IREDELL COUNTY HEALTH DEPARTMENT

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

PERMIT # 241278

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

PIN # 4646-32-6102

APPLICANT/OWNER: Foundation Homes | APPLICANT ADDRESS: 438 Williamson Rd, STE C Mooresville, NC

SITE ADDRESS: 105 Barrister Bay Lane Mooresville, NC | PHONE: 704-650-2260 | ALT. PHONE —

SITE DIRECTIONS: Williamson Rd S from BSR → R on Alcove Rd → R on Catalina → R on Barrister Bay → site left on | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Barrister Bay | SECTION: — | LOT # 1 | LOT AREA: 1.11 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: 0.30

Septic Tank	1000	(gal)	STB	Infiltrator	Date	Infiltrator	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% Reduction (Serial Distribution)			
Pump Make	—	Model	—		Serial #	—	Repair System Description:	50% Reduction			
# Nitrification Fields	1	# Lines	4		Linear Ft	400	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)			28"-32"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

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

Comments / Conditions: Gully / complex topo area, must be filled to top of bank to allow for septic line/repair area to be located where currently permitted. Recommend pumping septic tank every 3-5 years.

2/21/19: Per floor plans, only a 3-bedroom house to be constructed. 57' from house corner to lot line

INITIAL SITE SKETCH

15ft (Side

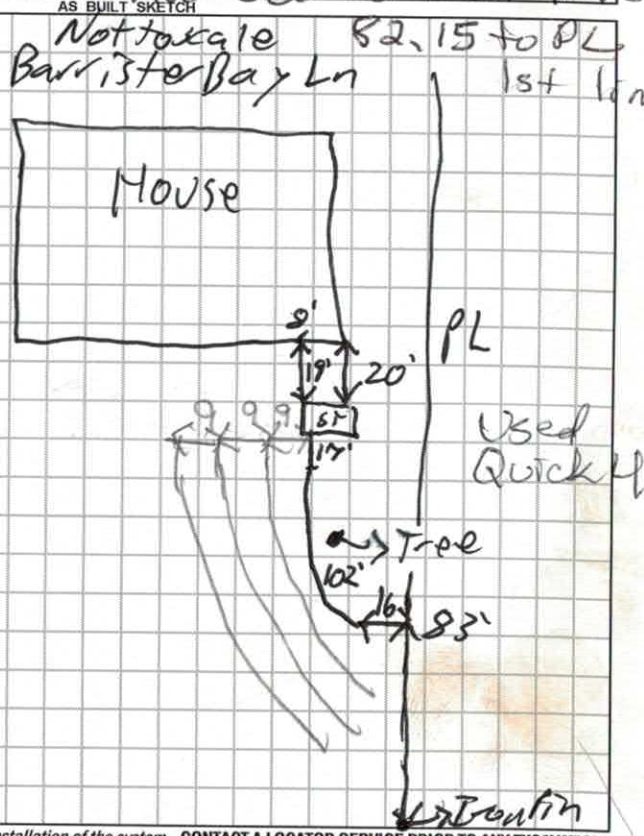
See attached plans from Michael Athanas + Associates

Dated 1/4/2019

* 2/21/19: 10'+15' Deck on rear of house NOT to extend beyond original approved house box perimeter.

AS BUILT SKETCH

8/12/19: House Built Deck not yet installed only checked 1st Main Line and Tank.



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: 2/21/2019

IMPROVEMENT PERMIT by: Thomas Shuck Date: 1/29/2019

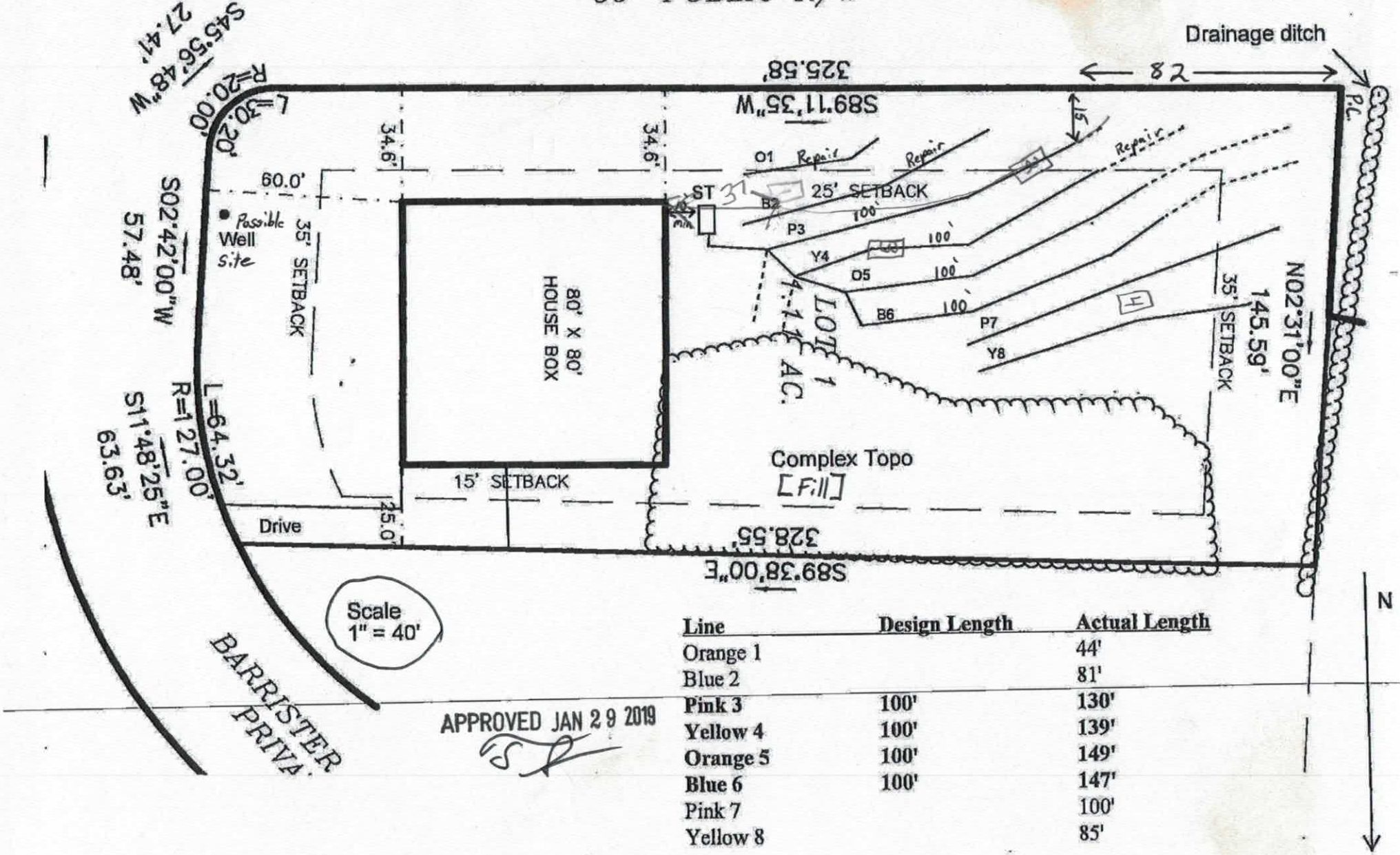
AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 2/21/2019

Installed by: Specialty Septic

OPERATION PERMIT by: Maria Dotson Date: 8/13/19

Existing System Inspected by: _____ Date: _____

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



Line	Design Length	Actual Length
Orange 1		44'
Blue 2		81'
Pink 3	**100'**	**130'**
Yellow 4	**100'**	**139'**
Orange 5	**100'**	**149'**
Blue 6	**100'**	**147'**
Pink 7		100'
Yellow 8		85'

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

Sheet 1 of 1
PROPERTY ID #: 4646-32-6102
COUNTY: Iredell

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

OWNER: Jay Kevin White
ADDRESS: 120 Barrister Bay Lane Mooresville, NC
PROPOSED FACILITY: 4BR SFR PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 105 Barrister Bay Barrister Bay (Lot 1)
APPLICATION DATE 1/4/2019
DATE EVALUATED: 1/15/19
PROPERTY SIZE: 1.11 acres
PROPERTY RECORDED: Yes
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	LSS 7%	0-5"	SCL V.W.SBK	SI. Friable, SS, Sp, Scep	—	54"	—	—	0.30 PS
		5-40"	clay m SBK/ABK	SI. Firm, Sticky, Sp, Scep					
		40-54"	clay Loam w. SBK some Sap	SI. Friable, SS, Sp, Scep					
2	LSS 8%	0-7	SCL V.W.SBK	SI. Friable, SS, Sp, Scep	—	55	—	—	0.30 PS
		7-43	clay w-m SBK/ABK	SI. Firm, Sticky, Sp, Scep					
		43-55	Clay Loam (fine) W. SBK	SI. Friable, SS, Sp, Scep					
3	LSS 10%	0-5	SCL V.W.SBK	SI. Friable, SS, Sp, Scep	very Gradual Transitional Boundary	65"	—	—	0.30 PS
		5-45	clay W-m. SBK/ABK	SI. Firm, Sticky, Sp, Scep					
		45-65	Clay Loam W. SBK some Sap	SI. Friable, SS, Sp, Scep					
4	LSS 8%	0-7	SCL V.W.SBK	SI. Friable, SS, Sp, Scep	—	61"	—	—	0.30 PS
		7-29	clay m-s ABK w. SBK	SI. Firm, Sticky, Sp, Scep					
		29-61	clay Loam some Comm. Sap	Friable, SS, Sp, Scep					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400+	300+
System Type(s)	25% Red	50% Red
Site LTAR	0.30	0.30

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Gary McNealy (CM+A Assoc)

COMMENTS: Fill Gully



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Barrister Bay Lot 1
House Footprint: 80' x 80'
Building Setbacks: 35' front/rear, 15' side, 25' side street
Water Source: Private well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

Line	Design Length	Actual Length
Orange 1		44'
Blue 2		81'
Pink 3	**100'**	**130'**
Yellow 4	**100'**	**139'**
Orange 5	**100'**	**149'**
Blue 6	**100'**	**147'**
Pink 7		100'
Yellow 8		85'

Initial System: 400' **Repair System:** 310'

Comments:

APPROVED JAN 29 2019

Not Exp. Review

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) Septic Improvement Permit (✓) 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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Foundation Homes Address: 438 Williamson Rd, STE C, Mooresville, NC Zip: 28117

Applicant Email: _____ Phone: 704-650-2260 Alt. Phone: _____

Owner Name: Jay Kevin White Address: 120 Barrister Bay LN, Mooresville, NC 28117 Zip: _____

Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 105 Barrister Bay Ln

Subdivision Name: Barrister Bay Section/Phase: _____ Lot Number: 1

Driving Directions: _____

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence — Maximum Number of Bedrooms: 4 — (✓) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
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: _____

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) 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: _____ 1/4/2019
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
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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, Jay K.White, am the legal owner(s) of the property located at Lot 1 - Barrister Bay Lane, identified as PIN (Parcel Identification Number) 4646-32-610, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Jonathan Smith, Foundation Homes, 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.

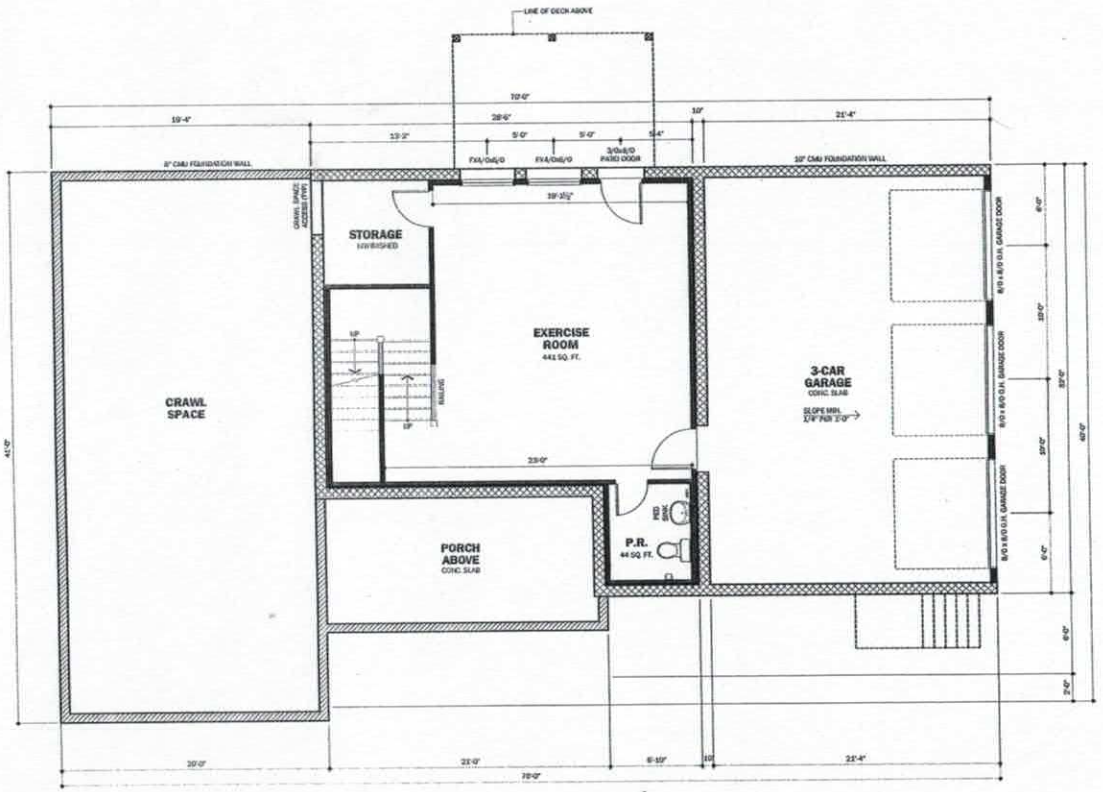
Jay Kevin White	dotloop verified 11/08/18 9:30AM EST GMCZ-CLOJ-EXON-N57E	Amy Feira	dotloop verified 11/08/18 11:16AM EST DSUK-CMKE-DN8H-DNQV
Signature of Owner(s)	Date	Signature of Witness	Date

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

70'



41'

40'

70'

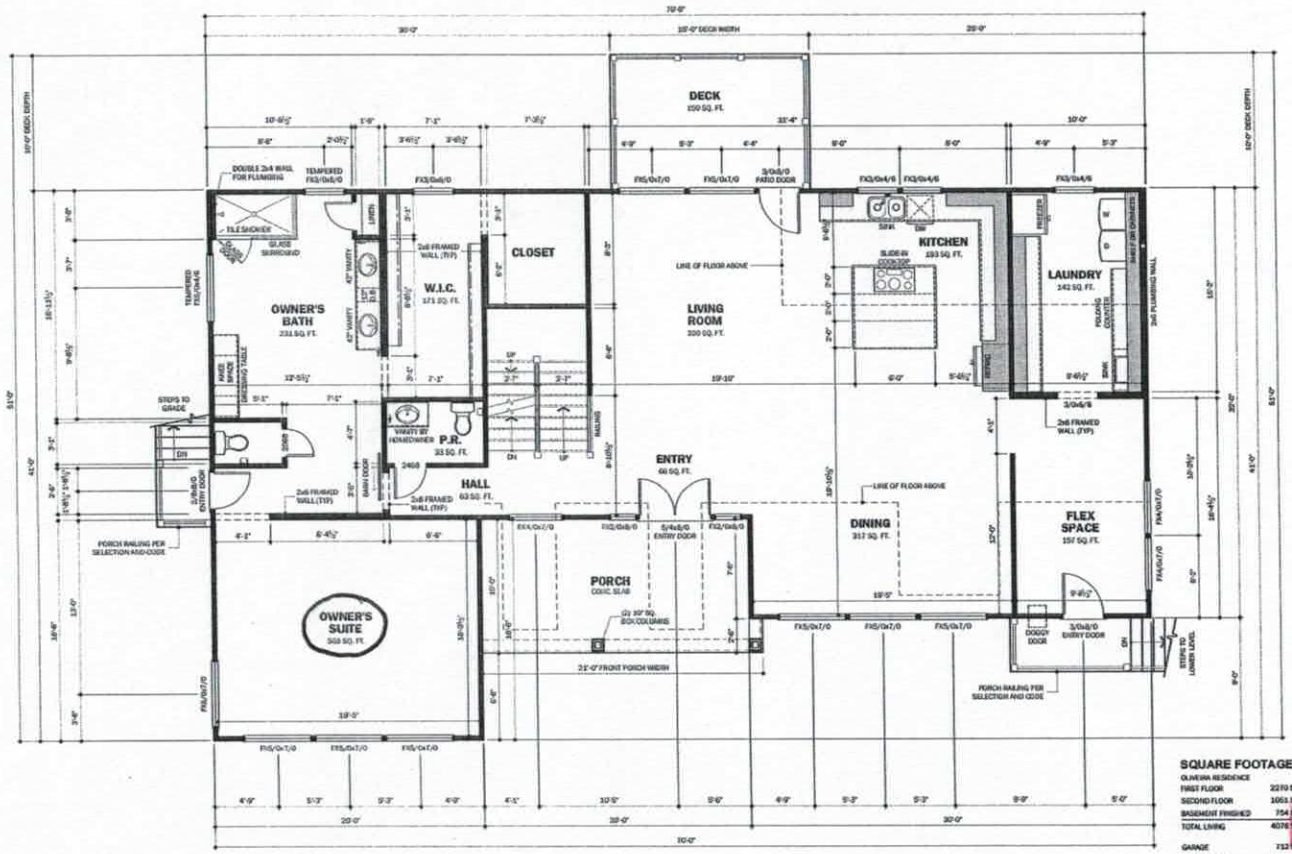
BASEMENT LEVEL PLAN

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

Acknowledgement Of
Plans Submittal ONLY!
Brenda Smith Date 2/21/19
Tom Shuck Date 2/21/19

70'

51'



51'

70'

FIRST FLOOR PLAN

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

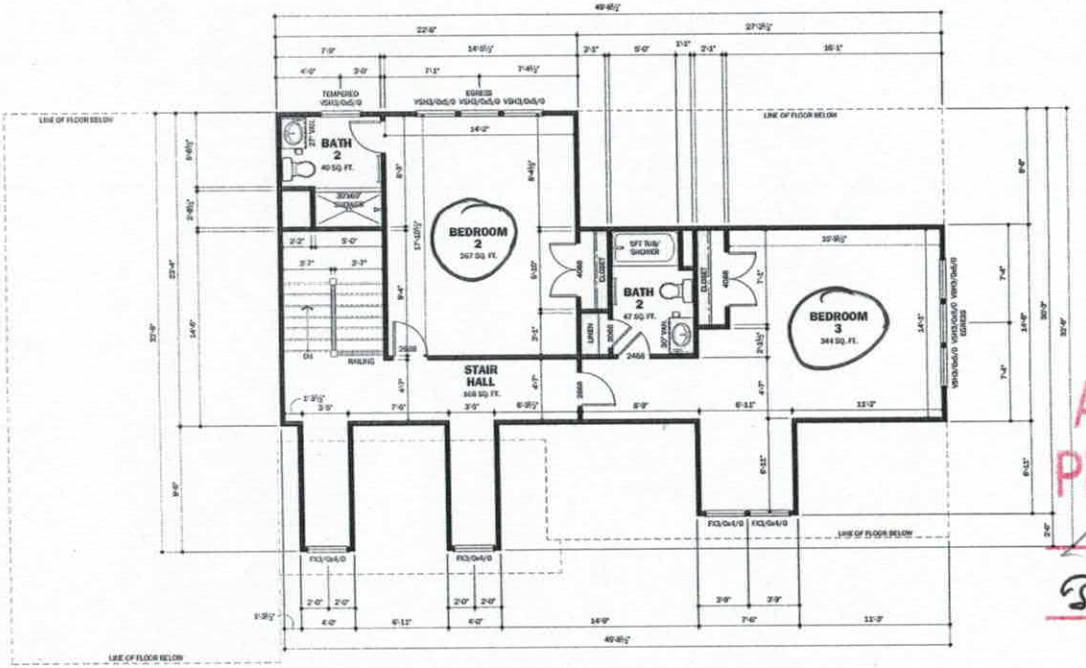
SQUARE FOOTAGE

OLIVEIRA RESIDENCE

FIRST FLOOR	2270 SQ. FT.
SECOND FLOOR	1051 SQ. FT.
BASEMENT FINISHED	754 SQ. FT.
TOTAL LIVING	4076 SQ. FT.
GARAGE	712 SQ. FT.
FRONT PORCH	203 SQ. FT.

SQUARE FOOTAGE IS CALCULATED FROM THE OUTSIDE SURFACE OF EXTERIOR WALLS

Acknowledgement Of Plans Submittal ONLY!
Brenda Smith Date 2/21/19
Tom Shud Date 2/21/19



Acknowledgement Of
Plans Submittal ONLY!
Brenda Smith Date 2/21/19
Tom Shuck Date 2/21/19

SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
9'-1 1/8" WALL HEIGHT
WINDOW HEADER @ 7'-0" A.F.F.

IREDELL COUNTY

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

APPLICATION NUMBER
241278
Issue Date: 01/04/2019

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4646326102.000	105 BARRISTER BAY LANE, MOORESVILLE, NC 28117	

Owner Information	Applicant Information
Owner: WHITE JAY KEVIN	Applicant: MICHAEL ATHANAS & ASSO
Address: 167	Address: 561 ENNIS RD
IREDELL CO, NC 28625	WEDDINGTON, NC 28173
Phone:	Phone: 704-576-3887

Use Requested	Zone Code
SFD	

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.110	35.00	35.00	25.00	15.00	CACL	X

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	163676	TOTAL FEES:	$ 77.25