ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 311059.

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

✓ PIN # 4721 -41 -4131

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

SITE ADDRESS: 148 Powder Springs Drive, Statesville, NC 28677 PHONE: 980-500-1239 ALT. PHONE —

SITE DIRECTIONS: East Monbo to Levi Lane T/L to Powder Springs Drive SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: ✓ Powder Springs Creek SECTION: - LOT # 16 ✓ LOT AREA: .924 Ac DESIGN FLOW: 480 L.T.A.R.: .25

Septic Tank	1000	(gal)	STB 760	Date	9-12-2021	☒ New System	☐ Repair	☐ Expansion	System Type: I II ✓ IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank		(gal)	PT	Date		System Description:	Gravity - 25% Reduction			☐ Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description:	HPPBPS - 50% Reduction			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft:	480	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36 in	Trench Bottom Depth	24 in max	Gravel Depth	-		☒ GRAVITY	☐ PRESSURE		☒ Basement w/plumbing	☐ 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 March 9th 2021

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Installed as Drawn

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

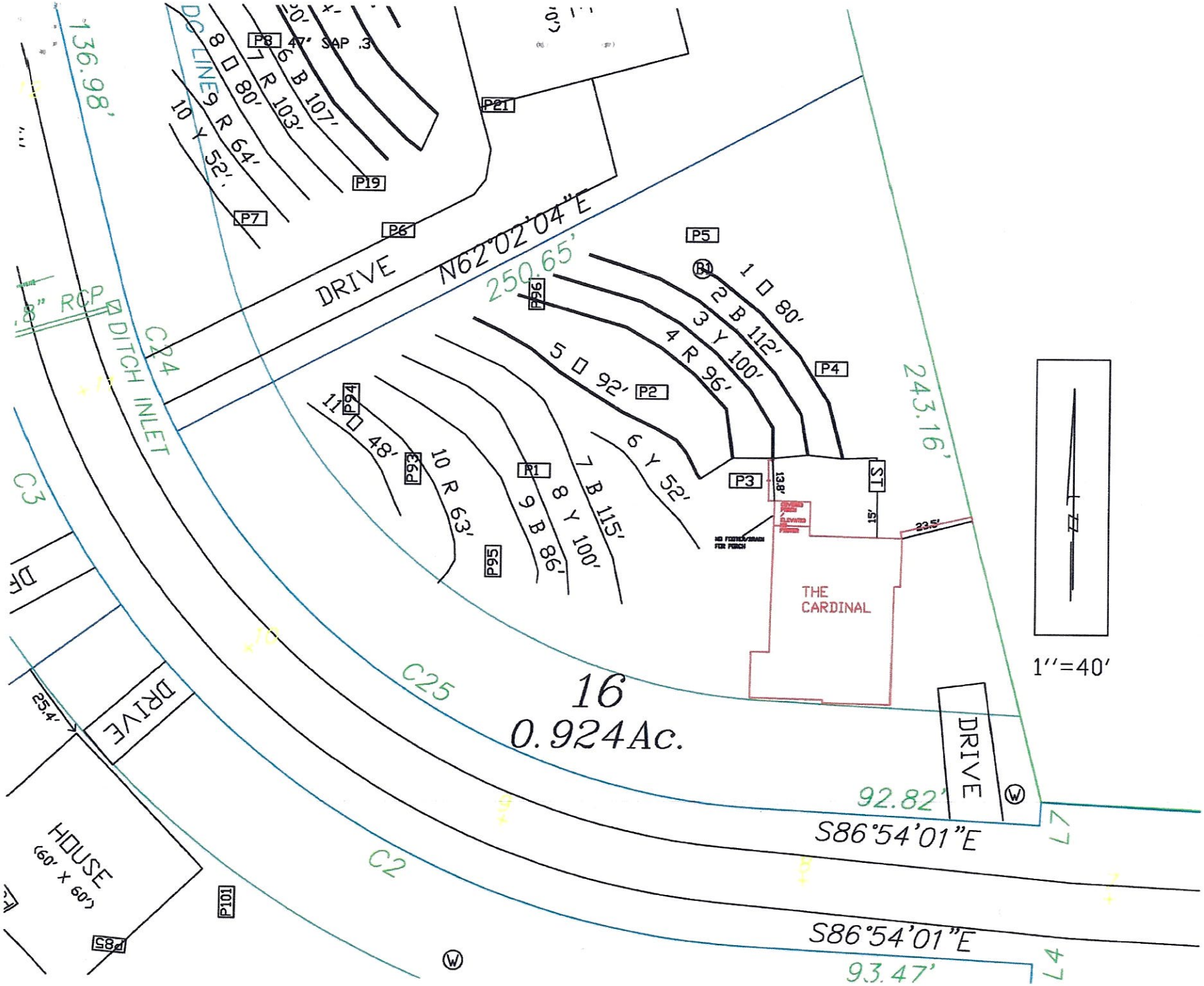
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 3/30/21 Installed by: Specialty Septic

IMPROVEMENT PERMIT by: Benjamin A Bittle Date: 3/26/2021 OPERATION PERMIT by: [signature] Date: 11-24-2021

AUTHORIZATION TO CONSTRUCT by: Benjamin Bittle Date: 3/26/2021 Existing System Inspected by: Date:

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


136.98'
DC LINE
8 □ 80'
7 R 103'
6 B 107'
10 Y 52'
9 R 64'
P8
47" SAP .3
P21
P19
P7
P6
DRIVE
N62°02'04"E
250.65'
P5
P96
1 □ 80'
2 B 112'
3 Y 100'
4 R 96'
P4
5 □ 92'
P2
243.16'
11 □ 48'
P94
P93
10 R 63'
P95
P1
9 B 86'
8 Y 100'
7 B 115'
6 Y 52'
P3
ST
13.8'
15'
23.5'
THE CARDINAL
8" RCP
DITCH INLET
C24
C3
C25
C2
16
0.924Ac.
DRIVE
25.4'
HOUSE
(60' x 60')
P101
P85
92.82'
S86°54'01"E
93.47'
S86°54'01"E
1''=40'

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0059
March 9th, 2021

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

RE: Soil & Site Evaluation for a 4 Bedroom Residence on Lot 16 Powder Spring Creek Subdivision, 0.924 ac 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.

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 nine pit locations on the property flagged and located via GPS. Eight of the nine 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 16 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 985 linear feet of line. The primary system is proposed as 480 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 24 inches. The repair system is proposed as 320 linear feet of HPPBPS (50% Reduction) drainfield with gravity distribution. There is 456 linear feet available for repair. Trench depth is specified at 22 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
Signature

3/1/21

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 16 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 16 Powder Spring Creek Subdivision, Statesville 28677, Iredell County, NC. PIN#: 4721412167

Contents:

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Design Information	
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Layout Specifications	4
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Calculations	6
Profile Descriptions	7-8
Zoning Permit & Receipt	9-11
Application	12-13
Green Sheet	14
Agent Authorization Form	15

3/9/2021
Project #: 20-0059
Design By: Soil & Forestry Services of the Carolinas, PA

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 16
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}):	0.25	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth:	24 in.	Repair Trench Bottom 22 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	

Estimated Supply Line Length:	8
Supply Line Diameter:	4 in. SCH 40 PVC
Supply Line Volume:	5.22
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}):	0.25
TOTAL AREA TRENCH BOTTOM:	1440
TOTAL LATERAL LENGTH:	480
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	480
SUPPLY LINE LENGTH:	8
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 16

Project #: 20-0059

LAYOUT FOR 4 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	3/9/2021 DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***ORANGE***					***112***	***80***
2	***BLUE***					***115***	***112***
3	***YELLOW***					***103***	***100***
4	***RED***					***98***	***96***
5	***ORANGE***					***93***	***92***
6	YELLOW					52	52
7	BLUE					115	112
8	YELLOW					100	100
9	BLUE					86	84
10	RED					63	60
11	ORANGE					48	48
					Total	985	936

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
** System*	***480***	***0.250***	***ACCEPT.***	***0.250***	***25% RED***	***GRAVITY***	24"
Repair	456	0.250	MOD. CONV.	0.250	HPPBPS	GRAVITY	22"

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:	16	
No. of Bedrooms	4	
Design Flow	480	$^{gal}/_{day}$
LTAR	0.250	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	NO	
Supply Line Length	8	ft.
Supply Line Volume	5.224	gal.
Required Feet of Line	480	ft.
Amount of Line from Layout	480	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

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 3
PROPERTY ID #: 4924 1216
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nest Homes (Buyer)
ADDRESS: 236 Rosemary Dr. Suite N, Mooresville, NC 28117
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: Lot 116- Powder Spring Creek Subdivision
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
APPLICATION DATE
DATE EVALUATED: 2020
PROPERTY SIZE: 0.924AC
PROPERTY RECORDED:
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 1	L/5%	0-14	BSL Gr	Fr SS SP SE XP	Few Fe Depl.	70"	—	—	PS .25
		14-26	RBSCL wfsbk	Fr SS SP SE XP	Few to C Fe Depl. 18-38"				
		26-62	BRSC wmsbk	Fr SS SP					
		62-70	RBSCL wfsbk	Fr SS SP	Few SAP Inclus.				
P 2	L/5-8%	0-8	BSL Gr	Fr SS SP SE XP	C SAP Perch Vein @ 5-10% @ Pit	40"	PS	—	PS .275-.3
		8-32	BAC wmsbk	Fr SS SP SE XP					
		32-40	RBSCL wfsbk	Fr SS SP					
		40-65	VAR. SL MASS	Fr SS SP					
P 3	L/6-10%	0-7	BSL Gr	Fr SS SP SE XP	Few SAP Incl.	54"	PS.	—	PS .3
		7-12	RBSCL wmsbk/fsbk	Fr SS SP SE XP					
		12-40	RC wmsbk/fsbk	Fr SS SP					
		40-54	RBCL wfsbk	Fr SS SP					
		54-68	VAR. SL MASS	Fr SS SP					
P 4	L/3-5%	0-8	Fill		Continued on next Page.				
		8-14	BSL Gr	Fr SS SP SE XP					
		14-18	BSCL wfsbk	Fr SS SP					
		18-26	RBSC wmsbk	Fr SS SP					
		26-39	BAC wmsbk	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted 25%	1 PP BPS
Site LTAR	0.25	0.25

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4782141216857
DATE OF EVALUATION: 2020
COUNTY: Iredell

Lot 16

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P4	L/3-5%	39-46	RBCL/SCL wfsbk	Fr SS SP	C. to Many SAP Inclusions	38"	PS	—	PS .3
		46-61	VAR. SL. MASS	Fr SS SP					
P5	L/4-8% *Upper Side of P+) *Lower Side 21-39 (CR) Schist	0-3	BSL Gr	Fr SS SP SEXP	C. SAP Few Saltin/Veins	43"	Marg.	—	PS-43 .25-.275
		3-8	RBCL wfsbk	Fr SS SP SEXP					
		8-24	BRC wmsbk/ABK	Fr SS SP					
		24-43	RBCL/SCL wfsbk	Fr SS SP					
		43-60	CR						
	39-60 VARSLMASS								
P93	L/5%	0-8	BSL Gr	Fr SS SP SEXP	Few Fe Depl.	62"	—	—	PS .25-.275
		8-17	BSCL wfsbk	Fr SS SP SEXP					
		17-43	BRSC wmsbk	Fr S P					
		43-62	RSC/C wmsbk	Fr SS SP SEXP					
P94	L/10%	0-6	BSL Gr	Fr SS SP SEXP	Few to C. SAP	50"	—	—	PS .275-.3
		6-14	RBSCL wfsbk	Fr SS SP SEXP					
		14-40	BRSC/C wmsbk/ABK	Fr SS SP SEXP					
		40-50	RBSCL/CL wfsbk	Fr SS SP SEXP					

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4782141216?
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 95	L/6%	0-6	BSL Gr	Fr SS SP SEXP					PS 0.25
		6-14	RBSCL wfsbk	Fr SS SP SEXP					
		14-48	RBSCL wmsbk	Fr SS SP SEXP	Fe Depl @ 36" Chr 2.5 @ 39"	48"	—	—	
P 96	L/6-8%	0-5	BSL Gr	Fr SS SP SEXP					PS
		5-12	RBSCL wfsbk	Fr SS SP SEXP					0.25- .275
		12-44	BRSC wmsbk/Abk	Fr SS SP SEXP	Few Quartz Few Fe Depl	48"	—	—	
		44-48	RBSCL wfsbk	Fr SS SP	Few to C SAP				
B 1	L/40%	0-6	BSL Gr	Fr SS SP SEXP					PS .3
		6-12	RBSCL wfsbk	Fr SS SP SEXP					
		12-36	BC wmsbk	Fr SS SP		49"	—	—	
		36-49	RBCL wfsbk	Fr SS SP	Few SAP Inch.				

COMMENTS:

RECEIVED MAR 18 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

S.L. AP-31059 $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
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, LLC **Address:** P.O. Box 3965, Mooresville, NC **Zip:** 28117

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

Owner Name: Sills Springs Development, LLC **Address:** P.O. Box 3965, Mooresville, NC **Zip:** 28117

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

Property Information:

Street Address: 148 Powder Springs Drive, Statesville, NC 28677

Subdivision Name: Powder Springs **Section/Phase:** **Lot Number:** 16

Driving Directions: East Monbo Rd to Levi Lane, T/L Powder Springs Drive

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

CHECK FOUNDATION TYPE

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

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

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

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

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

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

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed:
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other:

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: Jenna DuBois 2/10/21

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

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

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

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

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

2. I, Eric Wood of Sills Springs Development, LLC, am the legal owner(s) of the property located at 148 Powder Springs Drive, Statesville, NC 28677, identified as

PIN (Parcel Identification Number) 4721414131.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Jenna DuBois & Kayla Enriquez 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.

Eric Wood
Signature of Owner(s)

2/10/21
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

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.

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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: Powder Spring Dr. Statesville NC 28677
Subdivision Name: Powder Spring Creek **Section/Phase:** **Lot Number:** 110
Driving Directions: East Monbo Rd to Levi Lane, Left onto 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: [redacted] 3/9/21
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

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, * NEST Homes, am the legal owner(s) of the property located at *, identified as PIN (Parcel Identification Number) 4729412167 Lot 16, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Sc:l d Forestry, 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.

* _____ * 3/2/21 _____ 3/2/21

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

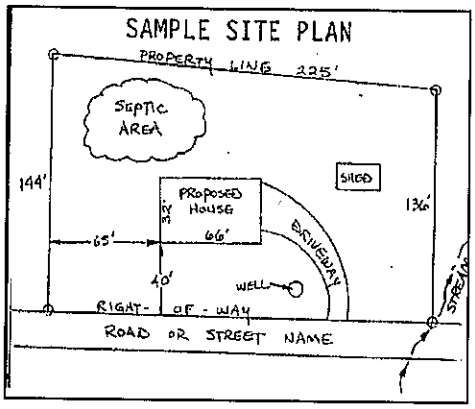
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

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

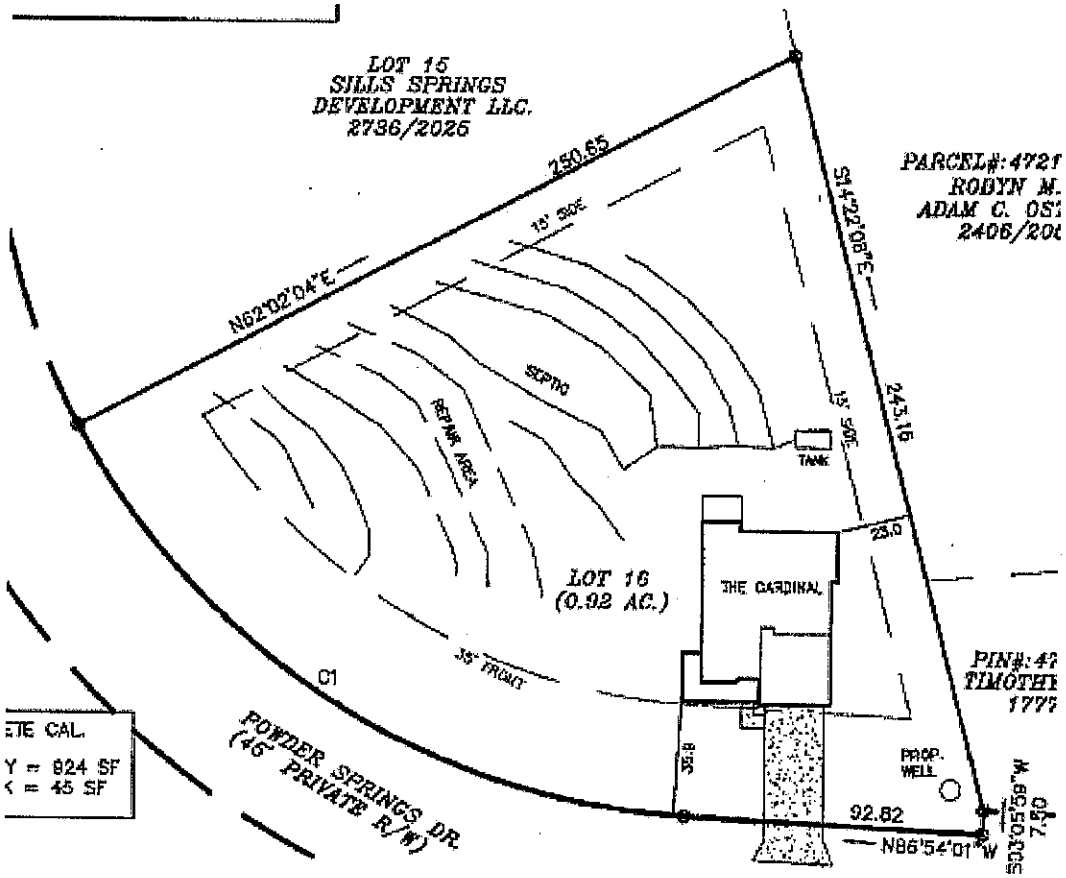


Circle N/A on the following if appropriate:

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



Signature: Jenna DuBois

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

2/10/21

DATE

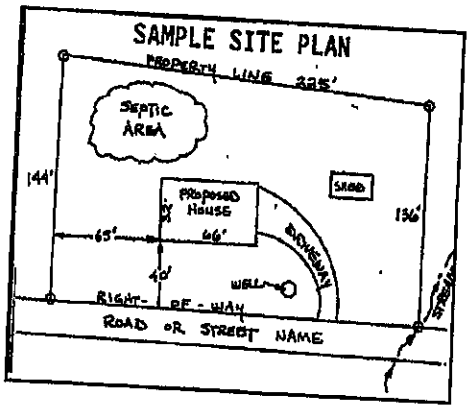
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

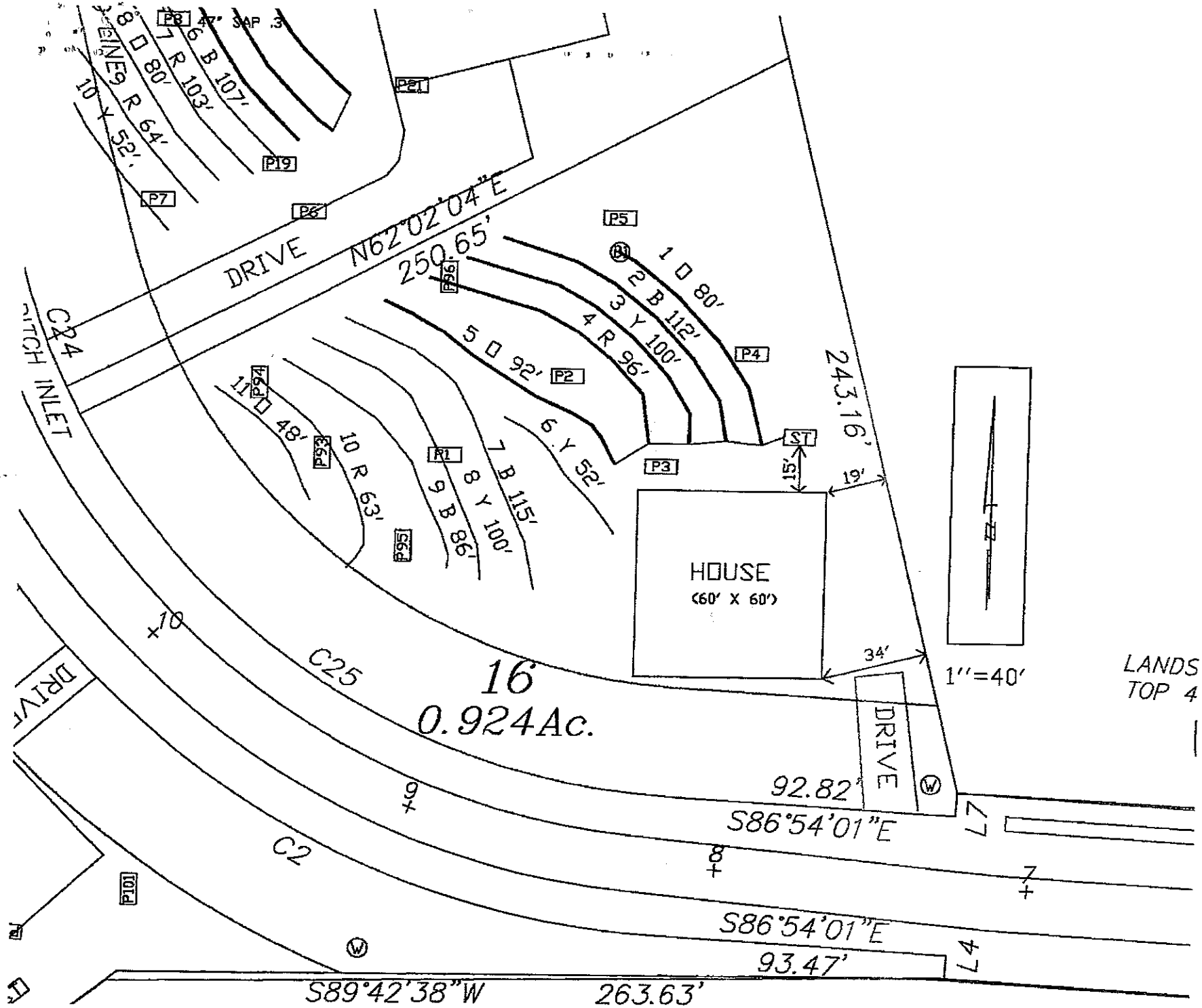
USE THIS SPACE TO DRAW YOUR SITE PLAN

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

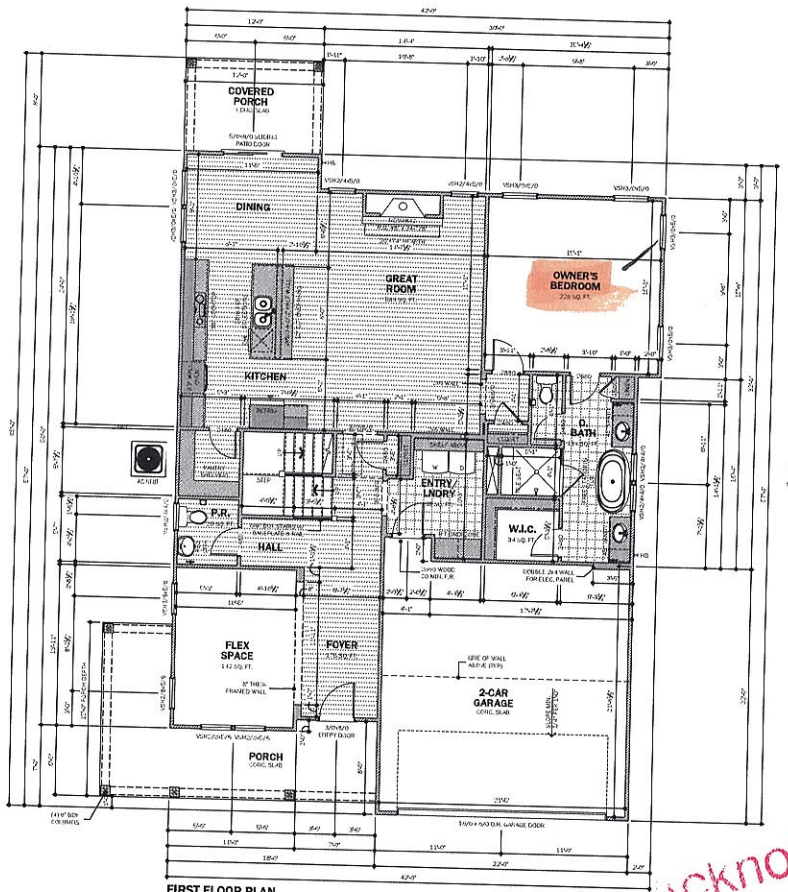
Signature: _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

[redacted] 3/9/21
DATE


P8
47' SAP .3
8 D 80'
7 R 103'
6 B 107'
5 Y 100'
4 R 96'
3 Y 100'
2 B 112'
1 D 80'
10 X 52'
P21
P19
P7
P6
P5
P96
P4
P2
P3
ST
P24
P93
P1
P95
DRIVE
N62°02'04"E
250.65'
243.16'
15'
19'
HOUSE
(60' X 60')
34'
1"=40'
LANDS
TOP 4
C24
ITCH INLET
C25
16
0.924Ac.
DRIVE
92.82'
S86°54'01"E
L7
C2
P101
S86°54'01"E
93.47'
L4
S89°42'38"W
263.63'

C:\Users\Neat\Neat Boxes\Dropbox (Neat Homes)\CAD FOLDER_OUTSOURCE\POWDER SPRINGS\LOT 16\PSFP16_CARDINAL_SN_MSRO_050421.dwg Plot Date: Thursday, February 4, 2021 8:56:24 AM Plot Scale: 1"=1'-0" = 1/8"=1'-0" 22"x36" = 1/4"=1'-0" Plotted System: Plotted Model

42'-



FIRST FLOOR PLAN

WALL STUD REQUIREMENTS	
EXT. WALL HEIGHT (ft)	STUD SIZE AND SPACING
8 < 10'-0"	2x4 @ 16" O.C.
10'-0" < h < 11'-0"	2x4 @ 12" O.C.
11'-0" < h < 14'-0"	2x6 @ 16" O.C.
h > 14'-0"	CONSULT ENGINEER

I-JOIST NOTES

FRAMING CONSTRUCTION NOTES:

SPACED WALL LINE TYP.
THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONSERVATIVELY SHEATHED 2x6 WALL LAYOUT WITH 7/16 OSB SHEATHING AT 8" O.C. NAILED AT THE EDGE AND 12" O.C. AT INTERMEDIATE FRAMING. BLOCK AND TAIL ALL PANEL EDGES, OR PROVIDE ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE. SEE PLANS FOR ALL NOTES AND DETAILS.

1. NOTES ARE DESIGNED TO BE CONTINUOUS IN ZONE AREAS. MOST MANUFACTURER TO SHOP AND SEAM JOISTS WHERE SHOWN ON PLAN TO ALLOW FOR LONGER RUNS IN TRUSS.
2. "DBL" INDICATES DOUBLE JOIST
3. RIM BOARDS AND BLKG PARALLEL TO FLOOR FRAMING TO BE DOUBLED.
4. ALL LOAD-BEARING HEADERS SHALL BE (2)2X6 SPF#2 UNLESS OTHERWISE NOTED ON THE PLAN.
5. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE CENTERED TO MAIN UNDERLYING BEAM OR WALLS. SEE THE ARCHITECTURAL PLANS FOR DIMENSIONS TO WALLS.
6. ALL WALLS UP TO 10 FT. TALL SHALL BE ON 2 2X4 @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. TALLER WALLS SHALL COMPLY WITH TABLE R602.3(5) OF THE CODE OR AS NOTED ON THE PLAN.
7. WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE FOLLOWING HANGER SCHEDULE MAY BE USED UNLESS NOTED OTHERWISE ON THE PLAN:

MEMBER SIZE	SIMPSON HANGER
(1) 2x6	LUS 26-2
(2) 2x10	LUS 210-2
(2) 2x12	LUS 212-2
(1) 1 3/4" x 9 1/4" LVL	HUS 1.81
(2) 1 3/4" x 9 1/4" LVL	HUS 1.81-2
(2) 1 3/4" x 11 7/8" LVL	HUS 1.81/10
ALL TRIPLE LVLs	HHUS 5.50/10

8. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 10d x 1 1/2" COMMON NAILS (0.148"ø) OR 16d x 2 1/2" (0.162"ø) NAILS, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT OVER-DRIVE NAILS. USE THE CORRECT NAIL DIAMETER AND LENGTH AS SPECIFIED BY THE HANGER MANUFACTURER. DO NOT USE 10d x 1 1/2" "HARDED NAILS" UNLESS OTHERWISE LISTED ON THE PLAN AND IN THE HANGER'S INSTALLATION INSTRUCTIONS. WHERE ONLY 3" OR LESS OF WOOD IS PROVIDED TO HOLD END.
9. STEEL BEAMS SHALL HAVE (E)24 OR (E)36 STUDS SPACED AT EACH END SUPPORT UNLESS NOTED OTHERWISE.
10. "DBL" AND SINGLE BEAMS SHALL HAVE FULL-HEIGHT STUDS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (2)-2x4 OR (2)-2x6 STUDS UNDER EACH END UNLESS NOTED OTHERWISE.
11. ALL ROOF LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS WHETHER WOOD OR STEEL CARRYING BEAM OR SHEATHED ALONE, BLOCK-TRUE FLOW, TO OF BETTER THAN THE FLOOR LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION, INSTALL 24 X 24 CONCRETE BLOCKS (LBL) OF EQUAL NUMBER TO COLUMNS ABOVE BETWEEN FOOTING AND FOUNDATION WALL OR LOWER PLATE. MINIMUM AND MOST BUILDING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE DETAILS OF SUPPORT UNDER CONCENTRATE POINT LOADS. FROM L.V.L AND STEEL BEAMS OR WHERE "L" IS INDICATED ON THE PLAN.
12. FASTEN ALL TRIPLE PLY LVLs TOGETHER WITH TWO ROWS OF 10" LONG TRUSS-LOK OR SIMPSON SDS SCREWS @ 16" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 10" TRUSS-LOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. THE SCREWS SHALL BE LOCATED A MINIMUM OF 2" AND A MAXIMUM OF 3" FROM THE TOP OR BOTTOM OF THE BEAM.
13. FASTEN FIRST FULL STUD TO HEADER WITH AT LEAST THREE 16D (0.162"ø) NAILS IN EACH PLY.
14. JACK AND KING STUDS SHALL BE AT EACH END OF HEADER.
15. SET BEAMS AT 1/4" FROM FACE OF GIRDER UNLESS OTHERWISE NOTED AS "AT ON" ON PLAN.
16. SPANS UP TO 4'-0" ..... 1 PACK 1 MTH
SPANS >4'-0" THRU 6'-0" ..... 1 PACK 2 MTHS
SPANS >6'-0" TO 8'-0" ..... 2 PACK 3 MTHS
SPANS >8'-0" ..... SEE PLAN

Township/County
DAVIDSON TWSP
IREDELL COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1045 J N PEASE PLACE #204
CHARLOTTE, NC 28262
CHAD HUTTER, P.E.
CORPORATE LIC.NO.3559
704-655-7500

Stamp/seal

Planset name/owner
THE CARDINAL
POWDER SPRINGS LOT 16
ADDRESS LINE 1
ADDRESS LINE 2

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Date
February 4, 2021

Drawn by
RES

Reviewed by
BHTHALS

Planset scale
24x36 sheet
1/4" = 1'-0"
11x17 sheet
1/8" = 1'-0"

Project/plan code
—

Drawing set
FOR CONSTRUCTION

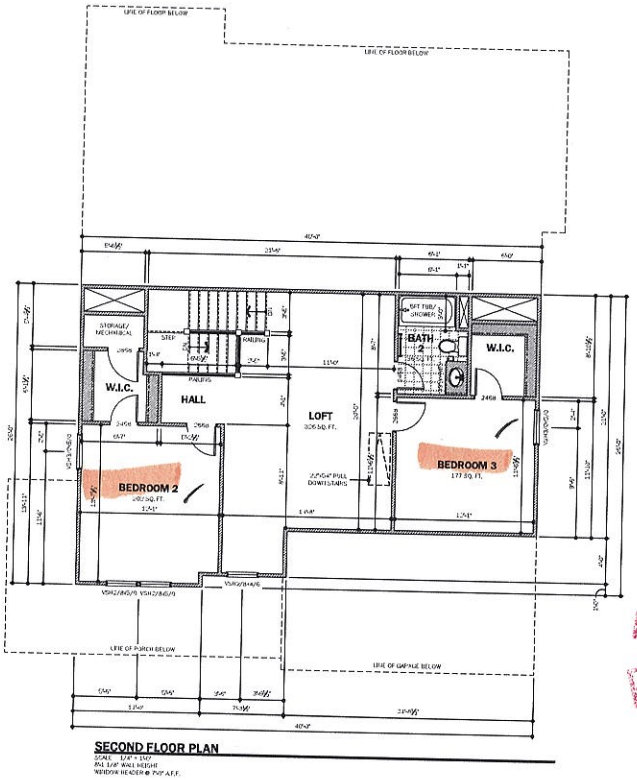
Sheet title/description
FIRST FLOOR PLAN & ELEVATION

Sheet no.
A3.0

Master plan version
v1.0

Acknowledgement Of Plans Submittal ONLY
For Date 3/30/21
3/26/2021
Date

C:\Users\Jason\Desktop\Projects (Next Homes)\CAD FILES_OUTSOURCE\POWDER SPRINGS\LOT 49\PSTA_CARDINAL_SH_LAUNCH_020421.dwg Plot Date:Thursday, February 4, 2021 8:56:25 AM Plot Scale: 1'-1.1" = 1/8"-1'-0" 22'-3.8" = 1/4"-1'-0" Plotted by:Jason Phillips Rhew



SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"
9'-1 1/4" WALL HEIGHT
WINDOW HEADER @ 7'-0" A.F.F.

UPPER LEVEL NOTES

UPPER LEVEL FRAMING NOTES:
BRACED WALL LINE NOTE:
THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONTINUOUSLY SHEATHED 7/16" OSB WALL SHEATHING USING 8D NAILS AT 4" O.C. ALONG THE EDGE AND 12" O.C. AT INTERMEDIATE FRAMING WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE CODE. IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS/ENGINEERING EMBEDDED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE. SEE PLANS FOR ALL NOTES AND DETAILS.

1. "2 X 6" RIDGE" REFERS TO CEILING JOIST TO RAFTER WITH END 2" X 6" (1.5" X 5.5") RAILS)
2. ALL LOAD-BEARING HEADERS SHALL BE (2)2X6 SPF#2 UNLESS OTHERWISE NOTED ON THE PLAN.
3. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALSO UNDERLOAD BEARING WALLS. SEE THE ARCHITECTURAL PLANS FOR DIMENSIONS TO WALLS.
4. ALL WALLS UP TO 10 FT. TALL SHALL BE 2X4 SPF#2 @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. TALLER WALLS SHALL COMPLY WITH TABLE R602.3(5) OF THE CODE OR AS NOTED ON THE PLAN.
5. WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO HEADS OR LEDGERS. THE FOLLOWING HANGER SCHEDULE MAY BE USED UNLESS NOTED OTHERWISE ON THE PLANS

HEADER SIZE	SIMPSON HANGERS
(2) 2X8	LUS 28Z
(2) 2X10	LUS 210Z
(2) 2X12	LUS 212Z
(2) 1.75" X 9.25" LVL	HUS 430
(2) 1.75" X 11.25" LVL	HUS 412
(2) 1.75" X 14" LVL	HUS 412
ALL TRIPLE LVLS	HHUS 5.5/16

6. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 10D X 1.5" COMMON NAILS (.148" X 1.5") OR 16D X 2.5" (.162" X 2.5") NAILS, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 10D X 1.5" HANGER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 16" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
7. "LVL" AND GLULAM BEAMS MUST HAVE END GRAIN STRIPS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (3)2X4 OR (2)2X6 STUDS UNDER EACH END UNLESS NOTED OTHERWISE.
8. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS AND OTHER WOOD OR STEEL ASSEMBLIES BEARING ON GIRDER TRUSS, BEAM OR HEADER EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2X4 SOLID BLOCKING (OR 2 OF EQUAL NUMBER TO 1 DEPTH ABOVE BETWEEN JOIST/LOOP AND FOUNDATION WALL OR LOWER PLATE. RIM BOARDS AND MOST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL OR STEEL BEAMS OR WHERE "SUPS" ARE NOTED ON THE PLAN.
9. FASTEN ALL TRIPLE PLY LVLS TOGETHER WITH TWO ROWS OF 12" O.C. 10D (3"X.148") COMMON NAILS STAGGERED AT 4" O.C. OR 16D (3.5"X.162") COMMON NAILS AT 6" O.C. OR FOUR PLY LVLS WITH TWO ROWS OF 4" TRUSSLOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. THE SCREWS SHALL BE LOCATED A MINIMUM OF 2" AND A MAXIMUM OF 5" FROM THE TOP OR BOTTOM OF THE BEAM.
10. [illegible] TO BE INSTALLED AT EACH END OF BEARING WALLS OR GIRDERS UNLESS NOTED AS "28" WALL ON PLAN.
11. LOCATION TO BE SAME AS 22"X30" ACCESS IN ATTIC.

Acknowledgement of Plans Submittal ONLY!
3/26/2021 Date
Date
3/30/21

Township/County: DAWSON TWSP IREDELL COUNTY

Engineer: INTELLIGENT DESIGN ENGINEERING 1045 J H PEARCE PLACE #204 CHARLOTTE, NC 28262 CHAD RITTER, P.E. CORPORATE LIC.NO.2518 704-335-7200

Standard set

Direct owner/owner: THE CARDINAL POWDER SPRINGS LOT 49 ADDRESS LINE 1 ADDRESS LINE 2

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Date: February 4, 2021
Drawn by: RES
Reviewed by: INITIALS
Plan set scale: 24x36 sheet 1/4" = 1'-0" 11x17 sheet 1/8" = 1'-0"
Project/plan name: —
Drawing set: FOR CONSTRUCTION
Sheet title/description: SECOND FLOOR PLAN & ELEVATION
Sheet no.: A4.0
Master plan version: v1.0

IREDELL COUNTY · NC

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

APPLICATION NUMBER
311059
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4721412167.000	EAST MONBO RD	Iredell County

Owner Information	Applicant Information
Name: RH FUND XII LLC	Name: SILLS SPRINGS DEVELOPMENT LLC
Address: 2250 NW FLANDERS ST STE G02	Address: P.O. BOX 3965
PORTLAND, OR 97210	MOORESVILLE, NC 28117
Phone:	Phone: (704)208-4251

Use Requested	Zone Code
Single Family Dwelling	R-20 CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0	35	35	15	15	WSIV-PA Catawba/Lake Norman	NO

Remarks
SFD - 148 POWDER SPRING - LOT 16 - HOLD BU PLAT RECORDED

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

Signature of Owner/Contractor

Date: 09/18/2020

Permit Number	311059	TOTAL FEES:	$77.25