KW

IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT # 226208

APPLICANT/OWNER: West Homes — APPLICANT ADDRESS: 236 Raceway Ste 1 Mooresville NC 28117

SITE ADDRESS: 172 Hazelton Lp Mooresville NC — PHONE: 704 208-4251 — ALT. PHONE 980-500-1226

SITE DIRECTIONS: Brawley School Rd TL Canvasback TL Regency TR

SUBDIVISION: Regency Lake Village — SECTION: 4 — LOT # 12 — LOT AREA: .553 Ac — PIN # 4641 08 9204

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 360gpd — L.T.A.R.: .3

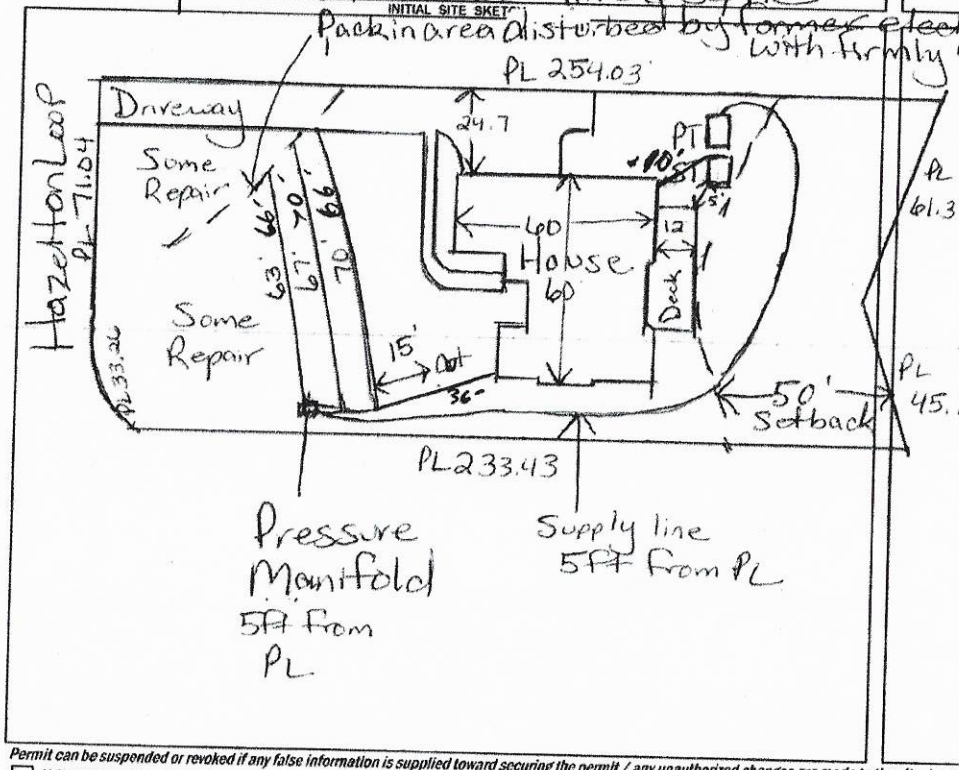
Septic Tank	1000 (gal)	STB 825-1000	Date 11-9-18	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT 302-1000	Date 10-7-18	System Description: PM-LPPBPS				☐ Business	No. Persons 6
Pump Make		Model	Serial #	Repair System Description:				☐ Other	No. Employees
# Nitrification Fields	1	# Lines 3	Linear Ft 200ft	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☒ Crawl Space
Trench Width	Min 24	Trench Bottom Depth(Low side)	36"	Gravel Depth N/A	☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Divert surface/stormwater away from Septic
10ft separation b/w water line & septic

Note: Lot recorded in 1970, ok to go up to 5ft from PL

INITIAL SITE SKET



AS BUILT SKETCH

Scale 1:50

Lake Norman

Check tank, l

	Initials	Date
Drain Lines Checked		2-6
Tanks Checked		2-6
Pressure Manifold or Valve Box Checked		2-6
Pressure Head Set		2-1
Electrical Checked		2-6
Floats Set		
Alarm Checked		
Maintenance Contract (Y) N		
Comments:		

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 installat

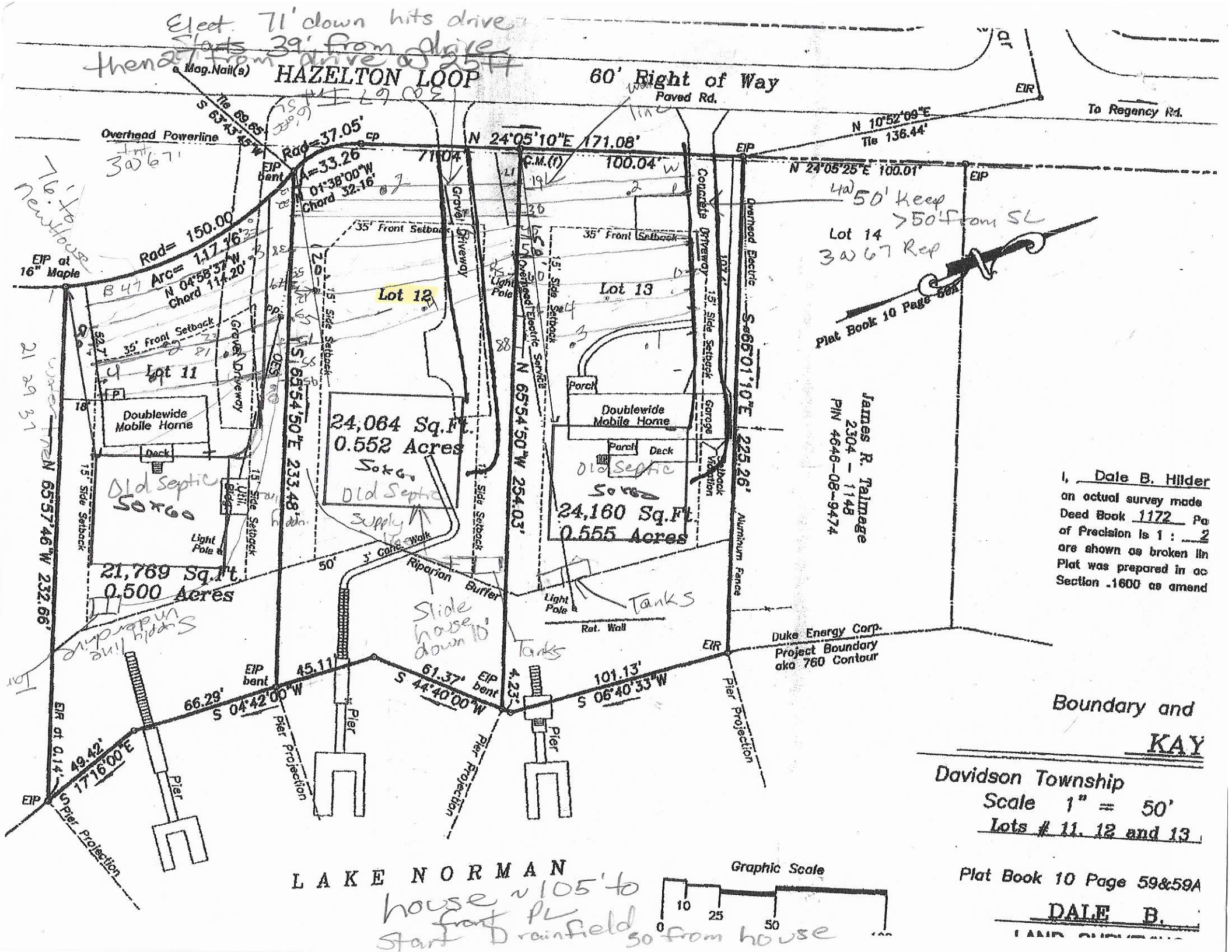
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☒ AUTHORIZATION TO CONSTRUCT

Owner / Applicant Signature: _____ Date: 2/14/19 Installed by: Raven Septic

IMPROVEMENT PERMIT by: Maria Dixon Date: 12/11/18 OPERATION PERMIT by: James Boggs @ Date: 12-12-19

AUTHORIZATION TO CONSTRUCT by: Maria Dixon Date: 12/11/18 Existing System Inspected by: _____ Date: _____

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


HAZELTON LOOP
60' Right of Way
Paved Rd.
To Regency Rd.
Overhead Powerline
N 24°05'10"E 171.08'
N 24°05'25"E 100.01'
N 10°52'09"E
Tie 136.44'
Tie 69.65'
S 63°43'45"E
EIP at 16" Maple
EIP bent
EIP
Rad= 150.00
Arc= 117.76'
N 04°58'37"W
Chord 114.20'
Rad=37.05'
A=33.26
01°38'00"W
Chord 32.16'
35' Front Setback
15' Side Setback
Gravel Driveway
Concrete Driveway
Overhead Electric
Light Pole
Lot 11
Lot 12
Lot 13
Lot 14
3a67 Rep
Plat Book 10 Page 59A
Doublewide Mobile Home
Deck
Porch
Garage
Old Septic
50'x60'
24,064 Sq.Ft.
0.552 Acres
24,160 Sq.Ft.
0.555 Acres
21,769 Sq.Ft.
0.500 Acres
S 65°54'50"E 233.48'
N 65°54'50"W 254.03'
S 66°01'10"E 225.26'
N 65°57'46"W 232.66'
James R. Talmage
2304 - 1148
PIN 4646-08-9474
Aluminum Fence
Rat. Wall
Tanks
Supply Line
3' Gone Walk
Riparian Buffer
Duke Energy Corp.
Project Boundary
aka 760 Contour
EIR
EIR at 0.14'
45.11'
S 04°42'00"W
66.29'
61.37'
S 44°40'00"W
4.23'
101.13'
S 06°40'33"W
49.42'
S 17°16'00"E
Pier
Pier Projection
LAKE NORMAN
Graphic Scale
10
25
50
0
I, Dale B. Hilder
an actual survey made
Deed Book 1172 Pa
of Precision is 1 : 2
are shown as broken lin
Plat was prepared in ac
Section .1600 as amend
Boundary and
KAY
Davidson Township
Scale 1" = 50'
Lots # 11, 12 and 13
Plat Book 10 Page 59&59A
DALE B.

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: 4646089201
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nest Homes
ADDRESS: 236 Raceway Ste 7 Mooresville, NC APPLICATION DATE 4-7-17
PROPOSED FACILITY: House DATE EVALUATED: 4/18/17
PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: 1/2 Ac
LOCATION OF SITE: Lot #12 Regency Lake/172 Hazelton Cir 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	5%	0-5"	Brw SCL	SS, SP, SExP, FR					PS .3
		5-36"	R C m-w	SBK FiS, P, SExP					
		36-42"	R Cl w	SBK SS, SP, SExP, FR					
2	4%	0-10	Brw SCL	SS, SP, SExP, FR					PS .3
		10-25	R C m-w	SBK Fi-FR, S, P, SExP					
		25-48	R Cl w	SBK SS, SP, SExP, FR					
3	4%	0-2"	Gravel						PS .3
		2-21"	Dk R/B Cl w	SBK SS, SP, SExP, FR					
		21-36"	R C m-w	SBK SS, SP, SExP, FR					
		36-48"	R Cl w	SBK SS, SP, SExP, FR					
4	7%	0-12"	Dk Brw SCL						PS .3
		12-34"	R/B C m-w	SBK SS, SP, SExP few SAP Inclus					
		34-48"	R Cl w	SBK SS, SP, SExP w/few to many SAP Inclus					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	DS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Paul Pennington

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very 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.

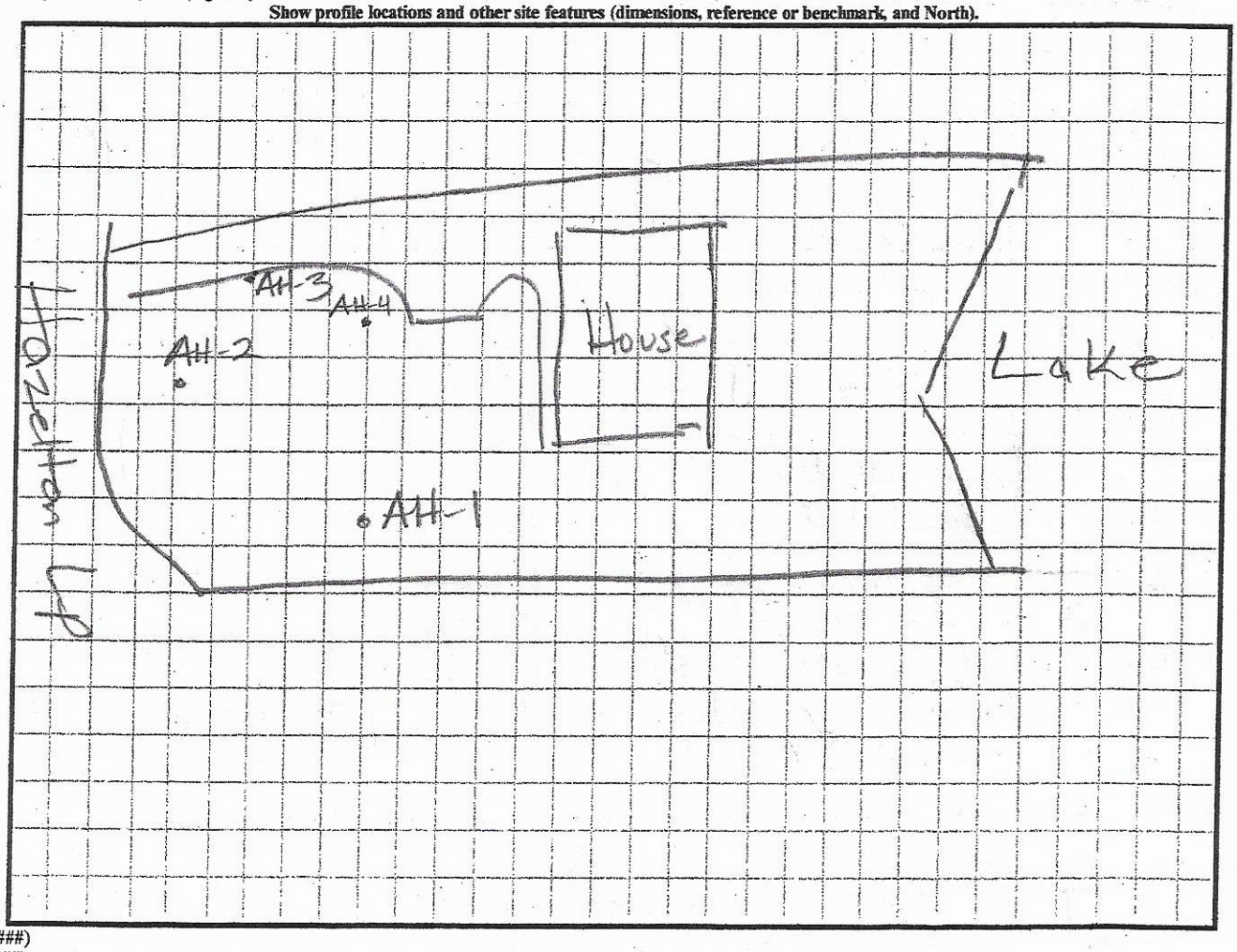
NOTES

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).



DENR (######)
Review (#####)

Lot # 12 Regency Lake

RECEIVED OCT 12 2017

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

Application for SEPTIC REPAIR PERMIT

(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)

1. **APPLICATION FOR:** ___Improvement Permit **X Authorization To Construct** ___ BOTH ___ Existing System Inspection

****

2. **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 check ( ) beside whichever is submitted if applicable ___Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

****

3. **Applicant Information:**

Nest Homes LLC	PO Box 3965 Mooresville, NC 28117	704-208-4251	980-500-1226
Applicant Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**

****

4. **Property Information:**

172 Hazleton Loop	Regency Lake Village	12
Street Address	**Subdivision Name**	**Section/Phase and Lot Number**

Driving Directions: Brawley School Rd L Canvasback L Regency R Hazelton Loop on right

****

5. **RESIDENTIAL Site Development Information:** *(Check or Complete ALL that apply)*

(x) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms 3
Maximum Number of Occupants 6
If Expansion, Current Number of Bedrooms ___

(x) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development: Type of Business _____
Square Footage of Building _____
Maximum Number of Employees _____
Maximum Number of Seats _____

****

6. **Proposed Water Supply:**

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

****

7. **Desired Septic System Type:** *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed _____ *Year*

( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other _____

8. **Please Answer The Following** ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
   To The Best of Your Ability: ( ) Yes (X) No Is any non-domestic sewage (i.e. industry) 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.

9. **Signature:** Laketa Davis — 08/08/17

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

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

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 PERMIT!!!***

Place an (X) beside each item as you complete the site plan:

_____ Property Line measurements are clearly identified… **_____ All proposed structures are indicated…**

SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

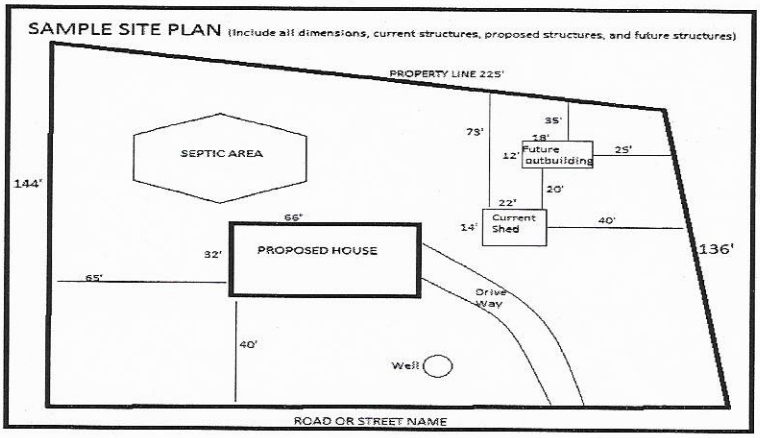
_____ Front and side setbacks from property line… **_____ Preferred driveway location and configuration, preferred well location…**

_____ Area you prefer your septic system to be placed… **_____ 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

see plot plan attached

Signature: Laketa Davis

REQUIRED **property owner or owner's legal representative signature.**

08/08/2017

DATE

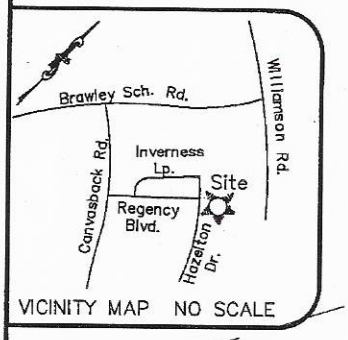
DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 1232, page 1931, and/or plat book 10, page 59, 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 29, day of JULY, A.D. 20 17. REVISED : 10\2\2017(SWITCHED HOUSES)

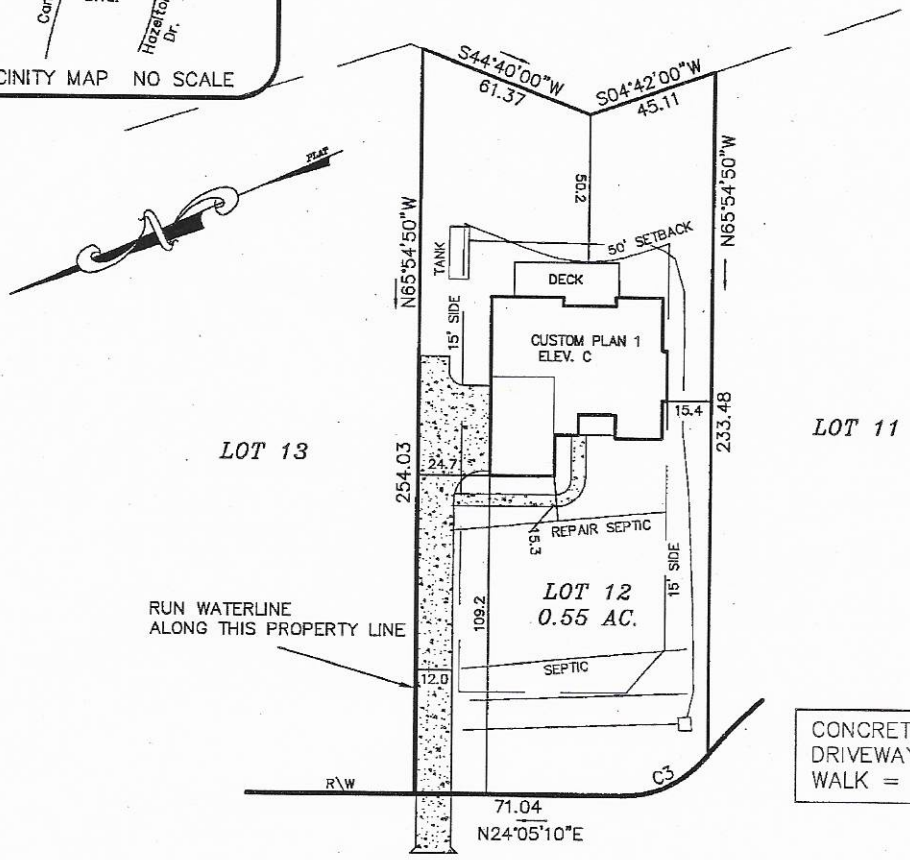
WILLIAM M. ALLEN

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

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C3	37.05'	33.26'	S 01°37'55" E	32.15'



VICINITY MAP NO SCALE



CONCRETE CALCULATION
DRIVEWAY = 2406 SF
WALK = 264 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.

R\W

0' 20' 40' 100'
SCALE IN FEET

LEGEND
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY

PLOT PLAN SURVEY

OF
172 HAZELTON LOOP
LOT 12 REGENCY LAKE VILLAGE

SCALE 1" = 40'
DAVIDSON TWSP., IREDELL CO., N.C.
ACQUIRED BY: NEST HOMES

FIELD BOOK:
FILE: REGENCY LAKE VILLAGE 12
DC FILE:
TAX MAP NO: 4646089204

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, George and Kay Gozelski, am the legal owner(s) of the property located at Lot 11, Lot 12, Lot 13 Regency Lake Village; 166, 172, 176 Hazelton Loop, identified as PIN (Parcel Identification Number) 4646088183.000; 4646089204.000; 4646089344.000, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Paul Penninger, Penninger Soil Consulting, 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.

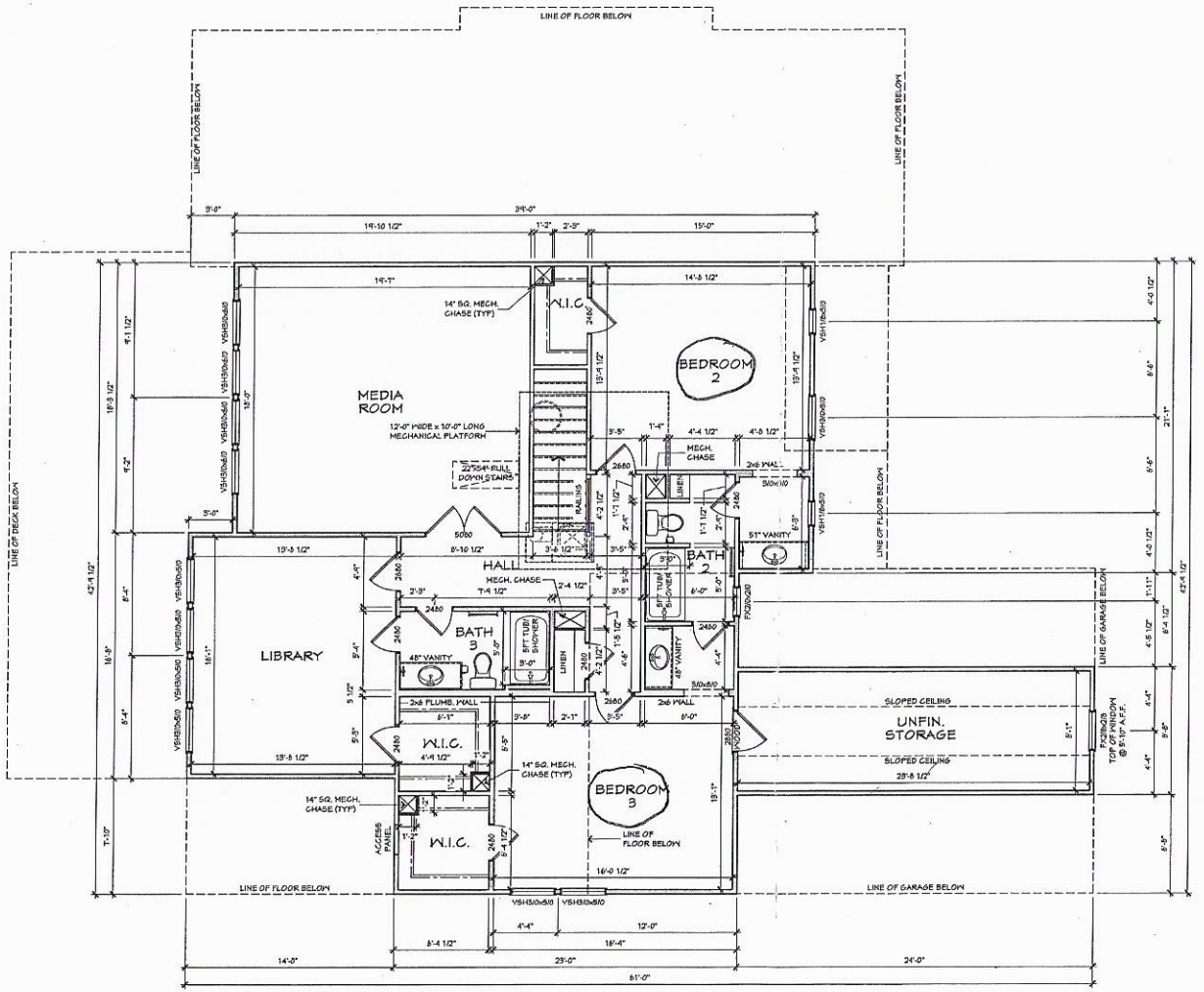
Kay Cope Gozelski 4.3.17 Stephen W Welk 4/3/17

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



SECOND FLOOR PLAN - ELEVATION A

SCALE: 1/4" = 1'-0"
9'-1" 1/8" FRAMED WALL HEIGHT
WINDOW HEADERS @ 8'-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 WALL SHEATHING AS INDICATED IN THE GENERAL NOTES. WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE CODE, IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS INCORPORATING ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE.

1. "T.T.R" INDICATES "TIE (CEILING JOIS) TO RAFTER WITH FOUR 3"X0.131" NAILS)
2. ALL LOAD- BEARING HEADERS SHALL BE (2)2X8 SPF#2 UNLESS OTHERWISE NOTED ON THE PLAN.
3. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALIGN UNDER LOAD 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(4) OF THE CODE OR AS NOTED ON THE PLAN.
5. 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 28-2
(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

6. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 10d x 1½" COMMON NAILS (3"x 0.162") OR 16d x2½" (3½"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.
7. "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.
8. 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 (6.8LB.) OF EQUAL NUMBER TO COLUMN ABOVE BETWEEN SUBFLOOR AND FOUNDATION WALL OR LOWER PLATE. RIM BOARDS AND JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE "6.8" IS INDICATED ON THE PLAN.
9. 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.
10. JACK AND KING STUD SCHEDULE AT WALL OPENINGS:
TO BE INSTALLED AT EACH END OF OPENING UNLESS OTHERWISE NOTED AS "K" OR "KK" 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
11. CONTRACTOR TO PROVIDE 22"x30" ACCESS TO ATTIC.

Acknowledgement of Plans Submittal ONLY!
Date 10/25/17
Date 10/25/17

Nest HOMES
250 Fairway Drive Suite 7
Mooresville, NC 28117
PH: 704-896-4251
www.nesthomes.com

Township/County
TOWNSHIP
COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE
#204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORP. LIC.# C-3116
704-335-7209

Stamp/seal

Project name/owner
CUSTOM PLAN 1
ELEVATION C
HAZELTON
LOT 12
OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000
PH: 000-000-0000

(c) 2017 copyright notice Nest Homes, Inc. All rights reserved. These plans are the property of Nest Homes. Any use, reproduction, licensing, or distribution of these drawings is strictly prohibited. This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization from Nest Homes.

Date
August 7, 2017

Drawn by
RES

Reviewed by
INITIALS

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

Project/plan code
—

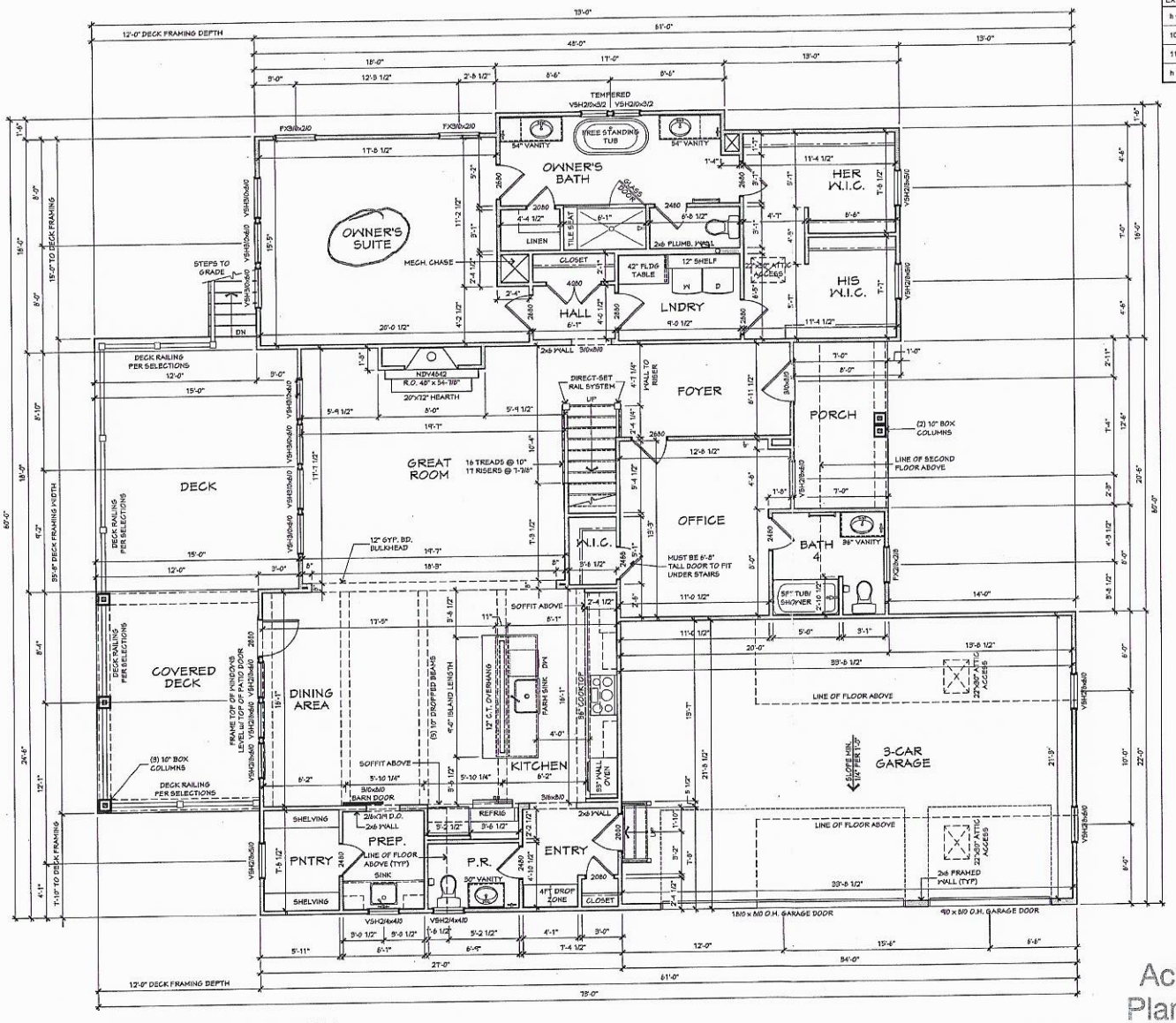
Drawing set
FOR CONSTRUCTION

Sheet title/description
SECOND FLOOR PLAN

Sheet no.
A4.0

Master plan version
v1.0

Plot Scale: 11"x17" = 1/8"=1'-0" 22"x30" = 1/4"=1'-0" Plotted By:Robert Smith
Plot Date:Friday, September 29, 2017 8:35:34 AM
C:\Users\Robert Smith\Dropbox (Nest Homes)\NEST HOMES - HOME BUILDING&ARCHITECTURAL SERVICES\3_PRODUCTION\HAZELTON LOT 12.dwg



FIRST FLOOR PLAN - ELEVATION A

SCALE: 1/4" = 1'-0"
10'-1" 1/8" FRAMED WALL HEIGHT
WINDOW HEADERS @ 8'-0" A.F.F.

WALL STUD REQUIREMENTS	
EXT. WALL HEIGHT (ft)	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:
THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONTINUOUSLY SHEATHED WALL SHEATHING AS INDICATED IN THE GENERAL NOTES. WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE CODE, IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS INCORPORATING ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE.

1. I-JOISTS ARE DESIGNED TO BE CONTINUOUS IN SOME AREAS. I-JOIST MANUFACTURER TO STOP AND START JOISTS WHERE SHOWN ON PLAN TO ALLOW FOR CONTINUOUS ACTION.
2. "DBL" INDICATES DOUBLE JOIST
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.
5. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALIGN UNDER LOAD BEARING WALLS. SEE THE ARCHITECTURAL PLANS FOR DIMENSIONS TO WALLS.
6. 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(4) 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 HANGERS
(2) 2X6	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 10d X 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 (3)-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 (3"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 "AJ" OR "WK" ON PLAN)
SPANS UP TO 4'-0" ..... 1 JACK, 1 KING
SPANS 4'-0" TO 6'-0" ..... 1 JACK, 2 KINGS
SPANS 6'-0" TO 8'-0" ..... 2 JACK, 3 KINGS
SPANS >8'-0" ..... SEE PLAN

Acknowledgement
Plans Submittal ONLY!
Tom Shuck Date 10/25/17
Date 10/25/17

NEST HOMES
206 Raceway Drive Suite 7
Mooresville, NC 28117
PH: 704-296-4251
www.nesthomes.com

Township/County
TOWNSHIP
COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE #204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORP. LIC.# C-0118
704-336-7200

Stamp/seal

Project name/owner
CUSTOM PLAN 1
ELEVATION C
HAZELTON
LOT 12
OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000
PH: 000-000-0000

(c) 2017 copyright notice Nest Homes, Inc. All rights reserved. These plans are the property of Nest Homes. Any use, reproduction, licensing, or distribution of these drawings is strictly prohibited. This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization from Nest Homes.

Date: August 7, 2017
Drawn by: RES
Reviewed by: INITIALS
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
Sheet no.: A3.0
Master plan version: v1.0

C:\Users\Robert Smith\Dropbox (Nest Homes\NEST HOMES - HOME BUILDING\ARCHITECTURAL SERVICES\2_PRODUCTION\HAZELTON\LOT 12\HAZELTON LOT 12.dwg Plot Date=Friday, September 29, 2017 8:45:59 AM Plot Scale: 1'1"x1"= 1'-0" 27"x36" = 1/4"=1'-0" Plotted by:Robert Smith

IREDELL COUNTY

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

APPLICATION NUMBER
226208
Issue Date: 04/07/2017

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4646089204.000	172 HAZELTON LOOP, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: COPE KAY R	Applicant: NEST HOMES LLC
Address: 3645 AMITY HILL RD CLEVELAND, NC 27013	Address: PO BOX 3965 MOORESVILLE, NC 28117
Phone:	Phone: 704-208-4251

Use Requested	Zone Code
	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
	35.00	50.00	15.00	15.00	CACL	AE

Remarks:

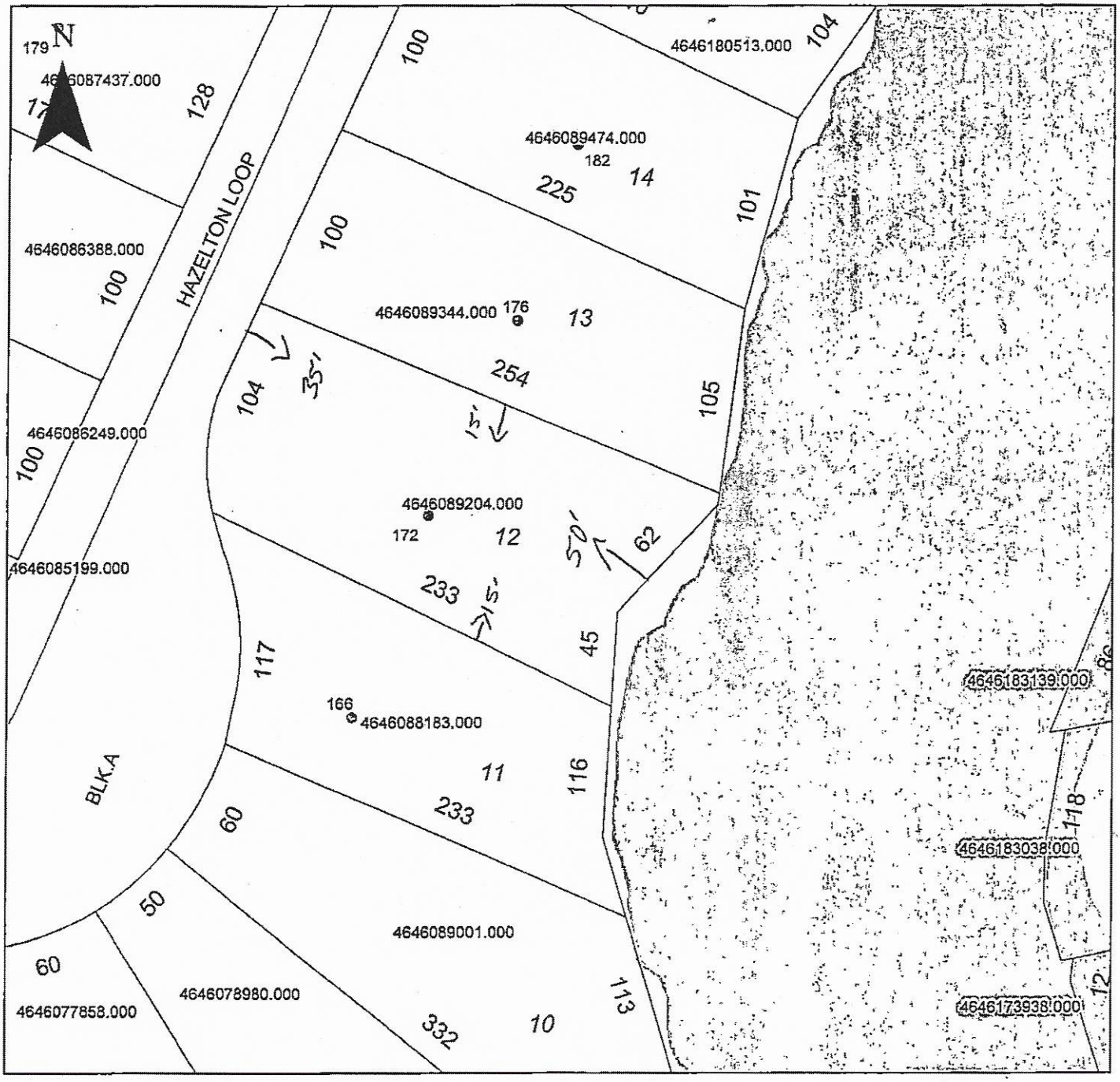
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions,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

Applicant: _____ Date: _____

Permit Number	99055	TOTAL FEES:	$ 77.25

226208

ZONING DISCLAIMER



Property Address 172 Hazelton Lp.

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

Applicant

10-7-17
Date