IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 244163

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

PIN # 4629945932

APPLICANT/OWNER: Lawrence Boening APPLICANT ADDRESS: 4109 Stillwater

SITE ADDRESS: 4109 Stillwater Rd, Troutman 28166 PHONE: 336-3450268 ALT. PHONE 704-363-4940 (Aaron-Nest Homes)

SITE DIRECTIONS: State Park Rd → L on Morrison Farm → L on Daycault Ct → R on Stillwater → on L SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL+T SECTION: 17 LOT #: 69 LOT AREA: .7ac DESIGN FLOW: 480 gpd L.T.A.R.: ext (.3R)

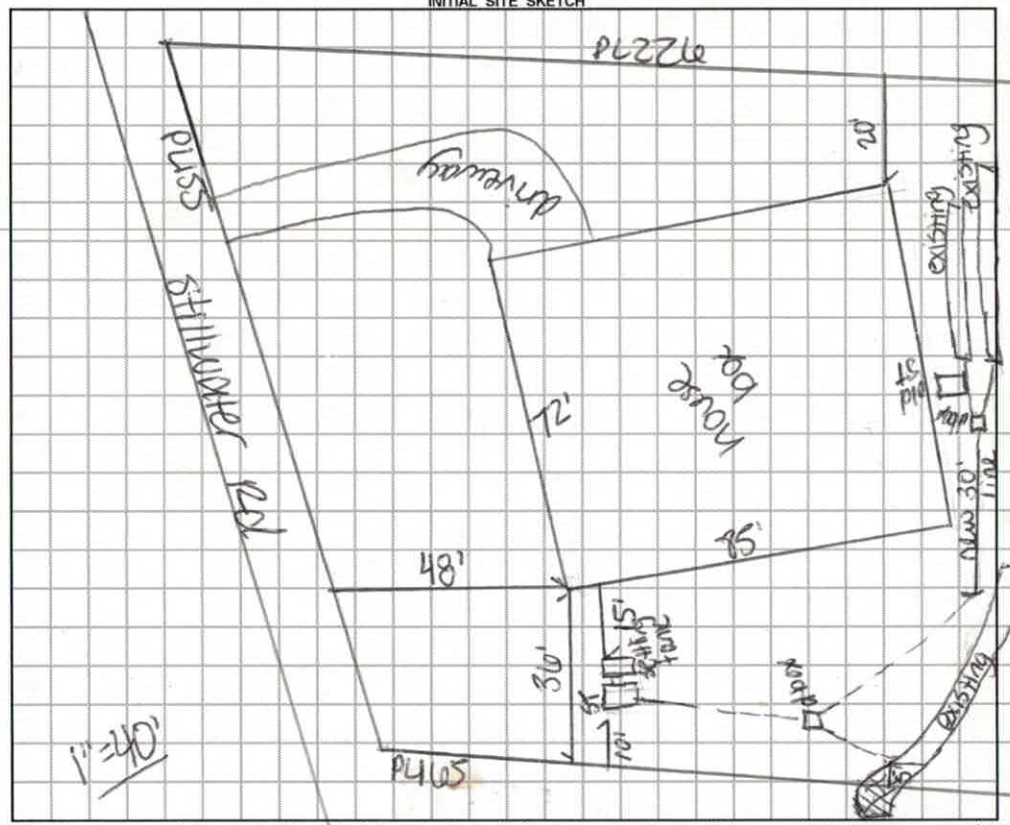
Septic Tank	1000 (gal)	STB 2071	Date INFILTRATOR	☐ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank (SEPTIC)	1000 (gal)	PT 2071	Date INFILTRATOR	System Description: recon+100 25% reduction + ext		☐ Business	No. Persons 8	☐ Private
Pump Make		Model	Serial #	Repair System Description: LPP BRS - pretreated		☐ Other	No. Employees	☒ Public
# Nitrification Fields 2	# Lines 1 new	Linear Ft ext + 30'	Maintenance Agreement Required:	☐ YES ☐ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth 36" max	Gravel Depth ext		☐ GRAVITY ☐ PRESSURE		☒ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Properly abandon old septic tank. Set 2 tanks in series with grinder pump for basement. Install new 30' line on contour. Set first d-box to feed ½ to existing bed and ½ to new 30' line. Set second d-box after 30' line to equal feed other existing gravel lines. Abandon part of oldest gravel system over property line until it meets 5' setback (decided 1-1-77). Ensure that no fill material is on drainfield area where new install should go.

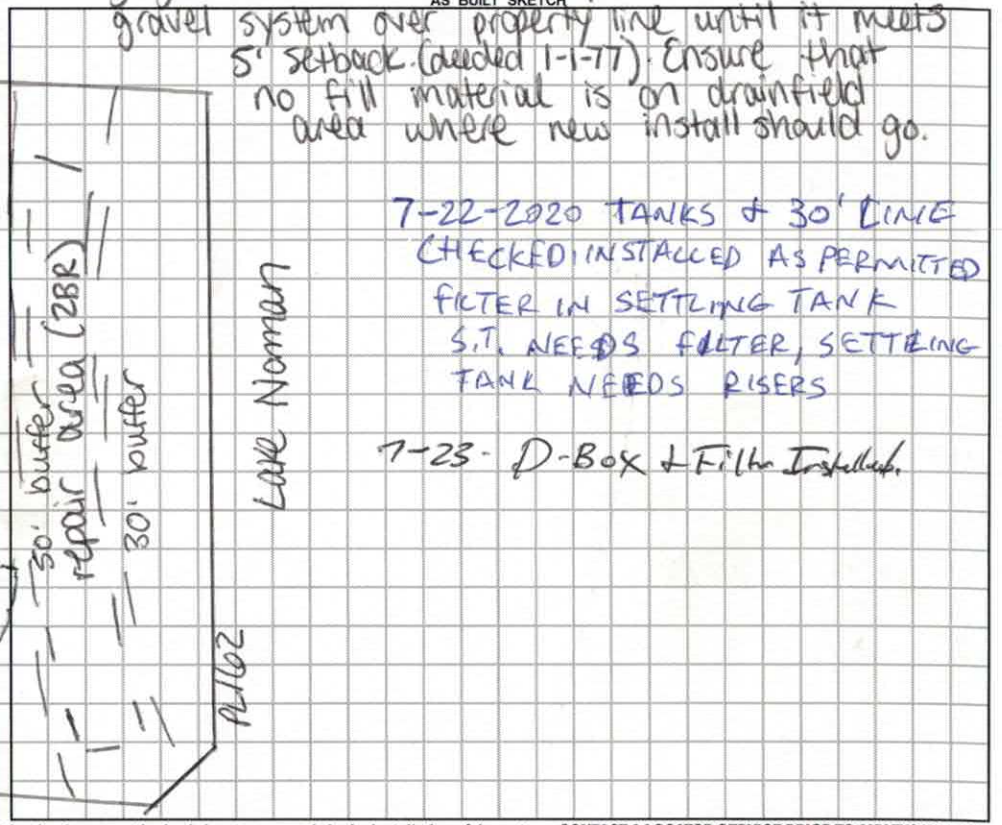
7-22-2020 TANKS & 30' LINE CHECKED INSTALLED AS PERMITTED FILTER IN SETTLING TANK S.T. NEEDS FILTER, SETTLING TANK NEEDS RISERS

7-23 - D-Box + Filter Installed.

INITIAL SITE SKETCH



AS BUILT SKETCH



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: 1-6-20 Installed by: SPECIALTY SEPTIC

IMPROVEMENT PERMIT by: Carla C. Nicks Date: 1-6-20 OPERATION PERMIT by: [signature] Date: 7/23/2020

AUTHORIZATION TO CONSTRUCT by: Carla C. Nicks Date: 1-6-20 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.

AC only (w/ site visit)

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH #244163 $560.00

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: Lawrence Boening **Address:** P.O. Box 3965, Mooresville, NC **Zip:** 28117

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

Property Information:

Street Address: 469 Stillwater Road, Troutman, NC 28166

Subdivision Name: Crescent Land & Timber Corp. **Section/Phase:** **Lot Number:** 69

Driving Directions: State Park Road, Left on Morrison Farm, Left on Dayvault Cut, Right on Stillwater lot on left

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
(X) 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: unknown
( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional (X) 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: Jenna DuBois 11/21/19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

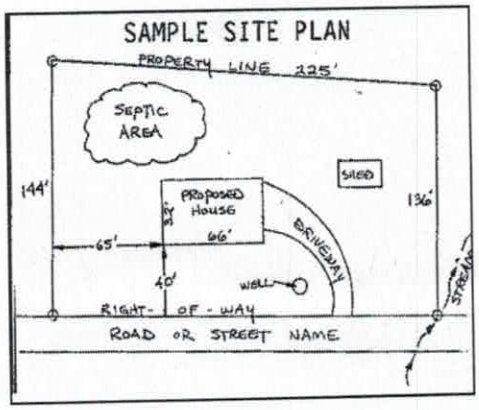
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***

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

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



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

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

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

Signature: Jenna DuBois

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

11/21/19

DATE

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 # 244163

PIN # 4027945932

APPLICANT/OWNER: Lawrence Boening

APPLICANT ADDRESS: 469 Stillwater

SITE ADDRESS: 469 Stillwater Rd, Troutman

PHONE: 336-345-0207

ALT. PHONE —

SITE DIRECTIONS: State Park Rd → L on Morrison Farm → L Dayvault Cut → L on Stillwater → on L

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL+T

SECTION: 17 LOT # 109 LOT AREA: .7ac

DESIGN FLOW: 480 gpd L.T.A.R.: ext (.3R)

Septic Tank	1000	(gal)	STB		Date				
Pump Tank		(gal)	PT		Date				
Pump Make			Model		Serial #				
# Nitrification Fields	2		# Lines	1 new	Linear Ft	ext + 30'			
Trench Width	36"		Trench Bottom Depth	36" max	Gravel Depth	ext			

☐ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: Relocation 25% reduction

Repair System Description: LPP BPS - pre treated

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 4

☐ Business No. Persons 3

☐ Other No. Employees —

☐ Slab ☐ Crawl Space

☒ Basement w/plumbing ☐ Basement w/o plumbing

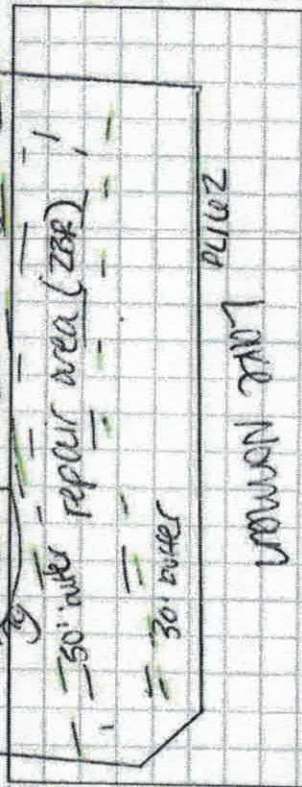
Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Properly abandon old septic tank. Set 2 tanks in series if grinder pump is used for basement. Install new 30" on contour. Set up d-box to feed newer part of system 2/3 and oldest bed 1/3. Abandon part of oldest gravel system over property line until it meets 5' setback (deeded 1-1-77).

INITIAL SITE SKETCH



AS BUILT SKETCH



AC is contingent upon -
- well being properly abandoned
- site evaluation by ICHD after house demolition to ensure septic area has not been disturbed.
- floor plans

★ An up to date drawing will be made once AC conditions have been met ★

---IMPROVEMENT PERMIT ONLY---

DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

COPY

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☐ 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: _____ Installed by: _____

IMPROVEMENT PERMIT by: Carla C Cave Date: 7/15/19 OPERATION PERMIT by: _____ Date: _____

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

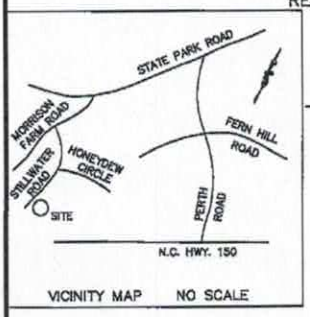
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

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 2384, page 318, and/or plat book 13, page 67, 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 12, day of NOV., A.D. 20 18.

REVISED : 5\30\19 (REVISED HOUSE PLANS)
REVISED : 10\31\19 (MOVED HOUSE)

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



VICINITY MAP NO SCALE

PB15P067

LAKE NORMAN

760 CONTOUR

S57°09'00"W 24.08

138.15
S01°18'00"W

50' BUFFER

ORANGE

PINK

RED

YELLOW

S85°01'00"E 226.20

15' SIDE

20.0

LOT 69
0.70 AC.

LOT 68

YELLOW

15' SIDE SETBACK

N82°52'00"W 164.52

THE RACHEL
NEO-CLASSICAL

WELL

LOT 70

36.5

35' FRONT

42.6

45.0

N14°27'00"W
155.28

R\W

STILLWATER RD.
(60' PUBLIC R\W)

R\W

LEGEND
- P.P. = POWER POLE
- □ = POWER TRANS.
- E.I.P. = EXISTING IRON FOUND
- I.P.S. = #4 REBAR SET
- R/W = RIGHT-OF-WAY
- CP = COMPUTED POINT

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.

0' 25' 50' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
469 STILLWATER RD.
LOT 69 CRESCENT LAND & TIMBER CORP. SECT. 17
DAVIDSON TWSP., IREDELL CO., N.C.

SCALE 1" = 50'
ACQUIRED BY: LAWRENCE K. & ELIZABETH P. BOENING

FIELD BOOK:
FILE: CLT 69 S17
DC FILE:
TAX MAP NO: 4629945932

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, Lawrence K. Boening, am the legal owner(s) of the property located at 469 Stillwater Road, Troutman, NC 28166, identified as PIN (Parcel Identification Number) 4629-94-5932.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Samuel Ashley Rollans w/Rollans Soil & Environmental Services and Jenna DuBois with Nest Homes, LLC, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

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

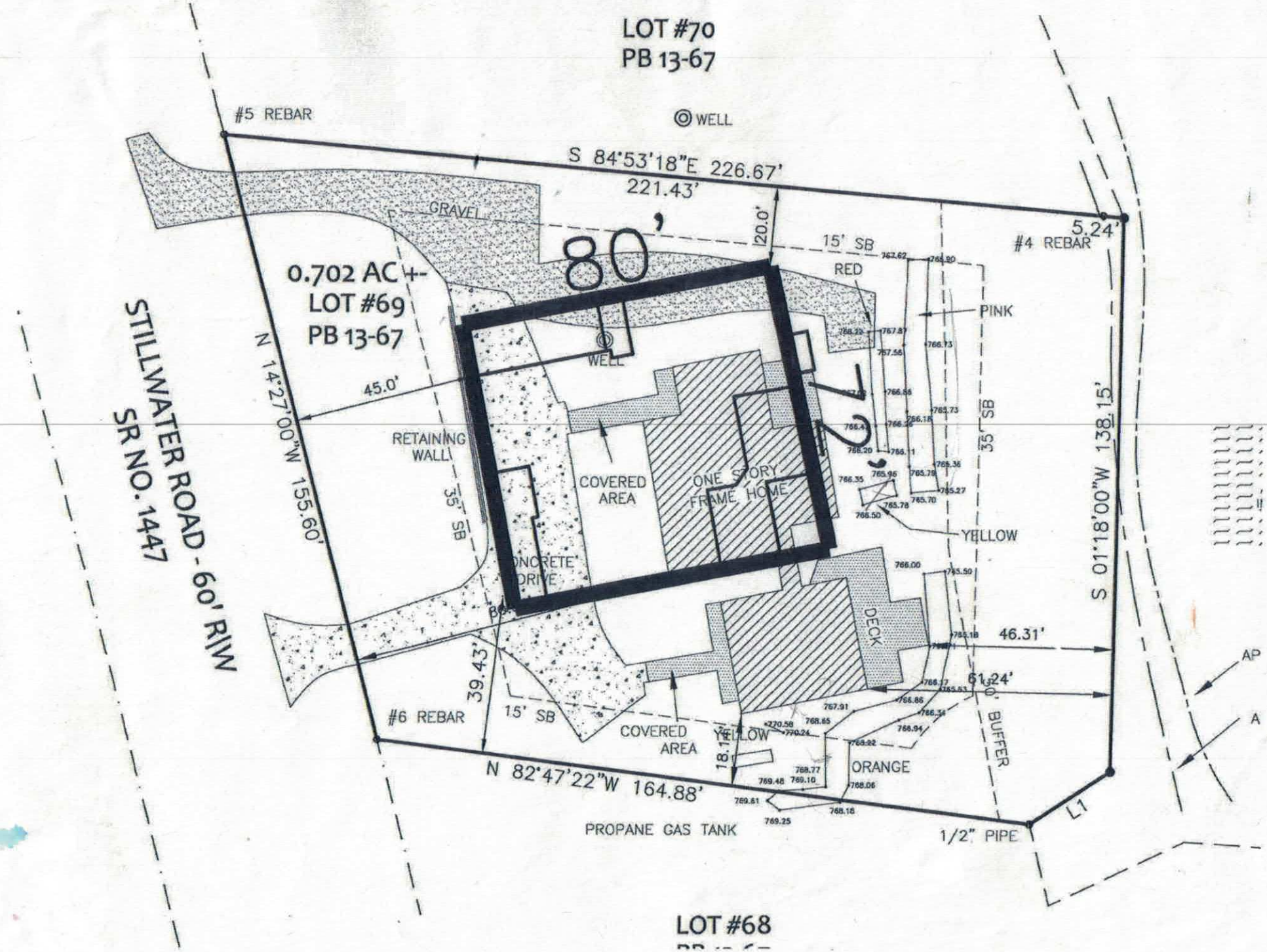
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

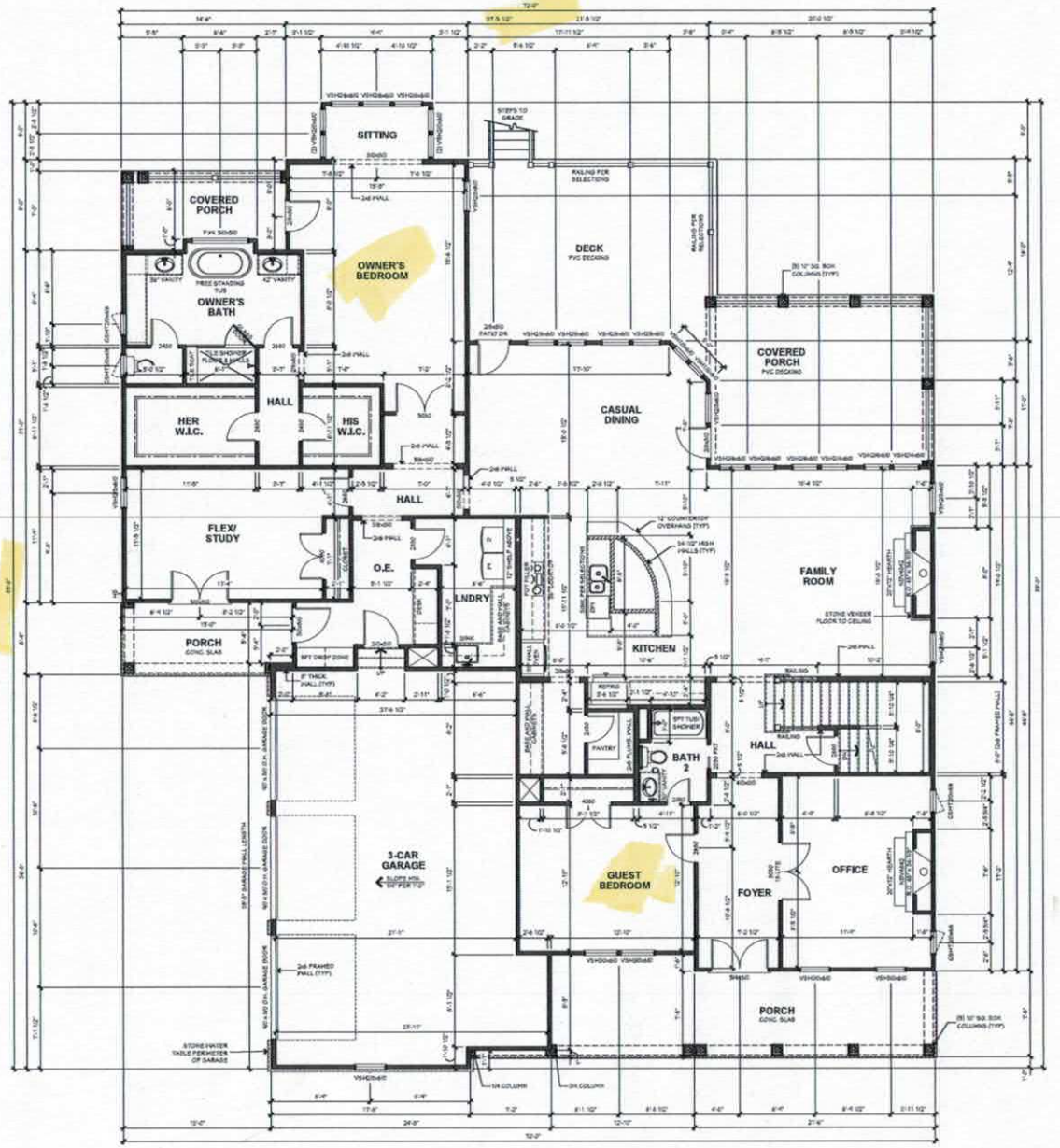
Signature of Owner(s)	Date	Signature of Witness	Date
	4/22/19		4/22/19

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


LOT #70
PB 13-67
#5 REBAR
WELL
S 84°53'18"E 226.67'
221.43'
GRAVEL
80'
20.0'
15' SB
5.24'
#4 REBAR
0.702 AC +-
LOT #69
PB 13-67
RED
PINK
WELL
N 14°27'00"W 155.60'
45.0'
RETAINING WALL
35' SB
COVERED AREA
ONE STORY FRAME HOME
YELLOW
CONCRETE DRIVE
DECK
S 01°18'00"W 138.15'
46.31'
61.24'
AP
A
STILLWATER ROAD - 60' RIW
SR NO. 1447
39.43'
#6 REBAR
15' SB
COVERED AREA
YELLOW
18.1'
ORANGE
10' BUFFER
N 82°47'22"W 164.88'
PROPANE GAS TANK
1/2" PIPE
L1
LOT #68



FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"
10'-1 1/2" WALL HEIGHT
WINDOW HEADER @ 6'-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 ≤ 16'-0"	2x6 @ 16" O.C.
h > 16'-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)2X6 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 NEEDS(S) 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 216-2
(2) 1 3/4" X 9 1/4" LVL	HUS 419
(2) 1 3/4" X 11 7/8" LVL	HUS 422
(2) 1 3/4" X 14" LVL	HUS 413
ALL TRIPLE LVLs	HHUS 5.38/18

8. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 10d x 1 1/2" COMMON NAILS (.162"x 3.125") OR 16d x 2 1/2" (.162"x 3.125") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 10d'S OR "HANGER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 5" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
9. STEEL BEAMS MUST HAVE (5)-2X4 OR (4)-2X6 STUDS UNDER EACH END (UPPORT 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 8" LONG SIMPSON SDS SCREWS OR SIMPSON SDS SCREWS @ 16" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 6&1/2" 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 "4-0" OR "6" ON PLAN.
SPANS UP TO 4'-0" ..... 1 JACK, 1 KING
SPANS >4'-0" TO 5'-4" ..... 1 JACK, 2 KINGS
SPANS >5'-4" TO 6'-4" ..... 2 JACK, 2 KINGS
SPANS >6'-4" ..... SEE PLAN

Acknowledgement Of Plans Submittal ONLY!

Carla C Nicks Date 1-6-20

Date 1-6-20

IDE HOMES

Township/County: TOWNSHIP COUNTY

Engineer:

INTELLIGENT DESIGN ENGINEERING
5945-J N PEASE PLACE
#254
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
704-535-7286
CORP. LIC. # C-3118

Stamp/seal:

Project name/owner: THE RACHEL NEO-CLASSICAL

YOUR NEST YOUR LOT

LAWRENCE & ELIZABETH ROSSING

400 STILLWATER RD TROUTMAN, NC 28166

336-845-6286

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Date: June 10, 2019

Drawn by: RSS

Reviewed by: INITIALS

Plan set scale: 30x42 sheet 1/4" = 1'-0" 11x17 sheet NOT TO SCALE

Project/plan code: ---

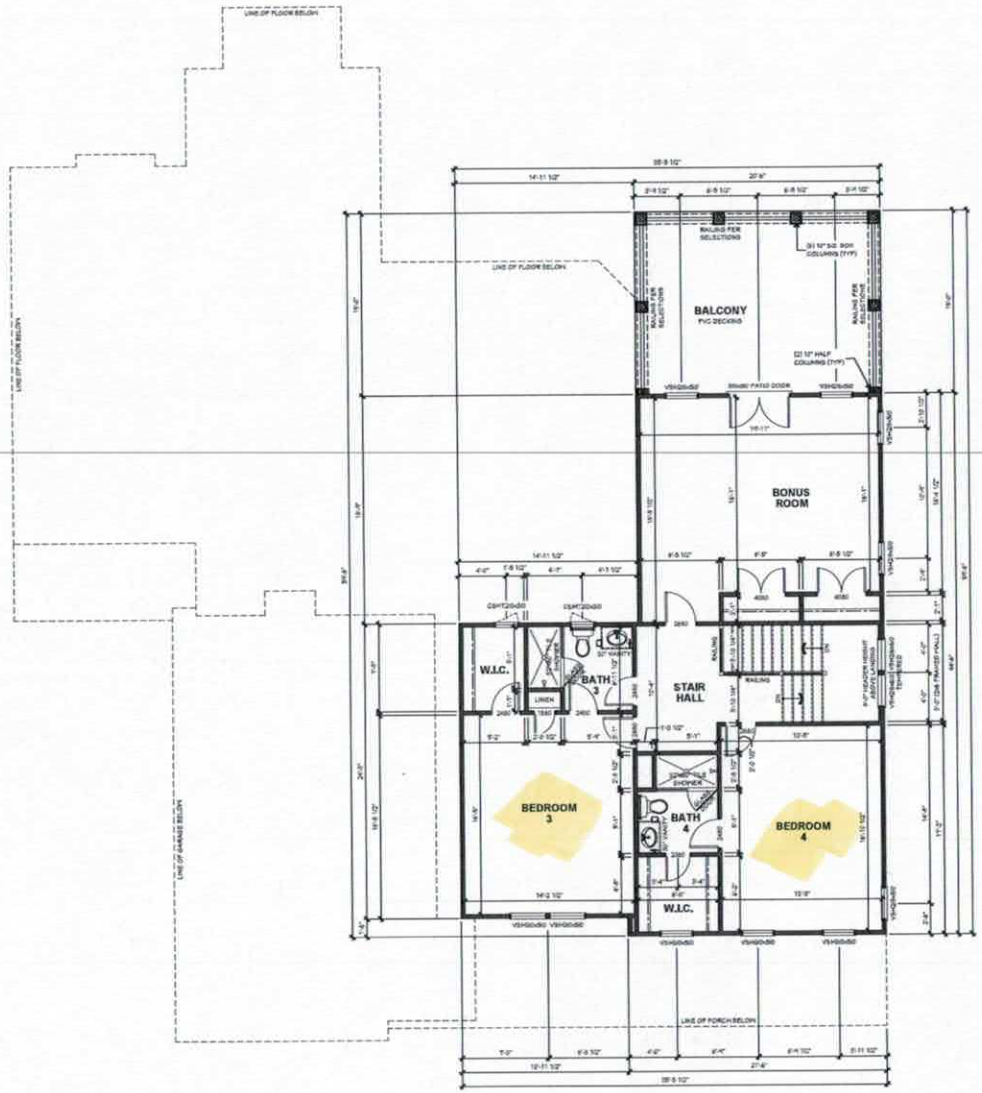
Drawing set: FOR CONSTRUCTION

Sheet title/description: FIRST FLOOR PLAN

Sheet no.: A3.0

Master plan version: v1.0

E:\Division (Non) Homes\2021 HOMES - HOMES\A_Drafting\Revit server\A3_models\The_YOUR NEST YOUR LOT\MODELS\R19 RESIDENTIAL_BOEING_RACHEL_LH_REVIT.dwg Plot Date: Monday, November 04, 2019 4:29:26 PM Plot Scale: 1"=1'-0" • NOT TO SCALE 30"x42" • 1/4"=1'-0" Plotted by: Robert Smith



SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
9.1 1/2" WALL HEIGHT
WINDOW HEADER @ 6'-8" A.F.F.

UPPER LEVEL NOTES

UPPER LEVEL FRAMING NOTES:

BRACED WALL LINE NOTES:
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.S." INDICATES "TIE (CEILING JOIST) TO RAFTER WITH FOUR 8"SS 10D" NAILS)
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 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(A) 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) 1X6	LUS 26-2
(2) 2X10	LUS 210-2
(2) 2X12	LUS 210-2
(1) 1.25" X 9.25" LVL	HUS 410
(2) 1.25" X 11.25" LVL	HUS 412
(2) 1.25" X 14" LVL	HUS 414
ALL TRIPLE LVLs	HHUS 5.50/10

6. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 10d x 1.5" COMMON NAILS (.0"x 0.162") OR 16d (.0" OR 0.162") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 10d'S OR "WISER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 10" 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, ANOTHER 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 24X SQUASH BLOCKS (LBL) 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 METHOD OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE "S.S" IS INDICATED ON THE PLAN.
9. FASTEN ALL TRIPLE PLY LVLs TOGETHER WITH TWO ROWS OF 3" LONG TRUSSLOK OR SIMPSON SDS SCREWS @ 16" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 4(8" TRUSSLOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. THE SCREWS SHALL BE LOCATED A MINIMUM OF 2" AND A MINIMUM 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 "NI" OR "#N" ON PLAN
SPANS UP TO 4'-0" ..... 1 JACK, 1 KING
SPANS >4'-0" TO 8'-0" ..... 2 JACK, 2 KINGS
SPANS >8'-0" TO 8'-8" ..... 2 JACK, 3 KINGS
SPANS >8'-8" ..... SEE PLAN
11. CONTRACTOR TO PROVIDE 22"x30" ACCESS TO ATTIC.

DDS HOMES
100 Rosemary Drive, Suite C
Mooresville, NC 28117
Ph: (704)-235-8383
www.ddshomes.com

Township/County
TOWNSHIP
COUNTY

Engineer
IDE
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE
#250
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
704-235-7300
C/DEP. LIC. # C-2110

Stamp/Seal

Project name/owner
THE RACHEL
NEO-CLASSICAL

YOUR NEST YOUR LOT
LAWRENCE & ELIZABETH BOENDG

400 STILLWATER RD
TROUTMAN, NC 28166
336-540-6288

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Date
June 10, 2016

Drawn by
KES

Reviewed by
DETAILS

Plan set scale
30x42 sheet
1/4" = 1'-0"
11x17 sheet
NOT TO SCALE

Project/plan code
—

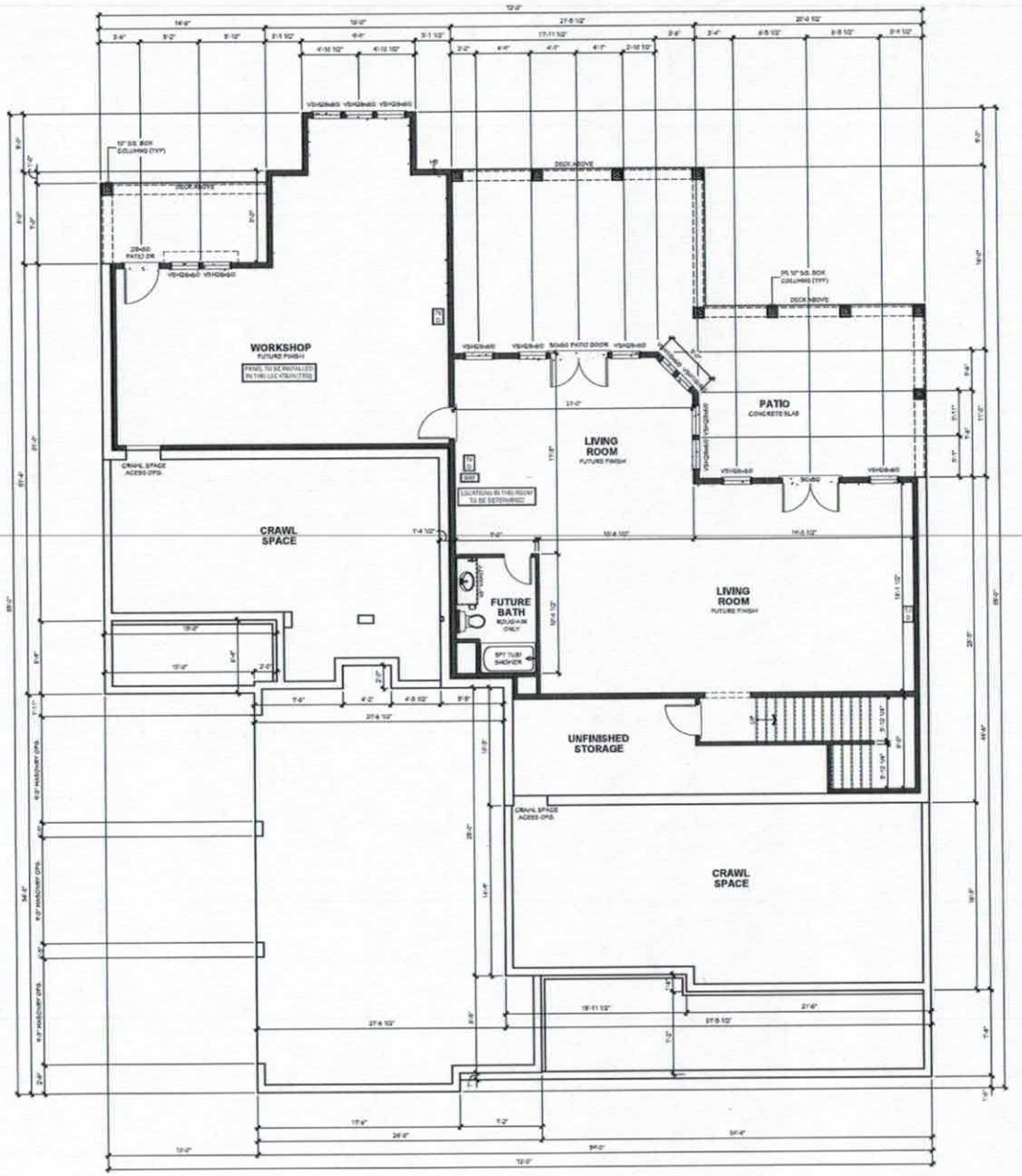
Drawing set
PDS CONSTRUCTION

Sheet title/description
SECOND FLOOR PLAN

Sheet no.
A4.0

Master plan version
v1.0

E:\Drafting Files\~Active Jobs\1 HOMES - HOMEBUILDING\Architectural services\2_production\the_YOUR NEST YOUR LOT\BOENDG RESIDENCE\YYY_BOENDG_KICHEN_1A_BSHRT.dwg Plot Date: Monday, November 05, 2018 4:29:28 PM Plotted by:Robert Smith
Plot Scale: 11"x17" = NOT TO SCALE 30"x42" = 1/4"=1'-0"



BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0"
10'-0" WALL HEIGHT
WINDOW HEADER @ 6'-8" A.F.F.

TOWNSHIP
COUNTY

INTELLIGENT DESIGN ENGINEERING
1945-J N PEASE PLACE
#203
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
704-335-7250
CORP. LIC. # C-2119

THE RACHEL
NEO-CLASSICAL

YOUR NEST YOUR LOT

LAWRENCE &
ELIZABETH BOENING

400 STILLWATER RD
TROUTMAN, NC 28166

336-945-6286

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Date
June 10, 2019

Drawn by
RES

Reviewed by
INITIALS

Plot set scale
20x42 sheet
1/4" = 1'-0"
11x17 sheet
NOT TO SCALE

Proposition note
—

Drawing set
FOR CONSTRUCTION

Sheet title/description
LOWER LEVEL FLOOR PLAN

Sheet no.
A5.0

Master plan version
v1.0

Plot Scale: 11"x17" = NOT TO SCALE 60"x42" = 1/4"=1'-0" Plotted by: Robert Smith
Plot Date: Monday, November 04, 2019 4:09:50 PM E:\Dropbox (Nest Homes)\NEST HOMES - HOMEBUILDING\Architecture services\2_production\a_YOUR NEST YOUR LOT\BOENING RESIDENCE\PHYL_BOENING_KACHE_LH_REVIT.dwg

IREDELL COUNTY

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

APPLICATION NUMBER
244163
Issue Date: 04/29/2019

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4629945932.000	469 STILLWATER ROAD, TROUTMAN, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: BOENING, LAWRENCE K + ELIZABET H P	Applicant: BOENING, LAWRENCE K +
Address: 469 STILLWATER RD	Address: 469 STILLWATER RD
TROUTMAN, NC 28166	TROUTMAN, NC 28166
Phone: 336-345-0268	Phone: 336-345-0268

Use Requested	Zone Code
SFD	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.700	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	175386	TOTAL FEES:	$ 77.25