ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 311785

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

PIN # 4721 -- 41 -- 2598

APPLICANT/OWNER: Nest Homes LLC | APPLICANT ADDRESS: P.O. Box 3965 Mooresville NC 28117

SITE ADDRESS: 172 Powder Springs Drive Statesville NC 28677 | PHONE: 980-500-1239 | ALT. PHONE

SITE DIRECTIONS: East Monbo @ to Levi Lane @ to Powder Spring Drive property on the Right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Powder Springs | SECTION: - | LOT # 13 | LOT AREA: .95 Ac | DESIGN FLOW: 4/80 | L.T.A.R.: .275

Septic Tank 1000 (gal) STB 157 Date 3/14/22
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 3 Linear Ft 437
Trench Width 36 in Trench Bottom Depth(Low side) 24 in Gravel Depth -

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: Gravity- 25% Reduction
Repair System Description: 25% Reduction
Maintenance Agreement Required: ☐ YES ☒ NO
☒ GRAVITY ☐ PRESSURE

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

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH

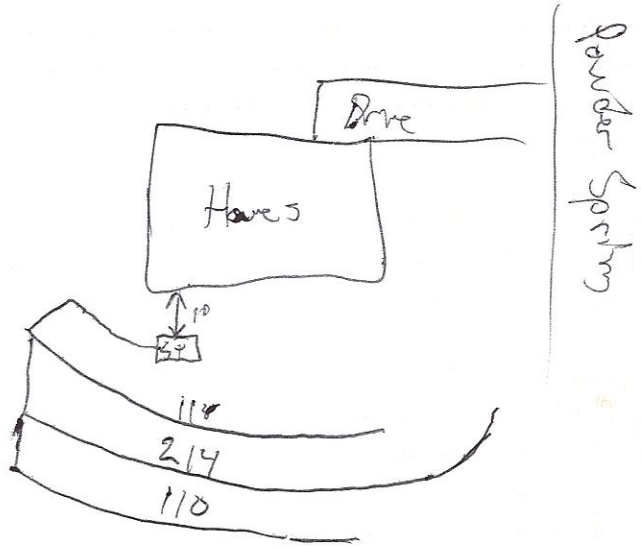
This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas, PA

LSS # 1231 Dated Nov 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.



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**

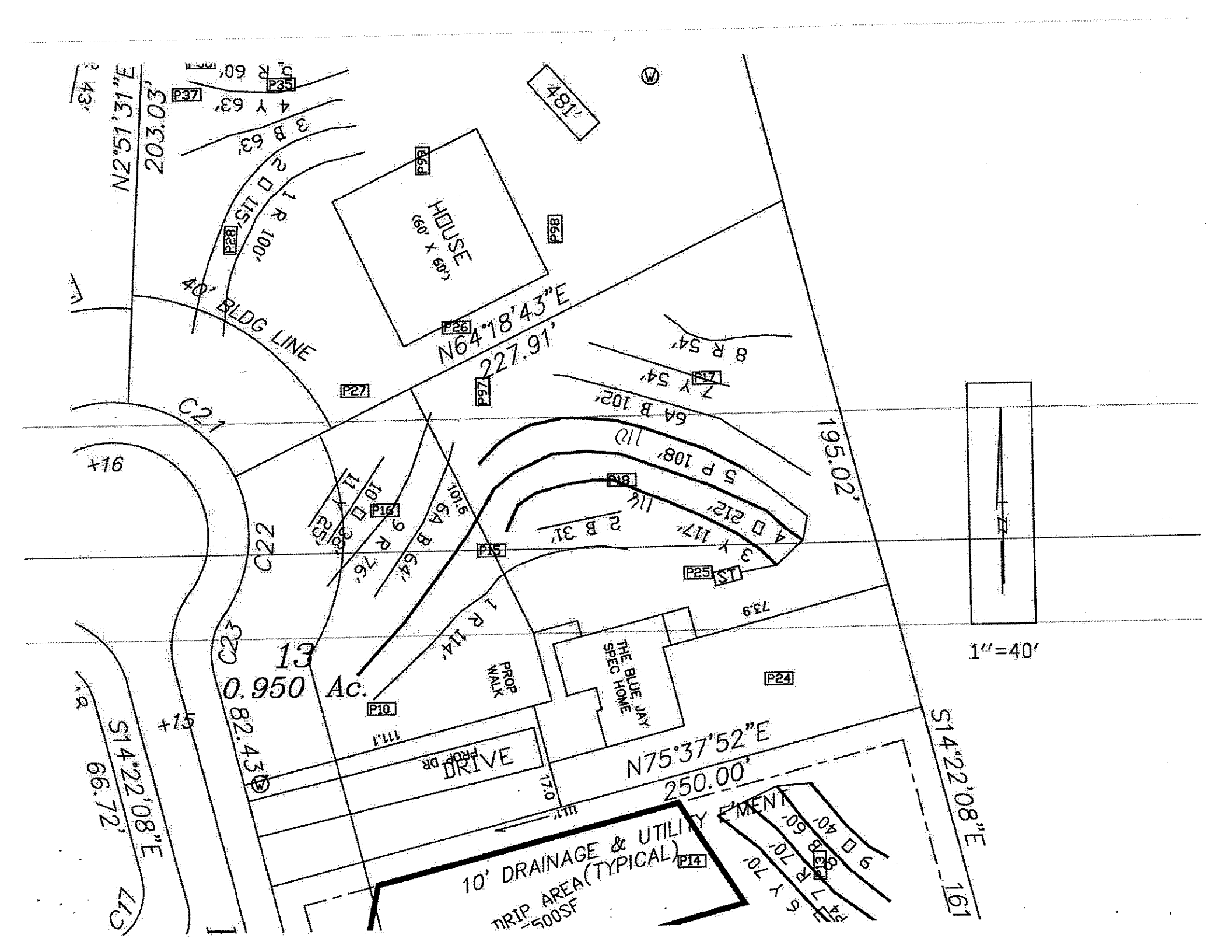
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 3/9/2022 Installed by: Specialty Septic

IMPROVEMENT PERMIT by: Benjamin A Butts Date: 3/9/2022 OPERATION PERMIT by: Matt Wilkie Date: 6/18/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Butts Date: 3/9/2022 Existing System Inspected by: Date:

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


N2°51'31"E
203.03'
481'
HOUSE
(60' x 60')
40' BLDG LINE
N64°18'43"E
227.91'
195.02'
S14°22'08"E
161
C21
C22
C23
C17
+16
+15
13
0.950 Ac.
82.43'
66.72'
S14°22'08"E
THE BLUE JAY SPEC HOME
PROP WALK
PROP DR
DRIVE
N75°37'52"E
250.00'
10' DRAINAGE & UTILITY EASEMENT
DRIP AREA (TYPICAL)
1"=40'

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0059

[redacted]

November 29th 2021

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

RE: Soil & Site Evaluation for a 4 Bedroom Residence on Lot 13 Powder Spring Creek Subdivision, 0.950ac Parcel, PIN# 4721412167, 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 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 eight pit locations on the property flagged and located via GPS. Five of the eight backhoe pits are located in or adjacent to the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each pit. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS and tape measures. Detailed system & repair information is summarized in the following paragraph for this Lot.

Lot 13 *(See Attached Design)*
The septic layout for this lot (9' centers) yielded a total of 994 linear feet of line. The primary system is proposed as 436 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 24 inches. The repair system is proposed as 436 linear feet of Accepted (25% Reduction) drainfield with pressure manifold distribution. There is 558 linear feet available for repair. Trench depth is specified at 24 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 12/6/21

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 13 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 13 Powder Spring Creek Subdivision, Statesville 28677, Iredell County, NC. PIN#: 4721412167

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---------- Submitted

Application---------- 9-10

Green Sheet---------- 11

Agent Authorization Form---------- 12

Floor Plans---------- 13-14

11/29/2021
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 Accepted (25% reduction) installation.
- Repair is specified as an Accepted (25% reduction) installation w/pressure manifold .

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 13
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	480	
Loading Rate (gpd/ft.^{2}):	0.275	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth:	24 in.	Repair Trench Bottom 24 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	
Estimated Supply Line Length:	14	
Supply Line Diameter:	4 in. SCH 40 PVC	
Supply Line Volume:	9.14	
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}):	0.275
TOTAL AREA TRENCH BOTTOM:	1308
TOTAL LATERAL LENGTH:	~~436~~ 437
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	~~436~~ 437
SUPPLY LINE LENGTH:	14
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 13

Project #: 20-0059

11/29/21 ~~10/08/2020~~

LAYOUT FOR 4 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	RED					114	114
2	BLUE					31	31
3	***YELLOW***					*116*	~~116~~ 117
4	***ORANGE***					*212*	*212*
5	***PINK***					*108*	*108*
6A	BLUE					102	102
6B	BLUE					64	64
7	YELLOW					54	54
8	RED					54	54
9	RED					76	76
10	ORANGE					38	38
11	YELLOW					25	25
					Total	994	994

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
* *System*	~~436~~ 437	*0.275*	*ACCEPT.*	*0.275*	*25% RED*	*GRAVITY*	24"
Repair	558	0.275	ACCEPT.	0.275	25% RED	PRESSURE MANIFOLD	24"

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)

CALCULATIONS

Location	Powder Spring Creek Subdivision Off Levi Lane	
Project Number	20-0059	
Lot No:	13	
No. of Bedrooms	4	
Design Flow	480	$^{gal}/_{day}$
LTAR	0.275	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	NO	
Supply Line Length	14	ft.
Supply Line Volume	9.142	gal.
Required Feet of Line	436	ft.
Amount of Line from Layout	436	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 2
PROPERTY ID #: 4921412167
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nest Homes (Buyer)
ADDRESS: 936 Raceway Dr. Suite 7, Mooresville, NC 28117
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: Powder Spring Dr, Statesville NC 28677 Lot 13
APPLICATION DATE
DATE EVALUATED: 2020
PROPERTY SIZE: 0.950 ac
PROPERTY RECORDED:
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P10	L/7%	0-10	BSL Gr	Fr SS SP SEXP		62			PS 0.3
		10-20	BSCL wfsbK	Fr SS SP SEXP					
		20-40	RC wmsbK	Fr SS SP SEXP					
		40-62	RBCL wfsbK	Fr SS SP SEXP	Few SAP Irel.				
P15	L/8%	0-2	BBSL wfsbK	Fr SS SP SEXP		48	PS	—	PS 0.3
		2-6	RBSCL wmsbK	Fr SS SP SEXP					
		6-30	RC wmsbK	Fr SS SP SEXP					
		30-48	RCL wfsbK	Fr SS SP SEXP					
		48-62	VARL. MASS	Fr SS SP					
P16	L/6%	0-3	DBSC wfsbK	Fr SS SP SEXP		42			PS 0.275 to 52"
		3-8	RBSCL wfsbK	Fr SS SP SEXP					
		8-33	RC wmsbK/VARK	Fr SS SP SEXP					
		33-42	BRSC/CL wfsbK	Fr SS SP SEXP					
		42-60	VAR. L. MASS	Fr SS SP	Cu. 2.5Y 6/2				
P17	L/3%	0-20	BSL gr	Fr SS SP		39	PS	—	PS 0.275- 0.3
		20-39	RC wfsbK	Fr SS SP SEXP					
		39-43	VAR SL MASS	F SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	0.275	0.275

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

COMMENTS:

SOIL/SITE EVALUATION
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4734141216 7
DATE OF EVALUATION: 2020
COUNTY: Iredell

Lot 13

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 18	L/3%	0-3	DBSL wfsbk	Fr SS SP SEXP		58			PS 0.3
		3-8	RBSCL wmABK/sbk	Fr SS SP SEXP					
		8-30	RC mmABK	Fr SS SP SEXP					
		36-44	BRCL wfsbk	Fr SS SP SEXP					
		44-58	RBCL/fl wfsbk	Fr SS SP SEXP					
P 24	L/8%	0-9	BSCL wfsbk	Fr SS SP SEXP	- Few Schist - 0.5% Schist ~20%	50			DS 0.275
		9-38	RC wmABK/sbk	Fr SS SP SEXP					
		38-50	RBCL wfsbk	Fr SS SP SEXP					
P 25	L/4-5%	0-3	BSCL wfsbk	Fr SS SP SEXP		14		14	UN
		3-14	BRC wmABK/sbk	Fr SS P					
		14-30	75% Rock						
P 97	L/6%	0-4	RBCL wmsbk	Fr SS SP SEXP		30		30	DS 0.25-0.275
		4-30	RC wfsbk	Fr SS SP SEXP					
		30-52	75% Rock						

COMMENTS:

RECEIVED DEC 07 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

S.L. AP-311785 $500.00

Application For:

( ) Septic Improvement Permit [X] New Well Permit [X] Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

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

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

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet [X] Custom Site Plan, scaled no more than 1 inch = 60 feet

Place an (X) beside whichever is submitted if applicable

Applicant Information: (PRINT CLEARLY)

Applicant Name: Nest Homes, LLC Address: P.O. Box 3965, Mooresville, NC Zip: 28117

Applicant Email: jdubois@nesthomes.com Phone: 980-500-1239 Alt. Phone: _____

Owner Name: _____ Address: P.O. Box 3965, Mooresville, NC Zip: 28117

Owner Email: jdubois@nesthomes.com Phone: 980-500-1239 Alt. Phone: _____

Property Information:

Street Address: 172 Powder Springs Drive, Statesville, NC 28677

Subdivision Name: Powder Springs Section/Phase: _____ Lot Number: 13

Driving Directions: HWY 77N, exit 42 and take a left, HWY 21N, left onto Old Mountain RD, left onto East Monbo RD, right onto Levi LN, left onto Powder Spring DR, property located on the right

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

[X] New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

Maximum Number of Bedrooms: 04
Maximum Number of Occupants: 08
( ) Swimming Pool
( ) Other Addition/Structure: _____

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

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

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

[X] New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative [X] 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: Shannon A Kolbus 12/6/21

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

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

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, Eric Wood, am the legal owner(s) of the property located at 172 Powder Springs Drive, Statesville, NC 28677, identified as

PIN (Parcel Identification Number) 4721412598.000, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Jenna DuBois / SFS-Ashley Rollins Nest Homes, LLC, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ _____

Signature of Owner(s) Date

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

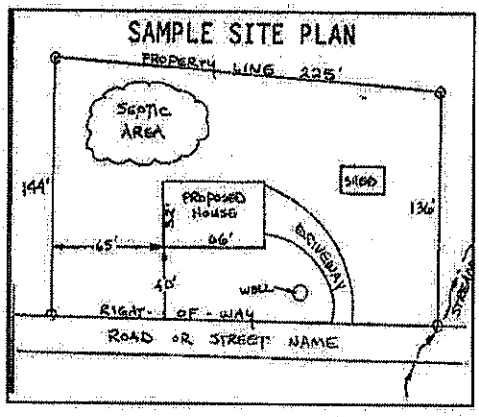
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location
- (X) Preferred well location
- ( ) 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

****PLEASE SEE ATTACHED PLOT PLAN****

Signature: _____ 12/6/21

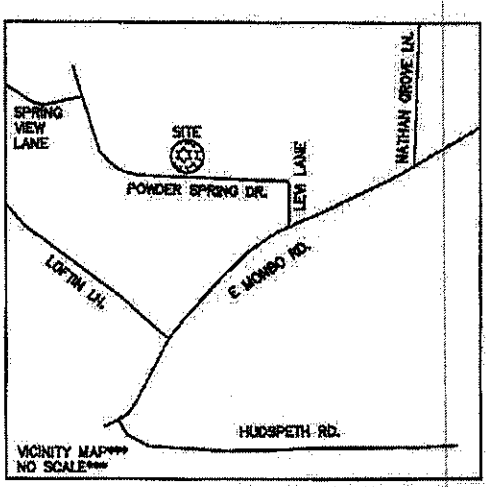
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

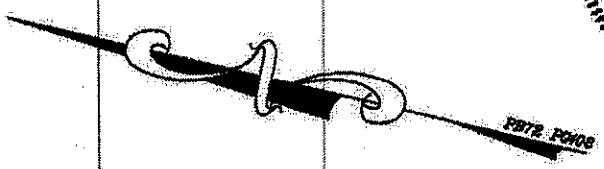
DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

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 20, day of AUGUST, A.D. 20 21.

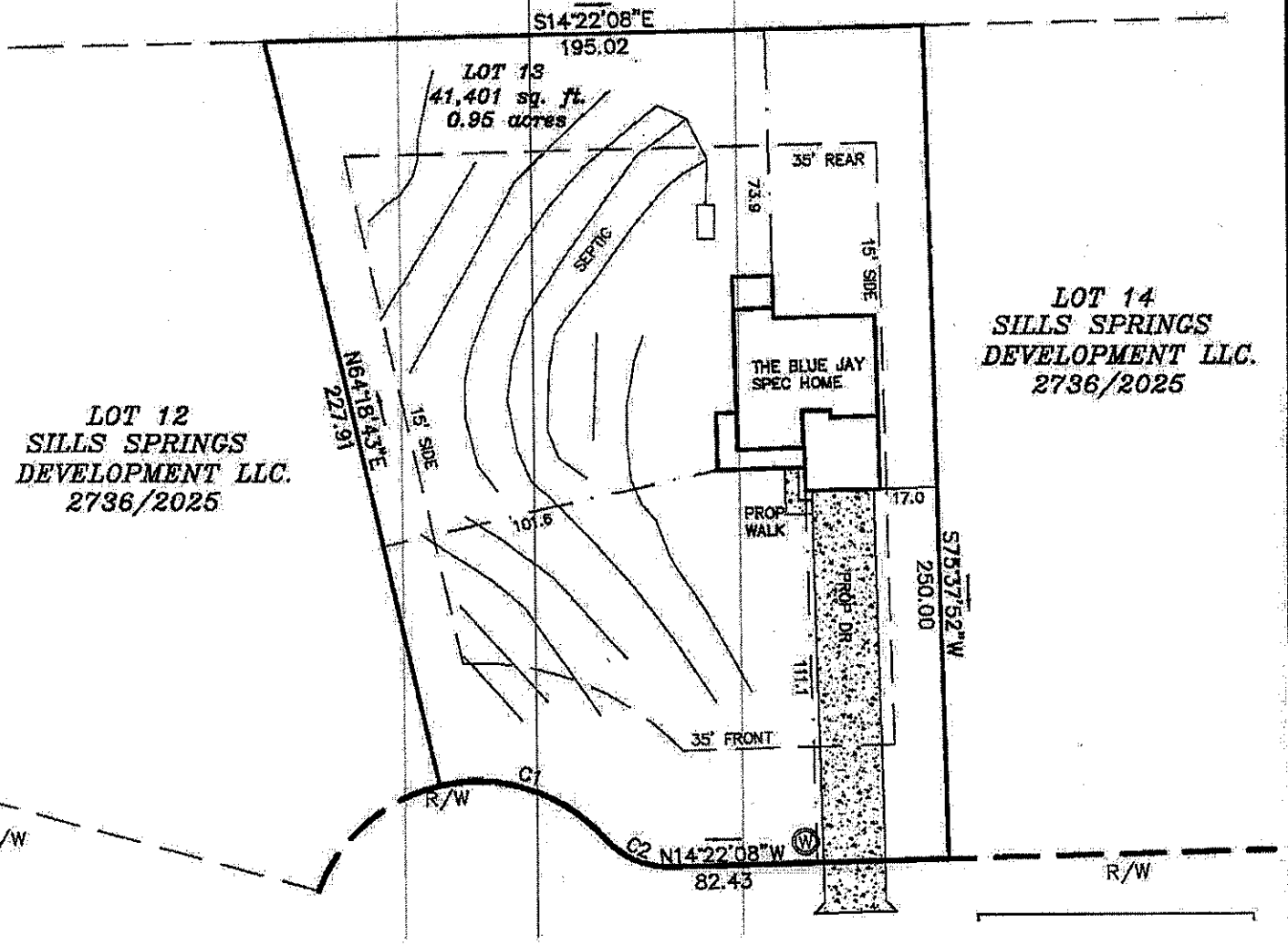
WILLIAM M. ALLEN

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





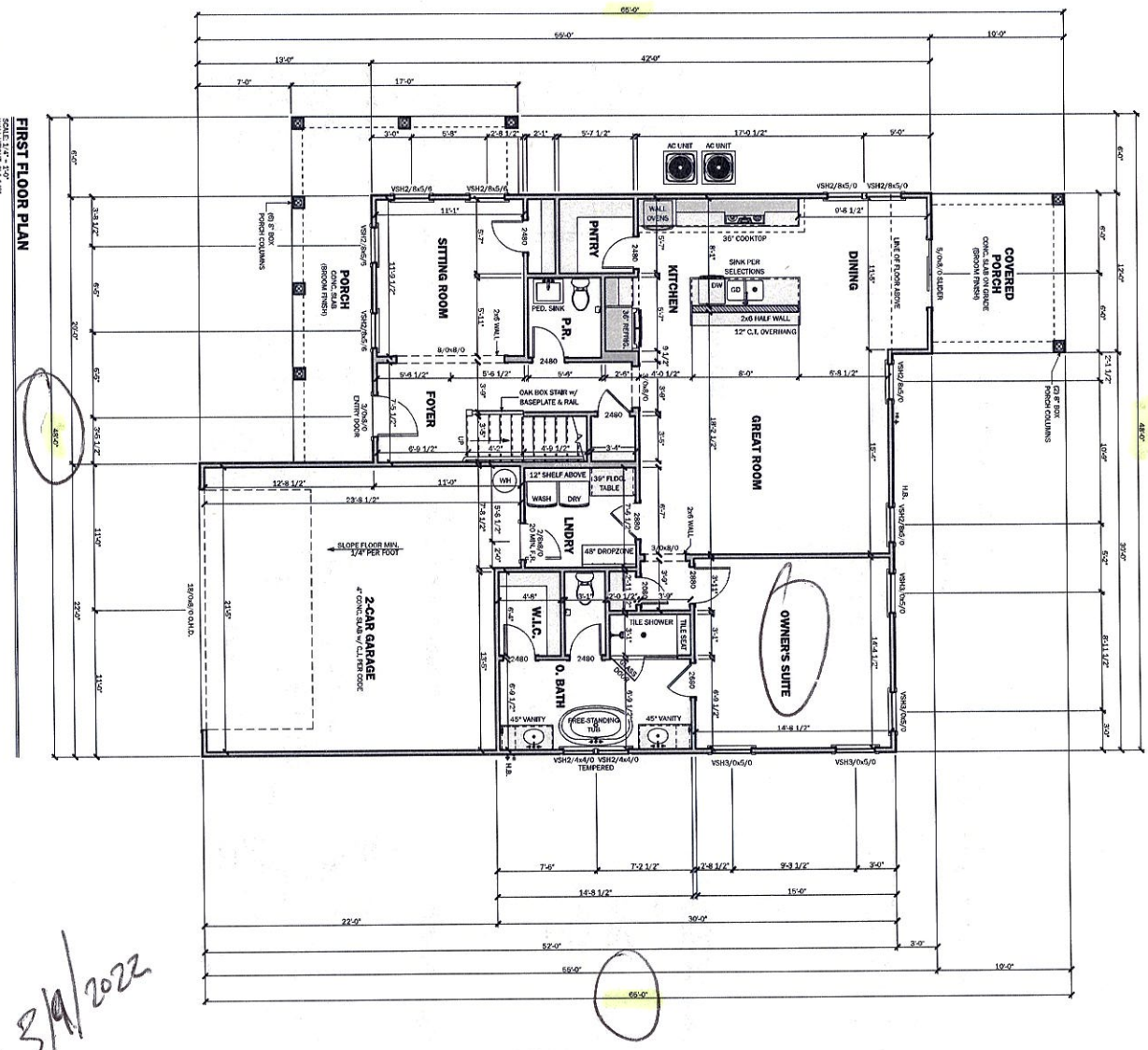
PARCEL#: 4721417836
ROBYN M. &
ADAM C. OSTWALT
2406/205



LOT 12
SILLS SPRINGS
DEVELOPMENT LLC.
2736/2025

LOT 14
SILLS SPRINGS
DEVELOPMENT LLC.
2736/2025

C:\Users\ryank\Dropbox (Rust Homes)\RUST HOMES - HOMEBUILDING\architectural services\2_production\POWDER SPRINGS\LOT 12\PS12_BLUE JAY_R4_STEM.layout plot scale: 11"x17": 1/8" = 1'-0" 24"x36": 1/4" = 1'-0" plot date: Wednesday, July 21, 2021 8:52:55 AM



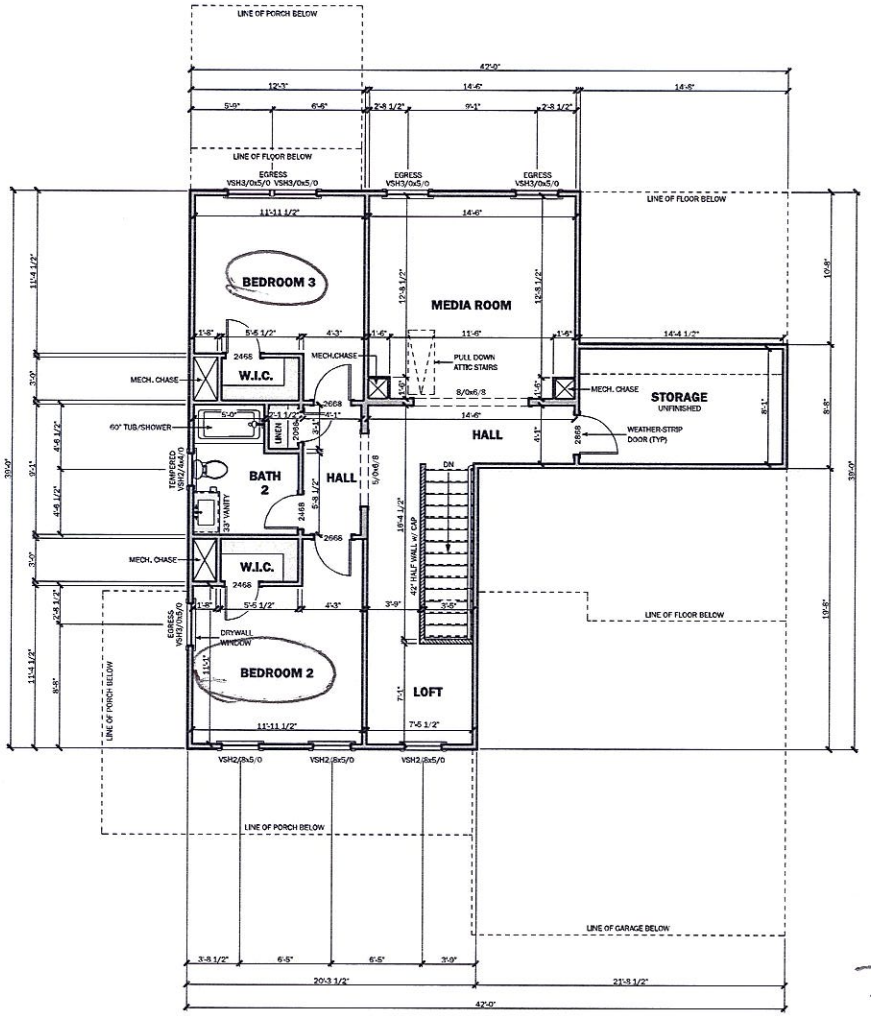
BNB 3/9/2022

Acknowledgement Of Plans Submittal ONLY!

Date 3/9/22

Date

Sheet Number: A3.0	Project Name/Owner: THE BLUE JAY SPEC HOME		Engineer: IDE		Township/County: TOWNSHIP COUNTY		RUST HOMES 236 McGWAY DRIVE SUITE 217 MOORESVILLE, NC 28117 www.rustbuilders.com
Builder Plan Version: v1.0	POWDER SPRINGS LOT 12		INTELLIGENT DESIGN BUILDING SOLUTIONS 1940 JEFFREAS PLACE CHARLOTTE, NC 28262 CONTACT: KEITH A.E. CONTACT: KEITH A.E. 704-535-7260		Stamp/Seal:		
	172 POWDER SPRING DR. STATESVILLE, NC 28677						
Drawing Set: FOR CONSTRUCTION	Project Plan Code: —	Plan Scale: 24x36 sheet 1/4" = 1'-0" 11x17 sheet 1/8" = 1'-0"	Reviewed by: —	Drawn By: RES	Date: 7/21/2021	© 2021 copyright notice Rust Homes. All rights reserved. These plans are the property of Rust Homes and are not to be reproduced, changed, or distributed in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the written permission and consent of Rust Homes. Any unauthorized use of these drawings is strictly prohibited and proprietary information that may be contained herein is not to be used in whole or part, without written authorization from Rust Homes.	
Sheet Title Description: FIRST FLOOR PLAN							



SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
WALL HEIGHT: 8'-1 1/8"
WINDOW HEADERS @ 7'-0" A.F.F.

3/14/22

Acknowledgement Of Plans Submittal ONLY!

Date 3/9/22

Date

236 RACEWAY DRIVE
SUITE 7
MOORESVILLE, NC 28117
704-208-4251
www.nesthomes.com

Township/County
TOWNSHIP
COUNTY

Engineer

INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE
#204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORPORATE LIC. #C-3118
704-333-7200

Stamp/Seal

Project Name/Owner
THE BLUE JAY
SPEC HOME

POWDER SPRINGS
LOT 13

172 POWDER SPRING DR.
STATESVILLE, NC 28677

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Date
7/21/2021

Drawn By
RES

Reviewed By
—

Plan Set Scale
24x36 sheet
1/4" = 1'-0"

11x17 sheet
1/8" = 1'-0"

Project Plan Code
—

Drawing Set
FOR CONSTRUCTION

Sheet Title Description
SECOND FLOOR PLAN

Sheet Number
A4.0

Master Plan Version
v1.0

IREDELL COUNTY · NC

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

APPLICATION NUMBER
311785 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4721412598.000	172 POWDER SPRING DR	Iredell County

Owner Information	Applicant Information
Name: RH FUND XII LLC	Name: NEST HOMES LLC
Address: 2250 NW FLANDERS ST STE G02	Address: PO BOX 3965
PORTLAND, OR 97210	MOORESVILLE, NC 28117
Phone:	Phone: (704)808-1064

Use Requested	Zone Code
Single Family Dwelling	R20CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.95	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.

Date: 10/14/2020

Signature of Owner/Contractor

Permit Number	311785

TOTAL FEES:	$77.25

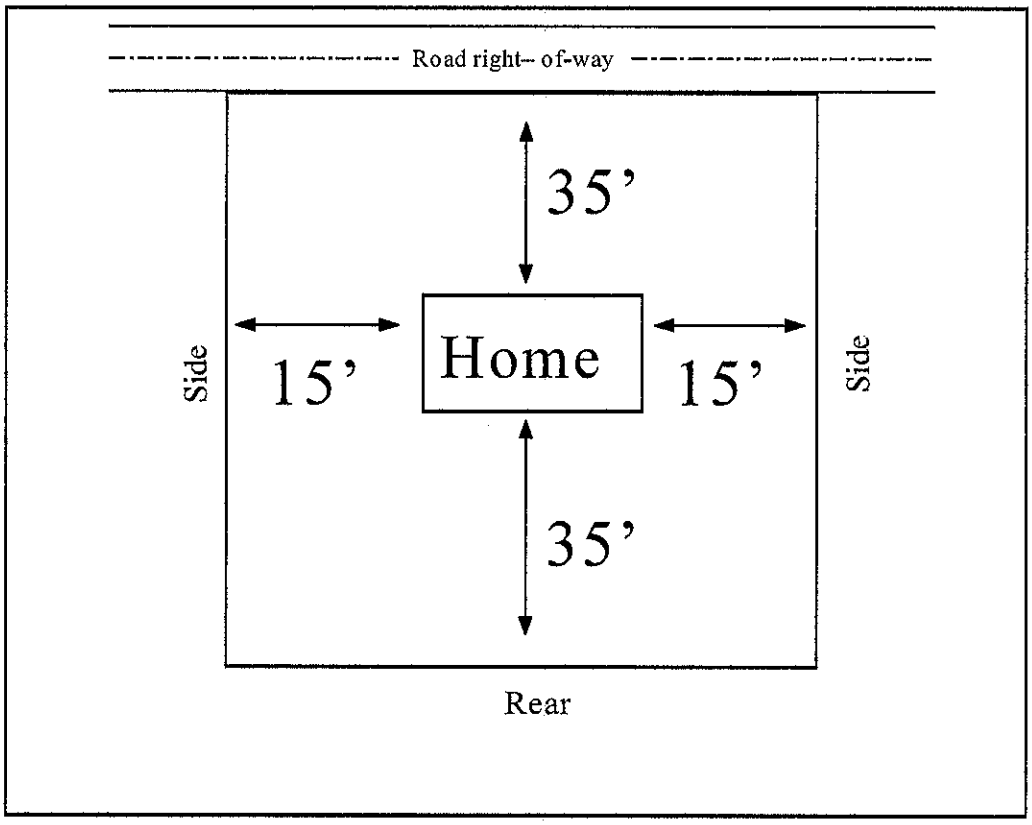
ZONING DISCLAIMER

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

J. Michael Hotter J. 10/14/20

Applicant Date

STREET NAME: 172 POWDER SPRING



In the box above indicate the location of the building's or structure's, their orientation to the front of the lot as indicated, and the setback distances to all property lines and the distances to any other building's or structure's on the lot. Also indicate the size/shape of the lot and the corresponding dimensions when necessary. The front of the lot is the portion which abuts a public right of way or easement.