IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 239602

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

PIN # 4740-19-1582

APPLICANT/OWNER: Bill Whitley APPLICANT ADDRESS: PO Box 475 Harrisburg NC 28075

SITE ADDRESS: 336 Autumn Leaf Rd Troutman NC 28166. PHONE: 704 361 4879 ALT. PHONE —

SITE DIRECTIONS: South on Wagner Left on Autumn Leaf 1 mile on Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Autumn View / Touche LLC SECTION: — LOT # 1 LOT AREA: 1.600 Acres DESIGN FLOW: 480 L.T.A.R.: .275

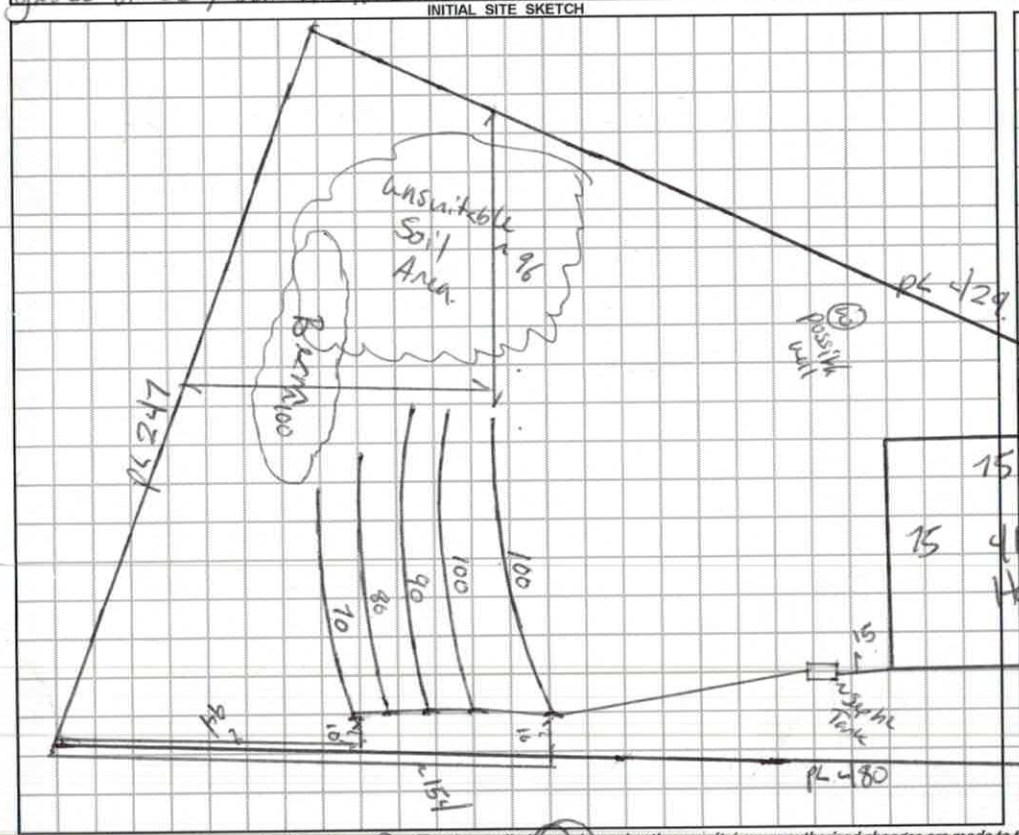
Septic Tank	1000	(gal)	STB	825	Date	4/18/19	☒ New System	☐ Repair	☐ Expansion
Pump Tank	—	(gal)	PT	—	Date		System Type: I II (III) IV V VI		
Pump Make	—	Model		—	Serial #	—	System Description:	Gravity 25% Reduction	
# Nitrification Fields	1	# Lines		5	Linear Ft	440	Repair System Description:	Pump Bloc - 50% Reduction	
Trench Width	36	Trench Bottom Depth(Low side)		30	Gravel Depth	~	Maintenance Agreement Required:	☐ YES	☒ NO
								☒ GRAVITY	☐ PRESSURE

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

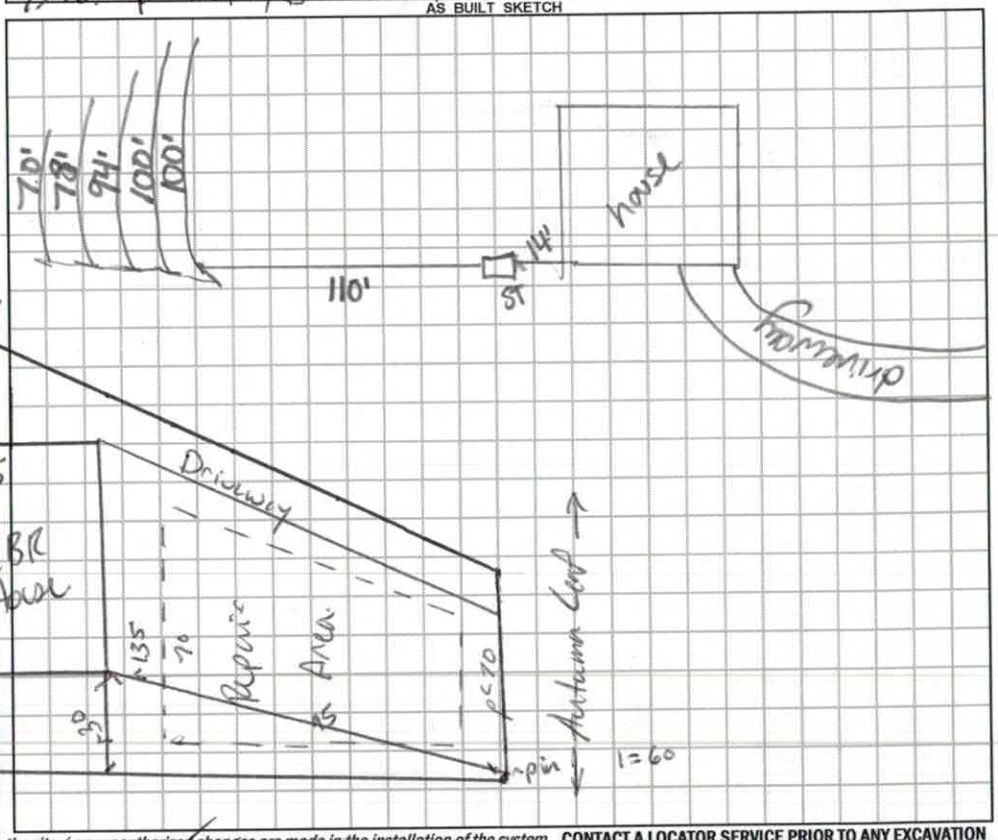
Comments / Conditions: Install septic drainlines on contour of the land and utilize serial distribution. Do not exceed max depth of 36 inches. Do not pave, park, grade or bury utilities in drainfield area.

* Lot must be Recorded Prior to A/C - 12/3/18 BK 69 PG 65
* Remove Beam located behind drainfield.
4/16/19 - Temporary Drive to be Removed.

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: Bill Whitley Date: 12/7/18 Installed by: Rowan Septic

IMPROVEMENT PERMIT by: Benjamin R Botts Date: 11/29/18 OPERATION PERMIT by: Carla C. Cave Date: 6-17-19

AUTHORIZATION TO CONSTRUCT by: Benjamin R Botts Date: 12/5/18. 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.

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

Autumn View Lot 1

PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Bill Ulrich
APPLICATION DATE 10/17/18
ADDRESS: PO Box 475 Harrisburg NC 28075
DATE EVALUATED: 11/2/18
PROPOSED FACILITY: 4BR Home
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 1.6 Ac
LOCATION OF SITE: 336 Autumn Lot
PROPERTY RECORDED: No
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 6%	0-16	Fill M			42			PS .25 Remove Fill.
		16-42	CL WSBK	SSSP FR SEXP					
		42-67	Sap M L	NSNP VFR					
2	LSS 8%	0-6	SC GR	SSSP FR SEXP		65		Many Litho	PS .3.
		6-38	C SBK	SSSP FR					
		38-65	CL WSBK	SSSP FR					
3	LSS 10%	0-6	CL GR Some Compaction			66		Many Litho	PS .275
		6-29	C SBK	SSSP FR SEXP					
		29-66	CL WSBK	SSSP FR SEXP					
4	LSS 10%	0-48	Fill M	—		0			US —

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	440 Lf.	320 Lf.
System Type(s)	III 25%	IV 50%
Site LTAR	.275	.25

OTHER FACTORS (.1946): Fill Soil
SITE CLASSIFICATION (.1948): PS.
EVALUATED BY: Botkins
OTHER(S) PRESENT: —

COMMENTS: property not Recorded.

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		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None	**MOIST** VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	**WET** NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) 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.

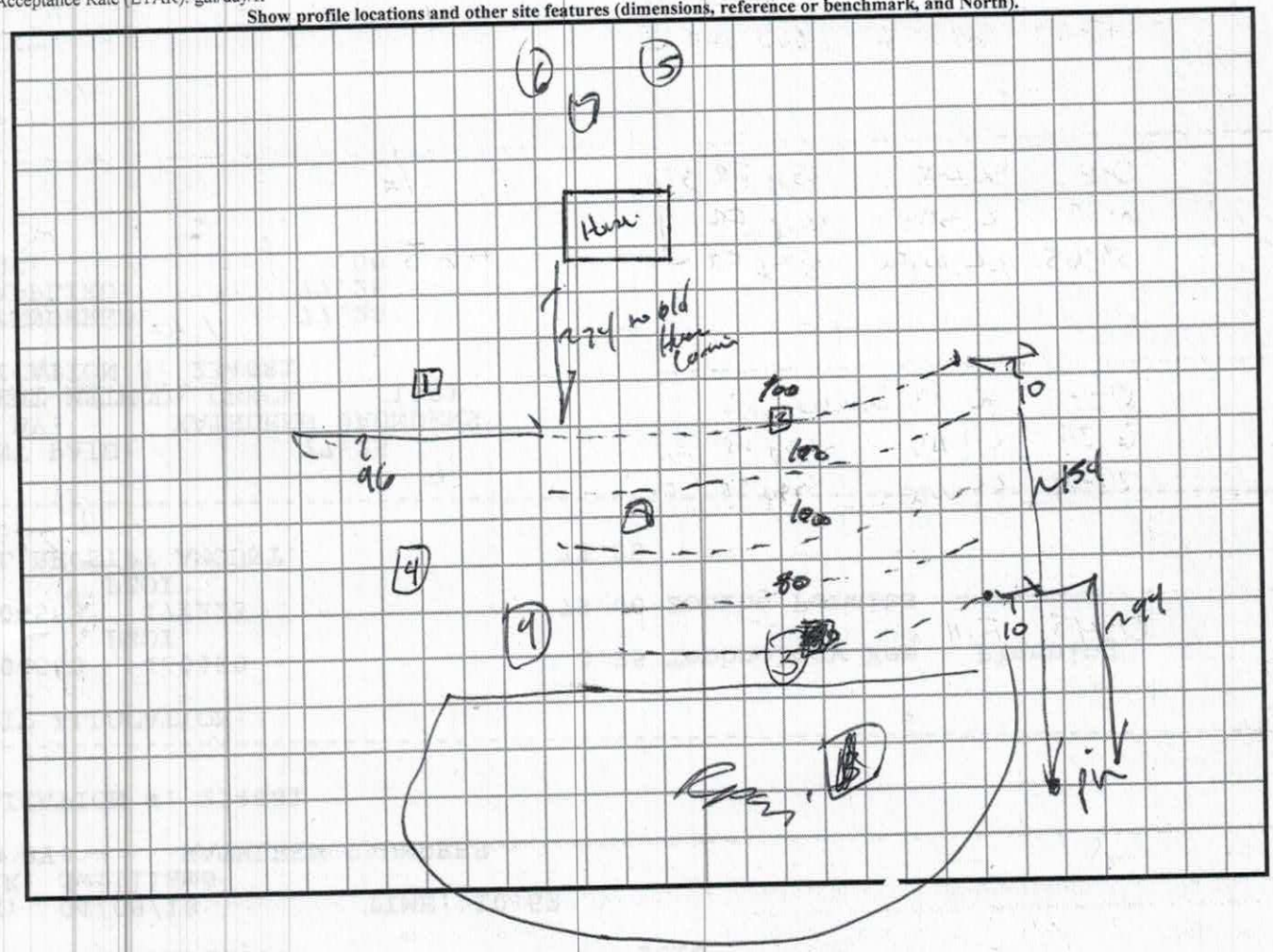
NOTES

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).



SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: Lot 1 Cont.
DATE OF EVALUATION: 11/20/18
COUNTY: Iredell.

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
5	FW Slope 4-6%	0-12	SC MIX Weighted	SS SP FR SEXP		53			PS .3
		12-39	C SBK	SS SP FR					
		39-55	CC WSBK	SS SP FR					
6	FW Slope 4-6%	0-12	SC	SS SP FR SEXP		57		Some Mica	PS .275
		12-49	C SBK/ABK	SSS P FR					
		49-57	CC WSBK	SS SP FR					
7	FW Slope 4-6%	0-8	SC	SS SP FR SEXP		50			PS .25
		8-36	C ABK	SS SP FR					
		36-50	CC WSBK	SSS P FR					
8	LSS 8%	0-10	SC Compact	SS SP FR SEXP		53			PS .3
		10-30	C SBK	SSS P FR					
		30-53	CC WSBK	SS SP FR					
		53-65	L Sap. M	NS NP VFR					
9	US 10%	0-12	Fill M		Needs to Removed. No hydr.				PS ~~UNA~~ .3
		12-38	C SBK	SS SP FR SEXP					
		38-45	CC WSBK	SS SP FR					
		45-76	LSap	M NS NP FR					

COMMENTS: * Remove Berm Behind drainfield.

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: BILL WHITLEY Address: POB 475 Harrisburg Zip: 28075
Applicant Email: wlwhitleycole@aol.com Phone: 704 301-9879 Alt. Phone: _____
Owner Name: DAWN ERVIN Address: 3532 Denson Pl CLT Zip: 28215
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 336 AUTUMN LEAF RD
Subdivision Name: AUTUMN VIEW Section/Phase: _____ Lot Number: 1
Driving Directions: SOUTH ON WAGNER, LEFT ON AUTUMN LEAF, 1 mile on left

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

(✓) 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: 6
( ) Swimming Pool
( ) Other Addition/Structure: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

CHECK FOUNDATION TYPE
(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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: _____ 10/17/18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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, DAWN ERVIN, am the legal owner(s) of the property located at 336 AUTUMN LEAF RD., identified as

PIN (Parcel Identification Number) 4740-19-0367, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) BILL WHITLEY, _____, 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.

Dawn Ervin
Signature of Owner(s)

10/17/18
Date

Mooresville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

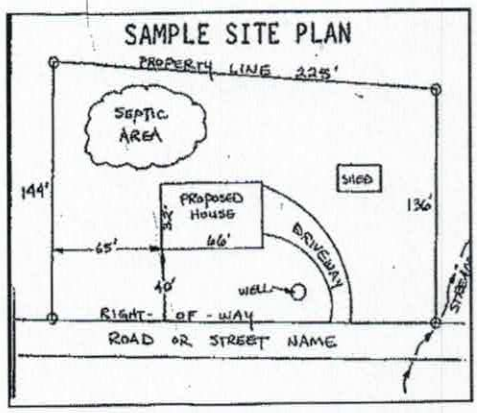
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

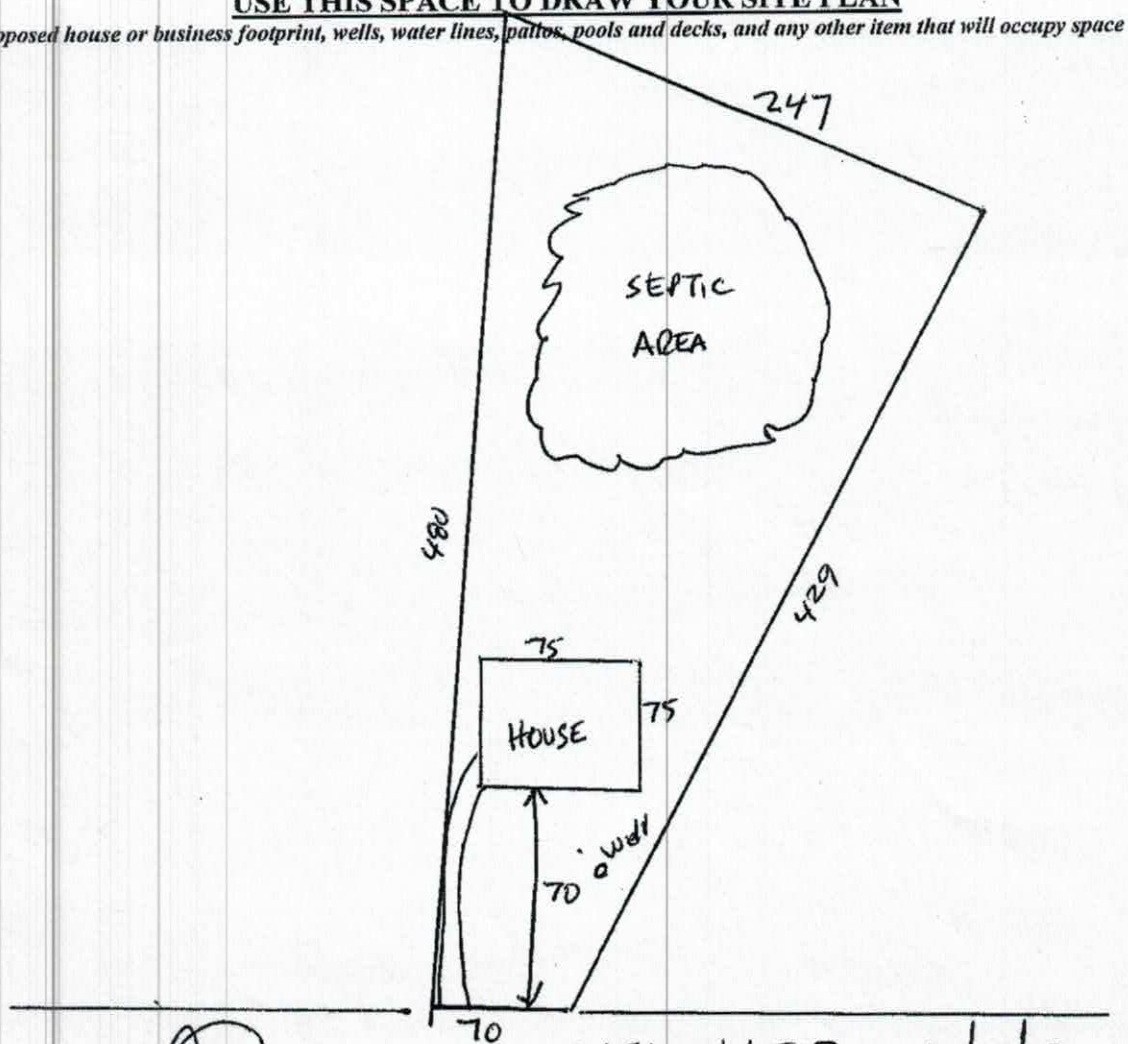


Circle N/A on the following if appropriate:

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

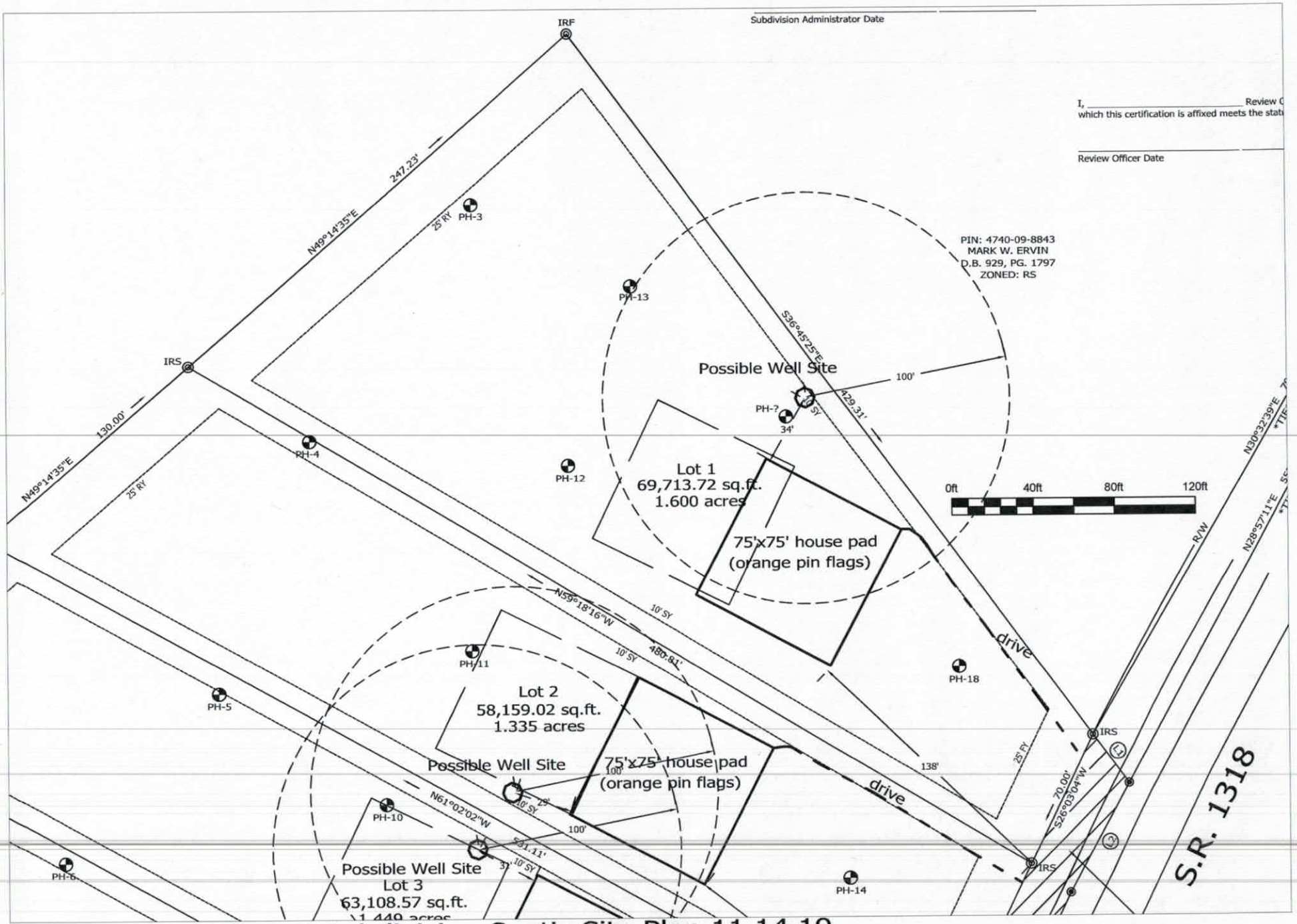
USE THIS SPACE TO DRAW YOUR SITE PLAN

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

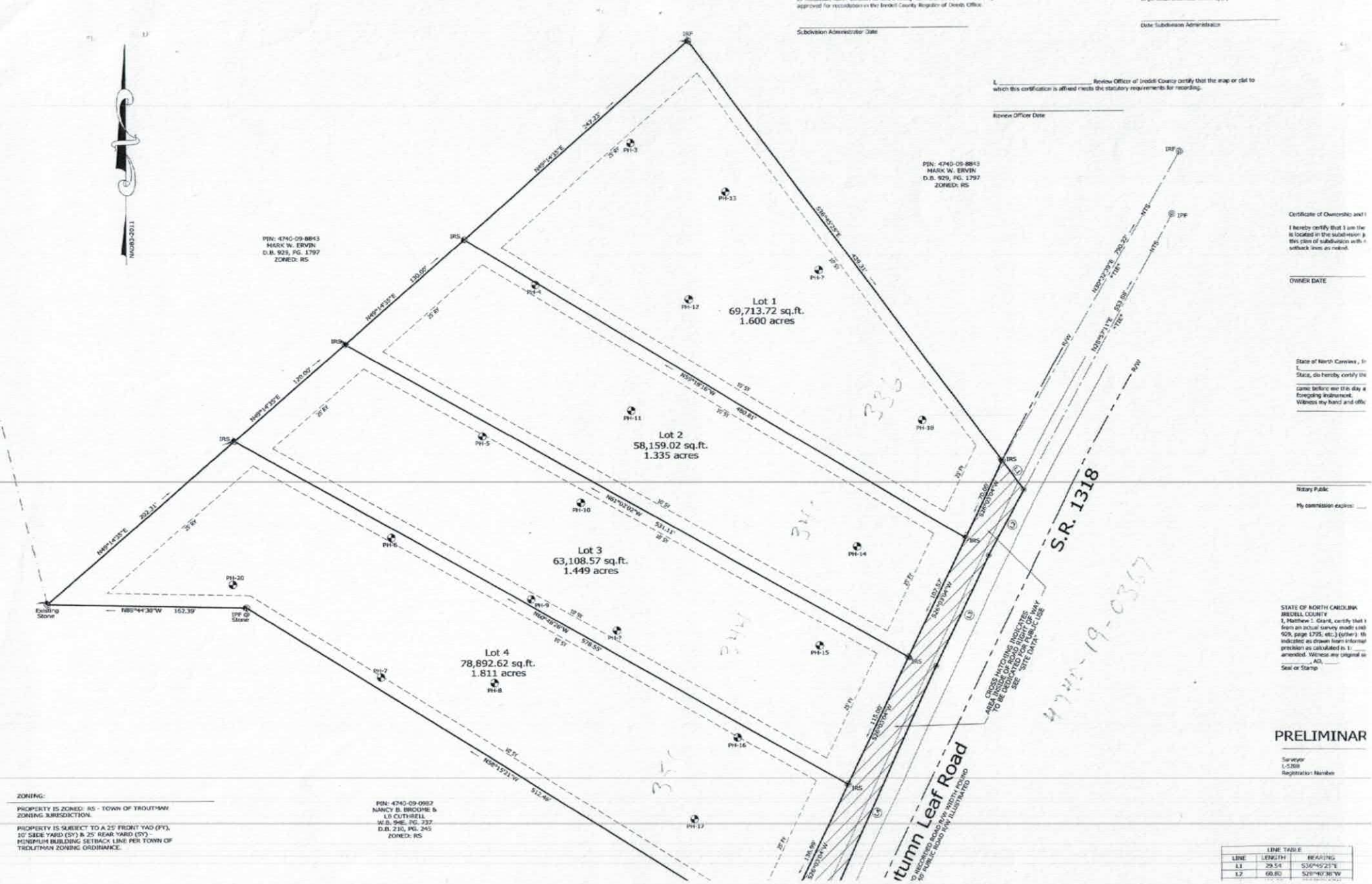


Signature: WD AUTUMN LEAF 10/17/19

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



Autumn Leaf Road Subdivision Septic Site Plan 11.14.19


NAD83-2011
PIN: 4740-09-8843
MARK W. ERVIN
D.B. 929, PG. 1797
ZONED: RS
PIN: 4740-09-8843
MARK W. ERVIN
D.B. 929, PG. 1797
ZONED: RS
Lot 1
69,713.72 sq.ft.
1.600 acres
Lot 2
58,159.02 sq.ft.
1.335 acres
Lot 3
63,108.57 sq.ft.
1.449 acres
Lot 4
78,892.62 sq.ft.
1.811 acres
PIN: 4740-09-0982
NANCY B. BROOME &
LB CUTHRELL
W.B. 5HE, PG. 737
D.B. 210, PG. 245
ZONED: RS
S.R. 1318
Autumn Leaf Road
AREA CROSS HATCHING INDICATES
INSIDE ROAD RIGHT OF WAY
TO BE DEDICATED FOR PUBLIC USE
SEE "SITE DATA"
60' RECORDED ROAD R/W WIDTH, FOUND
60' PUBLIC ROAD R/W ILLUSTRATED
Existing Stone
IPF @ Stone
N89°44'30"W 152.39'
N49°14'35"E 202.31'
N49°14'35"E 130.00'
N49°14'35"E 120.00'
N49°14'35"E 147.23'
S36°45'25"E 429.31'
N59°18'16"W 480.81'
N61°02'02"W 531.11'
N60°58'26"W 578.55'
N28°15'21"W 512.46'
S26°03'04"W 176.49'
S26°03'04"W 115.00'
S26°03'04"W 157.57'
N28°32'39"E 299.22'
N28°29'11"E 659.88'
PRELIMINAR
ZONING:
PROPERTY IS ZONED: RS - TOWN OF TROUTMAN
ZONING JURISDICTION.
PROPERTY IS SUBJECT TO A 25' FRONT YAD (FY),
10' SIDE YARD (SY) & 25' REAR YARD (SY) -
MINIMUM BUILDING SETBACK LINE PER TOWN OF
TROUTMAN ZONING ORDINANCE.
LINE TABLE
LINE | LENGTH | BEARING
L1 | 29.54 | S36°45'25"E
L2 | 60.80 | S26°40'36"W

PROPOSAL FOR MR. & MRS KELLER

WHISPERING OAKS DR.,
CHARLOTTE, NC 28213

FIRST FLOOR PLAN- BONUS ROOM PLAN- GABLE PLAN

WHITLEY CONSTRUCTIONS LLC.

DRAFTED FOR WHITLEY CONSTRUCTION LLC
ZEOLITE ARCHITECTURE

Acknowledgement Of
Plans Submittal ONLY!
Date 10/18/18
Date 12/5/18

FIRST FLOOR:	1063.31 SQFT
SECOND FLOOR:	468.58 SQFT
SECOND FLOOR UNFINISHED:	159.64 SQFT
FRONT PORCH:	43.03 SQFT
COVERED REAR PORCH:	267.83 SQFT
UNCOVERED REAR PORCH:	66.67 SQFT
GARAGE:	625.74 SQFT

FIRST FLOOR PLAN

LOT 1

Autumn View

Zoning Permit # 239602
Fee $ 45.00 Code 104

See reverse for new construction.

Zoning Permit

LOCATION	Date (mm/dd/yy)	10/16/18	Tax Parcel #	4740-19-0367
	Business Name or Property Owner	DAWN ERVIN		
	Street Address & Lot Number	336 AUTUMN LEAF RD LOT #1		
	Business Type and/or Project Description	NEW LOTS		
APPLICANT	Applicant	BILL WHITLEY	Preferred Phone	704 361-9879
	Address City/State/Zip	POB 475 HARRISBURG NC 28075		
	E-Mail	whitleycollc@aol.com		
	Would you like your e-mail address added to: (check any of interest)	☐ The Whistle Stop (Town of Troutman newsletter) ☐ Troutman Business Council (Local Chamber of Commerce) ☐ Sunshine List (Agenda for Town Board Meetings)		

Following approval of this permit proceed to Iredell County Building Inspections (349 N Center St, Statesville, NC 28677). All Applicants, please note that final inspection by the Town is required prior to occupancy. Business Applicants, please note that proof of RPZ (backflow) inspection is required prior to occupancy (in addition, restaurants may be required to have a grease trap inspection).

Office Use Only

Zoning District(s)	RS	TL ☐ ETJ ☑	Plans Attached: Yes ☑ No ☐
Utilities	well / septic		Floodplain: Yes ☐ No ☑
Permitted Use of Property	SFR		
Minimum Setback Requirements	Front 25', Rear 25', Left Side 10', Right Side 10' *Setback measured from nearest projecting point of structure to Property Line.*		

Comments: Front of home should be parallel to the front lot line/street.
6 rear/side trees for lots over 1/2 acre. Use of existing okay.

I hereby certify that all of the information provided for this application is, to the best of my knowledge, accurate and complete. I understand that this permit will expire and become invalid unless the work for which it was issued is started within six (6) months of the date of issue or is the work authorized is suspended or abandoned for a period of one (1) year.

Signature of Applicant

To the best of my knowledge, this application is deemed complete and approved based on the information provided to me and my knowledge of the Town of Troutman Unified Development Ordinance.

Signature of Zoning Administrator