ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # 309899

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

PIN # 4677-68-8858

APPLICANT/OWNER: West Homes | APPLICANT ADDRESS: 236 Rocky Drive Suite 7 Mooresville NC

SITE ADDRESS: 157 S. Ils Creek Lane Mooresville NC | PHONE: 704-728 4251 | ALT. PHONE —

SITE DIRECTIONS: 150 Over S. Ils Creek | SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: S. Ils Creek Plantation | SECTION: — | LOT # 11 | LOT AREA: 2.309 Acres | DESIGN FLOW: 480 | L.T.A.R.: 30

Septic Tank	1000 (gal)	STB	760	Date	6-4-22	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	1000 (gal)	PT	363	Date	6-6-22	System Description:	PM - 25% Reduction
Pump Make	Zoeller	Model	.4 HP	Serial #		Repair System Description:	CP - Pond Block - 50% Reduction
# Nitrification Fields	1	# Lines	5	Linear Ft	400	Maintenance Agreement Required:	☐ YES ☒ NO
Trench Width	36.	Trench Bottom Depth (~~from Elev~~)	36 in max	Gravel Depth			☐ GRAVITY ☒ PRESSURE

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/ plumbing

No. Bedrooms 4 | No. Persons 8 | No. Employees — | ☒ Crawl Space

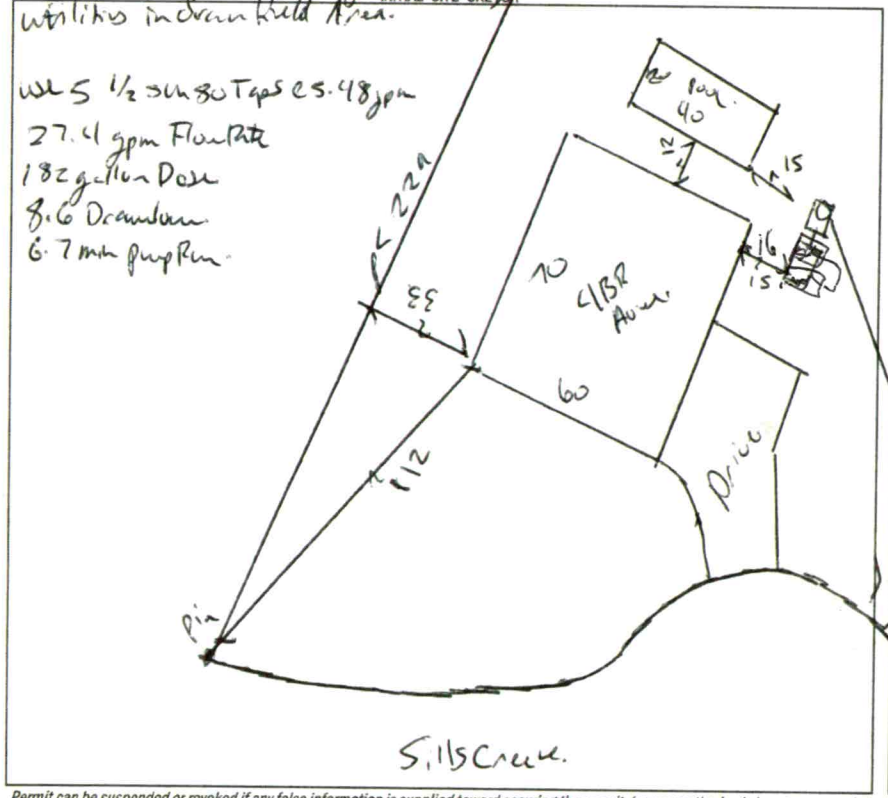
☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Divert Stormwater away From System. Install on the Contour of the land. Do not Drive, pave, place, grade or build utilities in drain field Area.

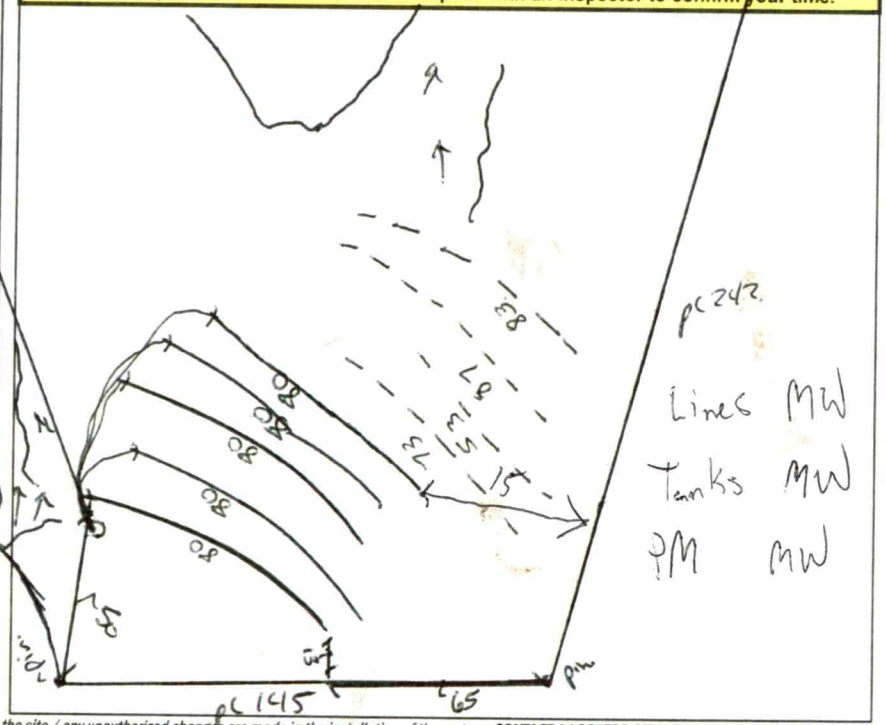
Keep house within footprint of site plan dated 7/1/21

INITIAL SITE SKETCH



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: [signature] Date: 12/9/2021 Installed by: Specialty Septic

IMPROVEMENT PERMIT by: [signature] Date: 10/31/2021 OPERATION PERMIT by: [signature] Dimeberg Date: 8/12/22

AUTHORIZATION TO CONSTRUCT by: [signature] Dimeberg Date: 7/21/21 Existing System Inspected by: Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 HS PERMIT # 309899.

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

PIN # 4677-68-8858.

APPLICANT/OWNER: Neat Homes APPLICANT ADDRESS: 236 Rocky Drive Suite 7 Mooresville NC

SITE ADDRESS: 157 Sills Creek Lane Mooresville NC PHONE: 704-708 4251 ALT. PHONE

SITE DIRECTIONS: 150 On Sills Creek SAP CONTROLLED: ☒ YES ☐ NO

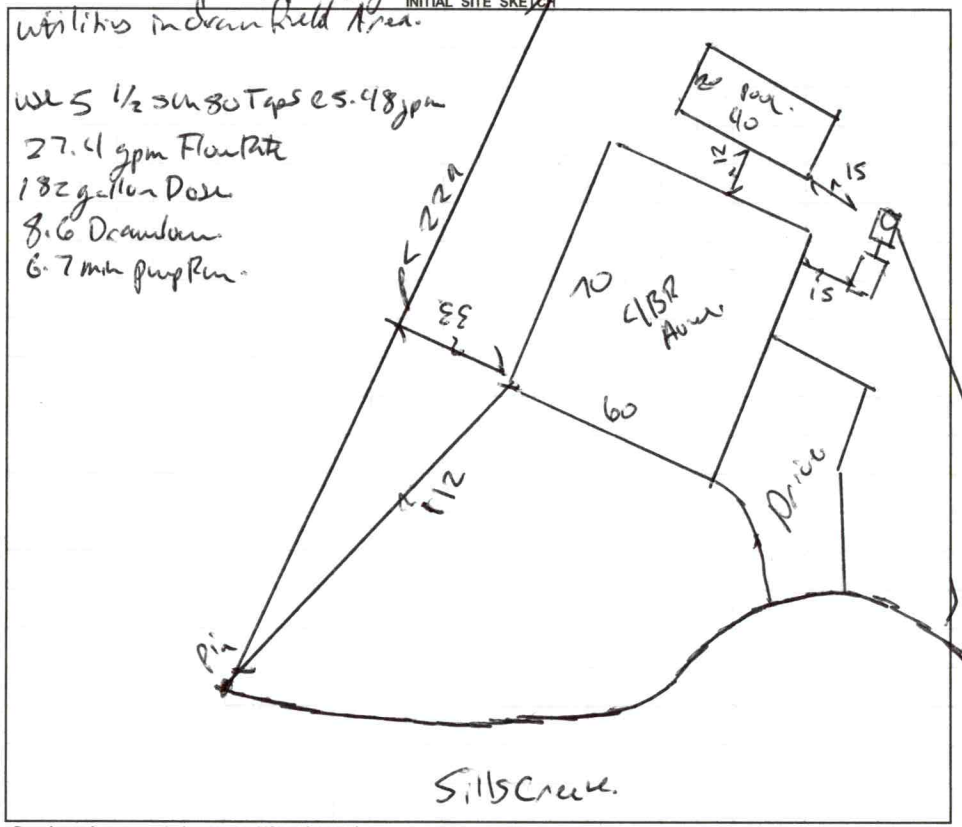
SUBDIVISION: Sills Creek Plantation SECTION: - LOT # 11 LOT AREA: 2.309 Acres. DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank	1000	(gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000.	(gal)	PT	Date	System Description:	PM - 25% Reduction			☐ Business	No. Persons	8	☒ Private
Pump Make		Model		Serial #	Repair System Description:	CP - Pearl Block - 50% Reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft: 400	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36.	Trench Bottom Depth (Low Side)		36 in max Gravel Depth		☐ GRAVITY	☒ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Divert Stormwater away from System. Install on the Contour of the land. Do not Drive, pave, Park, garden or bury utilities in drain field Area.

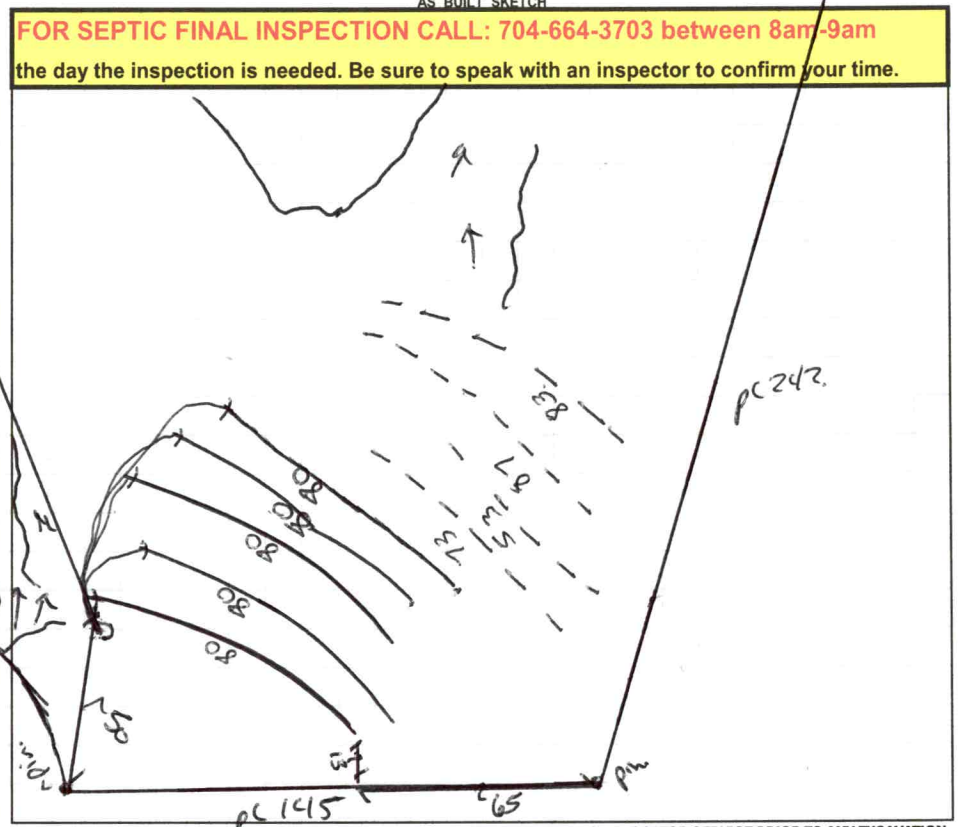
Keep house within footprint of site plan dated 7/1/21

INITIAL SITE SKETCH



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: 12/9/2020 Installed by:

IMPROVEMENT PERMIT by: Date: 10/31/2020 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: 7/21/21 Existing System Inspected by: Date:

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

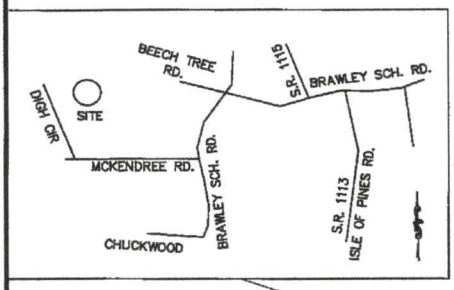
DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2736, page 2029, and/or plat book 70, page 62, 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 1, day of JULY, A.D. 20 21.

WILLIAM M. ALLEN

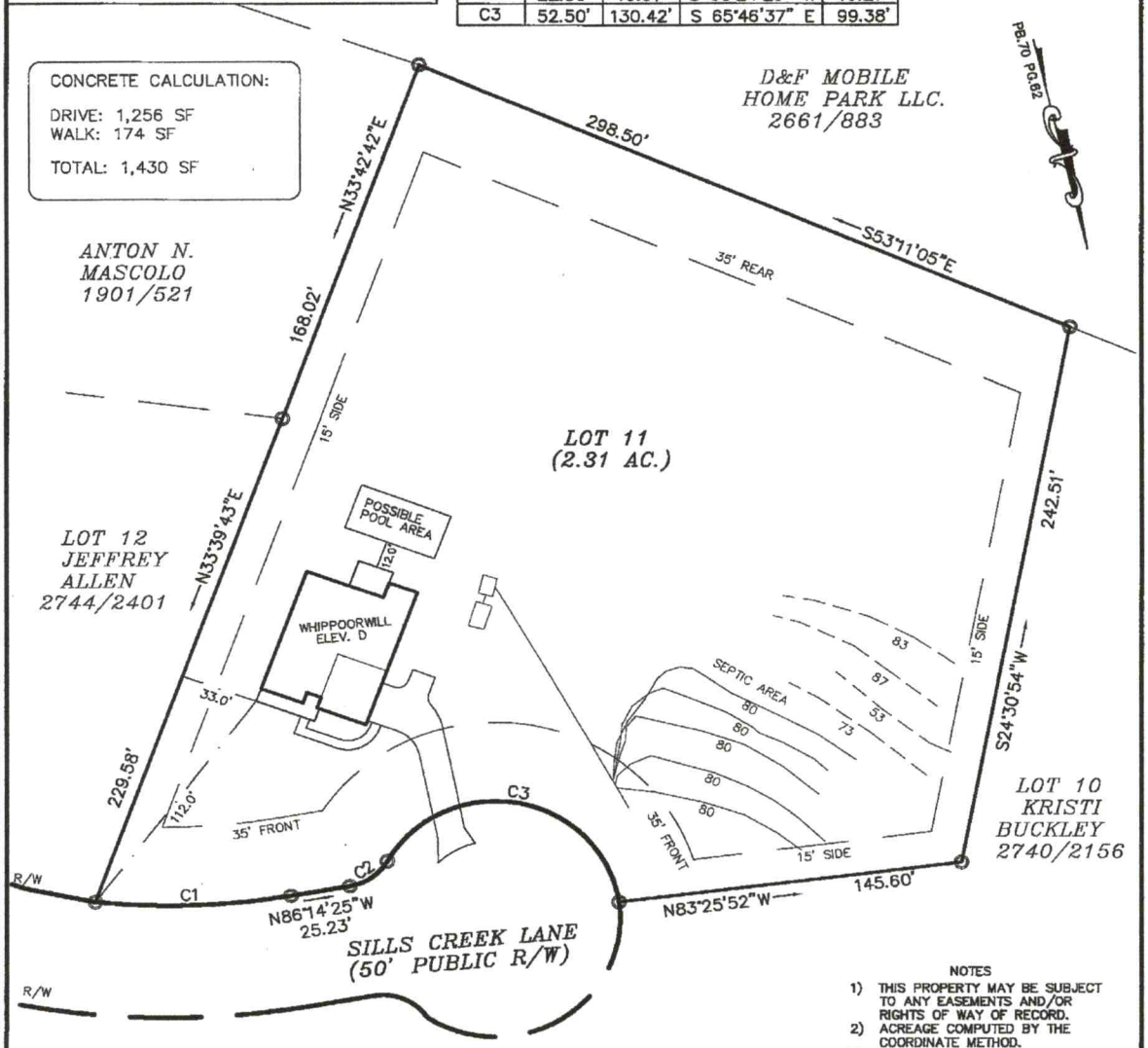
NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



LEGEND
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
(W) = WELL
CP = COMPUTED POINT

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	297.50'	82.45'	N 78°18'00" W	82.19'
C2	22.50'	19.91'	S 68°24'29" W	19.27'
C3	52.50'	130.42'	S 65°46'37" E	99.38'

CONCRETE CALCULATION:
DRIVE: 1,256 SF
WALK: 174 SF
TOTAL: 1,430 SF



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. 70 PG.62

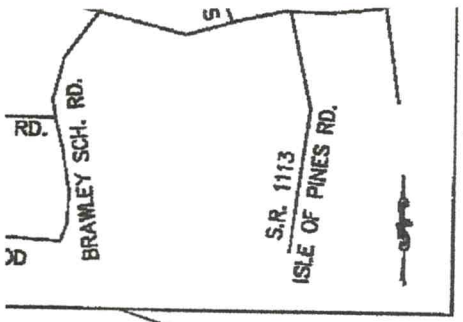
0' 30' 60' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
157 SILLS CREEK LANE
LOT 11 SILLS CREEK PLANTATION

SCALE 1" = 60'
CODDLE CREEK TWSP., IREDELL CO., N.C.
ACQUIRED BY: NEST HOMES LLC.

FIELD BOOK: –
FILE: SILLS CREEK 11.DWG
DC FILE:
TAX MAP NO: 4677688858



R/W = RIGHT-OF-WAY

(W) = WELL

CP = COMPUTED POINT

SEAL
L-3499
LAND SURVEYOR
WILLIAM M. ALLEN

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	297.50'	82.45'	N 78°18'00" W	82.19'
C2	22.50'	19.91'	S 68°24'29" W	19.27'
C3	52.50'	130.42'	S 65°46'37" E	99.38'

ALCULATION:
SF
SF

N.
O
21

D&F MOBILE
HOME PARK LLC.
2661/883

PB.70 PG.82

298.50'

N33°42'42"E

S53°11'05"E

35' REAR

168.02'

15' SIDE

LOT 11
(2.31 AC.)

N33°39'43"E

POSSIBLE POOL AREA

12.0'

WHIPPOORWILL
ELEV. D

33.0'

SEPTIC AREA

83
87
80
80
80
80
80
73
53

15' SIDE

242.51'

S24°30'54"W

C3

35' FRONT

C2

C1

N86°14'25"W
25.23'

35' FRONT

15' SIDE

145.60'

N83°25'52"W

LOT 10
KRISTI
BUCKLEY
2740/2156

SILLS CREEK LANE
(50' PUBLIC R/W)

NOTES
1) THIS PROPERTY MAY BE SUBJECT

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

Sheet ____ of ____
PROPERTY ID #: _____
COUNTY: _____

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

L+M

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ 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	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
1	Ridge	0-10	SC SBK	SS SP FR SEK	2.5Y 4/6.	60			PS .30
		10-21	C SBK	SS SP FR					
		21-60	CL MSBK	SS SP FR					
2	Ridge	0-6.	SCL	SS		53			PS .30
		6-14	C SBK	SS SP FR					
		14-53	CL MSBK	SS SP FR					
		53-62	SCLGR M	NSMP FR					
3	Side.	0-16	SCL	SS SP FR		70			PS .30
		16-38	C SBK	SS SP					
		38-70	CL MSBK	SS SP					
4	Side.	0-12	C						PS .30
		12-45	CL					L. to mod.	
		45-62	SCLGR						

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____ Pump. 0-12 C 12-58 CL PS .30

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

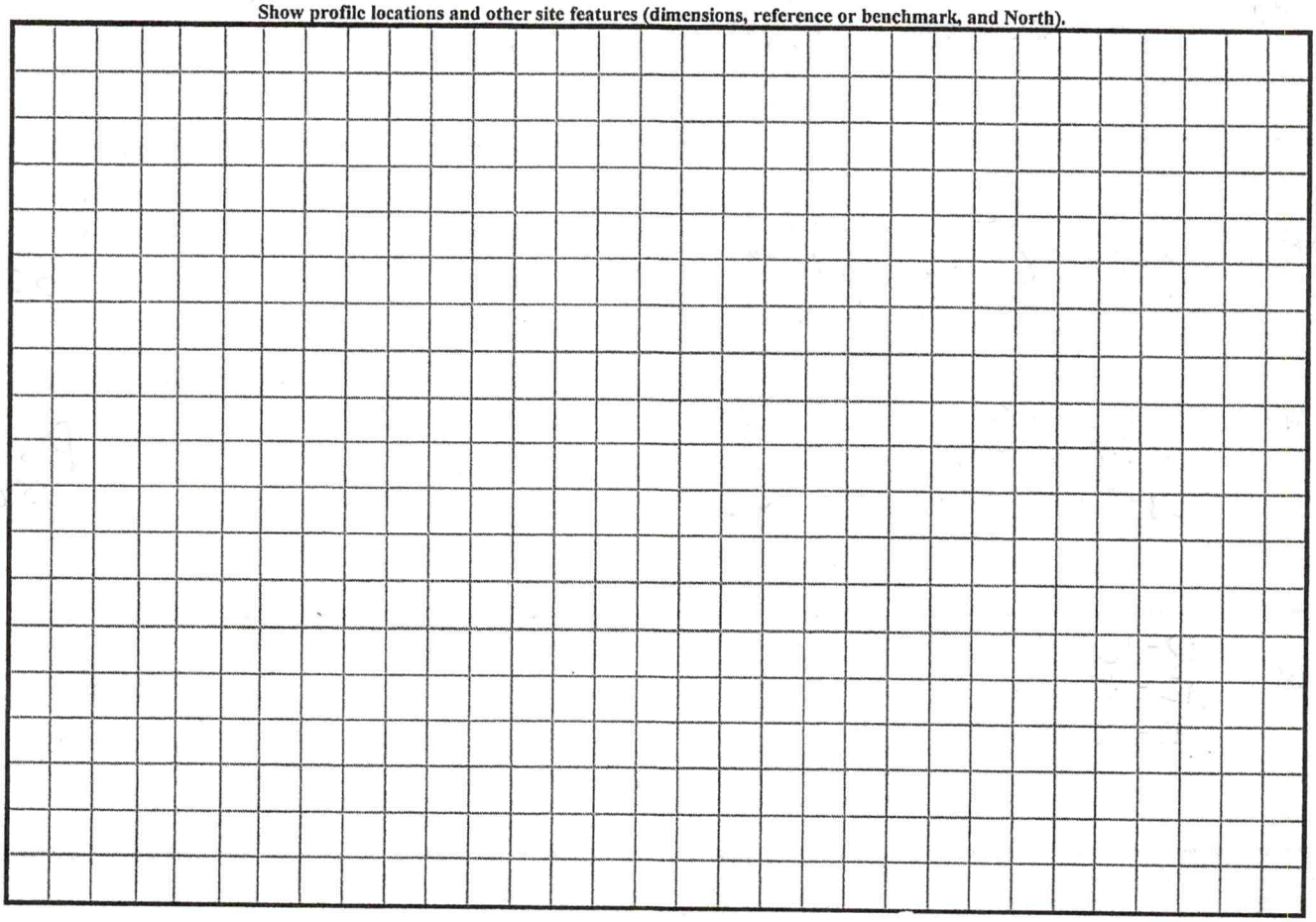
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



RECEIVED JUL 1 9 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For:
(X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) 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, 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: 157 Sills Creek Lane, Mooresville, NC 28115

Subdivision Name: Sills Creek Plantation **Section/Phase:** _____ **Lot Number:** 11

Driving Directions: HWY 150 east, left onto Sills Creek lane, property on left in culdesac

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

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

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

CHECK FOUNDATION TYPE
(X) 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:** _____

(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: _____

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 7/16/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

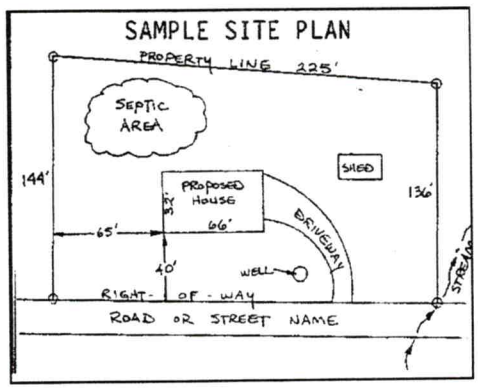
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

- ☒ **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

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

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

7/16/21
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 157 Sills Creek Lane, Mooresville, NC 28115, identified as

PIN (Parcel Identification Number) 4677688858.000, 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)

7/16/21
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 · NC

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

APPLICATION NUMBER

309899
Issue Date: 08/10/2020

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4677688858.000	157 SILLS CREEK LN	Iredell County

Owner Information	Applicant Information
Name: SCP MOORESVILLE LLC	Name: NEST HOMES LLC
Address: 114 MORLAKE DR STE 103	Address: PO BOX 3965
MOORESVILLE, NC 28117	MOORESVILLE, NC 28117
Phone:	Phone: (704)808-1064

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
2.309	35	35	15	15	WSII-BOW Back Creek	

Remarks
SFD - NEEDS ZD

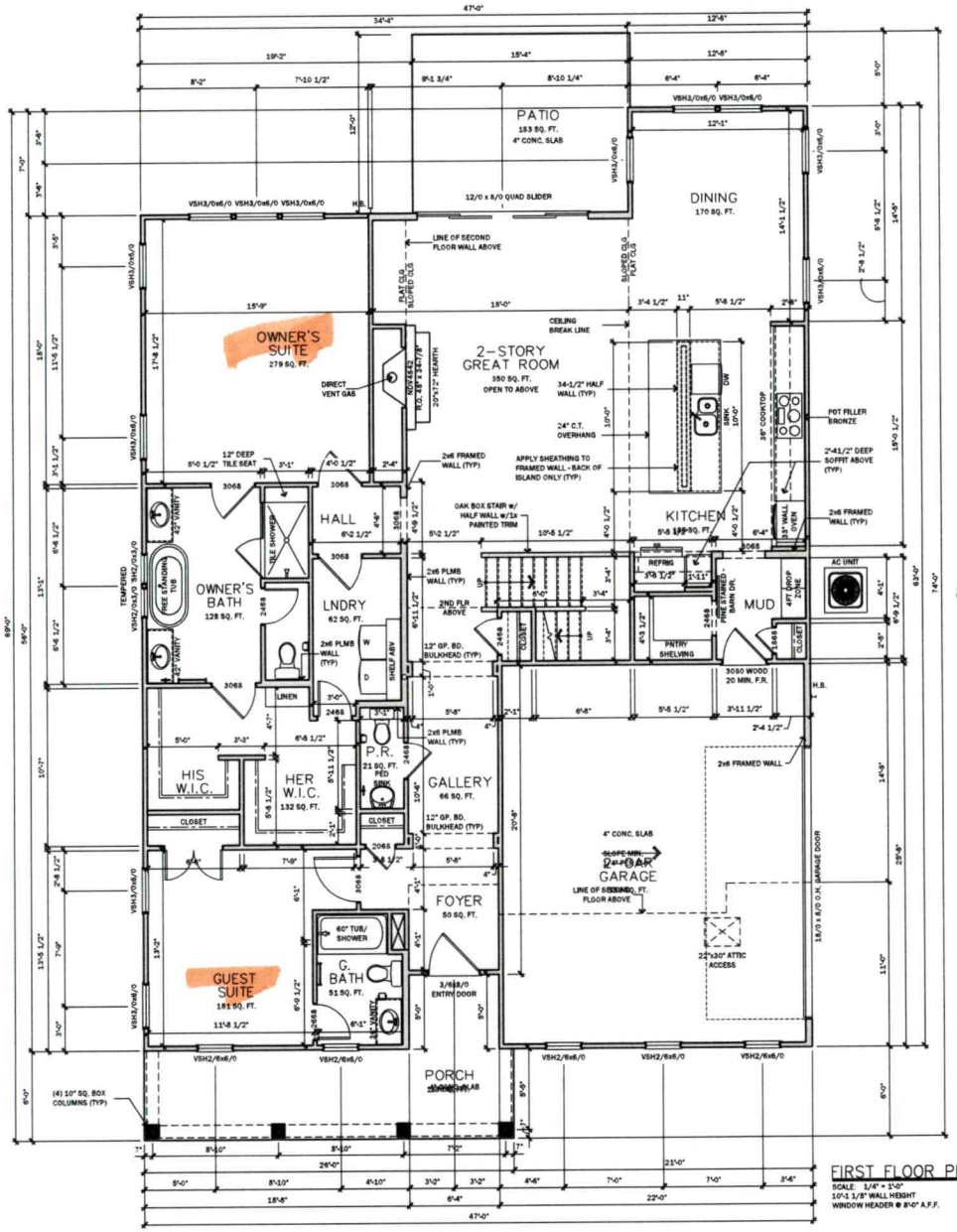
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions,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

Date: 08/11/2020

Signature of Owner/Contractor

Permit Number	309899	TOTAL FEES:	$77.25

47'



74'

WALL STUD REQUIREMENTS	
EXT. WALL HEIGHT (h)	STUD SIZE AND SPACING
h < 10'-0"	2x4 @ 16" O.C.
10'-0" < h <11'-0"	2x4 @ 12" O.C.
11'-0" < h < 18'-0"	2x6 @ 16" O.C.
h > 18'-0"	CONSULT ENGINEER

I-JOIST NOTES

FRAMING CONSTRUCTION NOTES:

BRACED WALL LINE NOTE:
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3. RIM BOARDS AND BANDS PARALLEL TO FLOOR FRAMING TO BE DOUBLED.
4. ALL LOAD- BEARING HEADERS SHALL BE (2)2X8 SPF#2 UNLESS OTHERWISE NOTED ON THE PLAN.
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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 HANGERS
(2) 2X8	LUS 26-2
(2) 2X10	LUS 210-2
(2) 2X12	LUS 210-2
(2) 1¾" X 9¼" LVL	HUS 410
(2) 1¾" X 11⅞" LVL	HUS 412
(2) 1¾" X 14" LVL	HUS 412
ALL TRIPLE LVLs	HHUS 5.50/10

8. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 16d x 3½" COMMON NAILS (3½"x 0.162") OR 16d x2½" (2½"x 0.162") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 10dX 1½" "HANGER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY ½" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
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12. FASTEN ALL TRIPLE PLY LVLs TOGETHER WITH TWO ROWS OF 5" LONG TRUSSLOK OR SIMPSON SDS SCREWS @ 19" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 6½" TRUSSLOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. THE SCREWS SHALL BE LOCATED A MINIMUM OF 2" AND A MAXIMUM OF 3" FROM THE TOP OR BOTTOM OF THE BEAM.
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TO BE INSTALLED AT EACH END OF OPENING UNLESS OTHERWISE NOTED AS "MJ" OR "MK" ON PLAN)
SPANS UP TO 4'-0" ..... 1 JACK, 1 KING
SPANS >4'-0" TO 5'-6" ..... 1 JACK, 2 KINGS
SPANS >5'-6" TO 6'-6" ..... 2 JACK, 3 KINGS
SPANS >6'-6" ..... SEE PLAN

Township/County
TOWNSHIP COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE
#204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORP. LIC.#C-3118
704-335-7200

Stamp/seal

Project name/owner
THE WHIPOORWILL ELEVATION D
SILLS CREEK LOT 11

OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000
PH: 000-000-0000

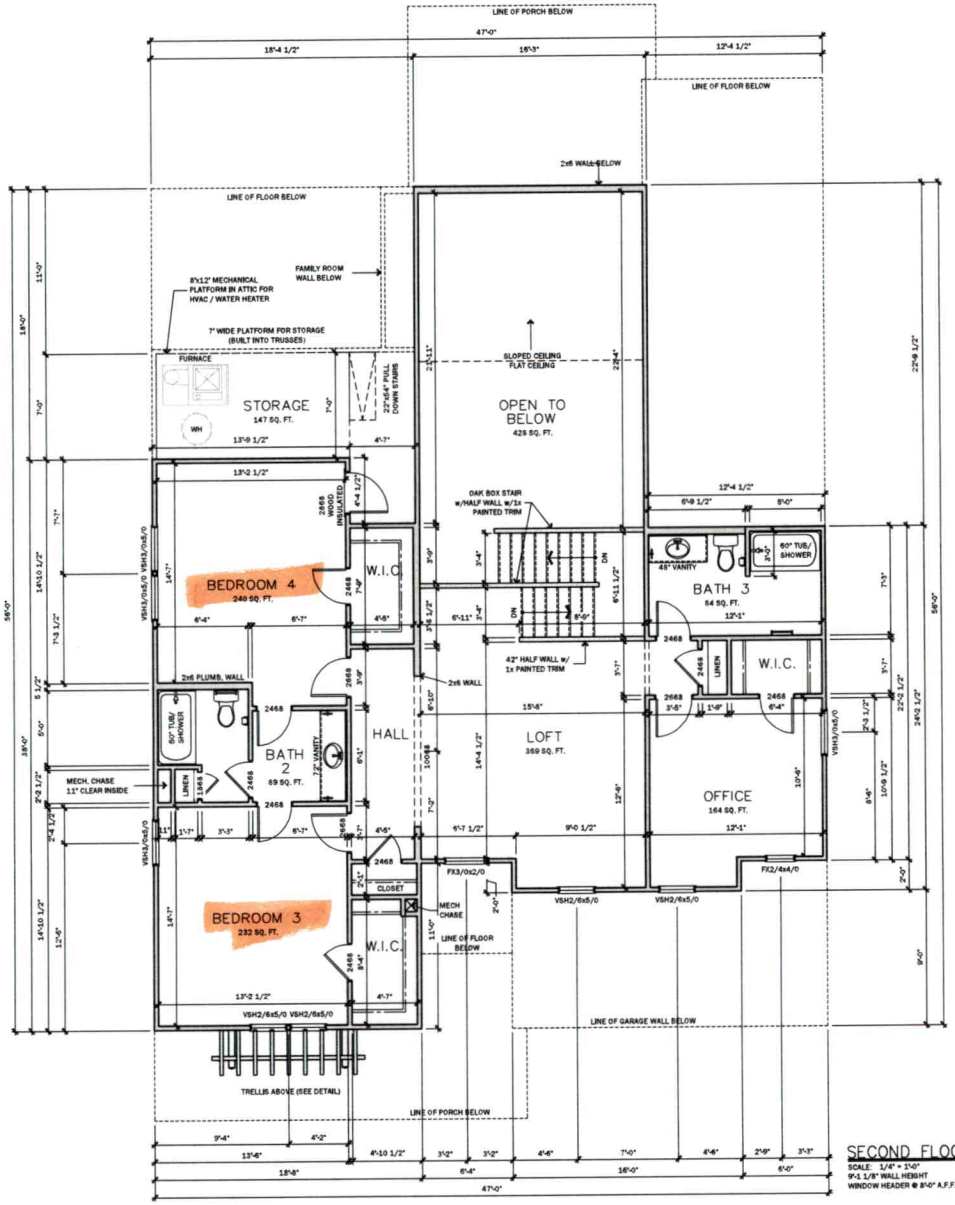
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Date: June 5, 2021
Drawn by: SK
Reviewed by: MCN
Plan set scale: 24x36 sheet 1/4" = 1'-0" / 11x17 sheet 1/8" = 1'-0"
Project/plan code: —
Drawing set: FOR CONSTRUCTION
Sheet title/description: FIRST FLOOR PLAN ELEVATION D

Sheet no.
A3.0

Master plan version
v1.0

F:\Nest Homes\REVIEW\SL11 - REVIEW\Review-3 & UPDATES\SL11_WHIPOORWILL D_RH_CS 06042021.dwg Plot Date:05 June 2021 02:05:32 Plot Scale: 11"x17" = 1/8"=1'-0" 22"x36" = 1/4"=1'-0" Plotted by:User



SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
9'-1 1/8" WALL HEIGHT
WINDOW HEADER @ 8'-0" A.F.F.

WALL STUD REQUIREMENTS	
EXT. WALL HEIGHT (h)	STUD SIZE AND SPACING
h < 10'-0"	2x4 @ 16" O.C.
10'-0" < h <11'-0"	2x4 @ 12" O.C.
11'-0" < h < 18'-0"	2x6 @ 16" O.C.
h > 18'-0"	CONSULT ENGINEER

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Township/County
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INTELLIGENT DESIGN ENGINEERING
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704-335-7200

Stamp/seal

Project name/owner
THE WHIPOORWILL ELEVATION D
SILLS CREEK LOT 11
OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000

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Date
June 5, 2021

Drawn by
SK

Reviewed by
MCN

Plan set scale
24x36 sheet
1/4" = 1'-0"
11x17 sheet
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SECOND FLOOR PLAN
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F:\Nest Homes\REVIEW\SL11 - REVIEW\Review-3 & UPDATES\SL11_WHIPOORWILL D_RH_CS 08042021.dwg Plot Date:05 June 2021 02:05:36 Plot Scale: 11"x17" = 1/8"=1'-0" 22"x36" = 1/4"=1'-0" Plotted by: User

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 509894.

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

PIN # 4677-68-8858.

APPLICANT/OWNER: Neal Homes APPLICANT ADDRESS: 236 Rocky Drive Suite 7 Mooresville NC

SITE ADDRESS: 157 Sills Creek Ln Mooresville NC PHONE: 704-708 4251 ALT. PHONE —

SITE DIRECTIONS: 150 Onn Sills Creek SAP CONTROLLED: ☒ YES ☐ NO

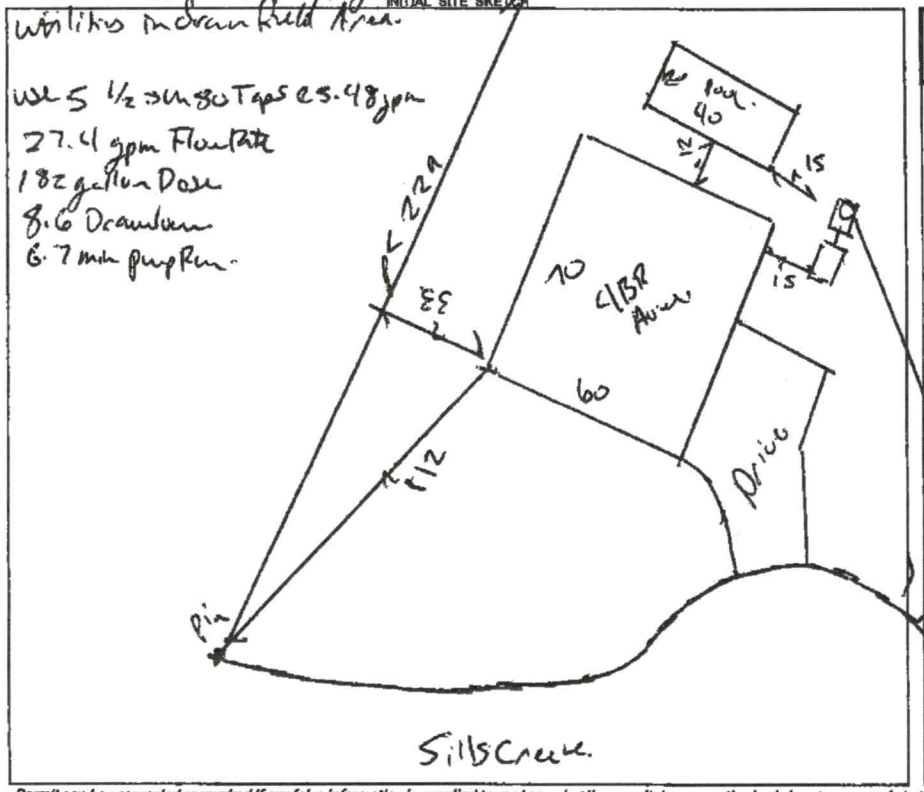
SUBDIVISION: Sills Creek Plantation SECTION: — LOT # 11 LOT AREA: 2.309 Acres. DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank 1000 (gal)	STB	Date	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI			☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank 1000. (gal)	PT	Date	System Description: PM-25% Reduction			☐ Business	No. Persons	8	☒ Private
Pump Make	Model	Serial #	Repair System Description: CO-Pearl Block-Sill-Reduction			☐ Other	No. Employees		☐ Public
# Nitrification Fields 1	# Lines 5	Linear Ft: 400	Maintenance Agreement Required:	☐ YES	☒ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width 36.	Trench Bottom Depth ~~(Max Side)~~ 36 in max	Gravel Depth		☐ GRAVITY	☒ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Divert Stormwater away from System. Install on the Contour of the land. Do not Drive, park, Place, grade or Encroach within Drain field Area.

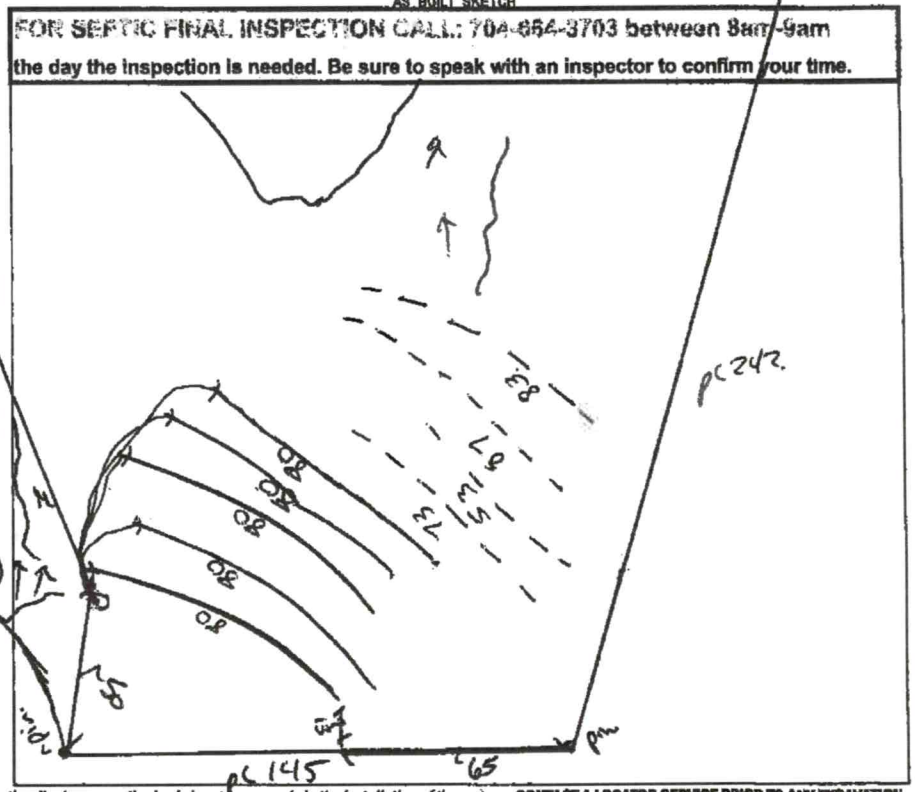
We 5 1/2 inch 80 Taps @ 5.48 gpm
27.4 gpm Flowrate
182 gallon Dose
8.6 Drawdown
6.7 min pump Run.

INITIAL SITE SKETCH



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**

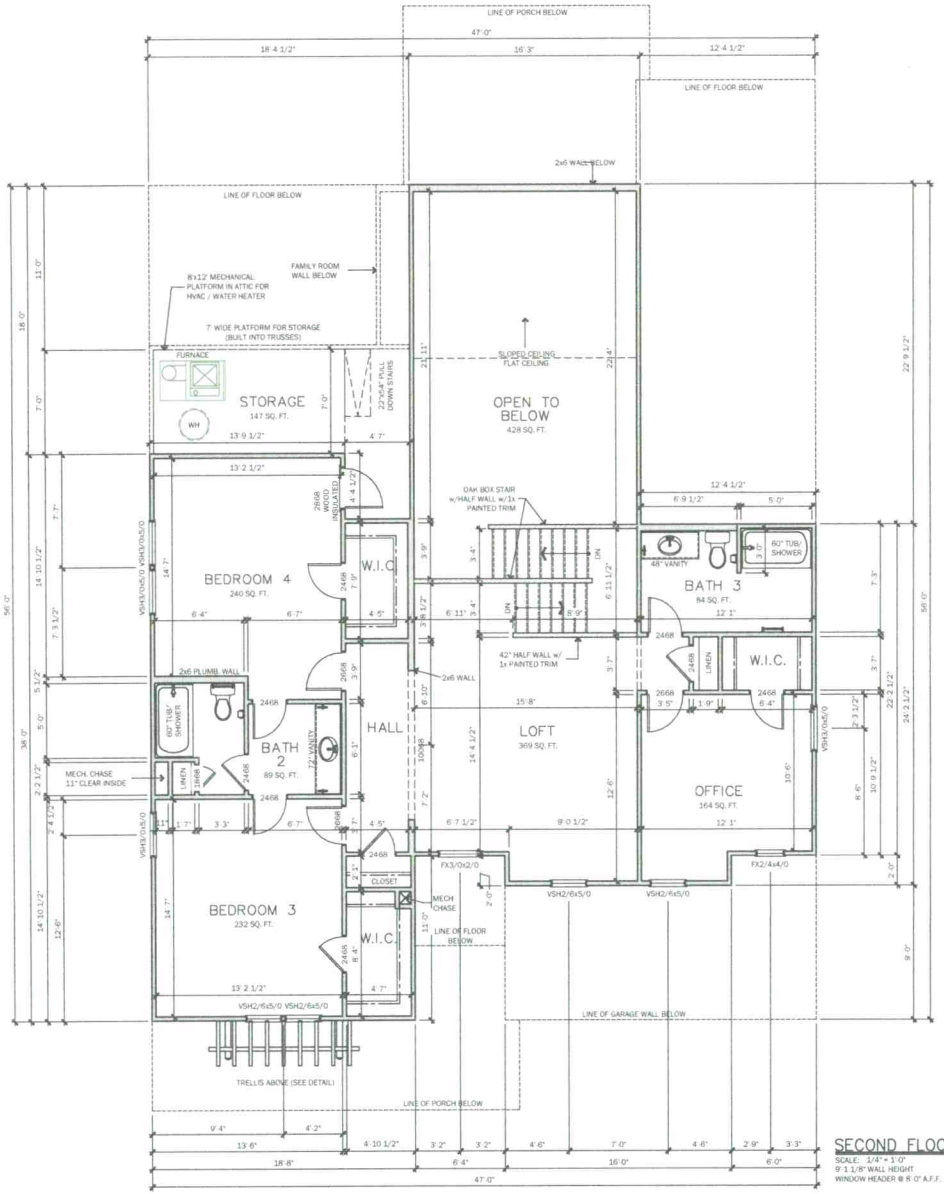
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 12/9/2020 Installed by: _____

IMPROVEMENT PERMIT by: [signature] Date: 10/31/2020 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.



SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"
9'-1 1/8" WALL HEIGHT
WINDOW HEADER @ 6'-0" A.F.F.

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SPANS 4'-0" TO 5'-6"	2 JACK, 1 KING
SPANS 5'-6" TO 7'-0"	2 JACK, 2 KING

Acknowledgement Of
Plans Submittal ONLY!
Date 7/21/21
Jenna DuBois Date 7/21/21

Township/County
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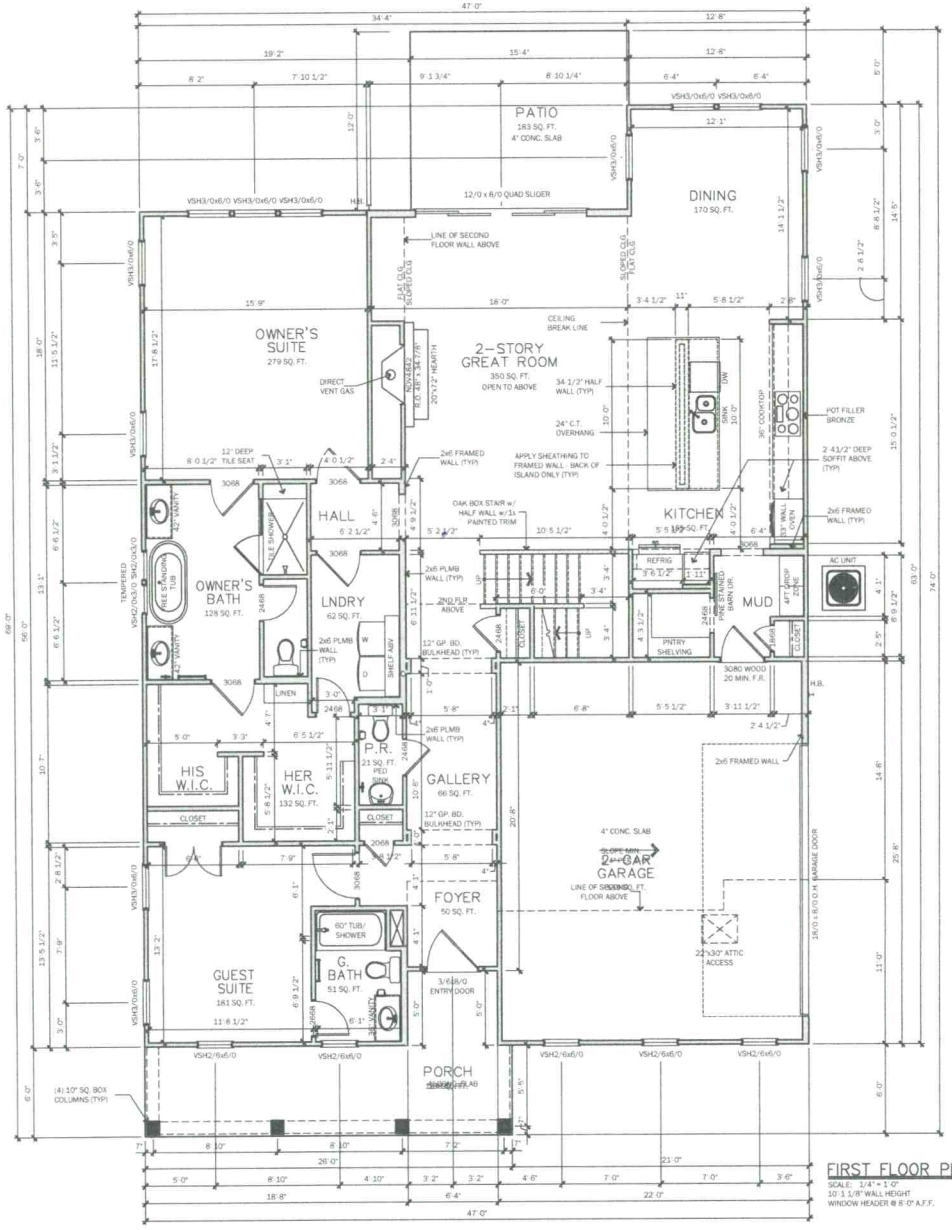
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ALL TRIPLE LVLs	HHUS 5.50/10

8. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 16d x 1½" COMMON NAILS (3¼"x 0.162") OR 16d x 3½" (3¼"x 0.162") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 10dX 1½" HANGER NAILS UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 1½" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
9. STEEL BEAMS MUST HAVE (5)-2X4 OR (4)-2X6 STUDS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE.
10. "LVL" AND GLU-LAM BEAMS MUST HAVE ENOUGH STUDS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (3)-2X4 OR (2)-2X6 STUDS UNDER EACH END UNLESS NOTED OTHERWISE.
11. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS -WHETHER WOOD OR STEEL-CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2X4 SQUASH BLOCKS (S.B.) OF EQUAL NUMBER TO COLUMN ABOVE BETWEEN SUBFLOOR AND FOUNDATION WALL OR LOWER PLATE. RIM BOARDS AND I-JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE "S.B." IS INDICATED ON THE PLAN.
12. FASTEN ALL TRIPLE PLY LVLs TOGETHER WITH TWO ROWS OF 5" LONG TRUSSLOK OR SIMPSON SDS SCREWS @ 16" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 6½" TRUSSLOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. 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 KING STUD TO LUMBER HEADER WITH AT LEAST THREE 16D (3¼"X0.162") IN EACH PLY.
14. JACK AND KING STUD SCHEDULE AT WALL OPENINGS:
TO BE INSTALLED AT EACH END OF OPENING UNLESS OTHERWISE NOTED AS "NJ" OR "NK" ON PLAN).

SPANS UP TO 4'-0"	1 JACK, 1 KING
SPANS >4'-0" TO 5'-4"	1 JACK, 2 KINGS
SPANS >5'-6" TO 6'-8"	2 JACK, 3 KINGS
SPANS >6'-8"	SEE ENGR.

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Stamp/seal

Project name/owner
THE WHIPOORWILL ELEVATION D
SILLS CREEK LOT 11
OWNER NAME/TITTLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000
PH: 000-000-0000

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Date
June 5, 2021

Drawn by
SK

Reviewed by
MCN

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
FIRST FLOOR PLAN
ELEVATION D

Sheet no.
A3.0

Number of sheets in this set
xx

Acknowledgement Of Plans Submittal ONLY!

Date 7/21/21

Jenna DuBois Date 7/21/21

F:\Neat Homes\REVIEW\SL11 - REVIEW\Review-3 & UPDATES\SL11_WHIPPOORWILL D_RH_CS 06042021.dwg Plot Date: 05 June 2021 02:05:32 Plot Scale: 11"x17" = 1/8"=1'-0" 22"x36" = 1/4"=1'-0" Plotted by: User