ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 320333

CW

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

PIN # 4728 --90 --4211

APPLICANT/OWNER: WJH LLC APPLICANT ADDRESS: 9325 Center Lake Drive Ste 460 Charlotte NC 28216

SITE ADDRESS: 212 Grassy Meadow Lane Statesville NC 28625 PHONE: 704-488-1100 ALT. PHONE –

SITE DIRECTIONS: NC 115 N to R on Branchwood SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Ridgecrest SECTION: – LOT # 54 LOT AREA: .66 Acres DESIGN FLOW: 360 L.T.A.R.: .30

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

Comments / Conditions: ICHD to approve Final Cover
No Foundation allowed along Rear of House.

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Thompson Environmental Consulting, Inc.

LSS # 1219 Dated 8/20/2021.

AS BUILT SKETCH

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

Installed as Drawn

12 50
14 58
14 58
15 62
13 54

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: 9/3/21 Installed by: Sid Gaskins

IMPROVEMENT PERMIT by: Date: 8/30/2021 OPERATION PERMIT by: Cory Hil Date: 9/26/22

AUTHORIZATION TO CONSTRUCT by: Date: 9/17/21 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Three Oaks Engineering
324 Blackwell Street, Suite 1200
Durham, NC 27701

LOT 54

Sheet 1 of 1
PROPERTY ID #: 4729904211
COUNTY: IREDELL

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

OWNER: DAVIDSON LAND DEVELOPMENT COMPANY
ADDRESS:
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 212 GRASSY MEADOW LANE, STATESVILLE, NC
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

APPLICATION DATE
DATE EVALUATED: 7-15-21
PROPERTY SIZE: 0.67
PROPERTY RECORDED:
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	LS/17	0-5	GR/sl	NS NP NE	–	33	33	–	PS 0.3
		5-33	SBK/C	SS SP SE					
		33+	M/scl	SS SP SE					
2	LS/17	0-5	GR/sl/VFR	NS NP NE	–	>42	–	–	PS 0.3
		5-27	SBK/C/FR	SS SP SE					
		27-42+	SBK/scl/FR	SS SP SE					
3	LS/17	0-6	GR/sl/VFR	NS NP NE	–	33	33	–	PS 0.3
		6-33	SBK/C/FR	SS SP SE					
		33+	M/scl/FR	SS SP SE					
4	LS/17	0-14	GR/sl/VFR	NS NP NE	–	>42	–	–	PS 0.3
		14-34	SBK/C/FR	SS SP SE					
		34-42+	SBK/scl/FR	SS SP SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	ACCEPTED	ACCEPTE
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PROV. SUIT.
EVALUATED BY: M. WOOD
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST MICHAEL G. WOOD 1219 STATE OF NORTH CAROLINA

Updated February 2014

54

Session Law

AP-320333

BB

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE
OR IT WILL NOT BE PROCESSED

PD. $500.00 8/9/21

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Application For: ( ) 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* ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

WJH LLC is under contract to purchase

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: WJH LLC **Address:** 9325 Center Lake Drive Ste 160 Charlotte NC 28216 **Zip:**
Applicant Email: katie.dyess@centurycommunities.com **Phone:** 704-488-1100 **Alt. Phone:**
Owner Name: Davidson Land Development LLC **Address:** **Zip:**
Owner Email: lanny@lthedrick.com **Phone:** **Alt. Phone:**

Property Information:

Street Address: 212 Grassy Meadow Lane
Subdivision Name: Ridgecrest **Section/Phase:** **Lot Number:** 54
Driving Directions: Head west toward NC-115/N Center St, Turn right toward NC-115/N Center St, Turn left at the 1st cross street onto NC-115/N Center St, Turn right onto Branchwood Rd

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 3 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: — ( ) 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 (X) Other Public Water

Desired Septic System Type: ***(you may rank in order of preference)*** Year existing system installed:
( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

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?
(X) 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.

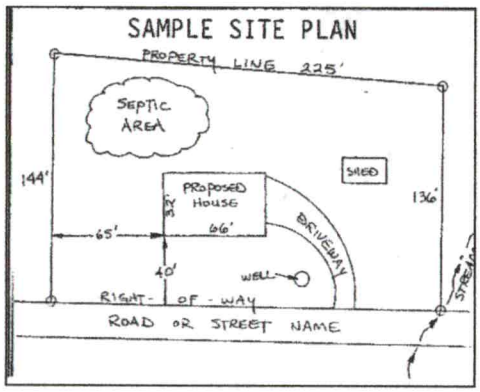
Signature: Katie Dyess for WJH LLC 8-5-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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:

- **(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 and well location**
- **(X) Area you prefer your septic system to be placed**
- **(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

See attached session Permit paperwork

Signature: Katie Dyess for WJH LLC 8-5-21

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

IREDELL COUNTY · NC

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

APPLICATION NUMBER
320333 Issue Date: 08/10/2021

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4728904211.000	212 GRASSY MEADOW LN	Iredell County

Owner Information	Applicant Information
Name: DAVIDSON LAND DEV LLC	Name: WJH, LLC
Address:	Address: 9325 CENTER LAKE DR STE 160
,	CHARLOTTE, NC 28216
Phone:	Phone: (704)488-1100

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.666	35	35	15	15	WSIV-PA South Yadkin	NO

Remarks
sfd

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.

Date: 08/11/2021

Signature of Owner/Contractor

Permit Number	320333	TOTAL FEES:	$77.25

Residential Subsurface Wastewater Treatment and Disposal System Proposal

for

Lot 54 – Ridgecrest
212 Grassy Meadow Lane
Statesville, Iredell County, NC

Tax Parcel # 4728904211
August 20, 2021

Prepared for:

Glenn Bird
Century Complete
9325 Center Lake Dr., Suite 160
Charlotte, NC 28216
1-833-791-0192

Prepared by:

Michael G. Wood, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).

Details

Century Complete has contracted with Thompson Environmental Consulting, Inc. (TEC) to prepare Session Law 2018-114 Section 11 (c) septic proposal for the 3-bedroom single family residence on Lot 54 – Ridgecrest located at 212 Grassy Meadow Lane, Statesville, North Carolina.

Based upon a soils investigation performed by TEC, it has been determined that a sufficient amount of "Suitable" Group IV soils is available for the installation of **Gravity Accepted System** with a 25% reduction for the initial and repair system at a 0.30 GPD/ft. sq. long term acceptance rate (LTAR). The property is served by a municipal water supply.

Century Complete requests that Iredell County Environmental Health (ICEH) issue the appropriate permits for a subsurface wastewater treatment and disposal system based upon the following proposal and the enclosed Licensed Soil Scientist Evaluation, which is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

Location

From Statesville, take NC-115 north 7.1 miles. Turn left on Branchwood Road for 0.8 miles, then left onto Riverfield Drive, first right onto Grassy Meadow Lane. Lot 54 will be approximately 0.1 mile on the left.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-site Wastewater Section, December 6, 2018.

Accepted Wastewater System No. AWWS-2005-02-R6; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, August 21, 2015.

Primary Investigator's Credentials

NC Licensed Soil Scientist No. 1219
SC Professional Soil Classifier No. 114

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1,000 gallons in capacity.
2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipes and Fittings

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.
3. The supply line from septic tank to the distribution box (D-Box) shall be 3-inch Schedule 40 PVC (approximate length of supply line is 22 feet).
4. There shall be a threaded PVC union above each pump to facilitate easy removal of the pumps for maintenance or replacement.

C. Distribution Method – Distribution Box (D-Box)

1. The drainlines will be fed via a distribution box. Distribution box shall be water tested and level at the time of the final inspection.

D. Drainfield Installation

1. The drainfield has been previously laid out on-site utilizing metal stemmed flags. The property owner/builder should mark this area and isolate it as much as possible from construction traffic.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition.
3. The specified system the shallow placed innovative wastewater system Infiltrator Quick4 Chamber System or any other system with a state-approved 25% reduction in required drainline length.
4. The drainfield consists of four (4) lateral trenches 3-foot wide and 75 feet long. Total drainline length is 300 feet.
5. The trench depth for this system shall be **15 inches maximum on the low-side trench**.
6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.
7. The trenches should be left open for the final inspection by the County.

Initial & Repair Systems - Ridgecrest Lot 54							
Field Line #	Color	Initial/Repair	Field Length	System Length	Setup #1	Setup #2	Relative Elevation
1	Blue	Extra	-	-	9.05		100.0
2	Yellow	Initial	75	75	10.75		98.3
3	Red	Initial	75	75	12.95		96.1
4	Blue	Initial	75	75	14.65		94.4
5	Yellow	Initial	75	75	16.5	5.9	92.6
6	Red	Repair	75	75		8.14	90.3
7	Blue	Repair	75	75		10.3	88.2
8	Yellow	Repair	75	75		12.4	86.1
9	Red	Repair	75	75		14.3	84.2

E. Final Landscaping

1. Final cover over the drainfield shall be at least 6-inches deep. Additional soil cover may be required to achieve the 6-inch requirement.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The entire area of the drainfield should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

F. Utility/Drive Conflicts

1. The builder and property owner must take special care in planning for utilities (water, power, gas, telephone, cable lines, etc.). All utilities shall be kept clear of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact the County as soon as possible.
2. Water lines must be kept at least ten (10) feet from any portion of the septic system.
3. Irrigation systems should not be placed in the drain field area.

Maintenance

G. In General

The designed system does not require ongoing maintenance via a person certified (Certified Subsurface System Operator) by the North Carolina Department of Environment and Natural Resources to operate subsurface wastewater systems (Section .1961 Maintenance of Sewage Systems). However, the following maintenance should be considered by the owner.

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25% of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If you are using a garbage disposal, it is recommended that the septic and pump tanks be cleaned out annually.

3. When it becomes necessary to clean the effluent filters, the filters should be removed, and the accumulated debris washed back into the septic or pump tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the drainfield and septic and pump tanks.

Initial System Design Specifics

Daily Design Flow:	360 GPD – 3 bedroom house
Effluent Loading Rate:	0.300 GPD per sq. ft.
Drainfield Type:	Accepted (25 % Reduction)
Maximum Trench Depth:	15 Inches on low-side
Supply Size:	3 Inch
Supply Line Length:	Approximately 22 feet
Number of Drainlines:	4
**Drain Lines:	(4) 3' Wide x 75' Long
**Drainline Spacing:	9 Foot on Centers
Total Trench Length:	300 Linear Feet
Distribution Method:	D-box
Final Cover Requirement:	6 Inches

** See drainfield layout for site locations and more details.

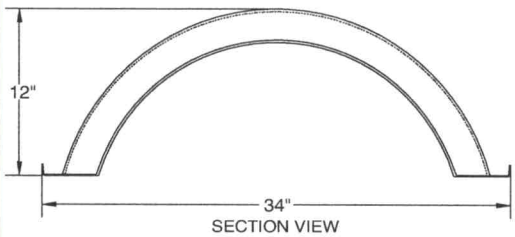
Repair System Design Specifics

Effluent Loading Rate:	0.300 GPD per sq. ft.
Drainfield Type:	Accepted (25 % Reduction)
Installation Trench Depth:	22 Inches on low-side
Number of Drainlines:	4
**Drain Lines:	(4) 3' Wide x 75' Long
**Drainline Spacing:	9 Foot on Centers
Total Trench Length:	300 Linear Feet

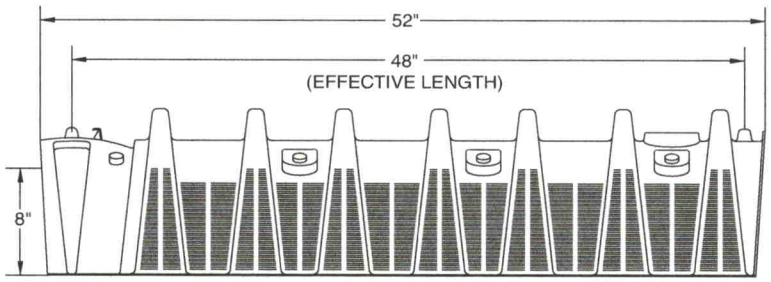
** See drainfield layout for site locations and more details.

Quick4™
STANDARD CHAMBER

Quick4 Standard Chamber

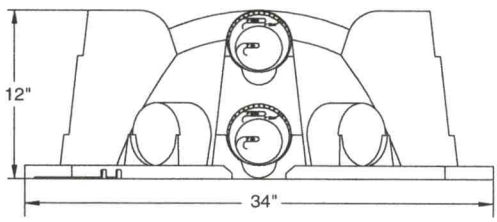


SECTION VIEW

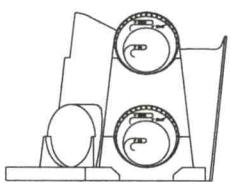


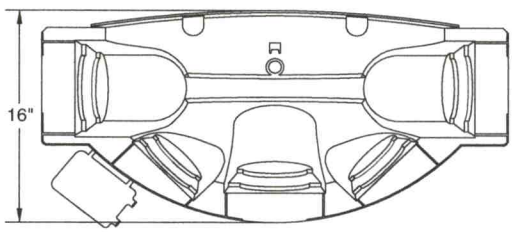
SIDE VIEW

MultiPort End Cap



FRONT VIEW


SIDE VIEW



TOP VIEW

Quick4 Standard Chamber Nominal Specifications

Size (W x L x H)	34" x 52" x 12"
Effective Length	48"
Invert Height	8"

MultiPort End Cap Nominal Specifications

Size (W x L x H)	34" x 16" x 12"
Invert Height	8" or 1.25"

INFILTRATOR SYSTEMS, INC. STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, end plate, wedge and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

* * * * * * *

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

INFILTRATOR® SYSTEMS INC

Environmental Onsite Wastewater Solutions℠

6 Business Park Road • P.O. Box 768
Old Saybrook, CT 06475
860-577-7000 • FAX 860-577-7001

800-221-4436

U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844
Canadian Patents: 1,329,959; 2,004,564 Other patents pending.

Infiltrator, Equalizer and SideWinder are registered trademarks of Infiltrator Systems Inc. Infiltrator is a registered trademark in France. Infiltrator Systems Inc. is a registered trademark in Mexico. Contour, Contour Swivel Connection, MicroLeaching, PolyTuff, SnapLock, ChamberSpacer, PosiLock, QuickCut, QuickPlay and Quick4 are trademarks of Infiltrator Systems Inc. © 2003 Infiltrator Systems Inc. Printed in U.S.A.

RECYCLED PAPER

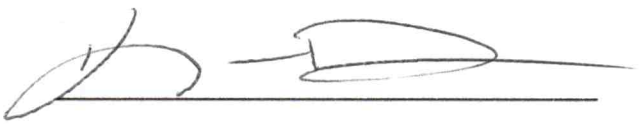
Q011203HP-0

To: Iredell County Environmental Health

From: Century Complete

Regarding: Ridgecrest – Session Law 2018-114 Permit Packages

The NC LSS evaluation attached to these applications is to be used to produce a design and construction features for permitting in accordance with Session Law 2018-114 Section 11. (c).



Project Manager

8-5-21

Date

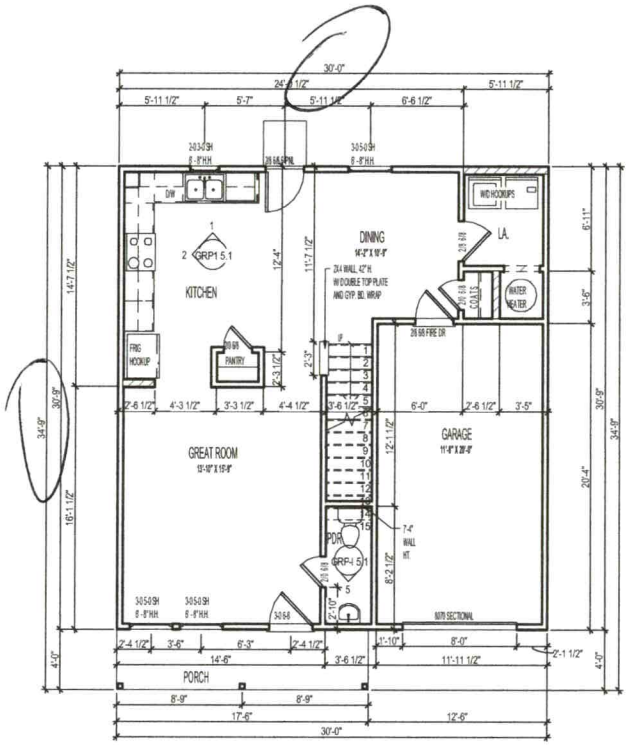
Lot 54 212 Grassy Meadow Lane 1601B RH

TABLE R302.6 Dwelling/Garage Separation	
Separation	Material
From the residence and attics	Not less than ½-inch gypsum board or equivalent applied to the garage side
From all habitable rooms above the garage	Not less than 5/8-inch Type X gypsum board or equivalent
Structure(s) supporting floor-ceiling assemblies used for separation required by this section	Not less than ½-inch gypsum board or equivalent

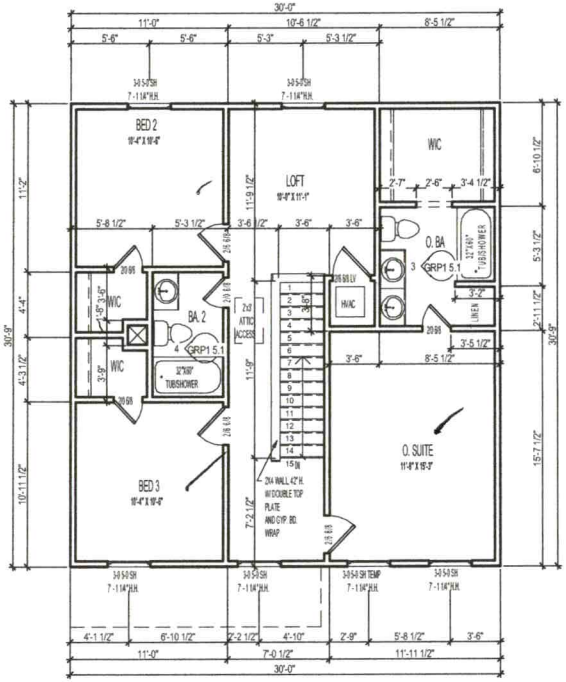
WALL LEGEND

- FULL HEIGHT 2X4 WOOD STUD PARTITION
- FULL HEIGHT 2X6 WOOD STUD PARTITION
- STONE VENEER
- DRYWALL OPENING HEIGHT AS NOTED ON PLAN, 6'-7" HIGH HT.
- BRICK VENEER
- 1 ROD & SHELF
- STUD WALL BELOW HEIGHT AND STUD SIZE AS NOTED

NOTE-EXTERIOR WALLS FRAMED AT 16" O.C. INTERIOR NON-BEARING WALLS FRAMED AT 24" O.C. REF TO STRUCTURAL SHEETS FOR BEARING WALL SPECIFICATIONS AND PLATE INFORMATION



1 FIRST FLOOR PLAN ELEV 'B'
1/4" = 1'-0" AT 22" X 34" LAYOUT
1/8" = 1'-0" AT 11" X 17" LAYOUT



2 SECOND FLOOR PLAN ELEV 'B'
1/4" = 1'-0" AT 22" X 34" LAYOUT
1/8" = 1'-0" AT 11" X 17" LAYOUT

Acknowledgement Of
Plans Submittal ONLY!

BLB Date 9-17-21.

Date 9.17.21

CENTURY Complete
MORE HOME · LESS MONEY

3091 GOVERNORS LAKE DR.
SUITE 300
NORCROSS, GA 30071
PHONE: 336-282-3606

WH, LLC © 2020

GRP1 - 'B'

FLOOR PLANS

LOT #:
JOB #:
COMMUNITY:
ADDRESS:

PLAN # / ORIENTATION:
3021603 / RH

SERIES NAME:
CELEBRATION

PLAN NAME:

LAST REVISION
2.02

SHEET #
GRP1 1.2

CERTIFICATE OF SURVEY AND ACCURACY

I, CHRISTOPHER L COLE, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN (REFERENCES AS SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN (REFERENCES AS SHOWN); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:15,000; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600):

PRELIMINARY

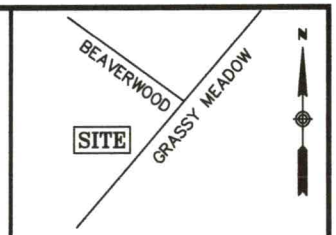
NOT FOR SALES, RECORDATION OR CONVEYANCES

CHRISTOPHER L. COLE
REGISTRATION/LICENSE NO. NCPLS L-5008
NC FIRM LICENSE NO. C-4288

LEGEND

PL — PROPERTY LINE (NOT SURVEYED)
RW — RIGHT OF WAY
SB — SETBACK
O — CALCULATED POINT





VICINITY MAP
(N.T.S.)

60 0 30 60
(IN FEET)
1 inch = 60 ft.





NOTES:

1) EASEMENTS AND BUFFERS DERIVED BY PLAT
2) BOUNDARY LINES DERIVED BY PLAT, NO FIELD WORK COMPLETED FOR THIS MAP.
3) ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
4)LINES NOT SURVEYED ARE SHOWN AS BROKEN LINES FROM
5) THIS SURVEY DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY AND IS INTENDED TO DEPICT THE NEW BUILDING LOCATION RELATIVE TO THE BOUNDARIES.
6) CONTRACTOR TO VERIFY ALL DIMENSIONS

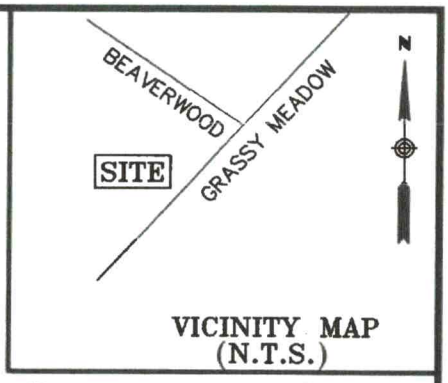
Ascension Land Surveying P.C.
Professional Land Surveying & Consulting
116 Williams Road, Mocksville, NC 27028
Phone: (704) 579-7197
Email: surveyor.chris007@gmail.com
NC FIRM LICENSE NO: C-4288
NC PLS NO: L-5008

5/4/2021
PIN: 4728904211

DRAWN BY: CC
CHECKED BY: JH
SCALE: 1"=60'
JOB: 21-05-46

PLOT PLAN
LOT-54
212 GRASSY MEADOW
RIDGECREST PH 3
STATESVILLE, IREDELL CO., NC

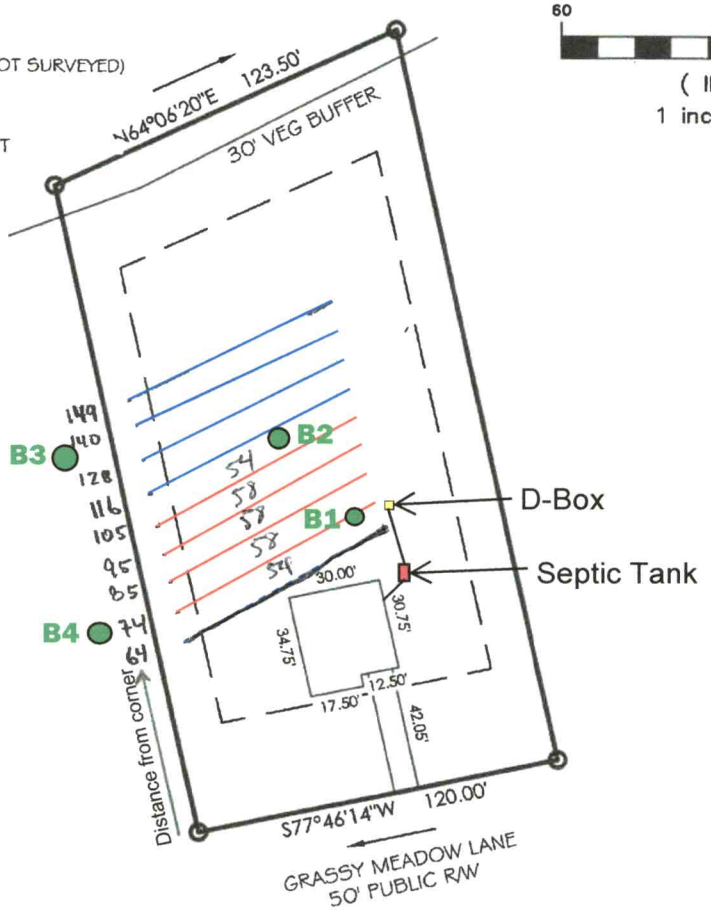
Figure 1. Lot 54



60 0 30 60

(IN FEET)
1 inch = 60 ft.

PL — PROPERTY LINE (NOT SURVEYED)
-RW- RIGHT OF WAY
-SB- SETBACK
O CALCULATED POINT





NORTH CAROLINA PROFESSIONAL SEAL L-5008 LAND SURVEYOR CHRISTOPHER L. COLE

NOTES:

1) EASEMENTS AND BUFFERS DERIVED BY PLAT
2) BOUNDARY LINES DERIVED BY PLAT. NO FIELD WORK COMPLETED FOR THIS MAP.
3) ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
4)LINES NOT SURVEYED ARE SHOWN AS BROKEN LINES FROM
5) THIS SURVEY DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY AND IS INTENDED TO DEPICT THE NEW BUILDING LOCATION RELATIVE TO THE BOUNDARIES.
6) CONTRACTOR TO VERIFY ALL DIMENSIONS

Initial Drainlines
Repair Drainlines
Extra Drainline
Soil Borings
1"=60'

Ascension Land Surveying P.C.
Professional Land Surveying & Consulting
116 Williams Road, Mocksville, NC 27028
Phone: (704) 579-7197
Email: surveyor.chris007@gmail.com
NC FIRM LICENSE NO: C-4288
NC PLS NO: L-5008

5/4/2021
PIN: 4728904211

DRAWN BY: CC
CHECKED BY: JH
SCALE: 1"=60'
JOB: 21-05-46

PLOT PLAN
LOT-54
212 GRASSY MEADOW
RIDGECREST PH 3
STATESVILLE, IREDELL CO., NC