IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 HS | PERMIT # AP-301019

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

PIN # 4626653580

APPLICANT/OWNER: Paul Kumar / CSandSC | APPLICANT ADDRESS: PO Box 1703 Mooresville NC 28115

SITE ADDRESS: Lot Magnolia Farms Ln. Mooresville NC 28117 | PHONE: Paul 704-634-1263 | ALT. PHONE 704-202-5792

SITE DIRECTIONS: Brawley School Rd to Rou S Fork Rd, Ron Agnew, Ron Caldwell Creek, Lon Magnolia Farms Ln, Located on

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Farms | SECTION: 1 | LOT # 61 | LOT AREA: 2.541 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: .3

Septic Tank 1250 (gal)	STB 444	Date 7-10-2020	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank — (gal)	PT —	Date —	System Description: Gravity 25% Reduction		☐ Business	No. Persons 8	☐ Private
Pump Make —	Model —	Serial # —	Repair System Description: TS1 Drip		☐ Other	No. Employees —	☐ Public
# Nitrification Fields 1	# Lines 5	Linear Ft 400'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space	☒ Community
Trench Width 36"	Trench Bottom Depth(Low side) 30"	Gravel Depth —	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Install lines on Contour. Divert surface water away from system. Do not Drive on, grade or Manipulate Drainfield in any way.

INITIAL SITE SKETCH

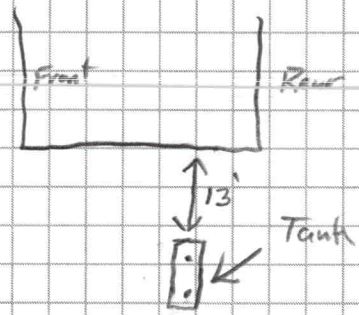
See Attached and Approved Site plan by CSandSC. 2/27/2020

AS BUILT SKETCH

6/3/2020: Dellinger Precast Top Seam 1500 gallon tank w/ a Polylok PL-68 Filter.

L1	25
L2	25
L3	23
L4	14
L5	13
	160

TQHW @ 30" TB. substantially as permitted



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: Acceptance of Permit Recvd | Date: 4.3.2020 | Installed by: Lago Vista Septic Service / Carlos Rocha

IMPROVEMENT PERMIT by: Patrick J Beglin III | Date: 2/27/2020 | OPERATION PERMIT by: Tom Shuck | Date: 6/3/2020

AUTHORIZATION TO CONSTRUCT by: Tom Shuck | Date: 6/3/2020 | 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.

IREDELL COUNTY HEALTH DEPARTMENT
JANE HINSON, RN BSN MS
HEALTH DIRECTOR

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

ACKNOWLEDGEMENT OF ACCEPTANCE OF PERMIT DESIGN AND CONDITIONS

Any permit requiring a signature must have this form signed by the property owner or their authorized agent. Once this form is signed and returned to Environmental Health an official copy of the permit will be emailed to the email that you provide.

I, Robert Vallos, am the legal owner or the agent of the property located at 101 Magnolia Farms Rd, identified as PIN(Parcel Identification Number) 4626653580, located in Iredell County, North Carolina.
Permit # 301019.

I do hereby agree to the permit design and the conditions of this permit.

[signature] 4/2/2020
Signature of Owner/Authorized Agent Date

[signature] 4/2/2020
Signature of Witness Date

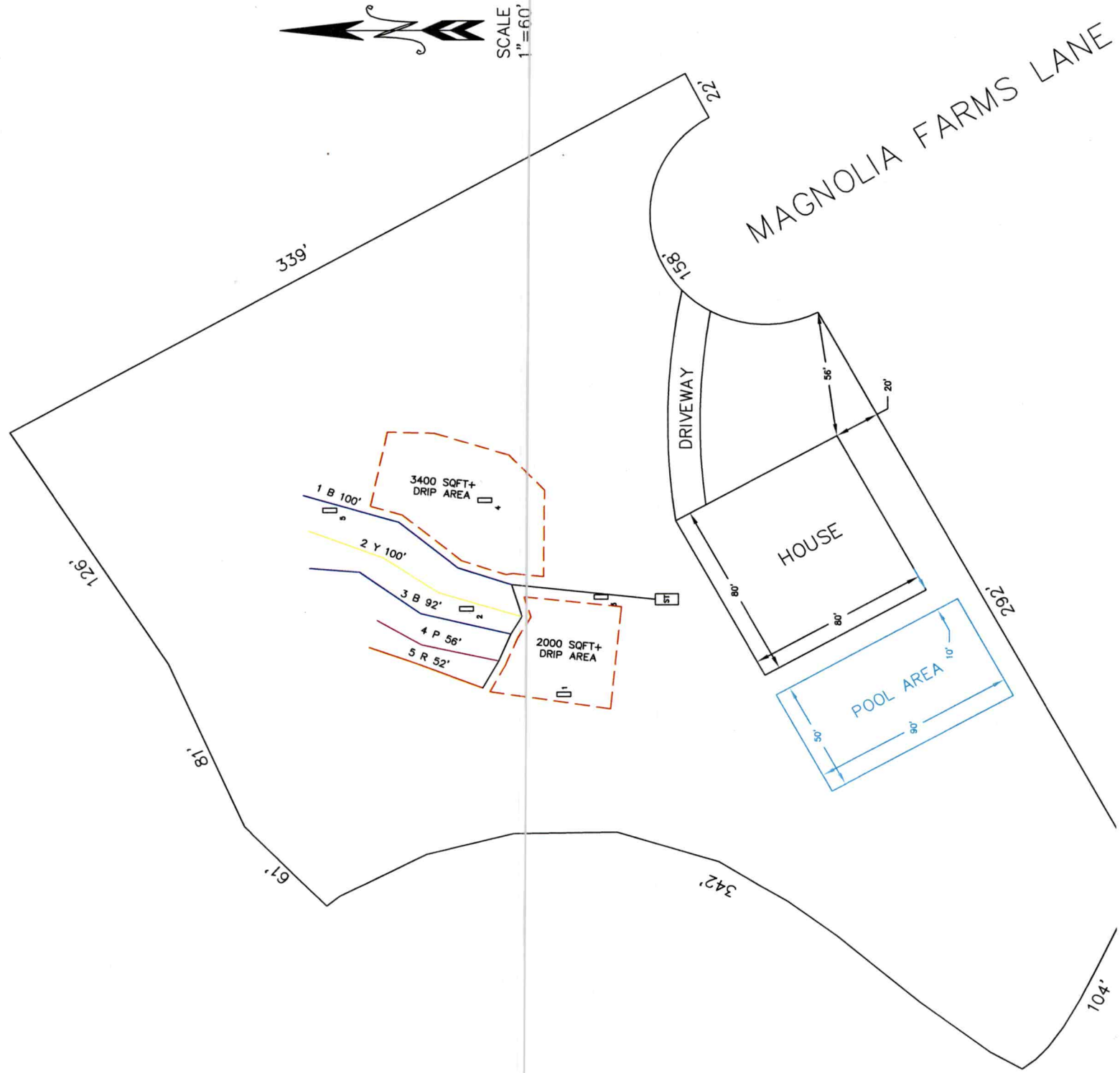
email

Central Office (Health Dept.)
318 Turnersburg Hwy
Statesville, NC 28625
704 878-5300

Mooresville - Environmental Health
610 E. Center Avenue
Mooresville, NC 28115
704 660-3625

Statesville - Environmental Health
349 N. Center Street
Statesville, NC 28677
704 878-5305 x3456

http://www.co.iredell.nc.us/Departments/Health/


SCALE
1"=60'
MAGNOLIA FARMS LANE
22'
158'
339'
126'
81'
61'
342'
104'
292'
DRIVEWAY
56'
20'
HOUSE
80'
80'
POOL AREA
10'
50'
90'
3400 SQFT+
DRIP AREA
2000 SQFT+
DRIP AREA
1 B 100'
2 Y 100'
3 B 92'
4 P 56'
5 R 52'
51

APPROVED FEB 2 7 2020
RJB

Carolina Soil & Septic Consulting, PLLC

P.O. Box 1703, Mooresville, NC 28115

Phone: (704) 202-5791 Email: adrianpruett@yahoo.com

NC Licensed Soil Scientist, SC Professional Soil Classifier.
Certified Septic System Operator, Licensed Septic Installer,
Certified Septic Inspector

Proposed Design for a 25% Reduction Septic System using Gravity distribution for a 4 bedroom single family residence on Lot 61 of The Farms Subdivision, in Mooresville, Iredell County, North Carolina.

Contents: **Page**

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

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

Site Plan/System Plan---------- 4

Dosing Calculations---------- 5

Soil Profile Descriptions---------- 6

October 15, 2019
Job Number: 19167



APPROVED FEB 2 7 2020
PSB

INFORMATION FOR INSTALLER:

- The permit should be read very carefully prior to submitting bid. 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.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- The installer is responsible for final grades and returning that grade to original, with exception of added structural features.
- The supply trench shall be compacted to eliminate any 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 has no more than 1/4"fall in 10 feet with no high or low areas within. If high or low areas do exist after trench excavation, high areas should be removed rather than filling in low areas. Do not over excavate trenches! Any fine grading should be completed by hand with a rake and shovel, leaving no loose material.
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral to prevent unwanted lateral water movement.
- 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 pin flag locations should be checked by the installer prior to beginning trenches to insure accuracy.
- If septic tank risers are used they should be a minimum of 6" above finished grade or within 6" of final grade if buried.
- Design precludes use of foundation drains on the residence.
- **System is specified as an Accepted 25% Reduction Gravity installation.**
- **Repair is specified as TS-1 DRIP IRRIGATION installation.**
- Trench width is specified as 36" wide, rake and lime all trench sidewalls
- **If grading for slab foundation is utilized do not grade/create greater than 2 ft of elevation difference within 15 ft of any component of the septic or repair. If back filling do not backfill over any initial or repair septic line.**

APPROVED FEB 27 2020
PJB

OWNER INFORMATION

Owner:	Kappa Properties LLC.
Address:	4436-b South Blvd.
	Charlotte, NC 28209
Phone:	704-634-1263
County:	Iredell
Location:	THE FARMS LOT 61
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	NA

25% GRAVITY DESIGN INFORMATION

Drainfield Design Flow (gpd):	480
Loading/Soil Application Rate (gpd/ft.^{2}):	0.300
Depth of Gravel in Trench:	NA (25% reduction)
Gravel Size:	NA (25% reduction)
Total Lateral Length From Layout:	400
Total Lateral Length Required:	400
Trench Depth:	30 in. Lowside
Trench Width:	36 in.
TOTAL AREA TRENCH BOTTOM:	1200
Trench Spacing on Center:	9 ft.
Repair Trench Spacing on Center:	2 ft.
Repair Trench Depth:	6 in.
Septic Tank Size:	1250 gal.
Estimated Supply Line Length:	63
Supply Line Diameter:	3 in. SCH 40 PVC
Supply Line Volume:	22.68
Dosing Volume:	NA
Supply Manifold:	SERIAL DISTRIBUTION
Additional Comments:	Soil suitability was performed by Ben Aldridge, REHS

APPROVED FEB 27 2020
BSB

THE FARMS LOT 61
FIELD LAYOUT SPECIFICATIONS

LAYOUT FOR 4 BEDROOM RESIDENCE — October 16, 2019

LINE #	FLAG COLOR	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM			NA		
HOUSE CRN		NA	NA		
P. TANK		NA	NA		
1	***BLUE***	*NA*	*NA*	*128*	*100*
2	***YELLOW***	*NA*	*NA*	*120*	*100*
3	***BLUE***	*NA*	*NA*	*94*	*92*
4	***PINK***	*NA*	*NA*	*76*	*56*
5	***RED***	*NA*	*NA*	*71*	*52*
6	PINK	NA	NA	5400 SQFT	5400SQFT
			Total	**489**	**400**

	LINE LENGTH	SYSTEM TYPE	SOIL LTAR GPD/FT^2	TRENCH SYSTEM	DISTRIBUTION
System	***400***	***ACCEPT.***	***0.300***	***25% RED.***	***GRAVITY***
Repair	5400 SQFT	*INNOV.*	0.100	DRIP TS-1	LOW PRESSURE

Notes: ** TBM Is Not Required.
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags

Comments: **SET TANK AS SHALLOW AS POSSIBLE TO ACHIEVE GRAVITY FLOW.**
Iredell County has CS&SC's permission to change septic tank location and distribution type

APPROVED FEB 27 2020

RJB

DOSING CALCULATIONS

Location THE FARMS

Lot No: 61

No. of Bedrooms	4
Design Flow	480 $^{gal}/_{day}$
LTAR	0.300 $^{gal}/_{ft^2\ day}$
25% RED.? (YES OR NO)	YES
Supply Line Length	63 ft.
Supply Line Volume	22.68 gal.
Required Feet of 25% RED. Line	400 ft.
Amount of Line from Layout	400 ft.
Gallons per Minute	NA $^{gal}/_{min}$
Septic Tank Capacity	1250 gal.
Minimum Septic Tank Capacity	1250 gal.
Lateral Line Volume	261.2 gal.

APPROVED FEB 27 2020
PJB

Sheet 1 OF 2
PROP. ID #: 4626653580
COUNTY: IREDELL

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

OWNER: KAAPA PROPERTIES LLC
ADDRESS: 9935D REA RD STE 210 CHARLOTTE NC 28277
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 101 MAGNOLIA FARMS LN

APPLICATION DATE:
DATE EVALUATED: 10/3/2019
PROPERTY SIZE: 2.541 AC
PROPERTY RECORDED: YES

WATER SUPPLY: PRIVATE PUBLIC X WELL SPRING OTHER:

EVAL. METHOD: A. BORING X PIT CUT **WASTEWATER TYPE** X 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 SAPROLITE CLASS	.1944 RESTR HORIZON	
1	LSS 12%	0-9	G/Y FSL GR	VFR NS NP NEXP	Y/BR 28-60" CHR2 38-60"	60"	N/A	38"	0.225
		9-16	G/Y SCL WSBK	FR SS SP SEXP					
		16-38	R C SABK	FI S P SEXP					
		38-60	R C WABK	FI S SP SEXP					
2	LSS 14%	0-8	G/Y FSL GR	VFR NS NP NEXP	FEW TRANS AT 8"	62"	N/A	N/A	0.3
		8-48	R C MABK	FI S P SEXP					
		48-62	R C WSBK	FI SS SP SEXP					
3	LSS 13%	0-6	G/Y FSL GR	VFR NS NP NEXP	Y/BR 6-36" CHR2 34-36"	36"	COM/ MANY 6-36"	24"	.1 DRIP
		6-36	Y/R C WSBK	FI SS SP SEXP					
4	LSS 14%	0-9	G/Y FSL GR	VFR NS NP NEXP	Y/BR 45-62" CHR2 58-62"	62"	N/A	58"	.3 TO 45"
		9-62	Y/R C MABK	FI S P SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
AVAILABLE SPACE (.1945)	PS	PS
SYSTEM TYPE(S)	GRAVITY 25% RED.	DRIP IRRIGATION
SITE LTAR	0.3	0.1
COMMENTS		

OTHER FACTORS (.1940)	N/A
SITE CLASSIFICATION (.1948)	PS
EVALUATED BY:	BEN ALDRIDGE
OTHER(S) PRESENT:	DAVID BEANE

LICENSED SOIL SCIENTIST
BENJAMIN ALDRIDGE
1314
NORTH CAROLINA

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 2 OF 2

PROP. ID #:

COUNTY:

APPROVED FEB 2 7 2020
PJB

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/C OLOR	.1943 SOIL DEPTH	.1956 SAPROLITE CLASS	.1944 RESTR HORIZON	
5	LSS 15%	0-8	G/Y FSL GR	VFR NS NP NEXP	N/A	61"	N/A	N/A	0.3
		8-13	G/Y SCL WSBK	FR SS SP SEXP					
		13-61	R C MABK	FI S P SEXP					

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

11037 6

Sheet 1 of 2
PROPERTY ID #: 7626535580
COUNTY: Iredell

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

OWNER: Paul Kumar
ADDRESS: PO Box 1703 mooresville NC 28115
PROPOSED FACILITY: New Single fam PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 101 magnolia Farms
APPLICATION DATE 2/6/2020
DATE EVALUATED: 2/18/2020
PROPERTY SIZE: 2.54 acres
PROPERTY RECORDED: YES

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other community well
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	SS	0-10	SL wsbk	Fr sss sp sexp	Chroma's at 35" 5Y8/2	48"	—	Chroma 2 sat 35"	Dr, P .1 Vat 35"
		10-17	SCL wsbk	Fr ss sp sexp					
		17-36	C ABK	Fr sp sexp					
		36-48	C ABK	Fr s p sexp					
2	SS	0-7	SC wsbk	Fr ss sp sexp	Few YB mott Chroma's at 36"	60"	—	—	PS.3
		7-26	C SBK/ABK	Fr ss s/sexp					
		26-60	CL SBK	Fr ss sp sexp					
3	SS	0-6	SL wsbk	VFr sss sp sexp	YB mottles scattered throughout chroma's at 36"	60"	Lithochromic inclusions	Chroma 2 sat 36"	.1 Drip PS
		6-36	C SBK/ABK	Fr s p sexp					
		36-60	C ABK	Fr s p sexp					
4	SS	0-9	SCL SBK	Fr sss sp sexp	Chroma 2 sat 56" 2.5Y8/2 YB motts start first at 45"	60"	—	Chroma 2 sat 56"	PS.3 to 56" Drip .1
		9-60	C SBK/ABK	Fr sss sp sexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	4800
System Type(s)	Gravity 25%	Drip
Site LTAR	.3	.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Patrick SB
OTHER(S) PRESENT: Brian

COMMENTS: Cloudy, Pits had been open for awhile before evaluating

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

Sheet 2 of 2
PROPERTY ID #: 4626653580
COUNTY: Iredell

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

OWNER: Paul Kumar
ADDRESS: PO Box 1703 Mooresville NC 28115
PROPOSED FACILITY: New Single Fam PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 101 Magnolia Farms
APPLICATION DATE 2/6/2020
DATE EVALUATED: 2/18/2020
PROPERTY SIZE: 2.54 acres
PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other Community well
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	SS	0-6	SL WSBK	FVSSSP SMAP	—	61"	—	—	PS,3
		6-13	SCL WSBK	FVSSSP SMAP					
		13-61	C SBK	FVSSSP SMP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	4800
System Type(s)	Gravity 25%	Drip
Site LTAR	.3	.1

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

COMMENTS:

RECEIVED FEB 0 6 2020 2-6-2020

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

$350.00 AP-301019

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: PAUL KUMAR/CS&SC Address: PO BOX 1703 MOORESVILLE, NC Zip: 28115
Applicant Email: ADRIANPRUETT@YAHOO.COM Phone: 704-202-5792 Alt. Phone: PAUL 704-634-1263
Owner Name: CYRAS CUSTOM HOMES Address: 4436-B SOUTH BLVD. CHARLOTTE, NC Zip: 28209
Owner Email: PAUL@CYRASCUSTOMHOMES.COM Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 101 MAGNOLIA FARMS. MOORESVILLE, NC 28117
Subdivision Name: THE FARMS Section/Phase: _____ Lot Number: 61
Driving Directions: BRAWLEY SCHOOL RD, TR SOUTHFORK, TR CALDWELL CREEK, TL MAGNOLIA FARMS

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

(X) 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: 8
( ) 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
(X) 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 (X) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
(X) No Preference ( ) Alternative ( ) 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?
( ) Yes (X) 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: _____ 2-6-20
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

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, [redacted], am the legal owner(s) of the property located at 101 MAGNOLIA FARMS Mooresville NC, identified as PIN (Parcel Identification Number) 4662665580, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Adrian Pruett Carolina Soil and septic consulting 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.

[redacted] 7/2/2018
Signature of Owner(s) Date

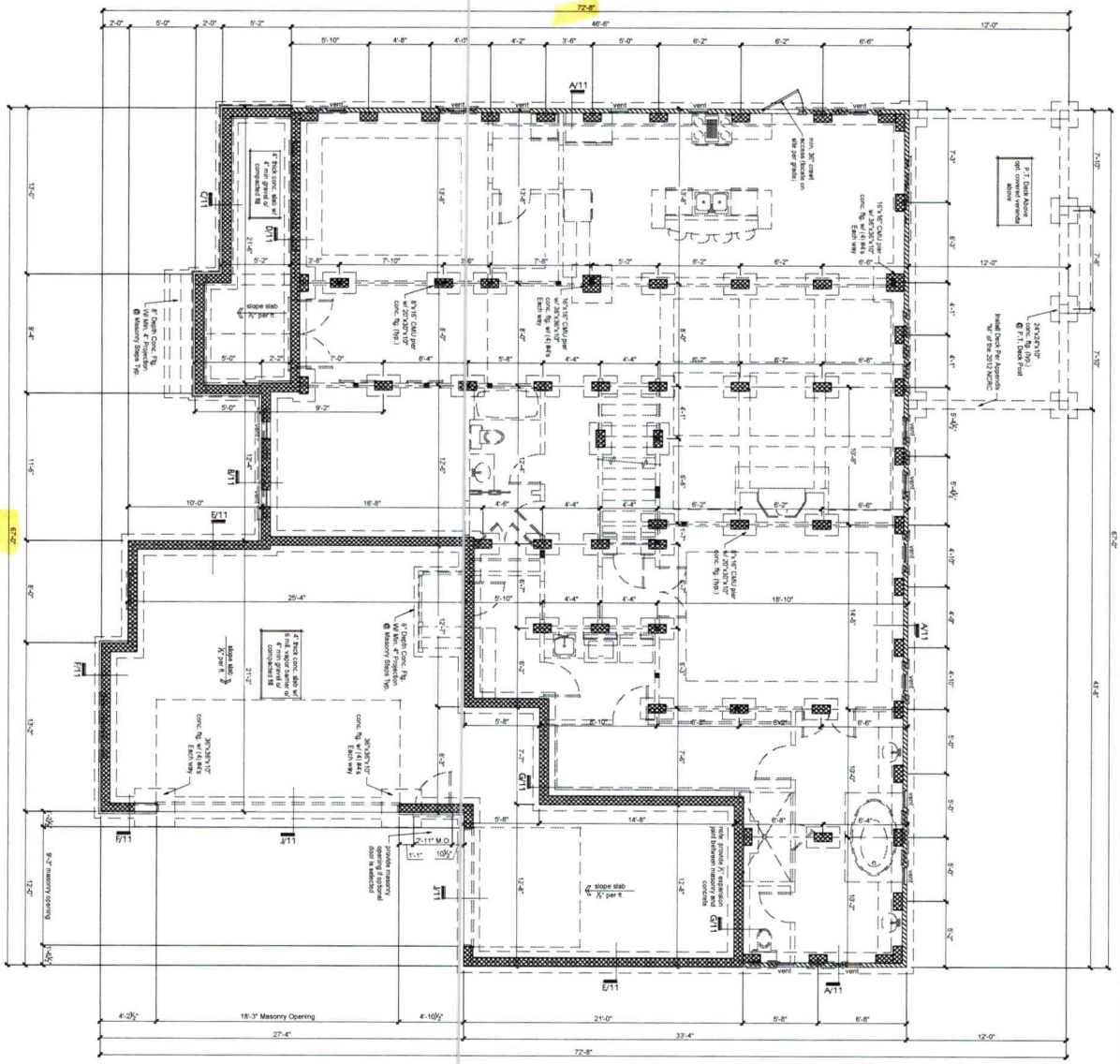
[redacted] 7/2/2018
Signature of Witness Date

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

Acknowledgment Of
Plans Submitted ONL
Patrick J Bgett Date 4/1/2020
Date



Foundation Plan

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

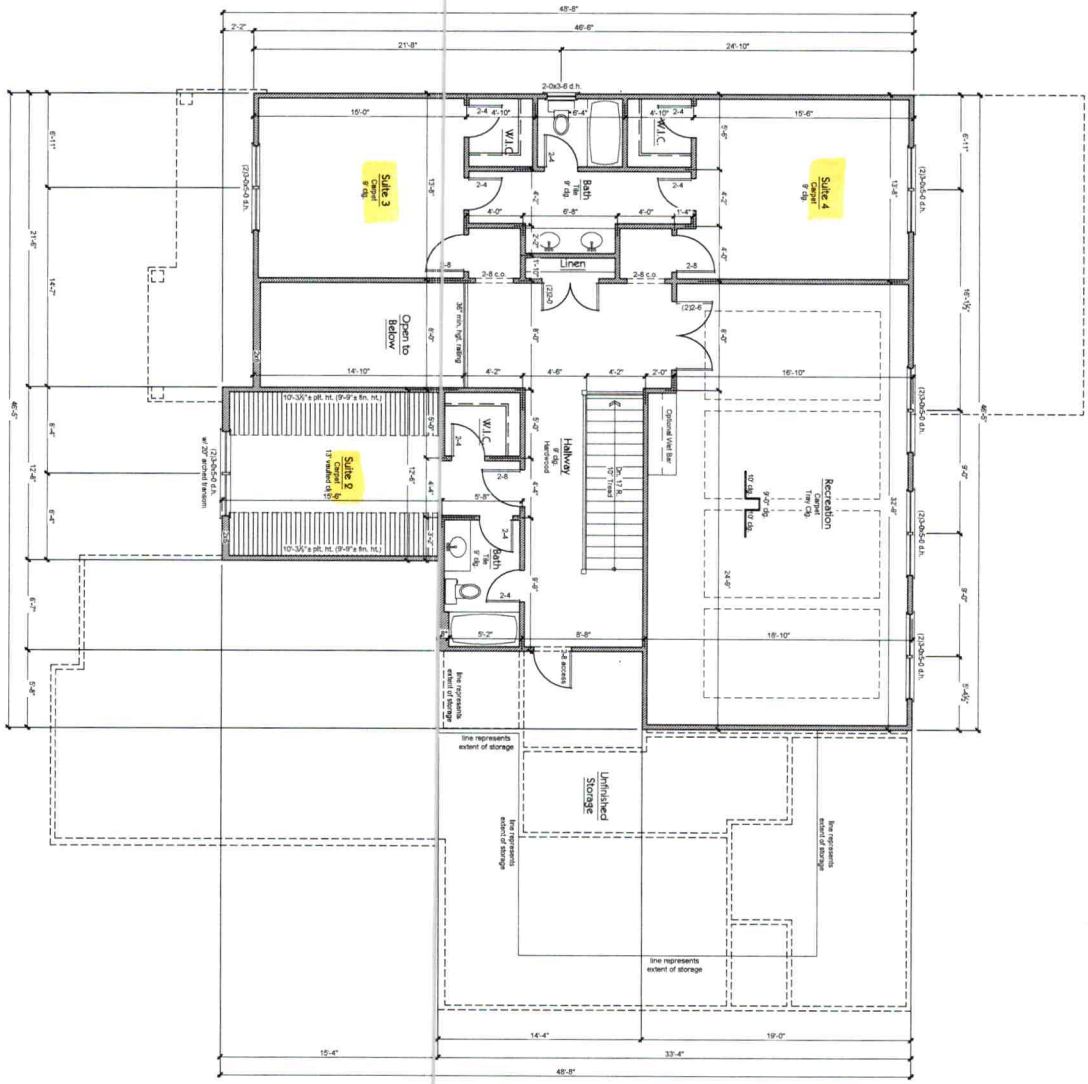
2	Sheet No.	Drawn by: IB Checked by: -	Revisions: 5.5% increased plans moved fireplace
		Project No: 3703-18 Date: 04/14/2018 Construction Documents	Title: Foundation Plan

ISAAC BUEHLER
RESIDENTIAL DESIGN
(704) 608-7512
6760 CURTWOOD DR.
TIPP CITY OH. 45371

CYRAS CUSTOM HOMES

The Bayberry at the Farms
Lot 599 The Farms
Davidson Township, Iredell Co., NC

Ack[illegible]nt Of
Plans [illegible] ONL
Patrick J Bylett III Date 4/1/2020
Date



Upper Level Floor Plan

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

Upper Level Notes:

- All angled walls are 45° u.n.o.
- All doors and cased openings are 6" from wall unless dimensioned otherwise
- All doors and cased openings on this level to be 6'-8" tall u.n.o.

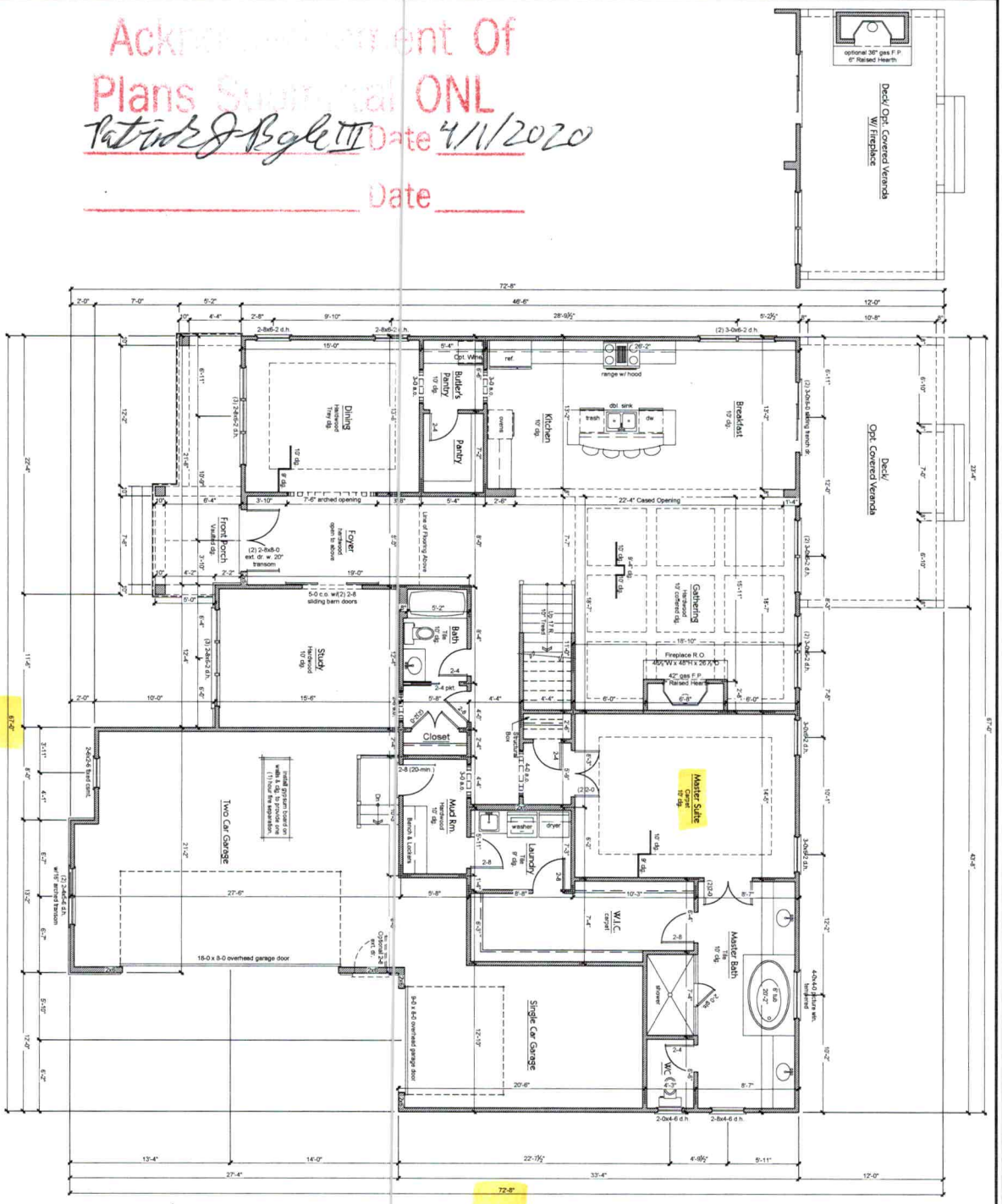
Project No:	310-18
Date:	04/19/2018
	Construction Documents
Title:	Upper Level Floor Plan
Revisions:	5-15-19 mirrored plan & moved fireplace
Drawn by:	IB
Checked by:	-
Sheet No:	6

ISAAC BUEHLER
RESIDENTIAL DESIGN
(704) 608-7512
6760 Curtwood Dr.
Tipp City OH. 45371

CYRAS CUSTOM HOMES

The Bayberry at the Farms
Lot 599 The Farms
Davidson Township, Iredell Co., NC

Acknowledgment Of
Plans Submittal ONL
Patrick J Bagle III Date 4/1/2020
Date



Square Footage

	Framed
Main Level Heated	2,344 Sq.Ft.
Upper Level Heated	1,794 Sq.Ft.
Total Heated	4,138 Sq.Ft.
Three Car Garage	827 Sq.Ft.

Main Level Notes:

- All angled walls are 45° u.n.o.
- All doors and cased openings are 6" from wall unless dimensioned otherwise.
- All doors and cased openings on this level to be 8' tall u.n.o.
- All arched openings (a.k.a.) to be sheetrock wrapped with bullnose edge 10"@ trim @ 6'-0" a.f.f. top of trim @ 6'-6" a.f.f.

Main Level Floor Plan

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

ISAAC BUEHLER
RESIDENTIAL DESIGN
(704) 608-7512
6760 Curtwood Dr.
Tipp City OH. 45371

CYRAS CUSTOM HOMES

The Bayberry at the Farms
Lot 599 The Farms
Davidson Township, Iredell Co., NC

Project No. 3303.18
Date 04/10/2018
Title Main Level Floor Plan
Revisions 5-15-18 mirrored plans, moved fireplace
Drawn by IB
Checked by
Sheet No. 4