IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 230680

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

PIN # 4678-20-1188

APPLICANT/OWNER: Donahue Properties APPLICANT ADDRESS: 400 Pleasant Village Lane China Grove, NC

SITE ADDRESS: 114 Corina Lane Mooresville, NC 28115 PHONE: 704-202-5280 ALT. PHONE

SITE DIRECTIONS: Rt 150 East from Mooresville → L on Wiggins Rd → 1/2 mile ahead on left SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Karen B Wiggins SECTION: — LOT # 3 LOT AREA: 1.17 acres DESIGN FLOW: 360 GPD L.T.A.R.: 0.30

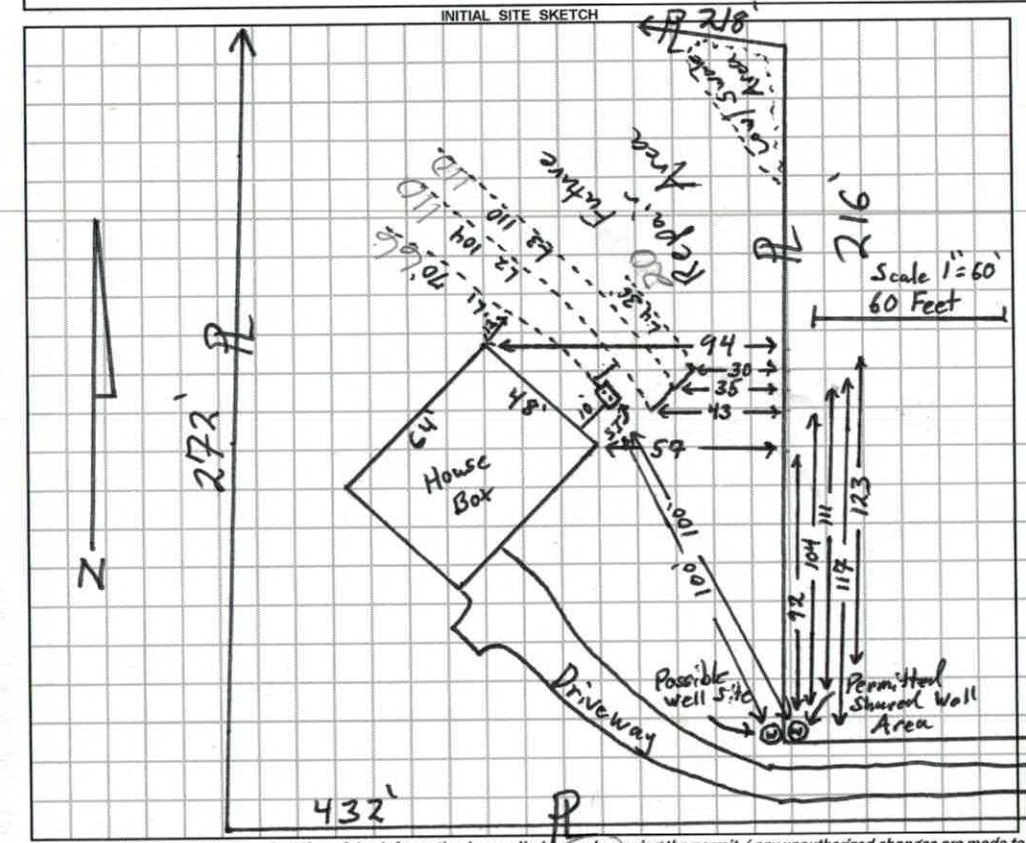
Septic Tank	1000	(gal)	STB 825	Date	6-15-18	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	—	(gal)	PT —	Date	—	System Description: 25% Reduction (Serial Distribution)		☐ Business	No. Persons 6
Pump Make	—	Model	—	Serial #	—	Repair System Description: 25% Reduction (Same)		☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	300'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	33"	Gravel Depth	—	☒ GRAVITY ☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

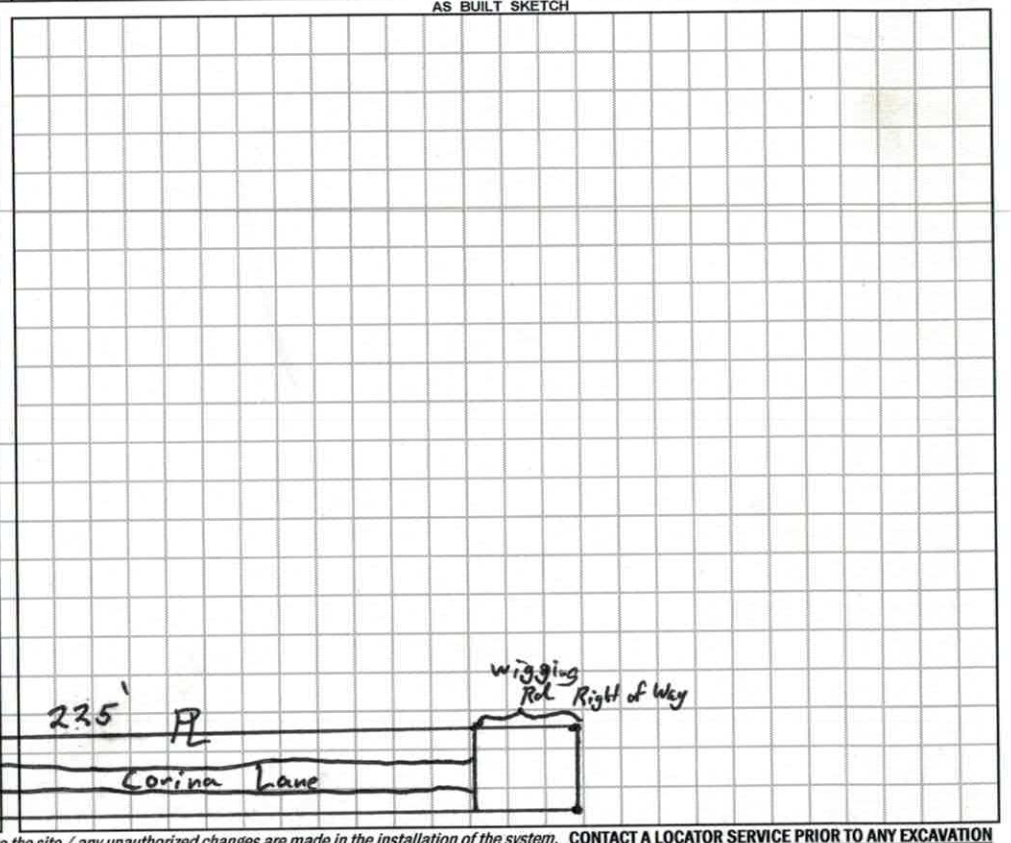
Comments / Conditions: Though 320 l.f. of line has been laid out, only 300' need be installed. Recommend pumping septic tank every 3-5 years.

Installed Quick 4, ST 10ft from house
3.3" TB
Installed Blue filter

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: Tom Donahue Date: 12-13-17 Installed by: Rowan Septic

IMPROVEMENT PERMIT by: Tom Shuck Date: 11/30/17 OPERATION PERMIT by: Maria Dotson Date: 8/7/18

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 11/30/17 Existing System Inspected by: Date:

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

Sheet ___ of ___
PROPERTY ID #: 2 3 House 1 4
COUNTY: Iredell

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

OWNER: Karen B Wiggins
APPLICATION DATE 10/2/17
ADDRESS: 4070 Highway 152 West (China Grove, NC)
DATE EVALUATED: 10/18/17
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 GPD
PROPERTY SIZE: 1.17 acres
LOCATION OF SITE: 800 Wiggins Rd (Lot 3) 114 Corina Mooresville
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LSS 5% Primary	0-34	Clay Loam V.W SBK + Abundant Saprolite	very Friable, SS, Sp, Sap	–	34	–	–	0.325 PS
		34-60	Loamy Saprolite MA	well Drained + very Friable					
		0-7	SCL W. SBK	Sl Firm, SS, Sp, Sap					
2	HS 5% Primary	0-13	clay + some Sap M-S SBK/ABK	very Firm, Sticky, Sp, Sap	–	18"	–	–	0.30 PS
		13-18	Clay Abundant V.W. SBK Saprolite	Friable, SS, Sp, Sap					
		18-65	Loamy Saprolite MA	moderately Drained + very Friable					
3	HS 5% Repair	0-5	SCL V.W. SBK	Sl Firm, SS, Sp, Sap	–	23	–	–	0.36 PS
		5-16	Clay M. SBK	Firm, Sticky, Sp, Sap					
		16-23	clay Loam W. SBK + Abundant Sap	Sl Friable, SS, Sp, Sap					
		23-74	Loamy Saprolite MA	very Friable, moderately Drained					
4	HS 5% Repair	0-6	SCL V.W SBK	Sl. Friable, SS, Sp, Sap	–	28	–	–	0.30 PS
		6-13	clay V.W SBK	Firm, sticky, Sp, Sap					
		13-20	clay W. SBK + some Saprolite	Sl. Firm, sticky, Sp, Sap					
		20-28	clay Loam + W. SBK Abundant Sap	Friable, SS, Sp, Sap					
		28-70	Loamy Saprolite MA	Friable + moderately Drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	320	350
System Type(s)	25% Red	25% Red
Site LTAR	0.30	0.30

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: ___

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	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						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.

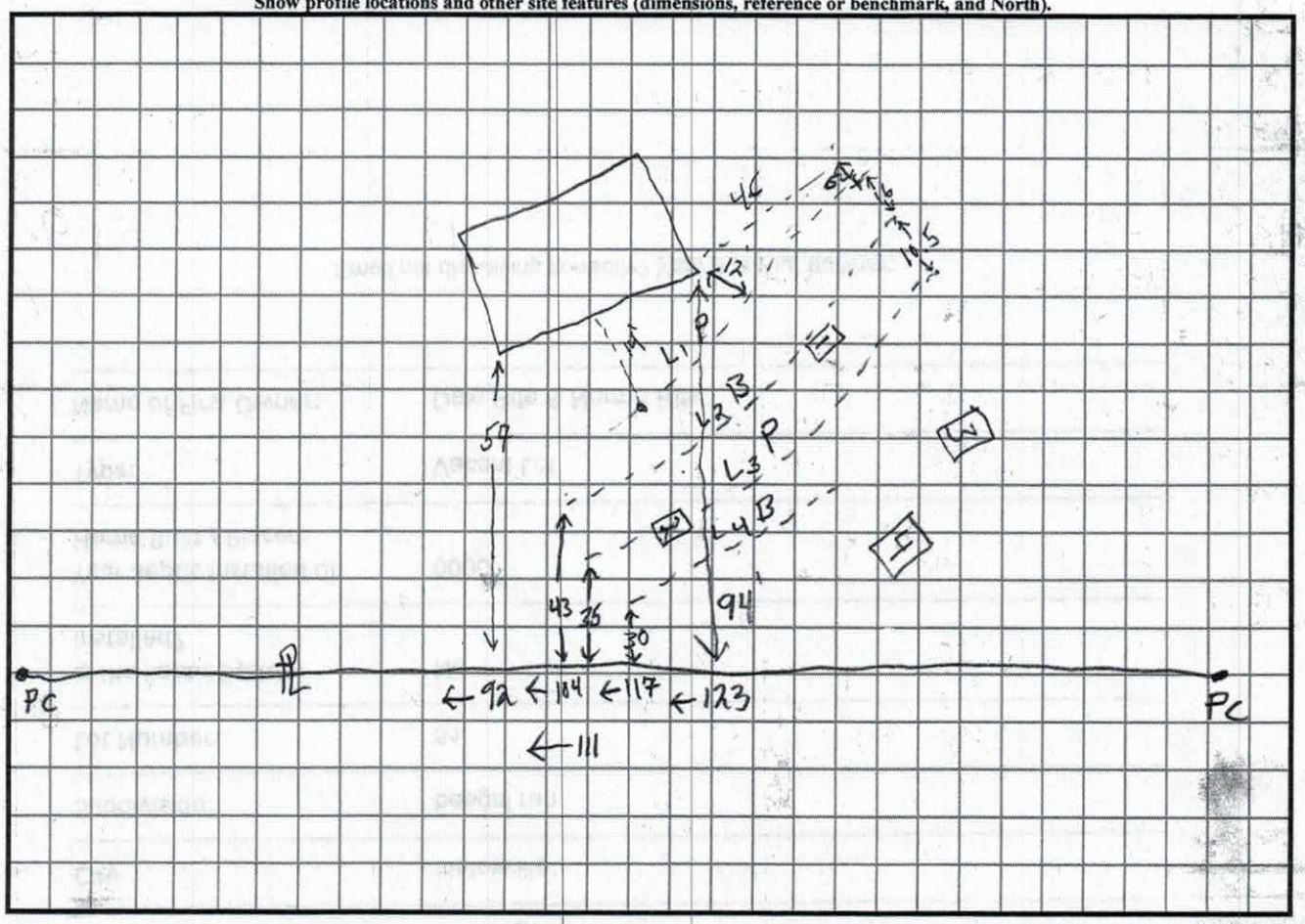
NOTES

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).



L_1	P	70'	5.66	29' Distance
L_2	B	104'	6.26'	
L_3	P	110'	6.72'	
L_4	B	36'	7.15'	

RECEIVED OCT -4 2017

IREDELL COUNTY HEALTH DEPARTMENT, ENVIRONMENTAL HEALTH DIVISION #230680

(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)

Pd $500.00

1. **APPLICATION FOR:** ✓ Improvement Permit ___ Authorization To Construct ___ 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:**

Donahue Properties Inc	400 Pleasant Village Ln China Grove	704-202-5280	
Applicant Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Karen Wiggins	4070 Hwy 152 West China Grove		
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**

4. **Property Information:**

114 Corina Ln	Karen B. Wiggins	Lot 3
Street Address	**Subdivision Name**	**Section/Phase and Lot Number**

Driving Directions: 152 EAST from Mooresville, left on Wiggins Rd 1/4 mile on right

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

(✓) New, Single Family Residence — **Maximum Number of Bedrooms** 3
( ) New, Multi-Family Residence — **Maximum Number of Occupants** ___
( ) Expansion of Existing Septic System — **If Expansion, Current Number of Bedrooms** ___
( ) Repair To Failing Septic System due to ___
( ) Other ___

(✓) 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 ( ) 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 (✓) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other ___

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

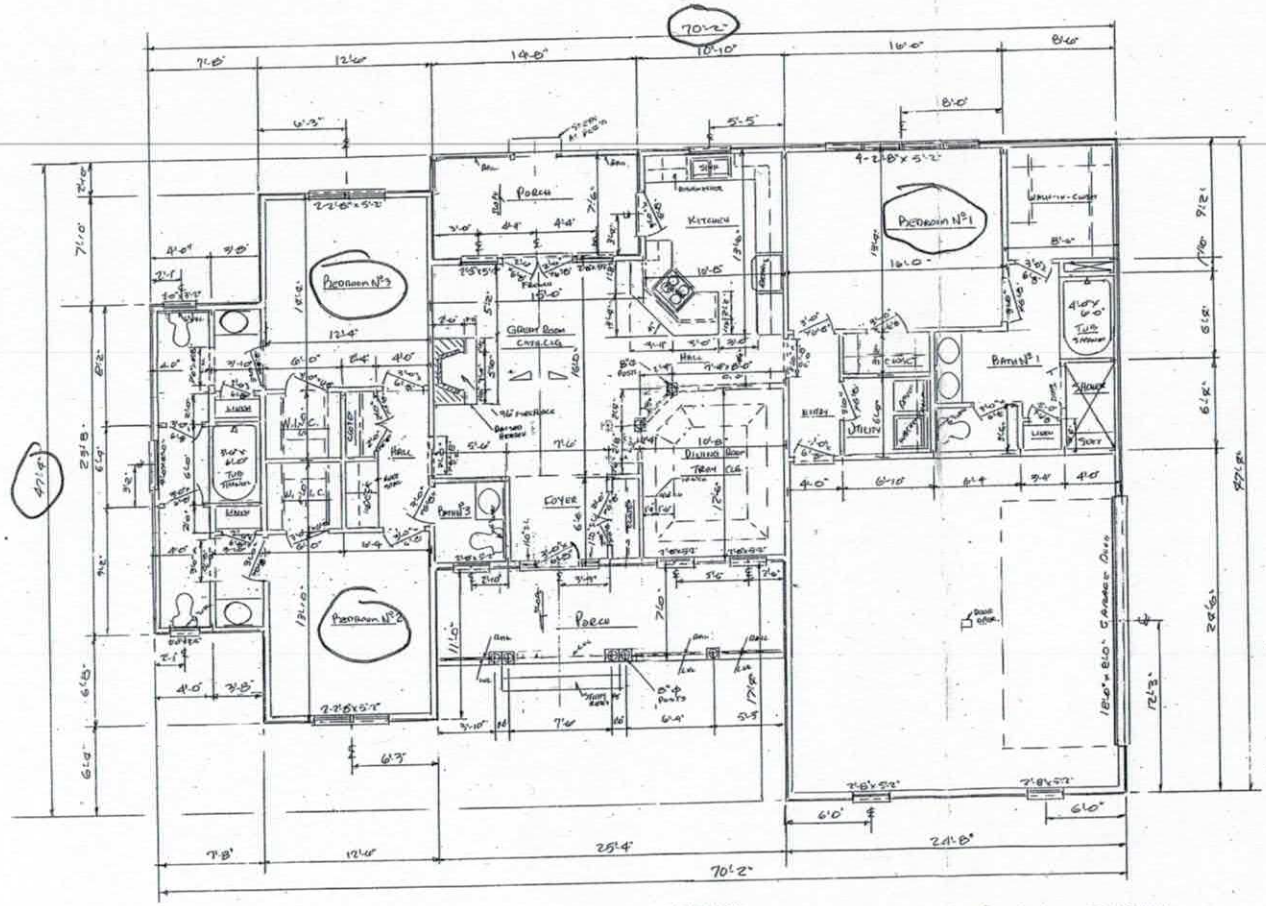
9. **Signature:** Tony L Donahue — 10-2-17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

Acknowledgement of
Plans Submittal ONLY!

Tony L Dowdle Date 10.9.17

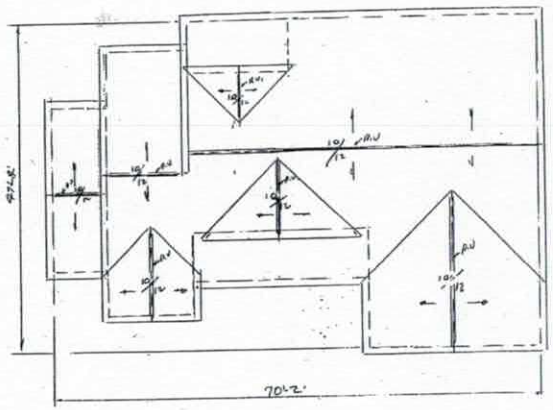
Bonn Shirah Date 11/30/17

Lot 3



Floor Plan
Scale: 1/4" = 1'-0"

Notes: 1- Ceiling Height 9'-0" except as shown
2- Contractor will verify all dimensions



Roof Plan
Scale: 1/8" = 1'-0"

Notes: 1- Roof Pitch 3/12
2- Roof Overhang 1'-0"

Salable Footage
Heated- 1868.5
Garage- 602.9
Front Porch- 179.0
Back Porch- 104.5

Tony Downing Const.

Date: 9-1-2017 Scale: As Shown	Drawn By: Downingbuilt
12 Ridgecrest	
Floor Plan and Roof Plan	Drawing No 3 of 3

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, Karen B. Wiggins, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Tony L. Donahue Donahue Properties, 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.

Karen B Wiggins	10-4-17	Tony Bell	10-4-17
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

IREDELL COUNTY

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

FILE COPY

APPLICATION NUMBER
230680
Issue Date: 10/04/2017

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4678201188.000	114 CORINA LANE, MOORESVILLE, NC 28115	

Owner Information	Applicant Information
Owner: WIGGINS, KAREN B.	Applicant: DONAHUE PROPERTIES, IN
Address: 4070 HWY 152 W CHINA GROVE, NC 28023	Address: 400 PLEASANT VILLAGE LN CHINA GROVE, NC 28023-6714
Phone: - -	Phone: 704-857-0717

Use Requested	Zone Code
SFD	RA

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

Remarks:

PAID
Credit
10-4-17

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: See Attached Date: _____

Permit Number	116901	TOTAL FEES:	$ 77.25