IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 223363

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

PIN# 4626085817

APPLICANT: Ashley Rollans/Bob Hogan APPLICANT ADDRESS: P.O. Box 832 Mooresville, NC 28115

SITE ADDRESS: 122 W. Cold Hollow Farm Dr Mville, NC PHONE: 704201-192 ALT. PHONE: 704746-5046

SITE DIRECTIONS: Brawley School Rd TR McKendree TR Bare Foot Ln TL W. Cold Hollow Farms on right

SUBDIVISION: The Farms SECTION: 4 LOT # 481 LOT AREA: .770 DESIGN FLOW: 480gpd L.T.A.R.: .3I/.2S R

Septic Tank 1000 (gal) STB 160 Date 1-23-17

Pump Tank ____ (gal) PT ____ Date ____

Pump Make ____ Model ____ Serial # ____

Nitrification Fields 1 # Lines 4 Linear Ft 408

Trench Width 36" Max. Trench Bottom Depth 30" Gravel Depth N/A

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

System Description: Gravity - 25% Reduction PPBPS

Repair System Description:

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 4

☐ Business No. Persons 8

☐ Other No. Employees ____

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☒ Community

Comments / Conditions: * Check Septic requirements for Crescent Communities

* per design, 400ft required.

126 48 107 50

INITIAL SITE SKETCH

See attached, Approved plan by Rollans Soil & Environmental Services, PA. dated 11-23-16

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

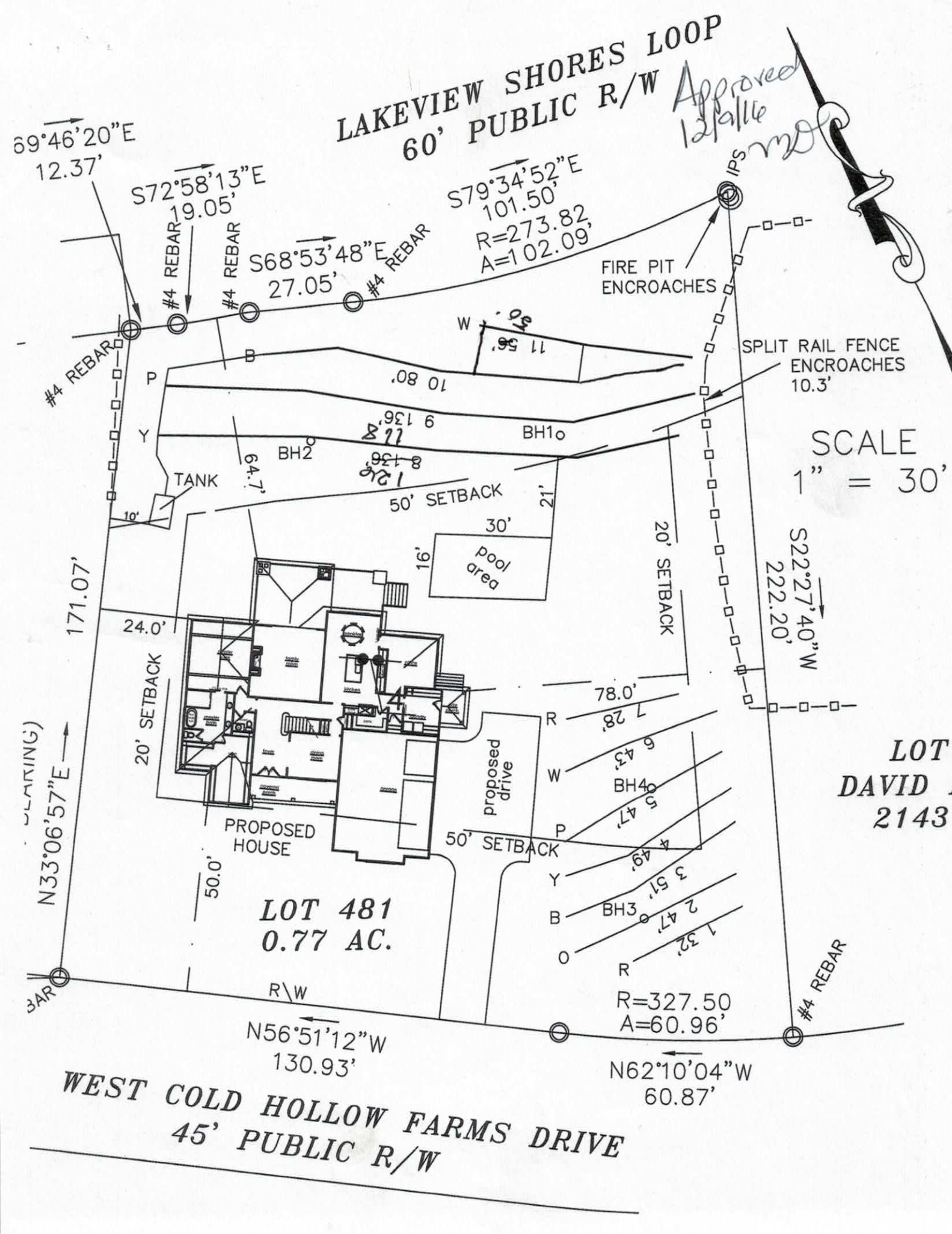
☐ IMPROVEMENT PERMIT with plat valid without expiration. ☒ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: [signature] Date: 12/15/16 Installed by: Sid Gaskins

IMPROVEMENT PERMIT by: Maria Dotson Date: 12/9/16 OPERATION PERMIT by: Maria Dotson Date: 3/13/17

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 12/15/16 Existing System Inspected by: ____ Date: ____

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK


LAKEVIEW SHORES LOOP
60' PUBLIC R/W
Approved
12/9/14
S69°46'20"E
12.37'
S72°58'13"E
19.05'
#4 REBAR
#4 REBAR
S68°53'48"E
27.05'
#4 REBAR
S79°34'52"E
101.50'
R=273.82
A=102.09'
IPS
FIRE PIT
ENCROACHES
#4 REBAR
SPLIT RAIL FENCE
ENCROACHES
10.3'
SCALE
1" = 30'
BH1
BH2
TANK
50' SETBACK
30'
pool
area
16'
21'
20' SETBACK
171.07'
24.0'
20' SETBACK
S22°27'40"W
222.20'
78.0'
proposed
drive
PROPOSED
HOUSE
50' SETBACK
BH4
BH3
N33°06'57"E
50.0'
LOT 481
0.77 AC.
LOT
DAVID
2143
R\W
N56°51'12"W
130.93'
R=327.50
A=60.96'
N62°10'04"W
60.87'
#4 REBAR
WEST COLD HOLLOW FARMS DRIVE
45' PUBLIC R/W

ROLLANS *Soil & Environmental Services, PA.*

P.O. Box 832 Mooresville, NC 28115 Phone: (704) 658-1723 Fax: (704) 278-0989

Ashley Rollans, NC Licensed Soil Scientist
Mobile: (704) 746-5046
Email: rollans.ashley@yahoo.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 4 bedroom single family residence on Lot 481, The Farms Subd., at 122 W. Cold Hollow Farms Dr., Mooresville (PIN 4626085817), Iredell County, NC.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4

Site Plan/System Plan---------- 5

Calculations---------- 6

Profile Descriptions---------- 7

Expedited Review Process Checklist---------- 8

Zoning Permit & Receipt---------- 9-11

Application---------- 12-13

Green Sheet---------- 14

Agent Authorization Form---------- 15

11/23/16

November 23, 2016
Project #: 01-3263
Design By: Rollans Soil & Environmental Services, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a PPBPS system with low pressure distribution.

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Approved MD 12/9/16

Applicant:	Rollans Soil
Address:	P.O. Box 832 Mooresville, NC 28115
Phone:	704.746.5046
County:	Iredell
Location:	The Farms Lot 481 PIN (4626085817)
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	408	
Loading Rate (gpd/ft.^{2}):	0.3	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Trench Depth:	30 in.	Repair Trench Bottom 30 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	
Estimated Supply Line Length:	15	
Supply Line Diameter:	4 in. SCH 40 PVC	
Supply Line Volume:	9.80	
Dosing Volume:	N/A	
Supply Manifold:	N/A	
Supply Manifold Length:	N/A	
Supply Manifold Volume:	N/A	
Recommended Float Controls:	N/A	
Recommended Control Panel:	N/A	
Pressure Head:	N/A	
Friction Head:	N/A	
Elevation Head:	N/A	
Total Dynamic Head:	N/A	
Threaded Union:	N/A	
Gate Valves:	N/A	
Check Valves:	N/A	
Anti-Siphon Hole:	N/A	
Additional Comments:	Soil suitability was performed by Rollans Soil & Environmental Services	

The Farms Lot 481

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1224
TOTAL LATERAL LENGTH:	408
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	400
SUPPLY LINE LENGTH:	15
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Approved
MD
12/9/16

Approved
12/9/14

Layout Specifications - The Farms Lot 481

Project #: 01-3263

LAYOUT FOR 4 BEDROOM HOME

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	############## DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	RED					32	32
2	ORANGE					47	47
3	BLUE					51	51
4	YELLOW					49	49
5	PINK					47	47
6	WHITE					43	43
7	RED					28	28
8	***YELLOW***					***136***	***136***
9	***PINK***					***136***	***136***
10	***BLUE***					***80***	***80***
11	***WHITE***					***56***	***56***
					Total	**705**	**705**

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***408***	***0.300***	***ACCEPT.***	***0.300***	***25% RED***	***GRAVITY***
Repair	297	0.275	MOD. CONV.	0.275	PPBPS	LOW PRESSURE

Notes: **All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

CALCULATIONS

Approved
12/9/16

Location 122 W. Cold Hollow Farms Road
Mooresville, NC 28117
Project Number 01-3263

Lot No: 481

No. of Bedrooms 4

Design Flow 480 $^{gal}/_{day}$

LTAR 0.300 $^{gal}/_{ft^2\,day}$

PPBPS? (YES OR NO) NO

Supply Line Length 15 ft.

Supply Line Volume 9.795 gal.

Required Feet of Line 400 ft.
Amount of Line from Layout 408 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1000 gal.
Septic Tank Size 1000 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

FRICTION FACTOR
INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

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

Sheet 1 of 1
PROPERTY ID #: 4626085017
COUNTY: Iredell

Approved

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

OWNER: Bob Hogan
ADDRESS: 122 Oasis Lane Mooresville NC 28117
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 122 W. Cold Hollow Farms Dr, Mooresville NC 28117
APPLICATION DATE: 11/2016
DATE EVALUATED: 11/1/16
PROPERTY SIZE: ±.77
PROPERTY RECORDED: Yes

WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

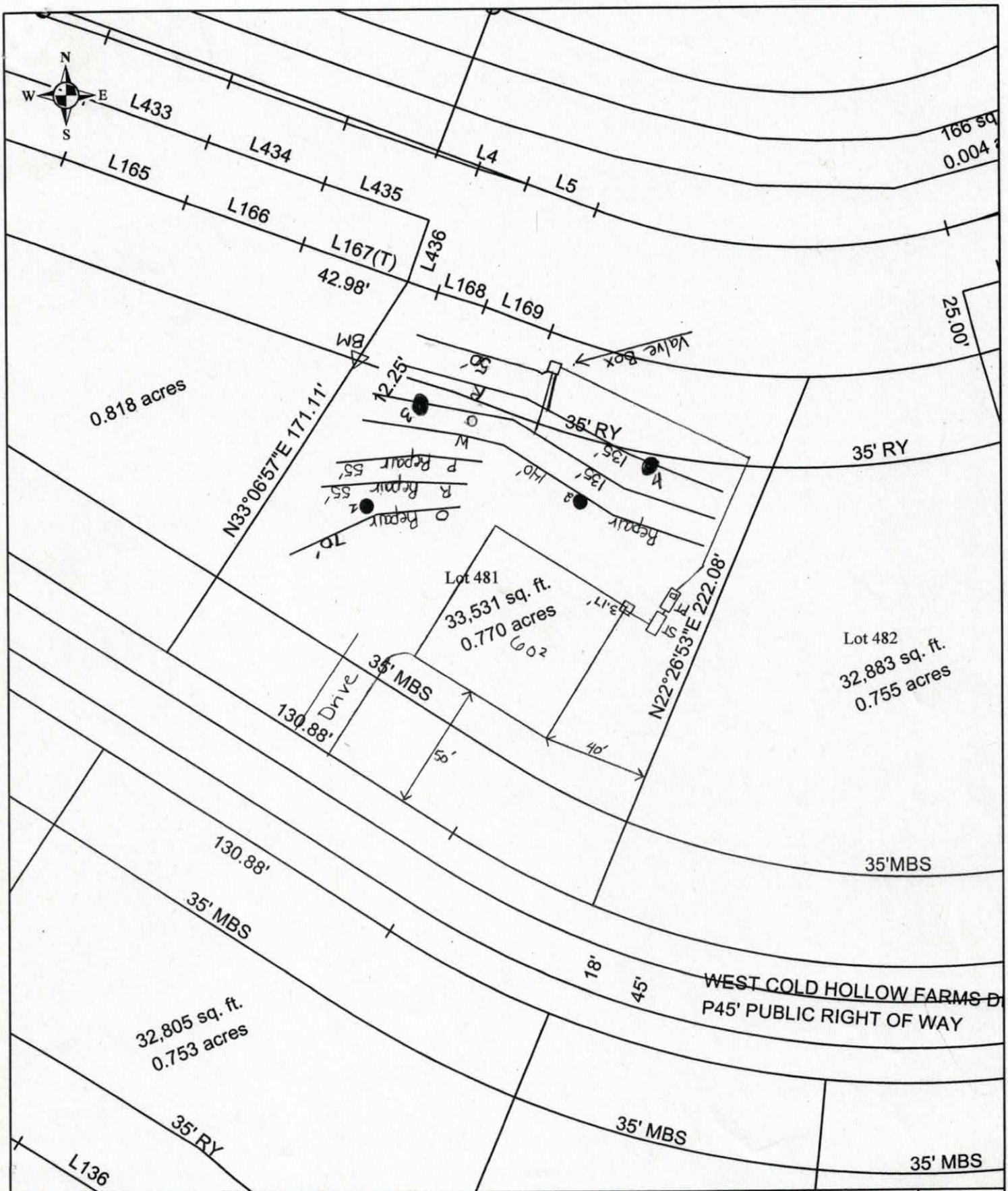
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 1	4/10%	0-6	B l sr	Fr SSSP SEXP		48	-	-	PS 0.3
		6-20	RBc l wmsbk	" " " "					
		20-48	Rc mnAbk/sbk	" " " "					
B 2	4/8%	0-4	B l sr	Fr SSSP SEXP		48	-	-	PS 0.3
		4-12	RBc l wmsbk/Abk	" " " "					
		12-23	BRc mnAbk/sbk	" " " "					
		23-44	Rc l wmsbk/Abk	" " " "					
		44-48	Rc l wfsbk	" " " "	f sap				
B 3	4/12%	0-7	B s l sr	Fr SSSP SEXP		48	-	-	PS 0.3
		7-12	RBc l wmsbk/Abk	" " " "					
		12-44	Rc mnAbk/sbk	" " " "					
		44-48	Rc l wmsbk/Abk	" " " "	f sap				
B 4	4/10%	0-8	B s l sr	Fr SSSP SEXP		48	-	-	PS 0.275
		8-15	RBc l wmsbk/Abk	" " " "					
		15-48	Rc mnAbk/sbk	" " " "	f [Feldspl. (28-34")				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	0.3	0.275-0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT:

COMMENTS:

Revised



Scale: 1 inch equals 50 feet	S&ME	The Farms Phase 4	FIGURE
Drawn by: JBP		Lot 481	1
Reviewed by: PGP		Iredell County, NC	
Date: September, 2005	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05--070	

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: The Farms, LLC APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 6/3
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 48 PROPERTY RECORDED: _____
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTA
1	L 5%	0-9	gr/wsbk sil	fr ss/se	br	45+	ff sap inj		PS -3
		9-45	m sbk c/d	fr s/s	R				
2	L 5-10%	0-5	w sbk sil	fr ss/se		50+	ff sap 32+		PS
		5-32	m sbk c	fr s/p	R				
		32-50	w sbk cl	fr ss/se	R				
3	9-15-05 6% L New	0-7	gr brn sl/sil fi fr (dry)						.25
		7-50	abk. rel/ch	fi sssp sexp w/manganese coatings/conc.					
4	New	0-5	wk sbk brn sl/sil fi (dry)						.3
		5-47	abk rc	fi sssp sexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____

RECEIVED NOV 2 3 2016

IREDELL COUNTY HEALTH DEPARTMENT

Paid $350.00

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

223363

Application For:

(✓) Septic Improvement Permit ( ) New Well Permit (✓) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repa

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SI IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTE APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAIL

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 fee

Applicant Information:

Applicant Name: S. Ashley Rollans **Address:** P.O. Box 832 Mooresville NC 28115 **Phone:** 704-746-50

Owner Name: Bob Hogan **Address:** 122 Oasis Lane Mooresville NC 28117 **Phone:** 704-201-19

Property Information:

Street Address: 122 W. Cold Hollow Farms Rd, Mooresville NC 28117

Subdivision Name: The Farms **Section/Phase:** 4 **Lot Number:** 481

Driving Directions: Cross street Brawley School Rd

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

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
(✓) Swimming Pool
( ) Other Addition/Structure:

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

Non-Residential Site Development:

Type of Business:
Square Footage of Building:
Maximum Number of Employee:
Maximum Number of Seats/Beds/Other:

Water Supply:

( ) 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: Accepted

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: S. Ashley Rollans

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

11/23/16
DATE

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, Robert Hogan, am the legal owner(s) of the property located at 122 W Cold Hollow Farms Rd. Mooresville, NC, identified as PIN (Parcel Identification Number) 4626085817.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Samuel Ashley Rollans, Rollans Soil & Environmental Services, 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
	11/23/16		11/23/16

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

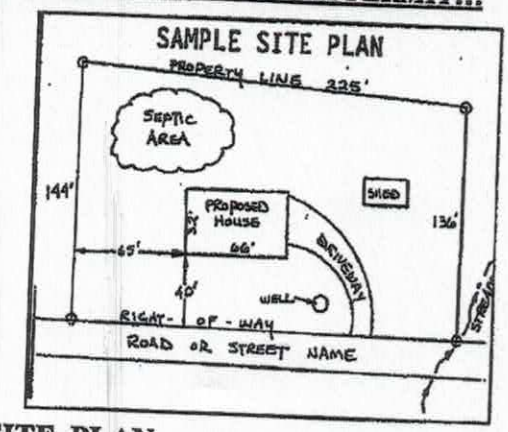
Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY 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

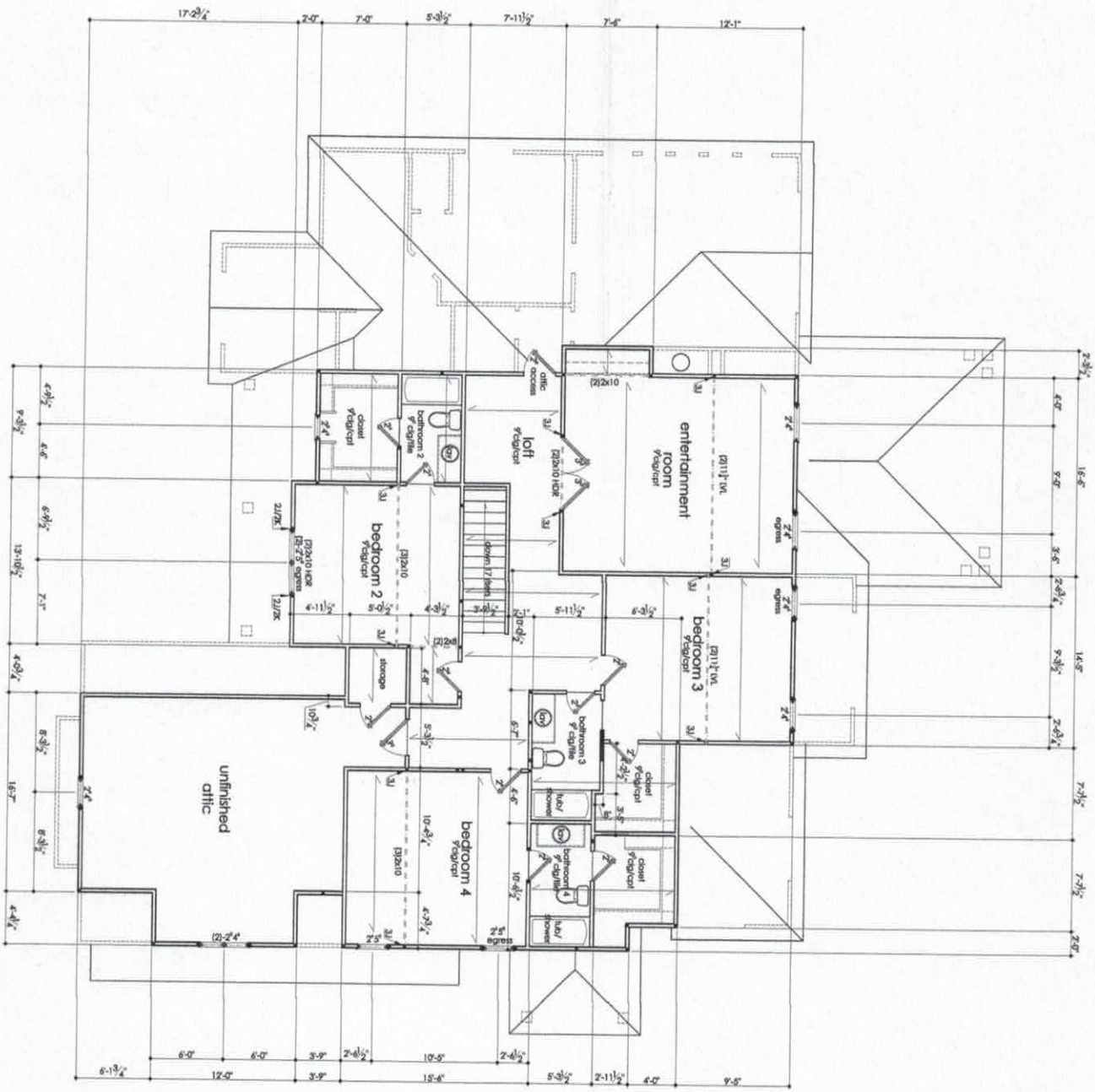
Signature: Samuel A Rollins
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

11/23/16
DATE

Acknowledgement of
Plans Submittal ONLY!

Date 12/15/16

Date 12/15/16



second floor ceiling plan structural notes

1. All ceiling joists shall be 2x8 SPF#2 @ 16" o.c. Unless noted otherwise.
2. All LVL beams are 1-3/4" wide.
3. All second floor headers shall be [2]2x8's for all 2x6 walls and [3]2x8's for all 2x6 walls unless noted otherwise.
4. Install a minimum of [2]2x4 studs under all beams, LVL or flush cabinets at the second floor unless noted otherwise.
5. See general Notes sheet for additional information.

notes

all first floor interior doors are 80" tall with 18" transom above.

all doors without dimensions have a minimum 6" return to wall to allow clearance for door trim

all window & door headers are [2]2x8 UNO

legend

- 2x6 framing
- 2x4 framing
- cast stone veneer
- paint back [2]2x4 stud or [2]2x6 depending on wall thickness
- header or beam above size as noted
- ceiling joists: spf #2 2x8's @ 16" OC UNO

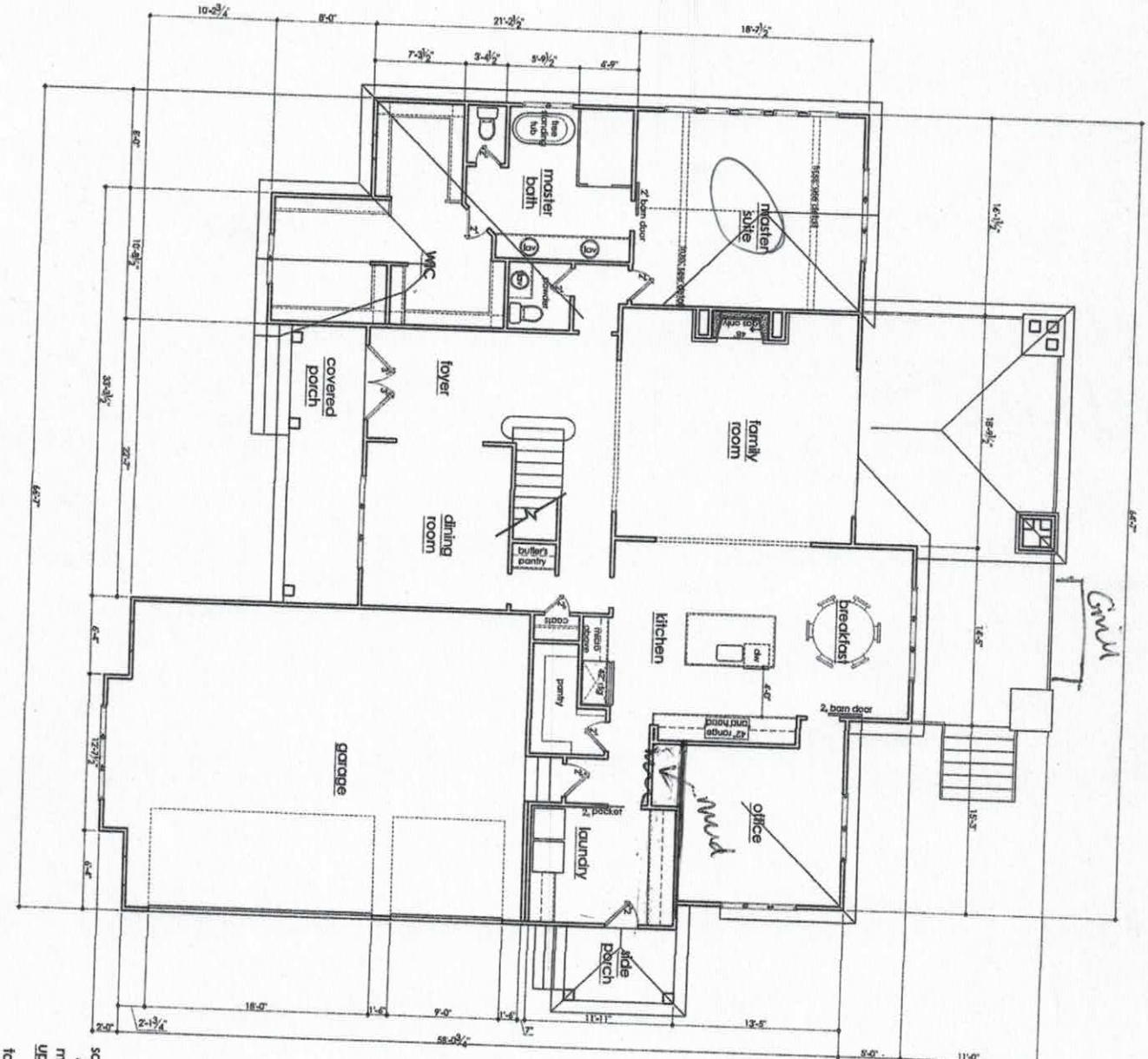
© copyright 2016

6	upper floor 12.15.16	Hogan Residence 122 W Cold Hollow Farms Dr Mooresville, NC	Eastlake Builders, Inc.	GB Engineering, PLLC. 135 Middleton Place Mooresville, NC 28117 704.677.5339 NC Bus. Lic. #P-1298	IDEA FACTORY 704.491.2060 www.ideafactorydesign.blogspot.com

Acknowledgement of
Plans Submittal ONLY!

Date 12/9/16

Date 12/15/16



square footage calculations
main 2424 sq ft
upper 1676 sq ft
total 4100 sq ft

© copyright 2016

4	main floor 10.27.16	Hogan Residence address Mooresville, NC	Custom Home Builder TBD	IDEA FACTORY 704.491.2060

IREDELL COUNTY

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

APPLICATION NUMBER
223363
Issue Date: 11/23/2016

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4626085817.000	122 WEST COLD HOLLOW FARMS DRIVE, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: EASTLAKE BUILDERS INC	Applicant: ROLLANS SOIL & ENVIRON
Address: 122 OASIS LANE MOORESVILLE, NC 28117	Address: 470 NORTH BROAD STREET SUITE D MOORESVILLE, NC 28115
Phone:	Phone: 704-658-1723

Use Requested	Zone Code
SFD	R20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.770	35.00	35.00	15.00	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	86518	TOTAL FEES:	$ 77.25