IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 234184

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

PIN # 4676605673

APPLICANT/OWNER: Kenneth Brown APPLICANT ADDRESS: 107 Huntfield Way Mooresville, NC

SITE ADDRESS: 132 Brawley Woods Ln. Mooresville, NC 28115 PHONE: 704-746-4202 ALT. PHONE 704-746-4214

SITE DIRECTIONS: NC 3 S/E → L on Williford Rd → R on Linwood Rd → L on Brawley Woods Ln → lot on R SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Brawley Woods SECTION: 2 LOT # 19 LOT AREA: 1.097ac DESIGN FLOW: 360gpd L.T.A.R.: .25 (.1 repair)

Septic Tank	1000 (gal)	STB	794	Date	9-16-18	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% reduction
Pump Make		Model		Serial #		Repair System Description:	TSI drip
# Nitrification Fields	1	# Lines	6	Linear Ft	360'	Maintenance Agreement Required:	☐ YES ☑ NO
Trench Width	36"	Trench Bottom Depth(Low side)	26"/30" highside	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☑ Slab(garage) ☐ Basement w/plumbing

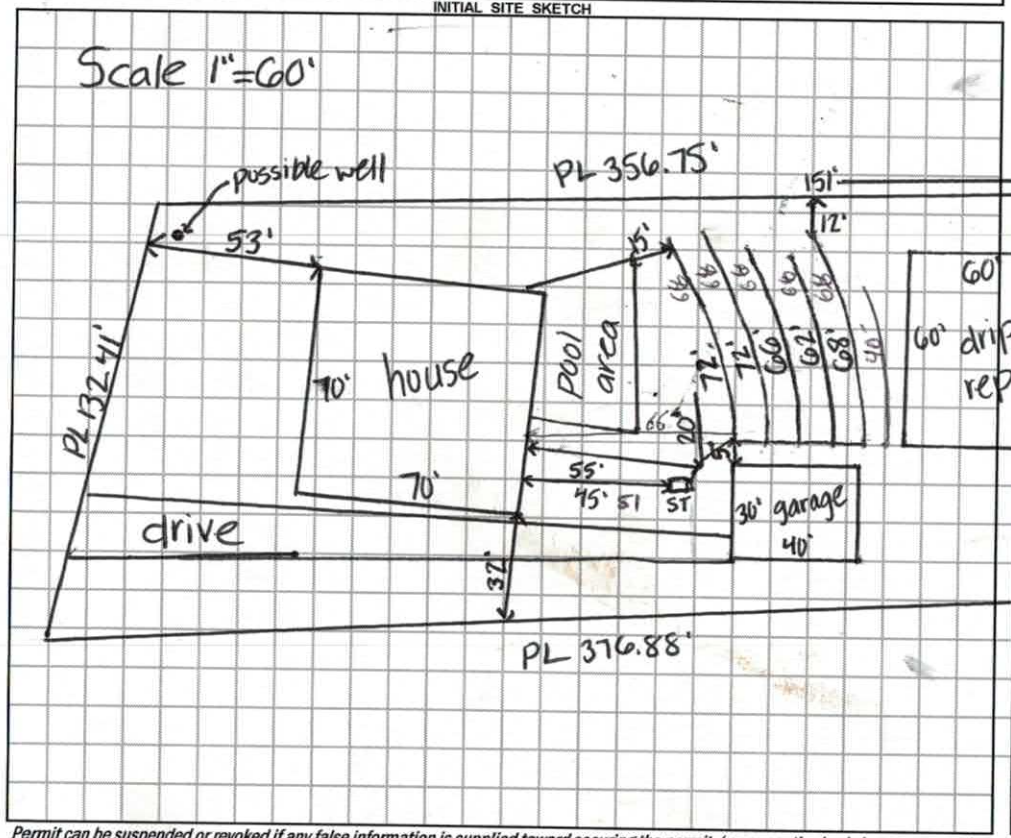
No. Bedrooms 3 No. Persons 6 No. Employees ☑ Crawl Space

Water Supply: ☑ Private ☐ Public ☐ Community ☐ Basement w/o plumbing

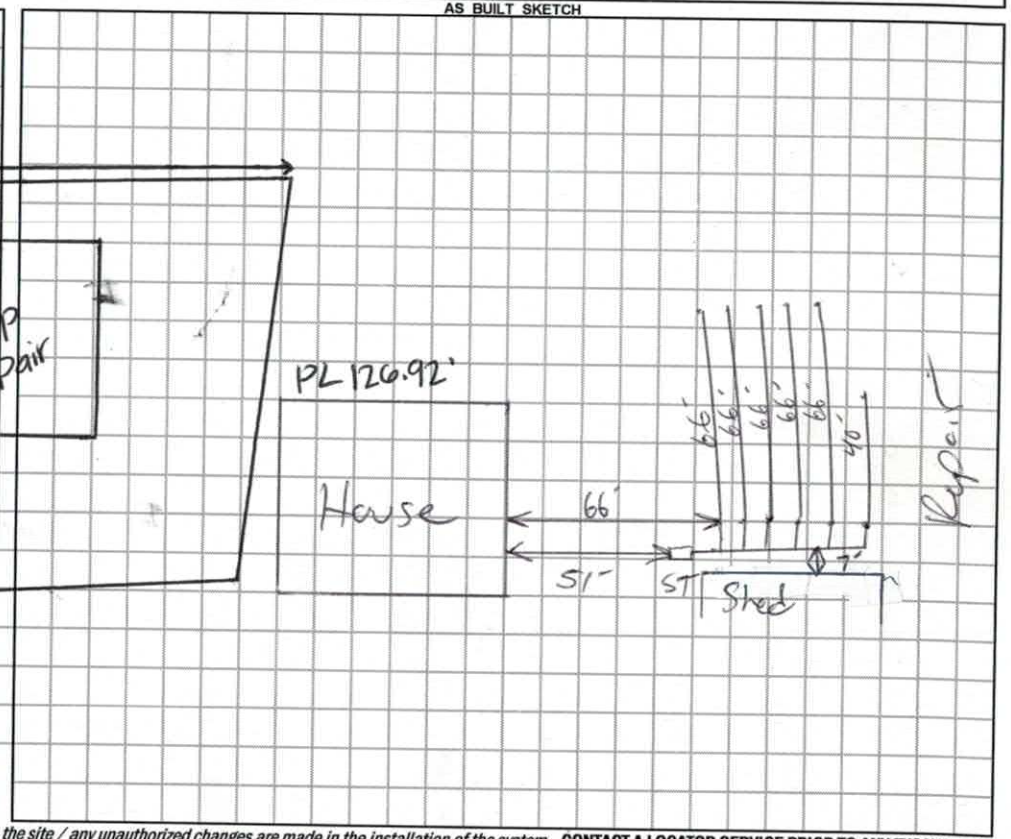
Comments / Conditions: Install 25% reduction with serial distribution and drain lines on contour. Maintain 5' from garage with drain lines.

Floor plans submitted show house ~3' longer than permitted. OK to make house 3' longer (will NOT impact septic).

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: Susan Brown Date: 4/4/18 Installed by: Hallman Construction (Kevin)

IMPROVEMENT PERMIT by: Kayla Wilson Date: 4-4-18 OPERATION PERMIT by: [signature] Date: 10-23-18

AUTHORIZATION TO CONSTRUCT by: Kayla Wilson Date: 4-4-18 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

Sheet 1 of 1
PROPERTY ID #: 4676605673
COUNTY: Iredell

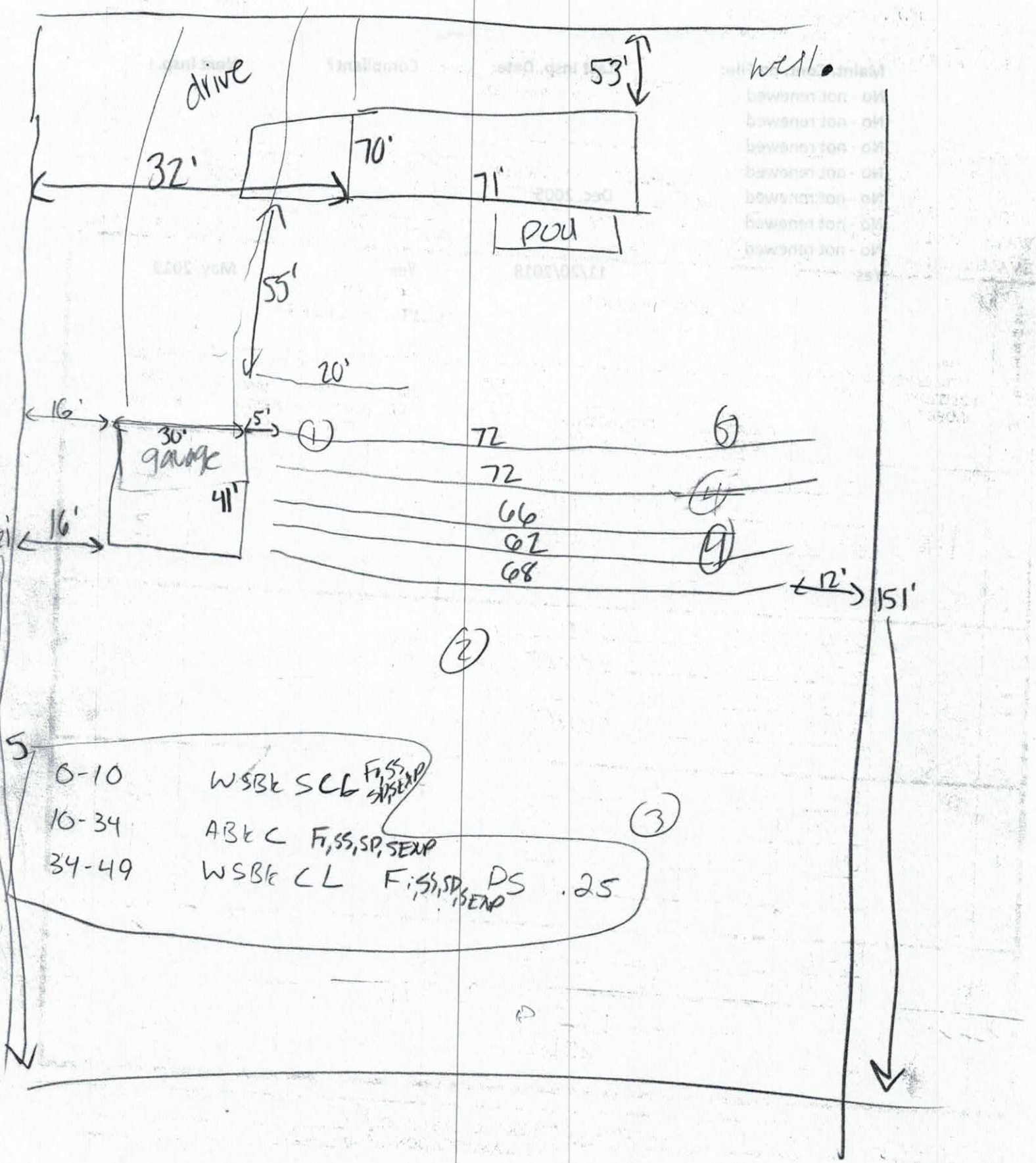
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Brawley Woods LLC
APPLICATION DATE 3-15-18
ADDRESS: 132 Brawley Woods Ln
DATE EVALUATED: 3-28-18
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: 1.097ac
LOCATION OF SITE: NC 3 S/E → L on Williford → R on Linwood → L on Brawley Woods Ln → lot on R
PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

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	PROFILE CLASS & LTAR
1	11% LS	0-17	WSBkSCL	Fr,SS,SP,SEXP	—	48	—	—	PS .3
		17-31	SBkC	Fr,SS,SP,SEXP					
		31-40	ABCC	Fr,SS,SP,SEXP					
		40-48	WABkCL	Fi,SS,SP,SEXP					
2	8% LS	0-6	WSBkSCL	Fr,SS,SP,SEXP	Chroma 2 @ 24" 2.5Y6/2 Common 4/3 20"-34" Mottles	30	—	—	PS .1 (Drip)
		6-30	ABkC	Fr,SS,SP,SEXP					
		30-34	PlathyC	Fi,S,P					
		34-51	WBCCL	Fr,SS,SP,SEXP					
3	9% LS	0-7	WSBkSCL	Fr,SS,SP,SEXP	Few 4/3 Mottles	24		24"-34" Massive Peds > 1=	PS .1 (Drip)
		7-24	ABkCL	Fr,SS,SP,SEXP					
		24-34	PlathyC	Fi,S,P					
		34-57	WSBkCL	Fr,SS,SP,SEXP					
4	9% LS	0-4	WSBkSCL	Fr,SS,SP,SEXP	—	48	—	—	PS .25
		4-19	SBkC	Fr,SS,SP,SEXP					
		19-30	ABC C	Fi,SS,SP,SEXP					
		30-48	WSBkCL	Fi,SS,SP,SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	IV
Site LTAR	.25	.1

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Kayla Wilson
OTHER(S) PRESENT: James Boggs


drive
well
53'
70'
32'
71'
POU
55'
20'
16'
30'
garage
5'
41'
16'
72
72
66
62
68
12'
151'
1
2
3
4
5
6
0-10 WSBL SCL F,SS,SP,SEXP
10-34 ABLC F,SS,SP,SEXP
34-49 WSBL CL F,SS,SP,SEXP DS .25

234184

RECEIVED MAR 16 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $500.00

Application For: (X) 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.

234184

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: Kenneth Brown Address: 107 Huntfield Way Mooresville Zip: 28117
Applicant Email: 5lb4342@yahoo.com Phone: 704-746-4202 Alt. Phone: 704-746-4214
Owner Name: Brawley Woods, LLC Address: 114 Marlake Dr STE 103 Mooresville NC Zip: 28117
Owner Email: _____ Phone: 704-658-1121 Alt. Phone: _____

Property Information:

Street Address: 132 Brawley Woods Ln. Mooresville, NC 28115
Subdivision Name: Brawley Woods Section/Phase: _____ Lot Number: 19
Driving Directions: main street, Right on Linwood, Left on Brawley Woods Ln, Lot is on the Right

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 3 BB
Maximum Number of Occupants: 4
( ) 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: _____
(X) 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 (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?
( ) 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: _____ 3/15/18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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, Brawley Woods, LLC, am the legal owner(s) of the property located at 132 Brawley Woods Ln., identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

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

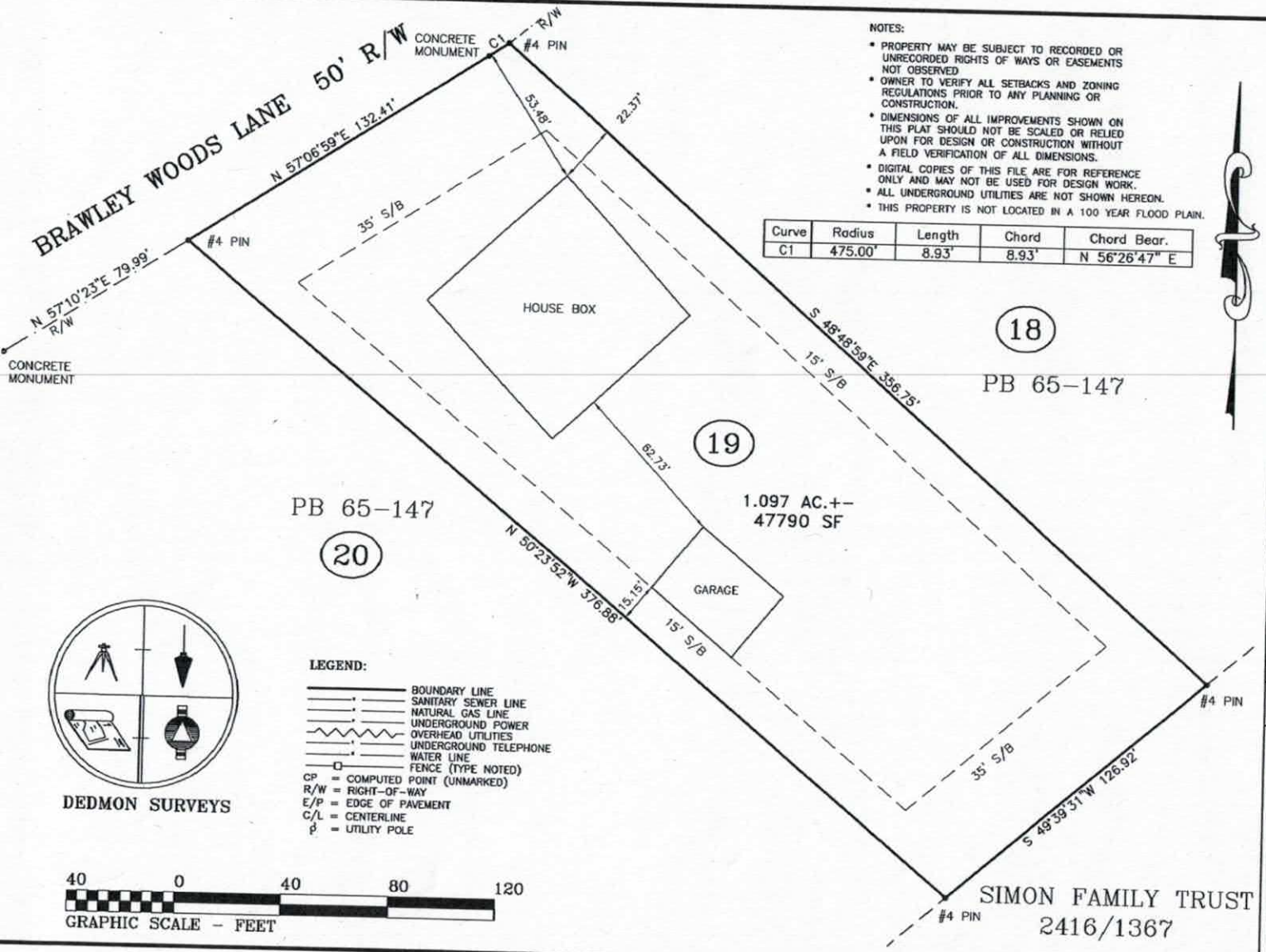
Signature of Owner(s) — Date: 3/15/18

Signature of Witness — Date: 3/17/18

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



NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- THIS PROPERTY IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN.

Curve	Radius	Length	Chord	Chord Bear.
C1	475.00'	8.93'	8.93'	N 56°26'47" E

DEDMON SURVEYS

LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
ø = UTILITY POLE

40 0 40 80 120
GRAPHIC SCALE - FEET

PHYSICAL SURVEY FOR

KENNETH & SUSAN BROWN

LOT #19 OF BRAWLEY WOODS PHASE 2
132 BRAWLEY WOODS LN - MOORESVILLE NC

CODDLE CREEK TOWNSHIP - IREDELL COUNTY
SCALE: 1" = 40'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

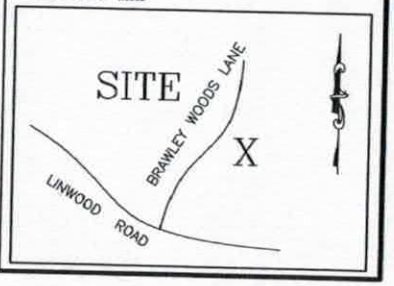
NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR DAVID C. POOVEY

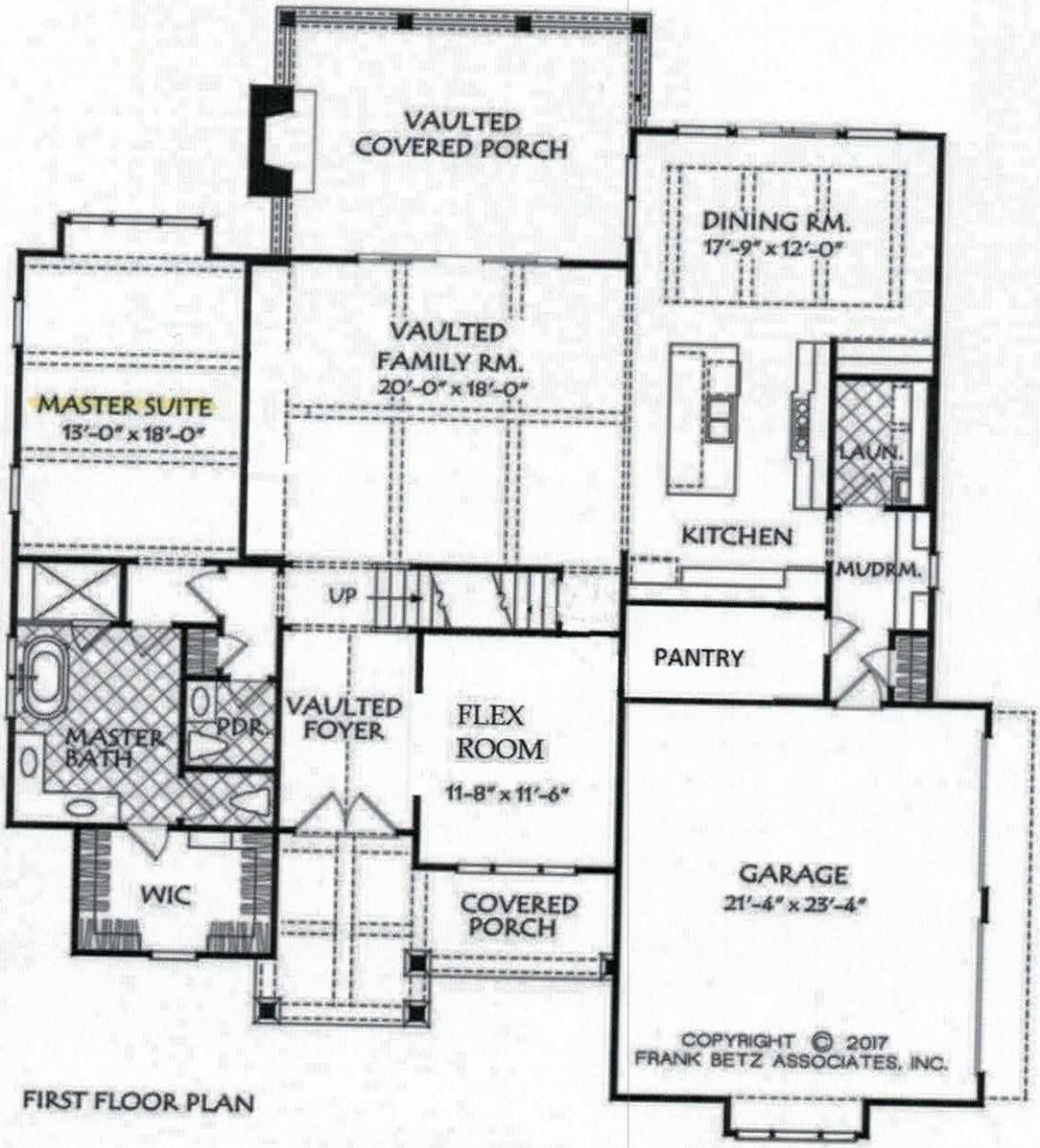
I, DAVID C. POOVEY, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 2436, PG 563)(PB 65, PG 147; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 21 DAY OF MARCH, AD 2018.

PROFESSIONAL LAND SURVEYOR — L-3762 LICENSE NO.

SURV. BY: KJ	DRAWN: CP	JOB# K2BW19

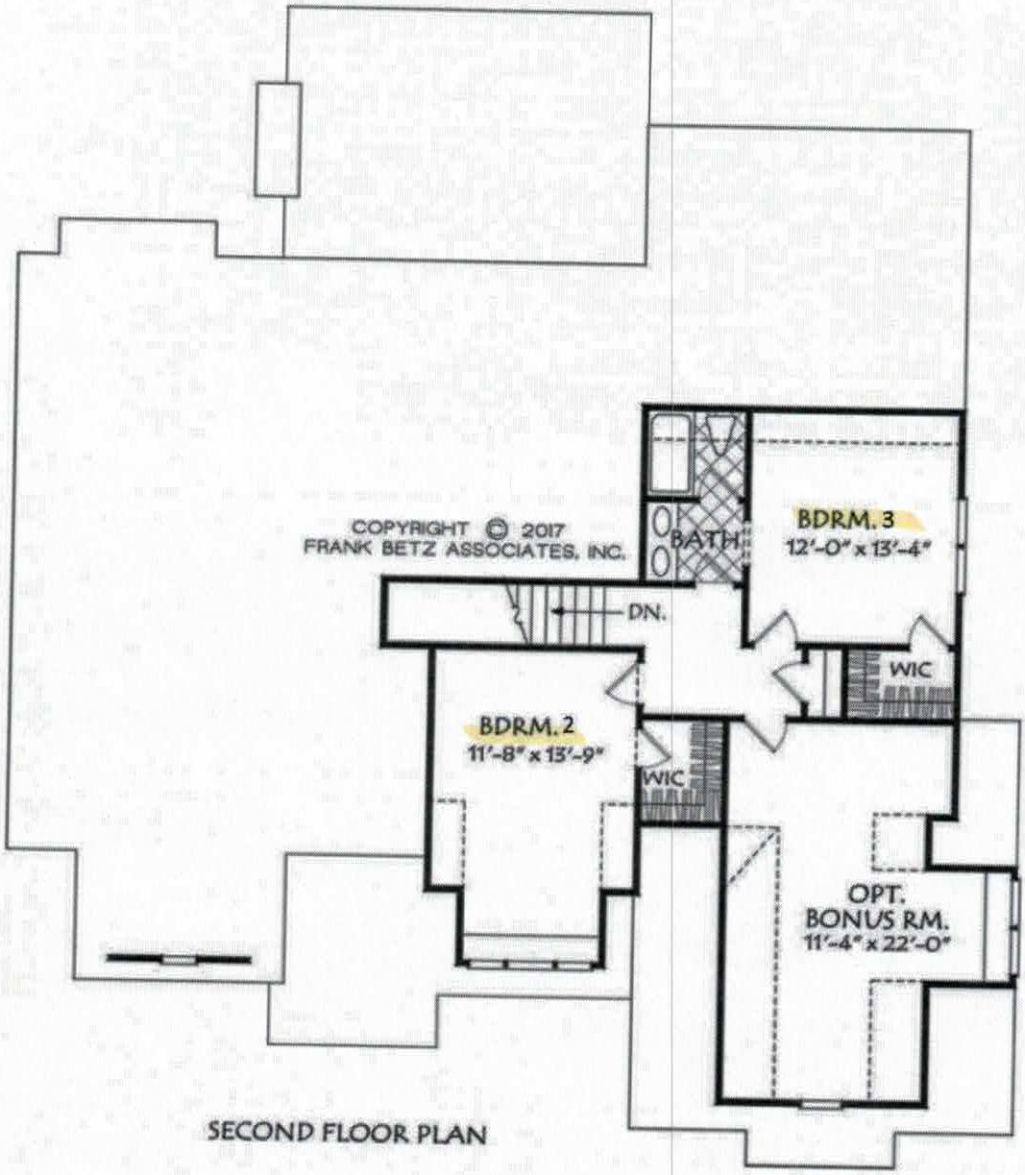
VICINITY MAP





FIRST FLOOR PLAN

Acknowledgement Of
Plans Submittal ONLY!
Date 4-4-18
Date 4/4/18



SECOND FLOOR PLAN

Acknowledgement Of
Plans Submittal ONLY!
Date 4-4-18
Date 4/4/18

Embry Hill House Plan Details

Square Footage

Square Footage Total	2599
First Floor	2011
Second Floor	588
Garage	526

Dimensions

Width	58' - 0"
Depth	72' - 8"
Height	28' - 6"
Main Roof Pitch	10/12

Room Dimensions (ft-ins)

Dining	17-9 x 12-0 x 10-0
Foyer	8-0 x 12-0
Screened Porch	18-0 x 12-0 x 16-0
Master Bedroom	13-0 x 18-0 x 9-0
Flex Room	11-8 x 11-6 x 9-0
Bedroom 3	12-0 x 13-4 x 8-0
Master Closet	11-4 x 7-2 x 9-0
Kitchen	12-0 x 15-6 x 9-0
Family Room	20-0 x 18-0 x 16-0
Laundry	5-6 x 7-6 x 9-0
Porch	20-0 x 14-0 x 12-0 Vaulted
Bedroom 2	11-8 x 13-9 x 9-0
Master Bath Room	9-8 x 15-8

Acknowledgement Of
Plans Submittal ONLY!
Date 4-4-18
Date 4/4/18