ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP321000

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

PIN # 4730 -- 43 -- 1139

APPLICANT/OWNER: TruNorth Homes APPLICANT ADDRESS: 631/300 Brawley School Rd Mooresville NC 28117

SITE ADDRESS: 111 Holly Branch Lane, Troutman NC 28166. PHONE: ALT. PHONE

SITE DIRECTIONS: State Park Left on Honeycutt R on Holly Branch Lane SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Tremont SECTION: — LOT# 224 LOT AREA: .66 Ac DESIGN FLOW: 360 L.T.A.R.: .30

Septic Tank 1000 (gal)	STB 760	Date 10/8/21	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI		☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank — (gal)	PT —	Date —	System Description: Gravity - 25% Reduction		☐ Business	No. Persons 6	☒ Private
Pump Make —	Model —	Serial # —	Repair System Description: Gravity - 25% Red		☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 3	Linear Ft. 300	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space	☐ Community
Trench Width 36 in	Trench Bottom Depth(Low side) 30 in		Gravel Depth —	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

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

Soil & Forestry Services of the Carolinas, PA

LSS # 1231 Dated August 29th 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.

Installed as drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

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

Owner / Applicant Signature: Date: 9/20/21

IMPROVEMENT PERMIT by: Benjamin K Brown Date: 9/13/21

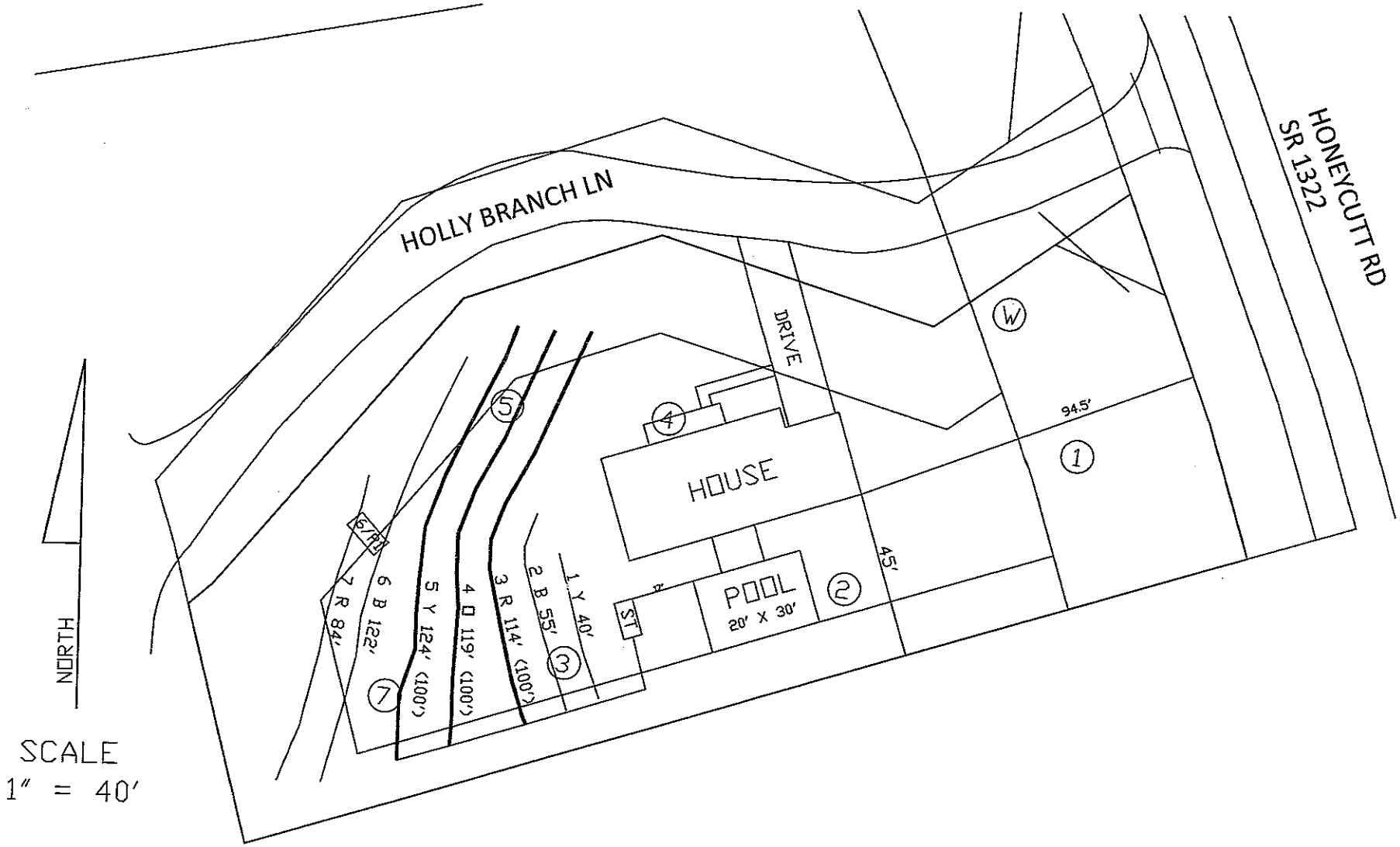
AUTHORIZATION TO CONSTRUCT by: Benjamin K Brown Date: 9/13/21

Installed by: (Russell Williams) Wastewater Solutions + Design

OPERATION PERMIT by: Cory Whitt Date: 12/9/21

Existing System Inspected by: Date:

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


HOLLY BRANCH LN
HONEYCUTT RD
SR 1322
DRIVE
HOUSE
POOL
20' x 30'
ST
94.5'
45'
1 Y 40'
2 B 55'
3 R 114' (100')
4 □ 119' (100')
5 Y 124' (100')
6 B 122'
7 R 84'
6/R
NORTH
SCALE
1" = 40'

DocuSign Envelope ID: 0F427930-1781-405C-9A4B-7A89E797A47E

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0059
August 29th, 2021

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

RE: Soil & Site Evaluation for a 3 Bedroom Residence (Slab) Tremount Subdivision, Lot 22A, 0.66 ac Parcel, PIN# 4730431139, 111 Holly Branch 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 wooded. 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 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 and one pit. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with seven boring locations on the property flagged and located via GPS. One pit was dug at B6 to verify saprolite suitability. Four of the seven soil profiles described 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/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. Detailed system & repair information is summarized in the following paragraph for this Lot.

DocuSign Envelope ID: 0F427930-1781-405C-9A4B-7A89E797A47E

111 Holly Branch Lane (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 658 linear feet of line. The primary system is proposed as 300 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 30 inches on the low side. The repair system is proposed as 300 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. There is 301 linear feet available for repair. Trench depth is specified at 28 inches on the low side.

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 DocuSigned by: Joseph Mcgregor 8/29/2021
Joseph McGregor Date

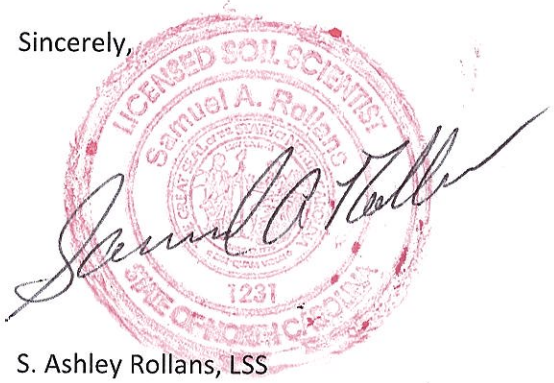
Print Name DocuSigned by: DEBRA SAINE MCGREGOR
Signature DEBRA SAINE MCGREGOR 8/29/2021

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 111 Holly Branch Lane, Troutman, NC 28166 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*

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 at 111 Holly Branch Lane, Troutman 28166, Iredell County, NC. LOT 22A

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---------- 7-8

Survey---------- 9

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

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

Green Sheet---------- 15

Agent Authorization Form---------- 16

Floor Plans---------- 17-18

LICENSED SOIL SCIENTIST Samuel A. Roller 1231 NORTH CAROLINA

August 29, 2021
Project #: 21-0059
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.

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:	111 Holly Branch Lane 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:	300	
Loading Rate (gpd/ft.^{2}):	0.3	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Trench Depth (LOWSIDE):	30 in.	Repair Trench Bottom 28 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	
Estimated Supply Line Length:	50	
Supply Line Diameter:	4 in. SCH 40 PVC	
Supply Line Volume:	32.65	
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	

111 Holly Branch Lane

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	900
TOTAL LATERAL LENGTH:	300
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	300
SUPPLY LINE LENGTH:	50
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 - 111 Holly Branch Lane

Project #: 21-0059

LAYOUT FOR 3 BEDROOM HOME

August 29, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	YELLOW					40	40
2	BLUE					55	55
3	***RED***					***114***	***100***
4	***ORANGE***					***119***	***100***
5	***YELLOW***					***124***	***100***
6	BLUE					122	122
7	RED					84	84
					Total	658	601

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH (LOWSIDE)
****System***	***300***	***0.300***	***ACCEPT.***	***0.300***	***25% RED***	***GRAVITY***	30"
Repair	301	0.300	ACCEPT.	0.300	25% RED	GRAVITY	28"

Notes: **All measures in feet

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

**Nitrification lines were located by GPS.

CALCULATIONS

Location 111 Holly Branch Lane
Troutman, NC 28166
Project Number 21-0059

Lot No: 22A

No. of Bedrooms 3

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

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

PPBPS? (YES OR NO) NO

Supply Line Length 50 ft.

Supply Line Volume 32.65 gal.

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

PROPERTY ID #: 4730431139
COUNTY: Frederi

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

OWNER: Garrison Davis / Tru North Homes (Buyer) APPLICATION DATE
ADDRESS: 681/300 Brawley School Rd, Mooresville NC 28117 DATE EVALUATED: August 2021
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: 0.66 ac
LOCATION OF SITE: 111 Holly Branch Lane, Troutman NC 28166 PROPERTY RECORDED: Yes
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
B1	L/3%	0-14	Bsl sr	FrSSSPSExP		18"	-	-	UN
		14-18	RBscl wfsbk	" " "					
		18"	AR	Rock					
B2	L/3%	0-10	Bsl sr	FrSSSPSExP		50	-	-	PS 0.3
		10-13	BRscl wfsbk	" " "					
		13-40	RCrvmsbk/fpbk	" " "					
		40-50	RBcl wfsbk	" " "	- fsap				
B3	L/4%	0-12	Bsl sr	FrSSSPSExP		50	-	-	PS 0.3
		12-43	RCrvmsbk/fpbk	" " "					
		43-50	RBcl wfsbk	" " "	- fsap				
B4	L/7%	0-10	Bsl sr	FrSSSPSExP		50	-	-	PS 0.275
		10-15	BRscl wfsbk	" " "					
		15-38	BRCrvmsbk/fpbk	" " "	- R(Tedep)				
		38-50	RBcl wfsbk	" " "	- fsap				

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

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

LICENSED SOIL SCIENTIST Samuel A. Rollans 1231

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: 4730431139
DATE OF EVALUATION: August 2021
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B5	L/20%	0-6	Bsl gr	FrSSSPSExP	f-csap	50	—	—	PS 0.325
		6-24	Rcwmsbk	" " " "					
		24-50	RBcl/scl mfsbk	" " " "					
B6/P1	L/22%	0-7	Bsl gr	FrSSSPSExP	f-csap	36	PS	—	PS 0.325
		7-12	RBcl mfsbk	" " " "					
		12-20	Rcwmsbk	" " " "					
		20-36	RBcl/scl mfsbk	" " " "					
		36-62	variable mass	" " " "					
B7	4/14%	0-12	Bsl gr	FrSSSPSExP	fsap	50	—	—	PS 0.3
		12-42	BRcwmsbk/RBbk	" " " "					
		42-50	RBcl mfsbk	" " " "					

COMMENTS:

Rec'd 9/1/21 AP 321000 Pd. $500.00 9/1/21

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Session Law / Gravity

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) 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 (✓) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Garrison Davis For North Homes **Address:** 631/300 Brawley School Rd Mooresville NC **Zip:** 28117

Applicant Email: Garrison@trunorthhomes.com **Phone:** 704 363 2845 **Alt. Phone:**

Owner Name: Joseph & Debra McGregor **Address:** 120 Holly Branch Lane Troutman NC **Zip:** 28166

Owner Email: **Phone:** **Alt. Phone:**

Property Information:

Street Address: 111 Holly Branch Lane, Troutman NC 28166

Subdivision Name: Tremont **Section/Phase:** — **Lot Number:** 22A

Driving Directions: State Park, Lt on Honeycutt, Rt on Holly Branch Lane

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence — Maximum Number of Bedrooms: 3 — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 6 — (✓) Concrete Slab Foundation
( ) Accessory Building — (✓) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:

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: Accepted

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: Garrison A. Davis 8/29/21

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

DocuSign Envelope ID: CD828CA4-F4A8-4EE9-955E-A36FED51BA14

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

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

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, Debra Mc Gregor Joseph Mc Gregor, am the legal owner(s) of the property located at 111 Holly Branch Lane Troutman, NC 28166, identified as PIN (Parcel Identification Number) 4730431139, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Soil & Forestry Services Ashley Rollins TruNorth Homes, LLC Garrison Davis 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:
Joseph Mcgregor
6B067F328CE9408...
Signature of Owner(s)

7/20/2021
Date

DocuSigned by:
DEBRA SAINE MCGREGOR
4938931EC0C54C2...

7/20/2021

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

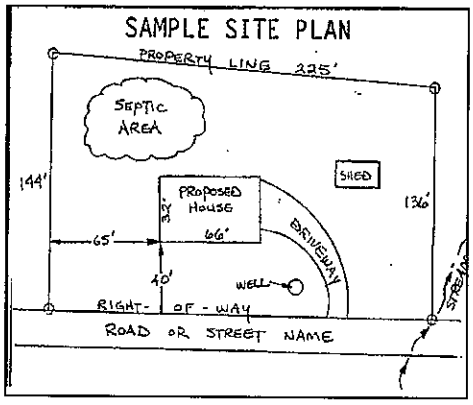
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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**
- ( ) **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

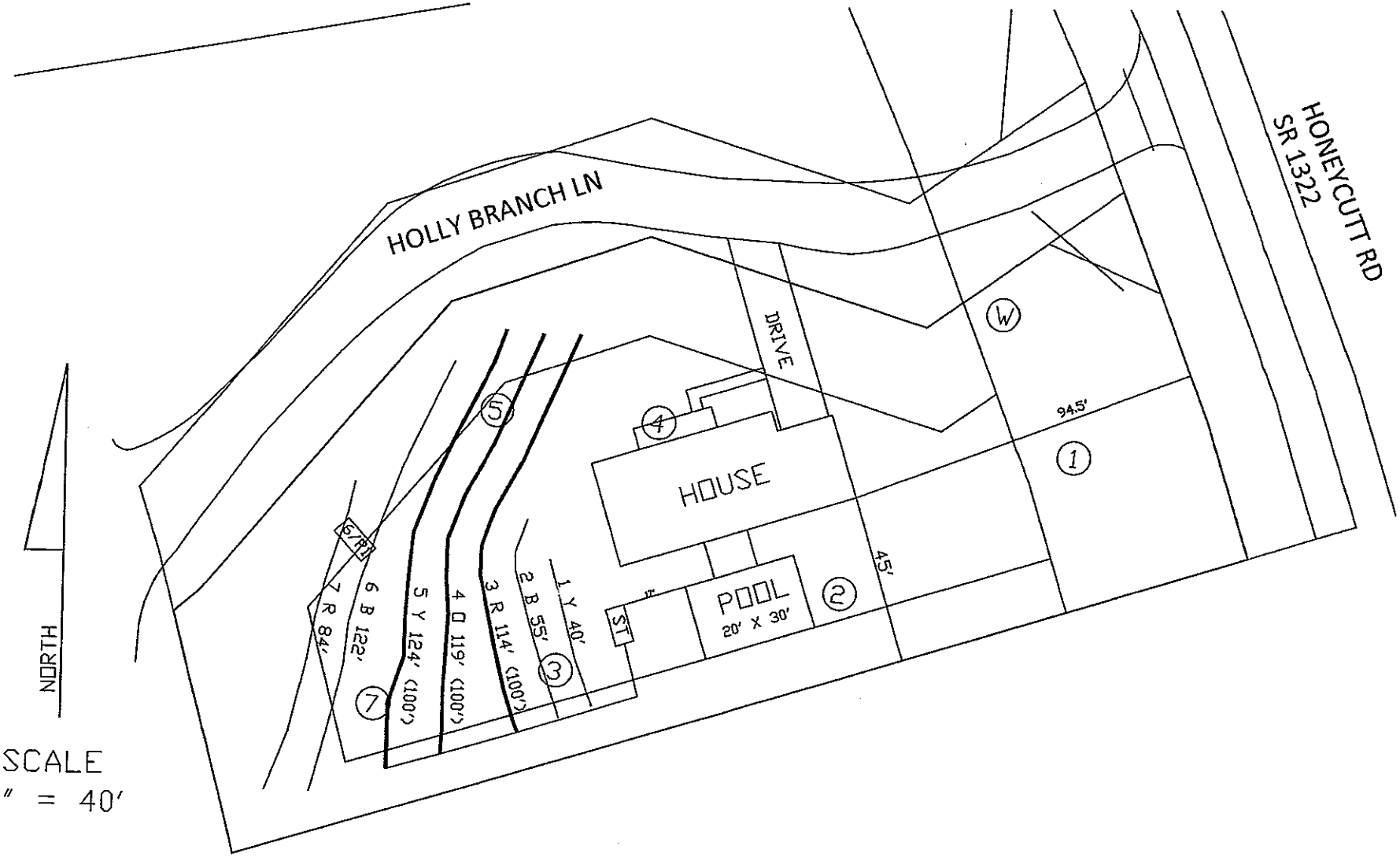
See Attached

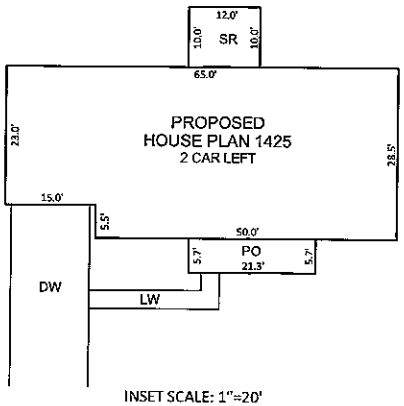
Signature: Laurel A Kallen

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

8/29/21

DATE


HOLLY BRANCH LN
HONEYCUTT RD
SR 1322
DRIVE
HOUSE
POOL
20' x 30'
ST
94.5'
45'
W
1
2
3
4
5
6
7
6 B 122'
7 R 84'
5 Y 124' (100')
4 O 119' (100')
3 R 114' (100')
2 B 55'
1 Y 40'
NORTH
SCALE
1" = 40'



INSET SCALE: 1"=20'

REFERENCES:
LINES LINES DRAWN FROM
DEED BOOK 2829, PAGE 2 OF PAGES 1825-1829
AND SEALED BOUNDARY SURVEY DONE
MAY 15, 2020 BY DON ALLEN & ASSOC., P.A.

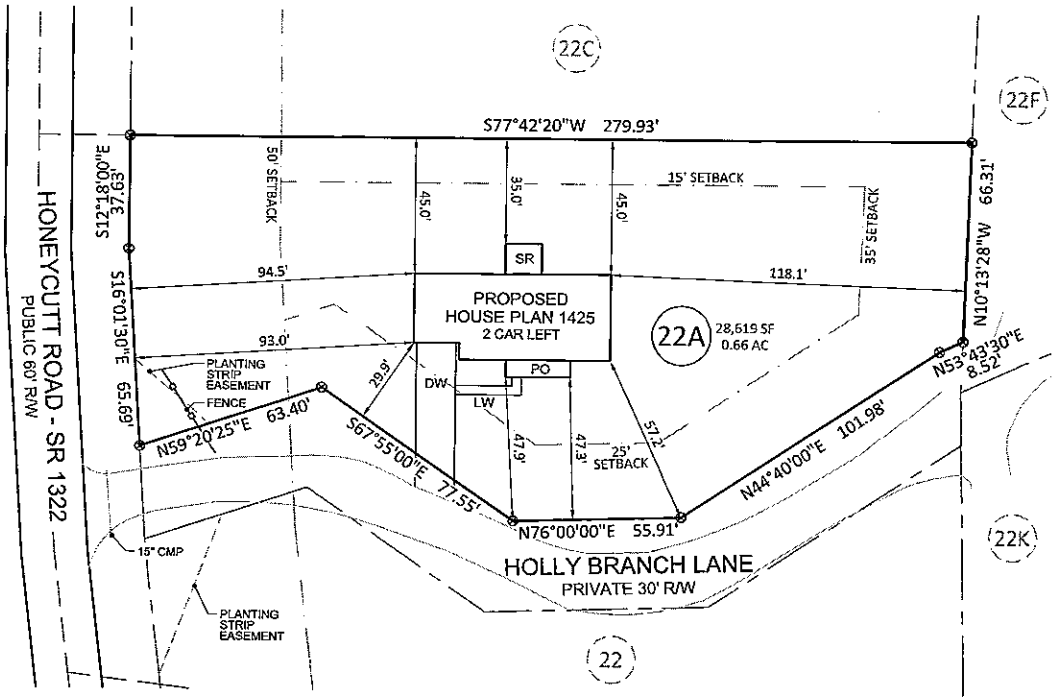
OTHER REFERENCES:
DEED BOOK 2813 PAGES 577-581
PLAT BOOK 57, PAGE 97
PLAT BOOK 16, PAGE 36



LOT INFORMATION:

PIN: 4730431243.000
HOUSE = 1,770 SF
DRIVEWAY = 609 SF
LEADWALK = 74 SF
PORCH = 121 SF
SUNROOM = 120 SF
AC PAD = 9 SF
TOTAL LOT AREA = 0.66 AC = 28,619 SF
TOTAL PROPOSED IMPERVIOUS = 2,703 SF
PERCENT IMPERVIOUS = 9.5 %

BUILDING SETBACKS:
(BASED ON HONEYCUTT RD FRONTAGE)
FRONT = 50 ft
REAR = 35 ft
SIDE = 15 ft
HOLLY BRANCH LN = 25 ft (PER IREDELL ZONING)



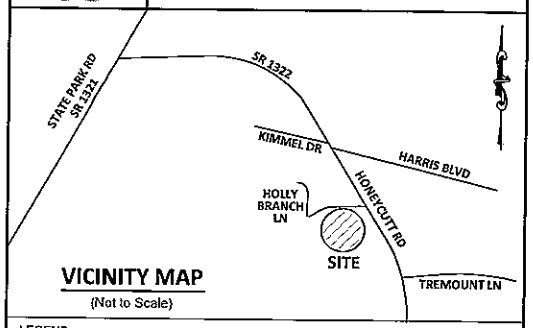
SCALE:
1" = 40 ft.

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. 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. 3710473001, DATED MARCH 18, 2008, FLOODPLAIN AND FLOODWAY SHOWN HEREON ARE SCALED GRAPHICALLY FROM SAID PANEL.
10. ZONING: R20CUD (PER GIS INFO)
11. PROPERTY OWNER: TRUNORTH HOME, LLC
631-300 BRAWLEN SCHOOL RD
MOORESVILLE, NC 28117

REVISIONS: MOVE HOUSE FORWARD 5' PER REQUEST; UPDATE IMPERVIOUS INFO & PLOT PLANS 7-26-21 NMW
MOVE HOUSE 4' LEFT PER REQUEST; UPDATE PLOT PLAN 8-24-21 NMW

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
SR = SUNROOM
SW = SIDEWALK
LW = LEADWALK
DW = CONCRETE DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND (IPF)
◉ = IRON PIPE SET (IPS)
WM = WATER METER
WV = WATER VALVE
CO = CLEAN OUT
AC = AIR CONDITIONER
S = SEWER MANHOLE
EB = ELECTRIC BOX
CB = CABLE BOX
TB = TELECOMM BOX
CI = CURB INLET
DI = DROP INLET
YI = YARD INLET
LP = LIGHT POLE
FH = FIRE HYDRANT
HH = HAND HOLE COVER
CMP = CORRUGATED METAL PIPE

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

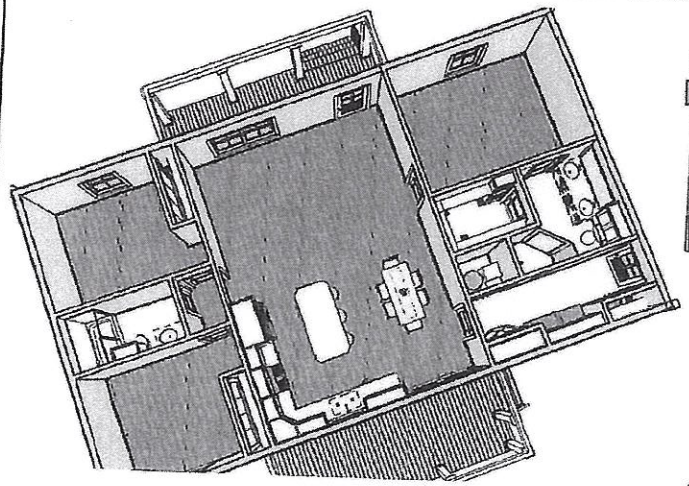
TREEMOUNT - LOT 22, TRACT A
111 HOLLY BRANCH LN, TROUTMAN, NC
FALLSTOWN TOWNSHIP, IREDELL COUNTY

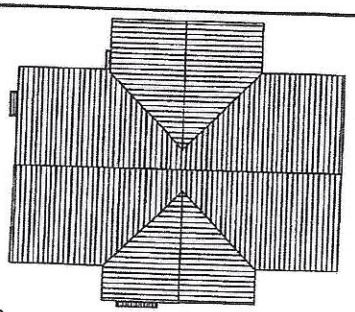
DATE: 7/21/21 DRAWN BY: NMW CHECKED BY: SPC

REFERENCE: DB 2829, PG 1825-1829 PROJECT #: 210586 SCALE: 1" = 40'

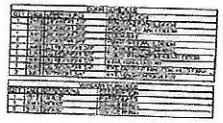
P:\2021 Projects\210586 Holly Branch Ln 22 TruNorth\dwg\210586 Holly Branch Ln 22 TruNorth.dwg, 8/24/2021 6:32:21 AM, walker

HEATED SQF
1571

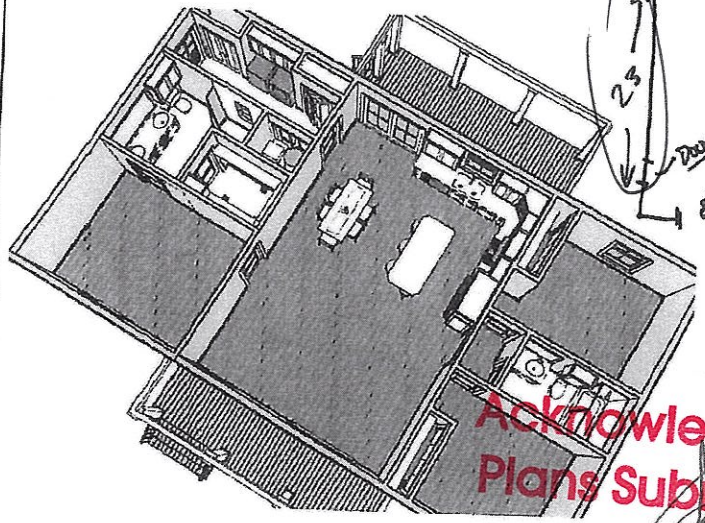




ROOF LAYOUT
SCALE-1/8"=1'-0"



6068Slider
12'-3"x5'
10X12 Sunroom
12'
10'
2-3"x5'
15'
23'
Door
8x8'
LAUNDRY
KITCHEN/DINING
BEDROOM 3
BATH 2
GREAT ROOM
MASTER BEDROOM
BEDROOM 2
COVERED PORCH
STEPS AS REQUIRED BY GRADE



Acknowledgement Of
Plans Submittal ONLY!
Date
Date 9/13/2021

FLOOR PLAN SHEET

NOTICE ANY DISCREPANCIES, ERRORS AND OR OMISSIONS IN THE NOTES, DIMENSIONS, AND/OR DRAWINGS CONTAINED ON THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. PROCEEDING WITH CONSTRUCTION CONSTITUTES THE ACCEPTANCE OF THE DOCUMENTS AND ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS BECOME THE RESPONSIBILITY OF THE BUILDING CONTRACTOR.

N·C·B·D·C

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Client's rights are limited to a one (1) time use of these plans for a single house on the prior agreed site.

A I B D

RESIDENTIAL DESIGNERS
23+ North Magnolia Drive
Milton, FL 32577
601-420-3234
DesignHouse Inc.

PLAN NUMBER
1425

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07/01/2015
All Rights Reserved

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

SQUARE FT.

Heated Area	1425
Covered Porches	368

REVISIONS

DATE	REVISED BY/DESCRIPTION

IREDELL COUNTY · NC

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

APPLICATION NUMBER
321000
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4730431139.000	111 HOLLY BRANCH LN	Iredell County

Owner Information	Applicant Information
Name: MCGREGOR JOSEPH P+DEBRA S	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	R20CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.66	35	35	15	25	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD-NEED ZO, DISCL SIGNED & ASK ABOUT WHERE DRIVE & HOUSE AR

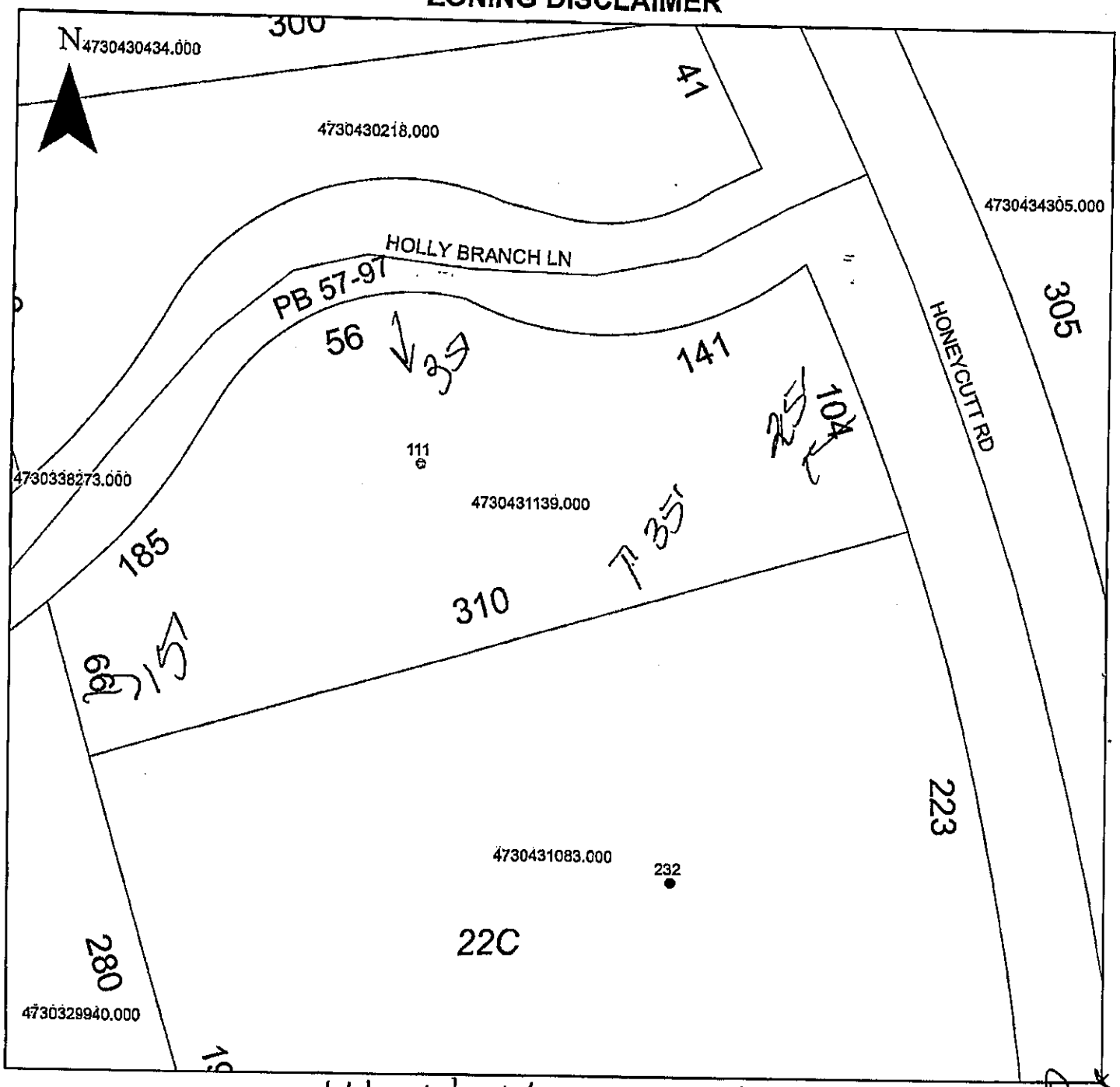
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, 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: 08/31/2021

Permit Number	321000	TOTAL FEES:	$77.25

ZONING DISCLAIMER



Property Address 111 Holly Branch

We Rezoned In CA Co

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.

Applicant

9/1/21
Date