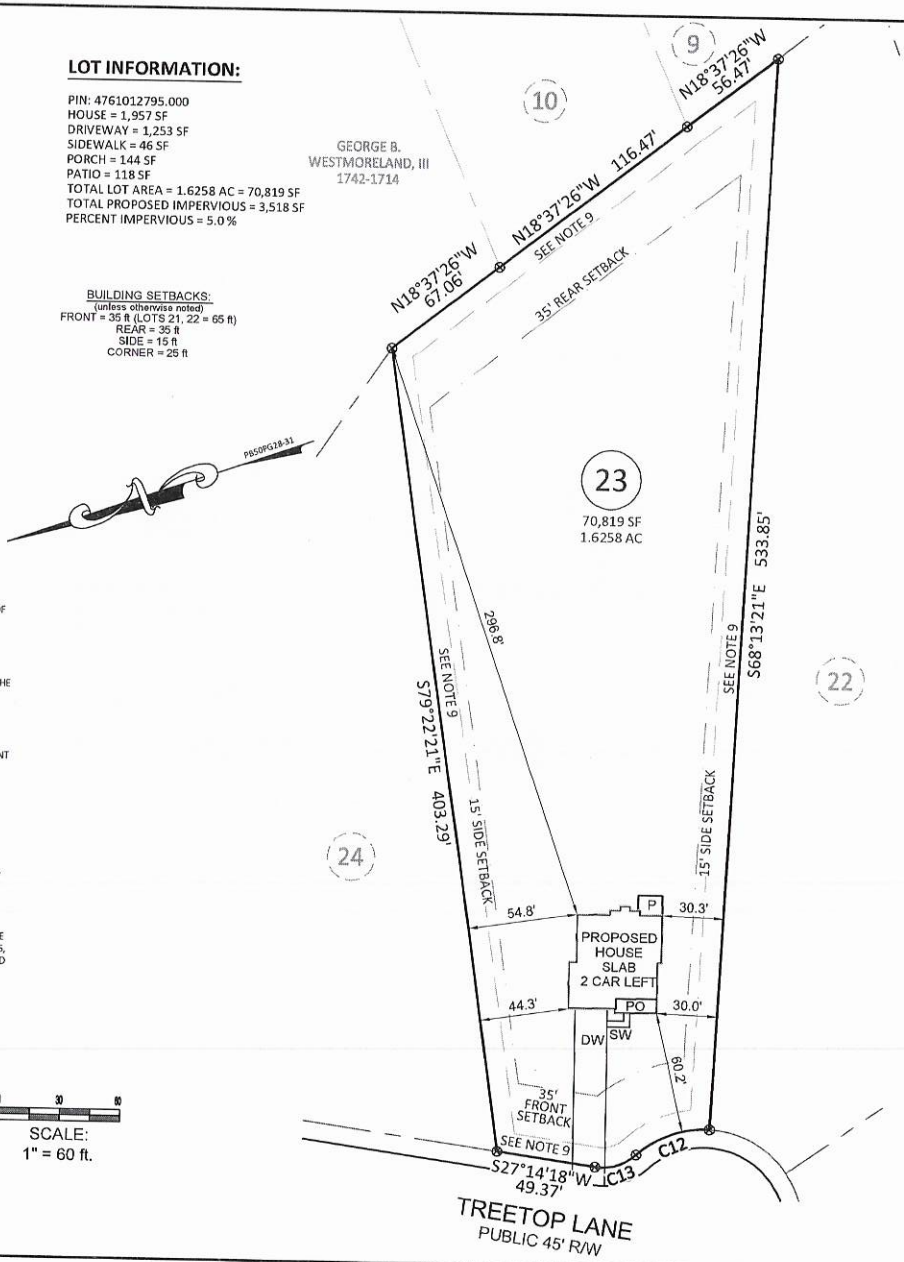
LOT INFORMATION:

PIN: 4761012795.000
HOUSE = 1,957 SF
DRIVEWAY = 1,253 SF
SIDEWALK = 46 SF
PORCH = 144 SF
PATIO = 118 SF
TOTAL LOT AREA = 1.6258 AC = 70,819 SF
TOTAL PROPOSED IMPERVIOUS = 3,518 SF
PERCENT IMPERVIOUS = 5.0 %

BUILDING SETBACKS:
(unless otherwise noted)
FRONT = 35 ft (LOTS 21, 22 = 65 ft)
REAR = 35 ft
SIDE = 15 ft
CORNER = 25 ft

GEORGE B.
WESTMORELAND, III
1742-1714

PB50PG28-31



NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
4. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
5. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
6. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
7. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
8. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
9. DRAINAGE & UTILITY EASEMENTS: FRONT, SIDE, REAR = 10'.
10. THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. MAP NO. 3710474000J AND 3710446000K, DATED JUNE 16, 2009. FLOODPLAIN AND FLOODWAY SHOWN HEREON ARE SCALED GRAPHICALLY FROM SAID PANEL.
11. ZONING: R-A
12. PROPERTY OWNER: TRUNORTH HOMES, LLC
631-300 BRAWLEY SCHOOL ROAD
MOORESVILLE, NC 28117

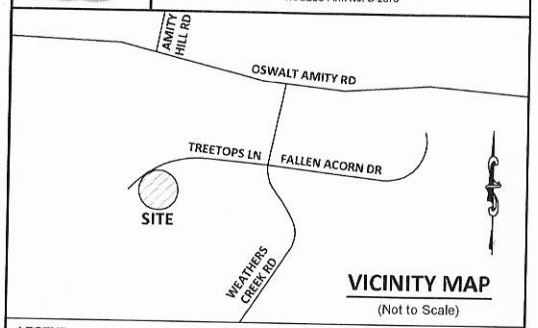
CURVE TABLE				
CURVE	LENGTH	RADIUS	CHD BEARING	CHORD
C12	39.48'	50.00'	N00°50'38"W	38.46'
C13	22.12'	25.00'	N01°53'12"E	21.41'

0 30 60
SCALE:
1" = 60 ft.

REVISIONS: MOVE HOUSE BACK 10' PER REQUEST; UPDATE PLOT PLAN 10-20-20 NMW

P:\2020 Projects\200600 Oak Ridge TruNorth\dwg\200600 Oak Ridge TruNorth.dwg, 10/20/2020 11:53:37 AM, nwalker

Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP
(Not to Scale)

LEGEND

PO = PORCH
P = CONCRETE PATIO
CP = COVERED PORCH/PATIO
SP = SCREENED PORCH/PATIO
WD = WOOD DECK
S = CONCRETE STOOP
SW = SIDEWALK
LW = LEADWALK
DW = CONCRETE DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND (IPF)
◉ = IRON PIPE SET (IPS)
WM = WATER METER
⋈ = WATER VALVE
CO = CLEAN OUT
AC = AIR CONDITIONER
Ⓢ = SEWER MANHOLE
EB = ELECTRIC BOX
CB = CABLE BOX
TB = TELECOMM BOX
CI = CURB INLET
DI = DROP INLET
YI = YARD INLET
= LIGHT POLE
= FIRE HYDRANT
HH = HAND HOLE COVER

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA.
L-4752
DATED:

PRELIMINARY

This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

BUILDER TO VERIFY HOUSE MODEL, LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

PRELIMINARY PLOT PLAN

FOR

TruNorth Homes, LLC

OAK RIDGE - PHASE 2 - LOT 23
139 TREETOPS LANE, TROUTMAN, NC
BARRINGER & CHAMBERSBURG TOWNSHIPS, IREDELL COUNTY

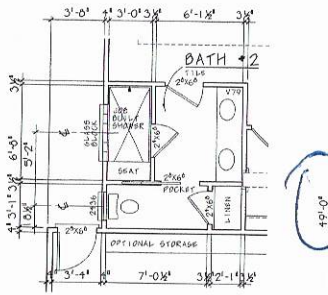
DATE: 10/14/20 DRAWN BY: NMW CHECKED BY: SPC

REFERENCE: PB 50, PG 28-31 PROJECT #: 200600 SCALE: 1" = 60'

Acknowledgement of
Plans Submittal ONLY!

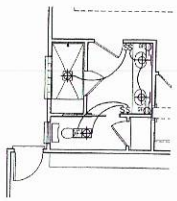
Date 10/31/20

Date 11/5/2020



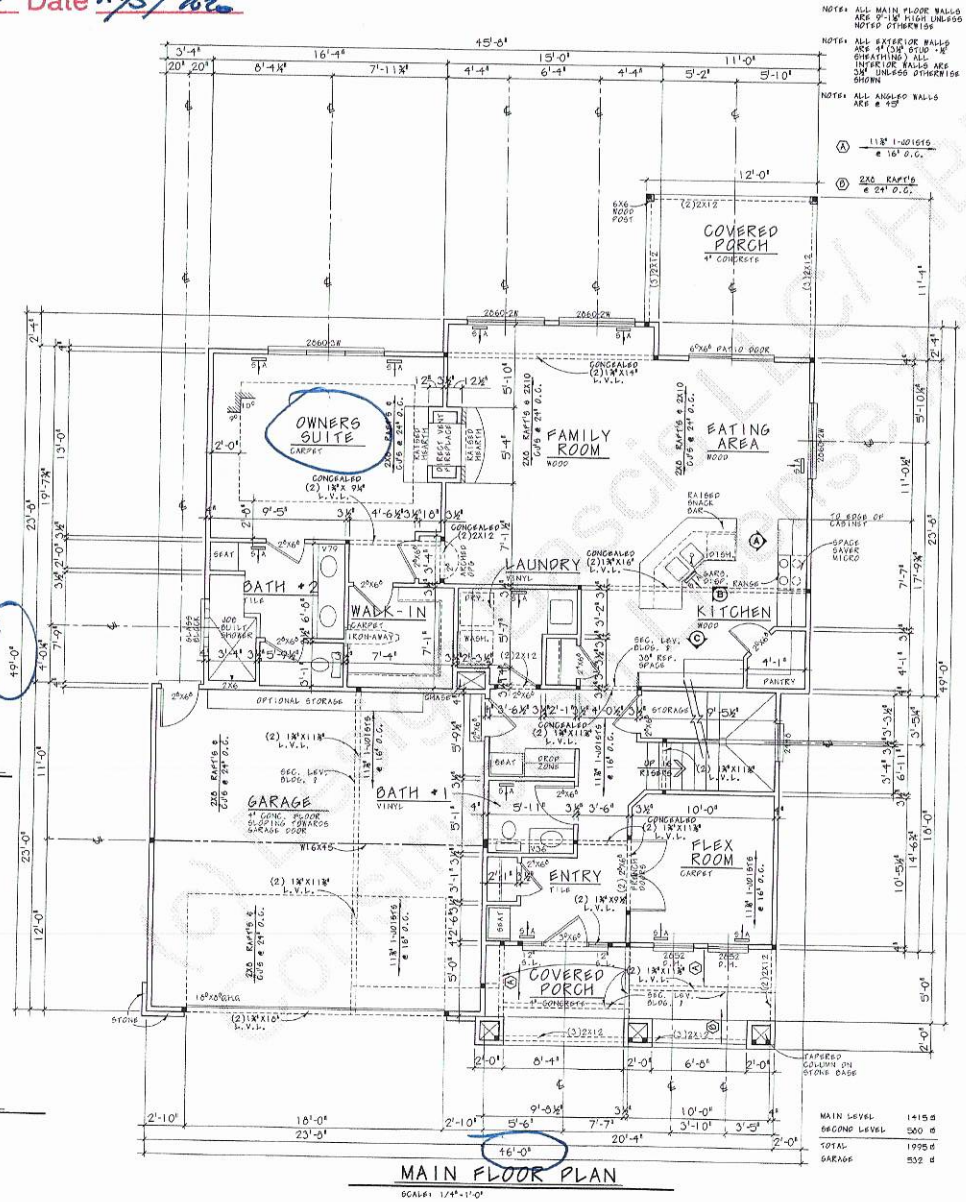
LUXURY BATH OPTION

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



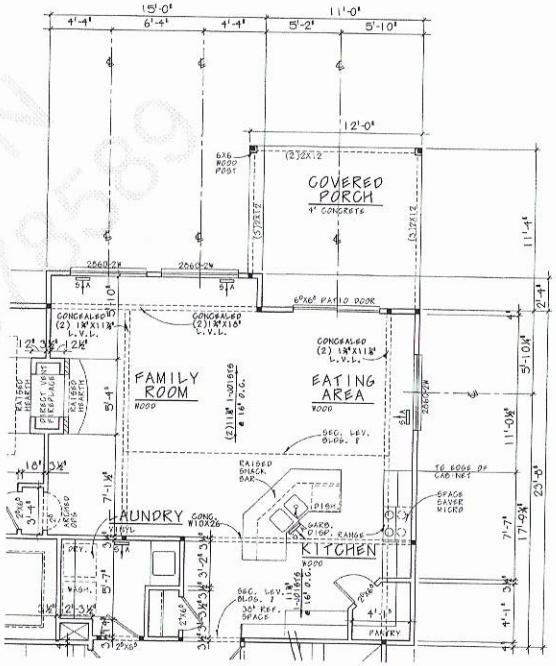
LUXURY BATH
OPTION ELECTRICAL

SCALE: 3/16" = 1'-0"



MAIN FLOOR PLAN

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



MAIN FLOOR PLAN W/
SECOND FLOOR OPTION

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

10/31/20

Municipal Use Only
Not for Construction

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SHEET 4 of 6

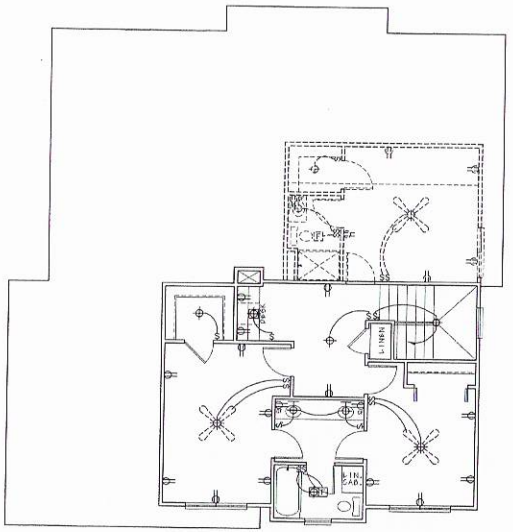
139 Treetop

Acknowledgement of Plans Submittal ONLY!

Date 10/31/20

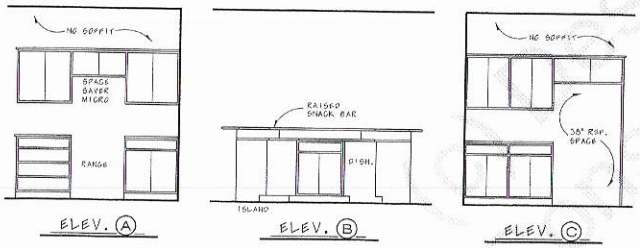
Date 11-3-20

10/31/20



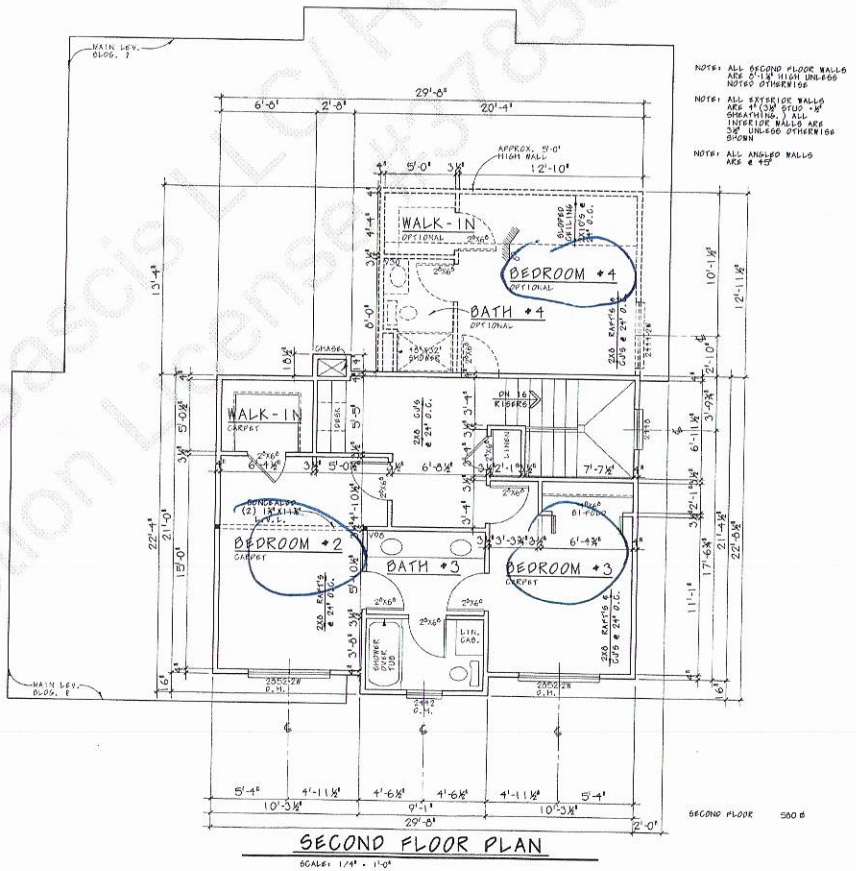
SECOND FLOOR ELECTRICAL

SCALE: 3/16" = 1'-0"



KITCHEN CABINET ELEVATIONS

SCALE: 3/8" = 1'-0"



SECOND FLOOR PLAN

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

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SHEET 5 of 6

IREDELL COUNTY · NC

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

APPLICATION NUMBER
312185 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4761012795.000	139 TREETOP LN	Iredell County

Owner Information	Applicant Information
Name: WILSON ADAM J IRREVOC TR	Name: ROLLANS SOIL & ENVIRONMENTAL SERVICES
Address:	Address: 470 NORTH BROAD STREET SUITE D MOORESVILLE, NC 28115
Phone:	Phone: (704)658-1723

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.6258	35	35	15	15	N/A	NO

Remarks
SFD waiting on apps

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

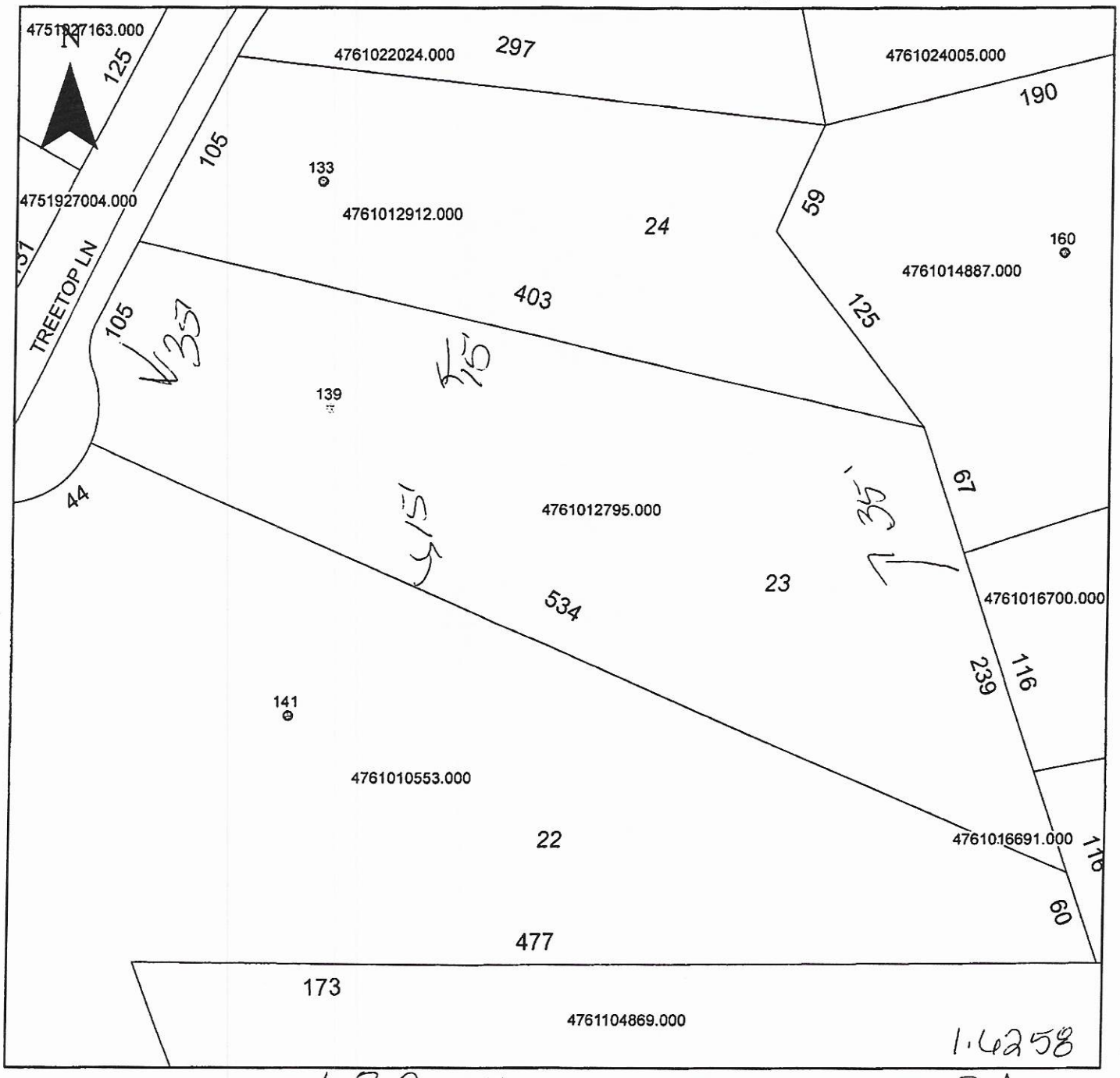
Date: 10/28/2020

Permit Number	312185

TOTAL FEES:	$77.25

ZONING DISCLAIMER

312185



Property Address 139 Treetop

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.

Sam Folk

Applicant

10/28/20

Date