ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 BldR-2022-1147 PERMIT # AP316337

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

PIN # 4721 --41 --2745

APPLICANT/OWNER: Nest Homes APPLICANT ADDRESS: 236 Raceway Drive Suite 7 Mooresville NC 28117.

SITE ADDRESS: 178 Powder Springs Drive Statesville NC 28677. PHONE: ALT. PHONE

SITE DIRECTIONS: East Monbo to Levi Lane Left on Powder Spring Drive SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Powder Spring Creek SECTION: - LOT # 12 LOT AREA: 1.007 AC DESIGN FLOW: 480 L.T.A.R.: 430

Septic Tank 1000 (gal) STB 760 Date 8/26/23 ☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI ☒ Residence No. Bedrooms 4 Water Supply

Pump Tank - (gal) PT - Date - System Description: Gravity - 25% Reduction ☐ Business No. Persons 8 ☒ Private

Pump Make - Model - Serial # - Repair System Description: LP-PPBD-50% Reduction ☐ Other No. Employees ☐ Public

Nitrification Fields 1 # Lines 8 Linear Ft 402 Maintenance Agreement Required: ☐ YES ☒ NO ☐ Slab ☒ Crawl Space ☐ Community

Trench Width 36 Trench Bottom Depth(Low side) 22 Gravel Depth - ☒ GRAVITY ☐ PRESSURE ☐ Basement w/plumbing ☐ Basement w/o plumbing

Comments / Conditions: Maintain 100ft from well

OFFsite to be Recorded prior to AC

Must install 4 bedroom system.

SEE ATTACHED RECORDED OFFSITE EASEMENT

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

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: 4/11/21 Installed by: Specialty Log Work

IMPROVEMENT PERMIT by: Benjamin A Bartley Date: 4-26-2021 OPERATION PERMIT by: Date: 10/13/23

AUTHORIZATION TO CONSTRUCT by: Bryant C. Utley Date: 7-19-2022 Existing System Inspected by: Date:

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

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0059
January 29th, 2021

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

RE: Soil & Site Evaluation for a 4 Bedroom Residence on Lot 12 Powder Spring Creek Subdivision, 1.007 ac Parcel, PIN# 4721412745, Powder Spring Drive, Statesville, NC 28677.

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 gently slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Patterson Land Surveying. The SFE for Lot 12 was staked by Williams Land Surveying. It is located on Lot 11. The client 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 Patterson Land Surveying.

Methodology

We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with eleven pit locations on the property flagged and located via GPS. Five of the eleven backhoe pits 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 pit. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS and tape measures. Detailed system & repair information is summarized in the following paragraph for this Lot.

Lot 12 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 645 linear feet of line. The primary system is proposed as 402 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 22 inches. The repair system is proposed as 243 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. Trench depth is specified at 30 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. Weeks
* Signature _____ 2/3/21

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 12 of Powder Spring Creek 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*

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 on Lot 12 Powder Spring Creek Subdivision, Statesville 28677, Iredell County, NC. PIN#: 4721412745

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

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

1/29/2021
Project #: 20-0059
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 PPBPS installation with low pressure Distribution..

GRAVITY ACCEPTED SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	Nest Homes
Address:	236 Raceway Drive (Suite 7) Mooresville, NC 28117
Phone:	704.202.1524
County:	Iredell
Location:	Powder Spring Drive Lot 12
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	404	
Loading Rate (gpd/ft.^{2}):	0.3	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth (LOW SIDE):	22 in.	Repair Trench Bottom 30 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

Powder Spring Drive

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1206
TOTAL LATERAL LENGTH:	402
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	400
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 - Powder Spring Creek - Lot 12

Project #: 20-0059

LAYOUT FOR 4 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	1/29/2021 DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***RED***					*56*	*56*
2	***ORANGE***					*64*	*64*
3	***BLUE***					*60*	*60*
4	***YELLOW***					*56*	*56*
5	***RED***					*52*	*52*
6	***ORANGE***					*42*	*42*
7	***BLUE***					*36*	*36*
8	***PINK***					*36*	*36*
9	RED					31	31
10	ORANGE					53	53
11	YELLOW					76	76
12	BLUE					83	83
					Total	645	645

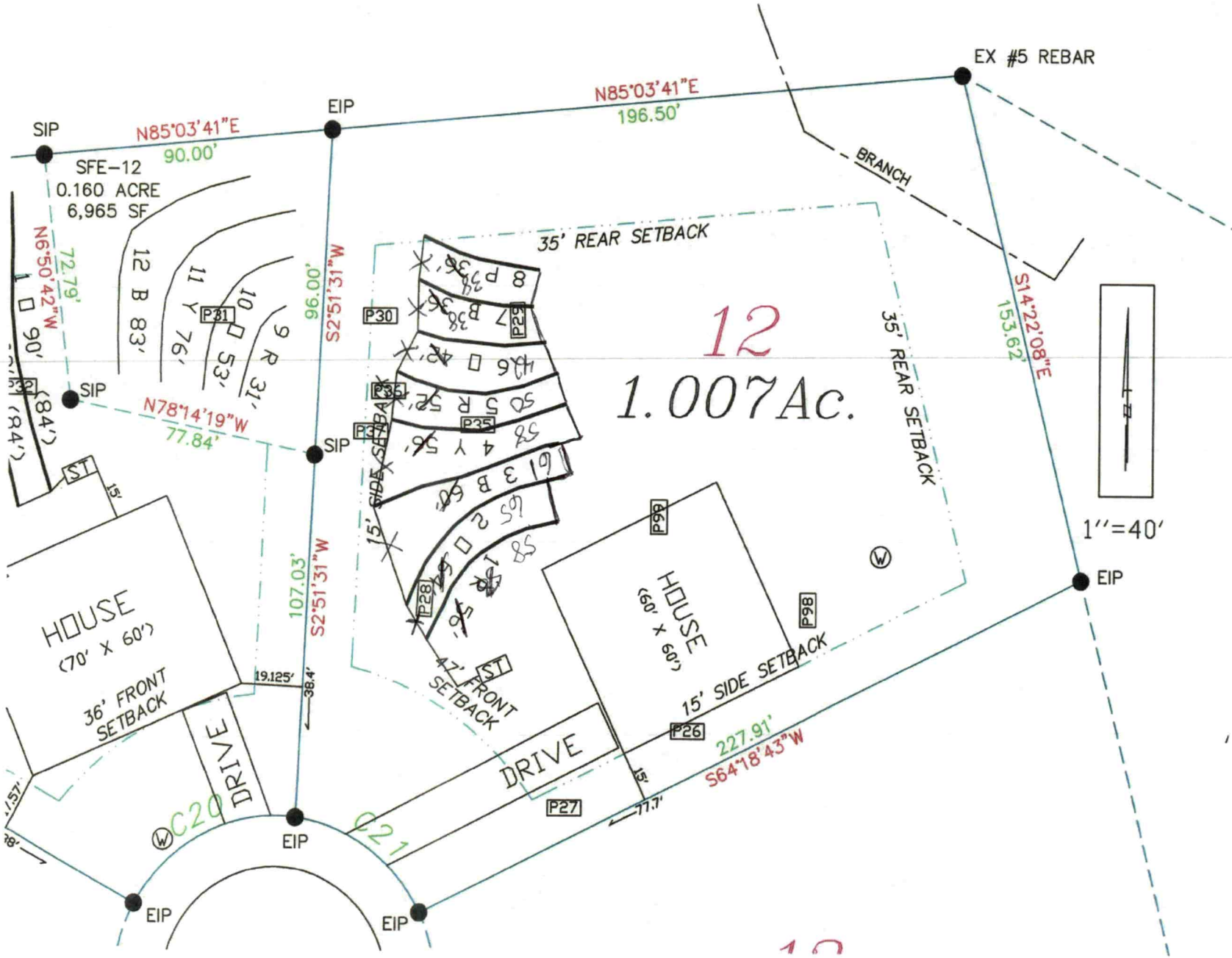
	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
**** System***	***402***	***0.300***	***ACCEPT.***	***0.300***	***25% RED***	***GRAVITY***	22"
Repair	243	0.350	MOD. CONV.	0.350	PPBPS	LOW PRESSURE	30"

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 Envelope, Property corners & lines located by survey (Patterson Land Surveyors)


EX #5 REBAR
N85°03'41"E
196.50'
SIP
N85°03'41"E
90.00'
EIP
SFE-12
0.160 ACRE
6,965 SF
BRANCH
35' REAR SETBACK
12
1.007Ac.
35' REAR SETBACK
S14°22'08"E
153.62'
1"=40'
N6°50'42"W
72.79'
96.00'
S2°51'31"W
SIP
N78°14'19"W
77.84'
SIP
15' SIDE SETBACK
107.03'
S2°51'31"W
HOUSE
(70' X 60')
36' FRONT SETBACK
19.125'
38.4'
DRIVE
C20
EIP
C21
DRIVE
47' FRONT SETBACK
HOUSE
(60' X 60')
15' SIDE SETBACK
227.91'
S64°18'43"W
15'
77.7'
EIP
EIP
EIP
EIP
P98
P26
P27
P28
P29
P30
P31
P35
ST

CALCULATIONS

Location	Powder Spring Creek Subdivision Off Levi Lane	
Project Number	20-0059	
Lot No:	12	
No. of Bedrooms	4	
Design Flow	480	$^{gal}/_{day}$
LTAR	0.300	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	NO	
Supply Line Length	24	ft.
Supply Line Volume	15.672	gal.
Required Feet of Line	400	ft.
Amount of Line from Layout	402	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 JUN 1 3 2022

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For:
(✓) Septic Improvement Permit (✓) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) 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: Nest Homes **Address:** 236 Raceway Dr. Suite 7, Mooresville NC **Zip:** 28117
Applicant Email: mwetter@nesthomes.com **Phone:** 704.202.1524 **Alt. Phone:**
Owner Name: Nest Homes **Address:** 236 Raceway Dr. Suite 7, Mooresville NC **Zip:** 28117
Owner Email: mwetter@nesthomes.com **Phone:** 704.202.1524 **Alt. Phone:**

Property Information:

Street Address: 178 Powder Spring Dr., Statesville NC 28677
Subdivision Name: Powder Spring Creek **Section/Phase:** **Lot Number:** 12
Driving Directions: East Monbo Rd to Levi Lane, Left on Powder Spring Dr.

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

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
( ) Swimming Pool
( ) Other Addition/Structure:

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

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 (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: Samuel A Keller 6/3/22
Property owner or owner's legal representative signature (**SIGNATURE REQUIRED**) DATE

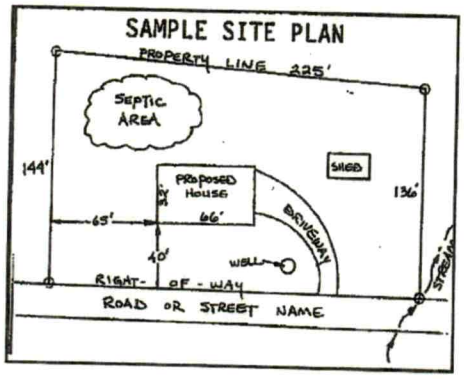
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

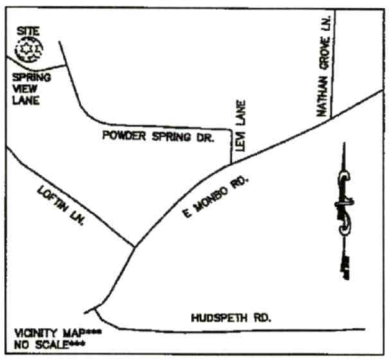
Signature: _____ 6/3/22
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2788, page 1944, and/or plat book 72, page 108, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 8, day of MARCH, A.D. 20 22.

WILLIAM M. ALLEN

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



LEGEND
P.P. = POWER POLE
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
W = WELL
CP = COMPUTED POINT

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	50.00'	49.68'	N 54°09'06" W	47.66'

CONC. CALC.
DRIVE = 1,293 SQ. FT.
WALK = 107 SQ. FT.

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) SETBACKS SHOWN PER PLAT (PB.72 PG.108)

0' 25' 50' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
178 POWDER SPRING DR
LOT 12 POWDER SPRINGS CREEK
FALLSTOWN TWSP., IREDELL., N.C.

SCALE 1" = 50'
ACQUIRED BY: NEST HOMES

FIELD BOOK:
FILE: POWDER SPRING 12
DC FILE:
TAX MAP NO: 4721412745.000

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP316337

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

PIN # 4721 --41 --2745

APPLICANT/OWNER: Nest Homes

APPLICANT ADDRESS: 236 Raceway Drive Suite 7 Mooresville NC 28117

SITE ADDRESS: 178 Powder Springs Drive Statesville NC 28677

PHONE:

ALT. PHONE

SITE DIRECTIONS: East Monbo to Levi Lane left on Powder Spring Drive

SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Powder Spring Creek

SECTION: - LOT # 12 LOT AREA: 1.007 Ac

DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank	1000 (gal)	STB	Date	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI
Pump Tank	- (gal)	PT -	Date -	System Description:	Gravity - 25% Reduction
Pump Make	-	Model -	Serial # -	Repair System Description:	LP-PPBB-50% Reduction
# Nitrification Fields	1	# Lines	8	Linear Ft 402	Maintenance Agreement Required: [ ] YES [X] NO
Trench Width	36	Trench Bottom Depth(Low side)	22	Gravel Depth -	[X] GRAVITY [ ] PRESSURE

[X] Residence No. Bedrooms 4
[ ] Business No. Persons 8
[ ] Other No. Employees
[ ] Slab [X] Crawl Space
[ ] Basement w/plumbing [ ] Basement w/o plumbing

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

Comments / Conditions: Maintain 100ft from well

OFFSite to be Recorded prior to AC

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AS BUILT SKETCH

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Soil & Forestry Services of the Carolinas PA

LSS # 1231

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.

---IMPROVEMENT PERMIT ONLY---

DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

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

[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **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: 4/11/21 Installed by:

IMPROVEMENT PERMIT by: Benjamin A Barker Date: 4-26-2021 OPERATION PERMIT by: Date:

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

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

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0059
January 29th, 2021

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

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At the time of our evaluation land cover on the property was mostly mixed pine/hardwood. 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 Patterson Land Surveying. The SFE for Lot 12 was staked by Williams Land Surveying. It is located on Lot 11. The client 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 Patterson Land Surveying.

Methodology

We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with eleven pit locations on the property flagged and located via GPS. Five of the eleven backhoe pits 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 pit. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS and tape measures. Detailed system & repair information is summarized in the following paragraph for this Lot.

Lot 12 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 645 linear feet of line. The primary system is proposed as 402 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 22 inches. The repair system is proposed as 243 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. Trench depth is specified at 30 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 Eric Wood
Signature Eric Wood 06/10/2022

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 12 of Powder Spring Creek 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*

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 on Lot 12 Powder Spring Creek Subdivision, Statesville 28677, Iredell County, NC. PIN#: 4721412745

Contents:

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Profile Descriptions	7-8
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Agent Authorization Form	15

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

1/29/2021
Project #: 20-0059
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 PPBPS installation with low pressure Distribution..

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant:	Nest Homes
Address:	236 Raceway Drive (Suite 7) Mooresville, NC 28117
Phone:	704.202.1524
County:	Iredell
Location:	Powder Spring Drive Lot 12
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	404	
Loading Rate (gpd/ft.^{2}):	0.3	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth (LOW SIDE):	22 in.	Repair Trench Bottom 30 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	

Powder Spring Drive

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1206
TOTAL LATERAL LENGTH:	402
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	400
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 - Powder Spring Creek - Lot 12

Project #: 20-0059

LAYOUT FOR 4 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	1/29/2021 DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***RED***					*56*	*56*
2	***ORANGE***					*64*	*64*
3	***BLUE***					*60*	*60*
4	***YELLOW***					*56*	*56*
5	***RED***					*52*	*52*
6	***ORANGE***					*42*	*42*
7	***BLUE***					*36*	*36*
8	***PINK***					*36*	*36*
9	RED					31	31
10	ORANGE					53	53
11	YELLOW					76	76
12	BLUE					83	83
					Total	645	645

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
** System*	*402*	*0.300*	*ACCEPT.*	*0.300*	*25% RED*	*GRAVITY*	22"
Repair	243	0.350	MOD. CONV.	0.350	PPBPS	LOW PRESSURE	30"

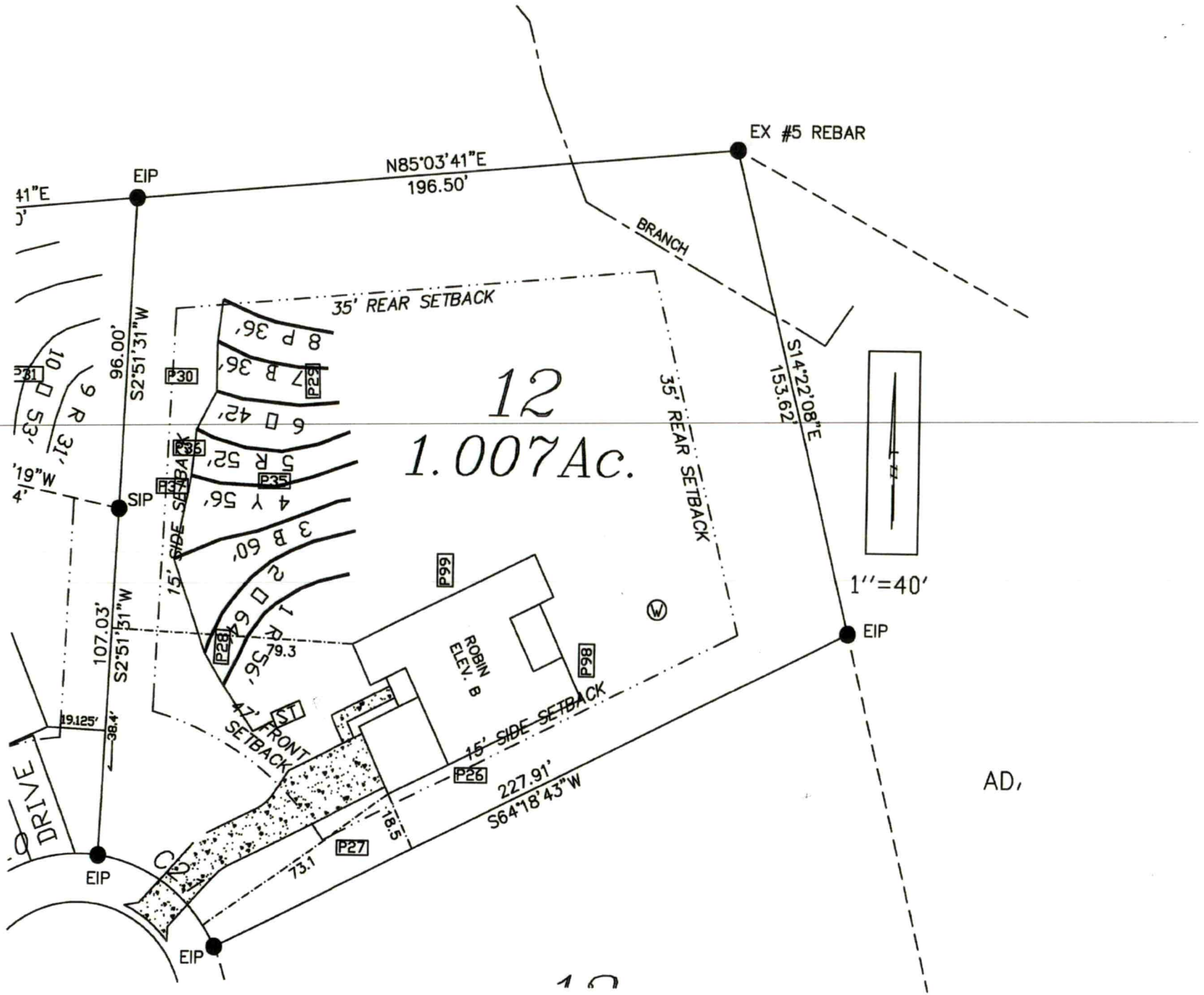
Notes:

**All measures in feet

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

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

**House Envelope, Property corners & lines located by survey (Patterson Land Surveyors)


EX #5 REBAR
N85°03'41"E
196.50'
EIP
BRANCH
35' REAR SETBACK
35' REAR SETBACK
15' SIDE SETBACK
15' SIDE SETBACK
47' FRONT SETBACK
12
1.007Ac.
S14°22'08"E
153.62'
S2°51'31"W
96.00'
S2°51'31"W
107.03'
SIP
EIP
EIP
EIP
ROBIN ELEV. B
227.91'
S64°18'43"W
73.1
18.5
19.125'
38.4'
DRIVE
1''=40'
AD,
P26
P27
P28
P29
P30
P31
P35
P36
P98
P99
ST

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

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, Eric Wood, am the legal owner(s) of the property located at 178 Powder Spring Drive, Statesville NC 28677, identified as PIN (Parcel Identification Number) ~~[illegible]~~ 4721412745 Lot 12, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Soil & Forestry Ashley Rollans, 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.

Eric Wood — 06/10/2022
Signature of Owner(s) — Date

Signature of Witness — Date

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

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

***** Initial all lines below to indicate you have submitted each form and completed every site requirement *****

S.A.R. **Complete all Environmental Health forms:**
- ✓ Application
- ✓ Site Plan with dimensions of proposed structure, addition, pool etc.
- ✓ Documentation to Authorize Owner Agent (if the property owner is not the applicant)
- ✓ Copy of Zoning Permit when applicable
- ___ Sign this sheet after you have completed all items

S.A.R. **Lot must be cleared of heavy undergrowth.** In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with **50 feet of visibility** in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

S.A.R. **Clearly mark all property corners by locating existing iron or concrete markers.** Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only). 'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged.**

S.A.R. **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted.** The proposed structure, etc. **must be staked** out on the property as per the site plan.

S.A.R. If an **Authorization to Construct (AC) is desired**, submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.
Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are non-refundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.
- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- **The applicant/agent is responsible for securing these services**
- **Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.**
- **The EH specialist will contact you when your application is ready to be processed for pit scheduling.**
- **Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.**

By signing below I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature _____ **Date** 10/3/22

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625

CALCULATIONS

Location	Powder Spring Creek Subdivision Off Levi Lane	
Project Number	20-0059	
Lot No:	12	
No. of Bedrooms	4	
Design Flow	480	$^{gal}/_{day}$
LTAR	0.300	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	NO	
Supply Line Length	24	ft.
Supply Line Volume	15.672	gal.
Required Feet of Line	400	ft.
Amount of Line from Layout	402	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

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

Sheet 1 of 3
PROPERTY ID #: 4724 12~~46~~
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nest Homes (Buyer)
ADDRESS: 236 Raceway Dr, Suite 7, Mooresville NC 28117 — APPLICATION DATE
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480GPD — DATE EVALUATED: 2020
LOCATION OF SITE: 178 Powder Spring Dr, Statesville NC 28677 Lot 12 — PROPERTY SIZE: 1.00 ac
WATER SUPPLY: ☒ Private ☐ Public ☒ ~~Well~~ ☐ Spring ☐ Other — PROPERTY RECORDED: Yes
EVALUATION METHOD: ☐ Auger Boring ☒ ~~Pit~~ ☐ Cut — TYPE OF WASTEWATER: ☒ ~~Sewage~~ ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 26	L/7%	0-8	BSL Gr	Fr SS SP SEXP		31	PS	—	PS 0.3 - 0.35
		8-18	RC wmsbk	Fr SSSP SEXP					
		18-31	RBCL wfsbk	Fr SS SP SEXP					
		31-72	VAR SL MASS	Fr SS SP					
P 27	L/4%	0-6	BSL Gr	Fr SS SP SEXP		22		22	PS .1
		6-22	RC wmsbk	Fr SS SP SEXP					
		22-28	>50% Rock						
P 28	L/12%	0-6	RBSCL wfsbk	Fr SS SP SEXP		38"	PS	—	PS 0.325
		6-20	RC wmsbk/Abk	Fr SS SP SEXP	Few SAP				
		20-38	RBCL wmsbk	Fr SS SP SEXP	Few to C. SAP				
		38-62	VAR L MASS	Fr SS SP					
P 29	L/20%	0-7	BSCL wfsbk	Fr SS SP SEXP		38	PS	—	PS 0.3 - 0.325
		7-21	BRC wmsbk	Fr SS SP SEXP					
		21-38	RBCL wfsbk	Fr SS SP SEXP	Few to C. SAP Few Rock on West side of P.I.				
		38-68	VAR SL MASS	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	0.3	0.35

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

COMMENTS: Repair on Easement on Lot 11

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4721414745
DATE OF EVALUATION: 2020
COUNTY: Iredell

4-1 12

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
P 30	L/12%	0-5	RBSCL wfsbk	Fr SS SP SEXP		6"	—	6"	UN
		6-	Rock						
P 35	L/12%	0-4	RBSL wfsbk	Fr SS SP SEXP	Few to C SAP Inclu	26	PS	—	PS .35
		4-26	RBCL wfsbk	Fr SS SP SEXP					
		26-70	VAR SL. MASS	Fr SS SP SEXP					
P 36	L/6% Hard Granite on West side of Pit	0-42	BRSCL wfsbk	Fr SS SP SEXP	Few SAP Inclus	42	-	42	PS 0.3
P 37	L/6% Hard Granite on West side of Pit	0-12	BRC wmsbk	Fr SS SP SEXP	Few SAP Inclu	43	-	43	PS 0.3
		12-43	RBSCL wfsbk	Fr SS SP SEXP	Few to C. SAP Inclu				
P 98	L/9%	0-5	BL Gr	Fr SS SP SEXP	Few w/ Rock C. SAP	38	PS	-	PS 0.3
		5-24	BRC wfsbk/MBK	Fr SS SP SEXP					
		24-38	RBSCL wfsbk	Fr SS SP SEXP					
		38-52	VAR SL. MASS	Fr SS SP					

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

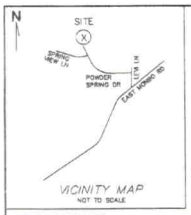
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Lot 12

PROPERTY ID #: 4721412145
DATE OF EVALUATION: 2020
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 99	L/9%	0-4	RBSCL wfsbk	Fr SS SP SEXP	C, SAP Inclu. Wh. Rock	22	PS	—	PS 0.1-0.125
		4-15	BRC wfsbk	Fr SS SP SEXP					
		15-22	RBSCL vwfsbk	Fr SS SP SEXP					
		22-50	VAR SL MASS/Hard	H SS SP					
P 31	L/4%	0-2	BSL gr	Fr SS SP SEXP	f-esap	43	PS	—	PS 0.35
		2-43	RBSCL wfsbk	" " " "					
		43-60	VARSL mass	" " " "					

COMMENTS:



NOTES:

1) Area determined by Coordinate Computation Method.
2) Property subject to any facts that may be disclosed by a full and accurate title search.
3) Property may be subject to any Easements and Right of Ways of record and those not of record if they exist.
4) Subject Property is not located in a Special Flood Hazard Area as designated by the FEMA FLOOD INSURANCE RATE MAPS. See Map Number 3710472100J – Effective Date 3/18/2008.
5) No Geodetic Monument found within 2000' of Subject Property.
6) Subject Property Zoning = R20–CUD. Setbacks per Iredell County Land Development Code Front = 35', Rear = 35', & Side = 15'
7) The purpose of this plat is to create a septic field easement for Lot 12 on Lot 11 and revise Front Setbacks to meet the minimum 100' width.

CERTIFICATE OF APPROVAL FOR RECORDING

I, hereby certify that this plat for recordation is an exemption to the Subdivision Ordinance of Iredell County, North Carolina.

Rich A. Hoffman — Subdivision Administrator — 7.14.22 Date

REVIEW OFFICER CERTIFICATE

I, Rich A. Hoffman, Review Officer of Iredell County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Rich A. Hoffman — Review Officer — 7.14.22 Date

I, Thomas E. Williams, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 2736, Page 2025, or other reference source AS NOTED); that the boundaries not surveyed are shown as broken lines drawn from information found in adjoining deeds and plats as noted; that the ratio of precision is 1 : 10,000+; and that this plat meets the requirements of The Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.

This survey is of another category, such as the recombination of existing parcels, a court–ordered survey, or other exception to the definition of subdivision.

This 7th day of January, 2021.

Thomas Williams

Thomas E. Williams, NCPLS 4718

NORTH CAROLINA PROFESSIONAL SEAL L-4718 LAND SURVEYOR THOMAS E. WILLIAMS

OWNER CERTIFICATE

Know all men by these presents, that I (we) hereby certify that I am (we are) the owner(s) of the property shown and described hereon and that I (we) hereby acknowledge this plat and allotment to be my (our) free act and deed.

SILLS SPRINGS DEVELOPMENT, LLC
ERIC WOOD, MEMBER MANAGER — DATE 7/13/22

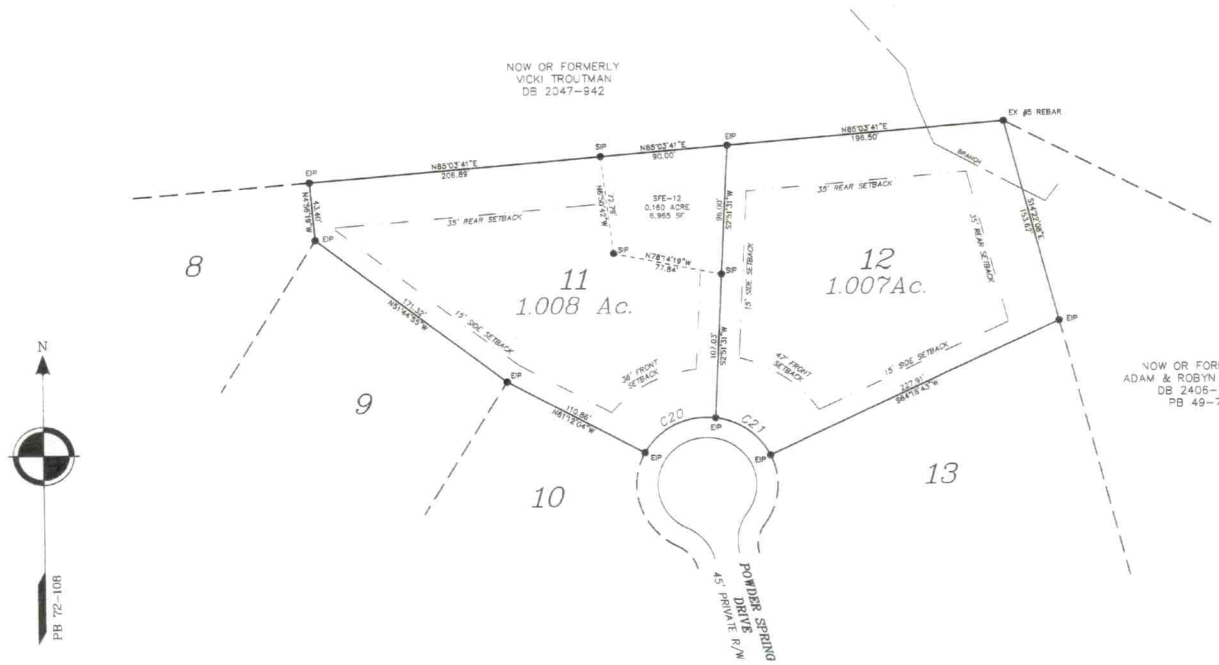
North Carolina
Iredell County

I, Heather Poston, a Notary Public for said County and State, do hereby certify that ERIC WOOD, personally appeared before me this day, and acknowledged the execution of the foregoing instrument. Witness my hand and official seal, this 13th day of July 2022.

Heather Poston
Notary Public

My Commission Expires: Jan 2, 2023

HEATHER H. POSTON NOTARY PUBLIC IREDELL COUNTY, NC My Comm. Exp. 1-2-2023



LEGEND

	PROPERTY LINE (P/L)
	RIGHT OF WAY (R/W)
	TIE LINE
	ADJOINING PROPERTY LINE FROM DEED OR PLAT
	BRANCH
	POWER LINE
EX	EXISTING
EIP	EX #4 REBAR
SIP	SET #4 REBAR

60 0 60 120
SCALE: 1" = 60'

Williams Land Surveying, Inc.
License Number C–3636
274 Raymount Drive, Statesville, NC 28625
phone(704) 876–3996 ~ email:runningonfaith@bellsouth.net
file: 19-LEVELLY

OWNER/DEVELOPER
SILLS SPRINGS DEVELOPMENT, LLC
P.O. BOX 3965
MOORESVILLE, NC 28117

PARCEL INFORMATION

LOT 11
PIN# 4721–41–0713
DB 2736–2025
PB 72–108

LOT 12
PIN# 4721–41–2745
DB 2736–2025
PB 72–108

Exempt Plat

POWDER SPRING CREEK
LOT 11 & LOT 12

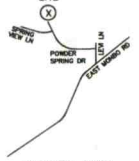
Fallstown Township, Iredell County, NC

DATE OF SURVEY: 12/15/2020 DATE OF PLAT: 1/7/2021

Doc ID: 018184410001 Type: CRP
Recorded: 07/14/2022 at 08:50:52 AM
Fee Amt: $21.00 Page 1 of 1
Iredell County, NC
Maureen P. Purcell Register of Deeds
BK 77 PG 61

N

SITE



VICINITY MAP
NOT TO SCALE

NOTES:

1) Area determined by Coordinate Computation Method.
2) Property subject to any facts that may be disclosed by a full and accurate title search.
3) Property may be subject to any Easements and Right of Ways of record and those not of record if they exist.
4) Subject Property is not located in a Special Flood Hazard Area as designated by the FEMA FLOOD INSURANCE RATE MAPS. See Map Number 3710472100J – Effective Date 3/18/2008.
5) No Geodetic Monument found within 2000' of Subject Property.
6) Subject Property Zoning = R20–CUD.
   Setbacks per Iredell County Land Development Code
   Front = 35', Rear = 35', & Side = 15'
7) The purpose of this plat is to create a septic field easement for Lot 12 on Lot 11 and revise Front Setbacks to meet the minimum 100' width.

CERTIFICATE OF APPROVAL FOR RECORDING

I hereby certify that this plat for recordation is an exemption to the Subdivision Ordinance of Iredell County, North Carolina.

Subdivision Administrator _____ Date _____

REVIEW OFFICER CERTIFICATE

I, _____, Review Officer of Iredell County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Review Officer _____ Date _____

I, Thomas E. Williams, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 2736, Page 2025, or other reference source AS NOTED); that the boundaries not surveyed are shown as broken lines drawn from information found in adjoining deeds and plats as noted; that the ratio of precision is 1 : 10,000+; and that this plat meets the requirements of The Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.

This survey is of another category, such as the recombination of existing parcels, a court–ordered survey, or other exception to the definition of subdivision.

This 7th day of January, 2021.

Thomas E. Williams, NCPLS 4718

NORTH CAROLINA PROFESSIONAL SEAL L-4718 LAND SURVEYOR THOMAS E. WILLIAMS

OWNER CERTIFICATE

Know all men by these presents, that I (we) hereby certify that I am (we are) the owner(s) of the property shown and described hereon and that I (we) hereby acknowledge this plat and allotment to be my (our) free act and deed.

_____ DATE

SILLS SPRINGS DEVELOPMENT, LLC
ERIC WOOD, MEMBER MANAGER

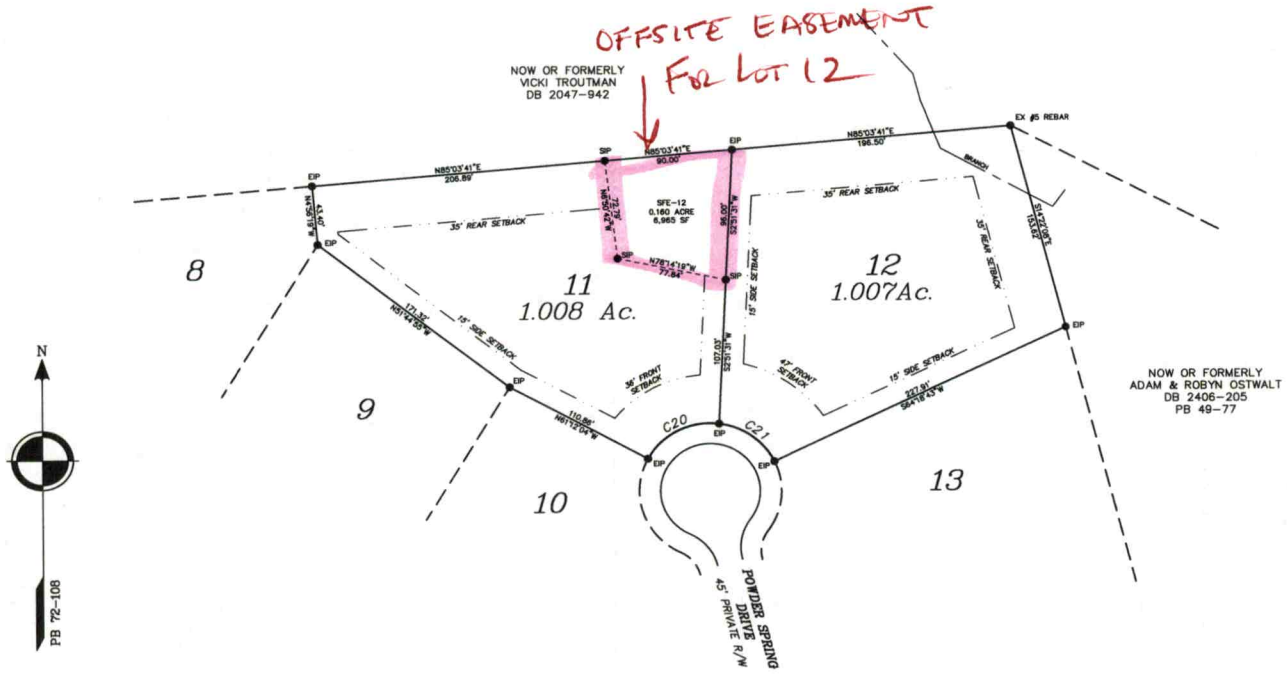
North Carolina

_____ County

I, _____, a Notary Public for said County and State, do hereby certify that ERIC WOOD, personally appeared before me this day, and acknowledged the execution of the foregoing instrument. Witness my hand and official seal, this _____ day of _____ 2021.

_____
Notary Public

My Commission Expires: _____



LEGEND

	PROPERTY LINE (P/L)
	RIGHT OF WAY (R/W)
	TIE LINE
	ADJOINING PROPERTY LINE FROM DEED OR PLAT
	BRANCH
	POWER LINE
EX	EXISTING
EIP	EX #4 REBAR
SIP	SET #4 REBAR

60 0 60 120
SCALE: 1" = 60'

Williams Land Surveying, Inc.
License Number C–3636
274 Baymount Drive, Statesville, NC 28625
phone(704) 876–3906 ~ email:runningonfaith@bellsouth.net
file: SP-LAYOUT

OWNER/DEVELOPER
SILLS SPRINGS DEVELOPMENT, LLC
PO BOX 3965
MOORESVILLE, NC 28117

PARCEL INFORMATION

LOT 11
PIN# 4721–41–0715
DB 2736–2025
PB 72–108

LOT 12
PIN# 4721–41–2745
DB 2736–2025
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Exempt Plat

POWDER SPRING CREEK
LOT 11 & LOT 12

Fallstown Township, Iredell County, NC

DATE OF SURVEY: 12/15/2020 DATE OF PLAT: 1/7/2021

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

Sheet 1 of 3
PROPERTY ID #: [illegible]
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nest Homes (Buyer)
ADDRESS: 236 Raceway Dr, Suite 7, Mooresville NC 28117 — APPLICATION DATE
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480GPD — DATE EVALUATED: 2020
LOCATION OF SITE: 170 Powder Spring Dr, Statesville NC 28677 Lot 12 — PROPERTY SIZE: 1.007ac
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other — PROPERTY RECORDED: yes
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut — TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	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
P26	L/7%	0-8	BSL Gr	Fr SS SP SEXP		31	PS	—	PS 0.3 - 0.35
		8-18	RC wmsbk	Fr SS SP SEXP					
		18-31	RBCL wfsbk	Fr SS SP SEXP					
		31-72	VAR SL MASS	Fr SS SP					
P27	L/4%	0-6	BSL Gr	Fr SS SP SEXP		22		22	PS .1
		6-22	RC wmsbk	Fr SS SP SEXP					
		22-28	>50% Rock						
P28	L/12%	0-6	RBSCL wfsbk	Fr SS SP SEXP		38"	PS	—	PS 0.325
		6-20	RC wmsbk/Abk	Fr SS SP SEXP	Few SAP				
		20-38	RBCL wmsbk	Fr SS SP SEXP	Few to C. SAP				
		38-62	VAR L MASS	Fr SS SP					
P29	L/20%	0-7	BSCL wfsbk	Fr SS SP SEXP		38	PS	—	PS 0.3 - 0.325
		7-21	BRC wmsbk	Fr SS SP SEXP					
		21-38	RBCL wfsbk	Fr SS SP SEXP	Few to C. SAP Few Rock on West side of Pit				
		38-68	VAR SL MASS	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	03	035

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

COMMENTS: Repair on Easement on Lot 11

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4721414145
DATE OF EVALUATION: 2020
COUNTY: Iredell

Lot 12

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
P 30	L/12%	0-5	RBSCL wfsbk	Fr SS SP SEXP		6"	—	6"	UN
		6-	Rock						
P 35	L/12%	0-4	RBSL wfsbk	Fr SS SP SEXP		26	PS	—	PS .35
		4-26	RBCL wfsbk	Fr SS SP SEXP	Few to C SAP Inclu				
		26-70	VAR SL MASS	Fr SS SP SEXP					
P 36	L/6% Hard Granite on West side of Pit	0-42	BRSCL wfsbk	Fr SS SP SEXP	Few SAP Inclus	42	—	42	PS 0.3
P 37	L/6% Hard Granite on West side of Pit	0-12	BRC wmsbk	Fr SS SP SEXP	Few SAP Inclu	43	—	43	PS 0.3
		12-43	RBSCL wfsbk	Fr SS SP SEXP	Few to C. SAP Inclu.				
P 98	L/9%	0-5	BL Gr	Fr SS SP SEXP		38	PS	-	PS 0.3
		5-24	BRC wfsbk/ABK	Fr SS SP SEXP					
		24-38	RBSCL wfsbk	Fr SS SP SEXP	Few Wt Rock C. SAP				
		38-52	VAR SL MASS	Fr SS SP					

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Lot 12

PROPERTY ID #: 4721412745
DATE OF EVALUATION: 2020
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P99	L/9%	0-4	RBSCL wfsbk	Fr SS SP SEXP	+C, SAP Incr. Wil. Rock	22	PS	—	PS 0.1-0.125
		4-15	BRC wfsbk	Fr SS SP SEXP					
		15-22	RBSCL vwfsbk	Fr SS SP SEXP					
		22-50	VAR SL MASS/Hard	H SS SP					
P31	L/4%	0-2	BSL gr	Fr SS SP SEXP	f-csap	43	PS	—	PS 0.35
		2-43	RBSCL wfsbk	" " " "					
		43-60	VAR SL mass	" " " "					

COMMENTS:

Rec'd 4-6-2021

AP 316 337
PD. $500.00 4/6/2021

Gravity-Session Law

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

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

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

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

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

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: Nest Homes **Address:** 236 Raceway Dr. Suite 7, Mooresville NC **Zip:** 28117
Applicant Email: mwetter@nesthomes.com **Phone:** 704.202.1524 **Alt. Phone:**
Owner Name: Nest Homes **Address:** 236 Raceway Dr. Suite 7, Mooresville NC **Zip:** 28117
Owner Email: mwetter@nesthomes.com **Phone:** 704.202.1524 **Alt. Phone:**

Property Information:

Street Address: 178 Powder Spring Dr., Statesville NC 28677
Subdivision Name: Powder Spring Creek **Section/Phase:** **Lot Number:** 12
Driving Directions: East Monbo Rd to Levi Lane, Left on Powder Spring Dr.

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

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines **Describe Problem:**
Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
( ) Swimming Pool
( ) Other Addition/Structure:

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

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

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well **Number of Houses:** **Number of Persons:**
(✓) 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 (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: Samuel A Tetter
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/29/21
DATE

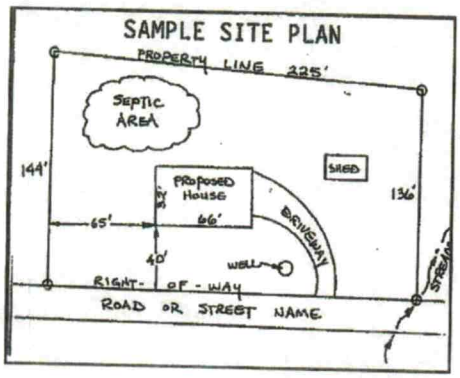
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

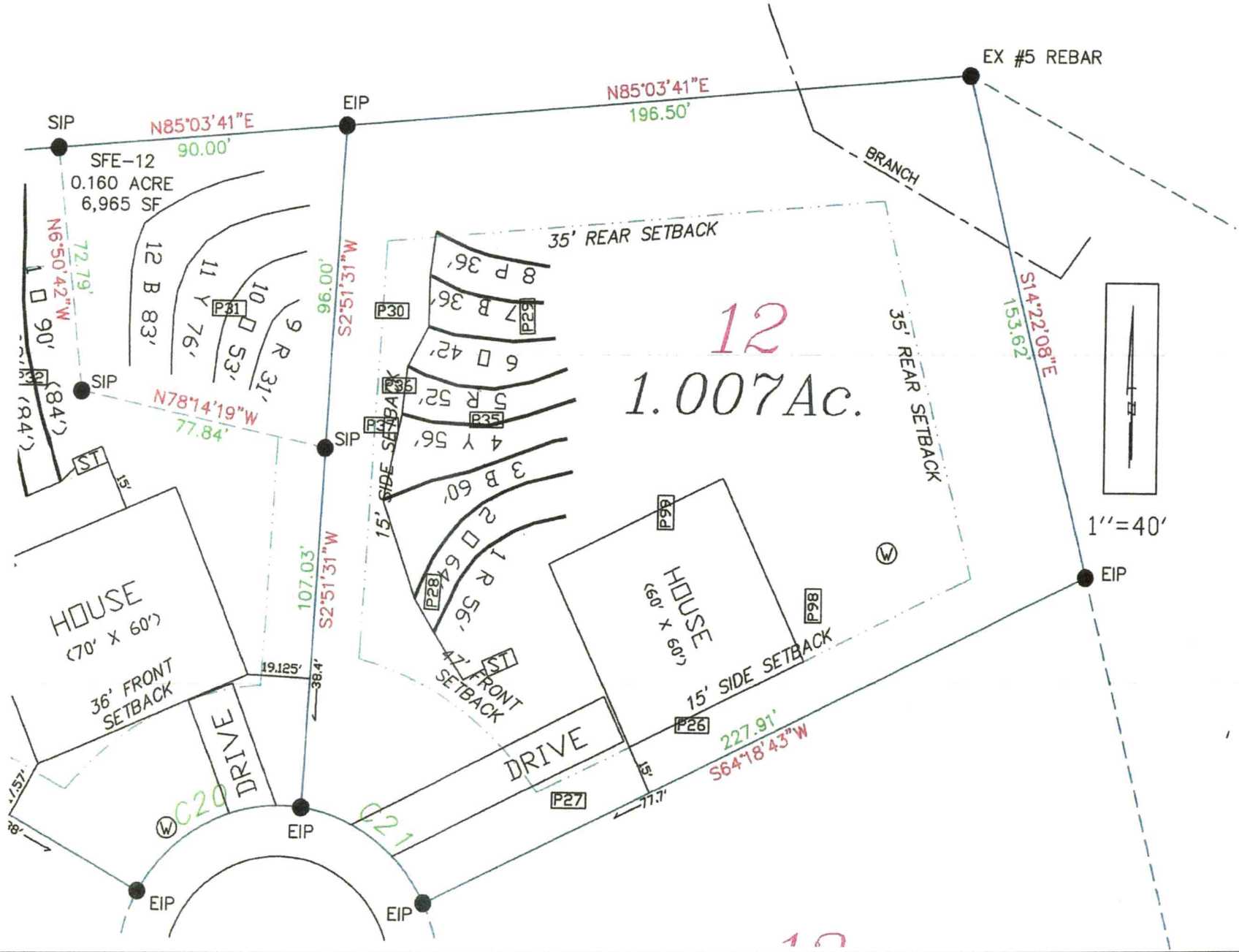
USE THIS SPACE TO DRAW YOUR SITE PLAN

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: _____ 1/29/21

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


EX #5 REBAR
SIP
N85°03'41"E
90.00'
EIP
N85°03'41"E
196.50'
BRANCH
SFE-12
0.160 ACRE
6,965 SF
N6°50'42"W
72.79'
12 B 83'
11 Y 76'
10 □ 53'
9 R 31'
8 P 36'
7 B 36'
6 □ 42'
5 R 52'
4 Y 56'
3 B 60'
2 □ 64'
1 R 56'
90' (84')
P31
P30
P29
P35
P36
P28
35' REAR SETBACK
12
1.007Ac.
35' REAR SETBACK
S14°22'08"E
153.62'
1"=40'
SIP
N78°14'19"W
77.84'
SIP
96.00'
S2°51'31"W
15' SIDE SETBACK
ST
15'
HOUSE
(70' x 60')
36' FRONT SETBACK
107.03'
S2°51'31"W
19.125'
38.4'
47' FRONT SETBACK
ST
P99
HOUSE
(60' x 60')
P98
15' SIDE SETBACK
P26
227.91'
S64°18'43"W
DRIVE
DRIVE
C20
C21
P27
77.7'
EIP
EIP
EIP
EIP

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, * Michael Wetterer/ Next Homes, am the legal owner(s) of the property located at * 178 Ponder Spring Drive, Statesville NC 28677, identified as PIN (Parcel Identification Number) [redacted] 4721412745 Lot 12, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Soil & Forestry Ashley Rollans, 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] * 2/3/21 [signature] 2/3/21

Signature of Owner(s) Date Signature of Witness Date

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 · NC

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

APPLICATION NUMBER
316337 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4721412745.000	178 POWDER SPRING DR	Iredell County

Owner Information	Applicant Information
Name: SILLS SPRINGS DEV LLC	Name: NEST HOMES LLC
Address:	Address: PO BOX 3965
	MOORESVILLE, NC 28117
Phone:	Phone: (704)808-1064

Use Requested	Zone Code
Single Family Dwelling	R-20 CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.007	35	35	15	15	WSIV-PA Catawba/Lake Norman	NO

Remarks
SFD

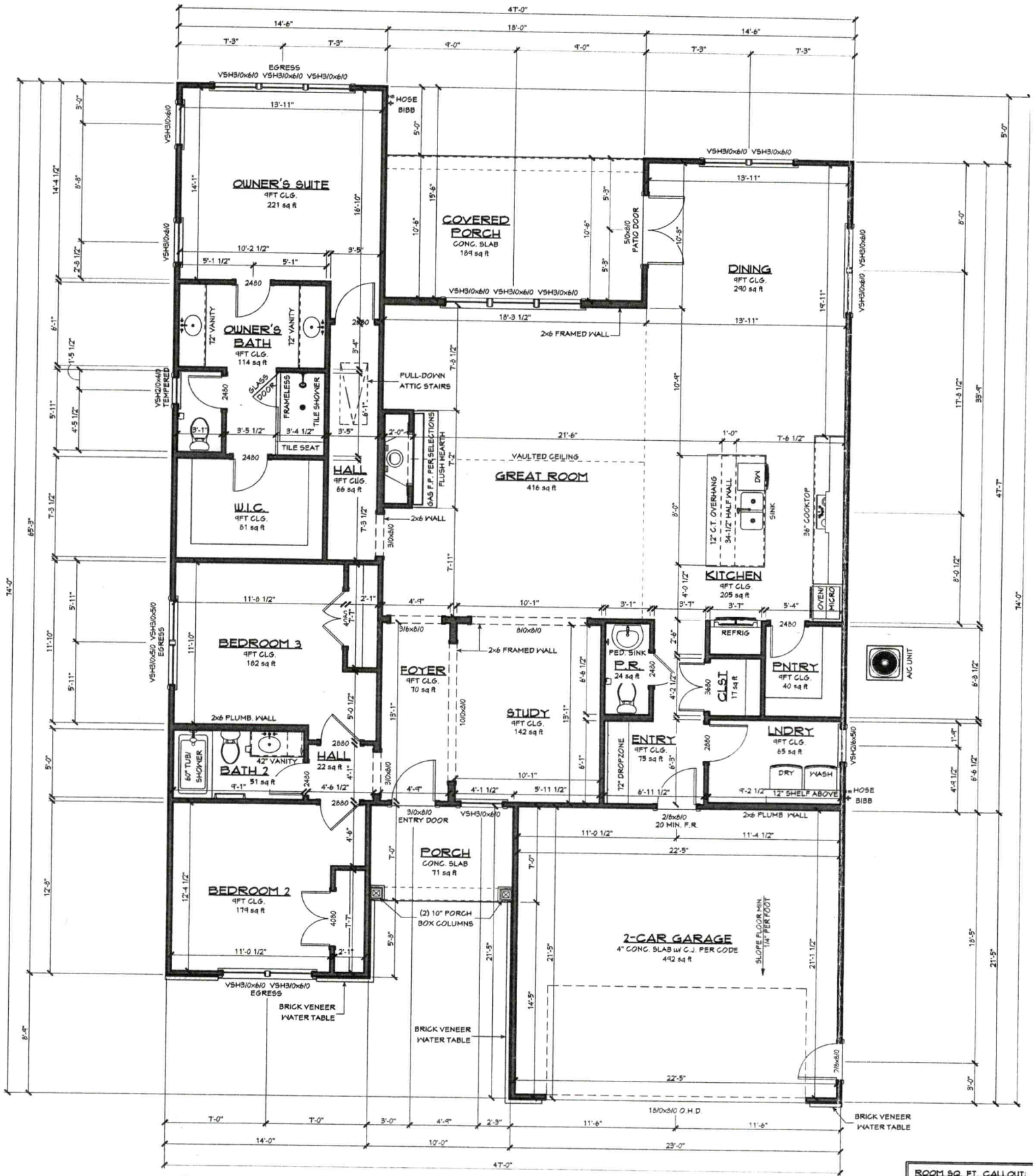
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions,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

[redacted]

Signature of Owner/Contractor

Date: 04/07/2021

Permit Number	316337	TOTAL FEES:	$77.25



1 / A2.0 MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"
WALL HEIGHT: 9'-1 1/8" U.N.O.
WINDOW HEADERS: 8'-0" U.N.O.

ROOM SQ FT CALLOUT:
PLEASE NOTE THAT THE INTER
CALLOUT IS CALCULATED FI
PLEASE ADJUST ACCORDING
WASTE REQUIRED FOR FLOORI