ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 316967

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

PIN # 4654 75 2919

APPLICANT/OWNER: Legacy Constructors | APPLICANT ADDRESS: 4542 Ivy Run Ln Denver, NC 28037

SITE ADDRESS: 141 Castle view Ln Mooresville, NC | PHONE: 980 297-2787 | ALT. PHONE

SITE DIRECTIONS: Hwy 115 S TL Presbyterian TR Sink Farm TR Buckingham TR Manordy TL Castle View

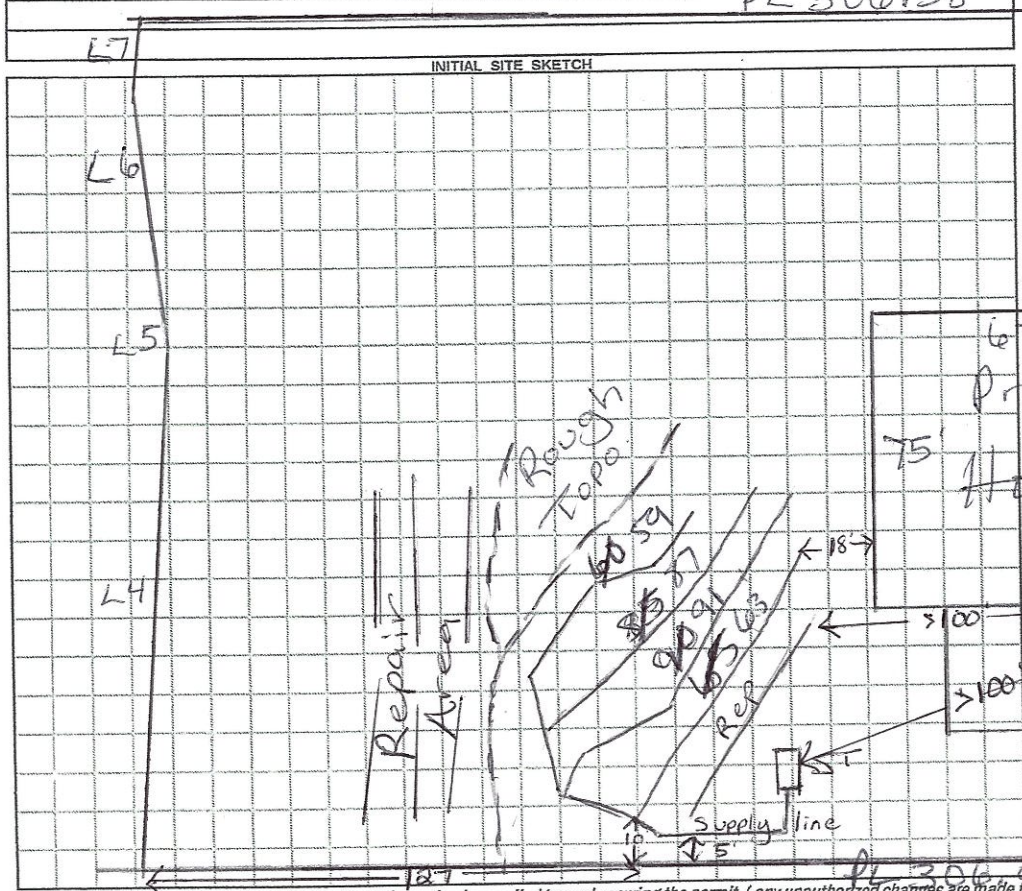
SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Davidson Downes | SECTION: IV | LOT # 152 | LOT AREA: | DESIGN FLOW: 360gpd | L.T.A.R.:

Septic Tank	1000 (gal)	STB 760	Date 9/18/21	[X] New System [ ] Repair [ ] Expansion	System Type: I II III IV V VI	[X] Residence	No. Bedrooms 3	Water Supply
Pump Tank	(gal)	PT	Date	System Description: Gravity - 25% Reduction		[ ] Business	No. Persons 6	[X] Private
Pump Make		Model	Serial #	Repair System Description: LPPBPS		[ ] Other	No. Employees	[ ] Public
# Nitrification Fields 1		# Lines 4	Linear Ft 400	Maintenance Agreement Required:	[ ] YES [X] NO	[ ] Slab	[X] Crawl Space	[ ] Community
Trench Width 36"		Trench Bottom Depth(Low side) 26"/30" high	Gravel Depth N/A		[X] GRAVITY [ ] PRESSURE	[ ] Basement w/ plumbing	[ ] Basement w/o plumbing	

Comments / Conditions: Side PL 306.58 | Must keep well 100ft from Septic

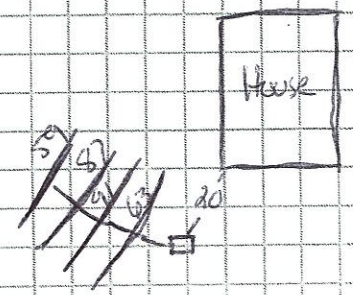
INITIAL SITE SKETCH



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.

Scale 1:50



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.* [X] IMPROVEMENT PERMIT *with site plan valid for 60 mos.* [X] AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

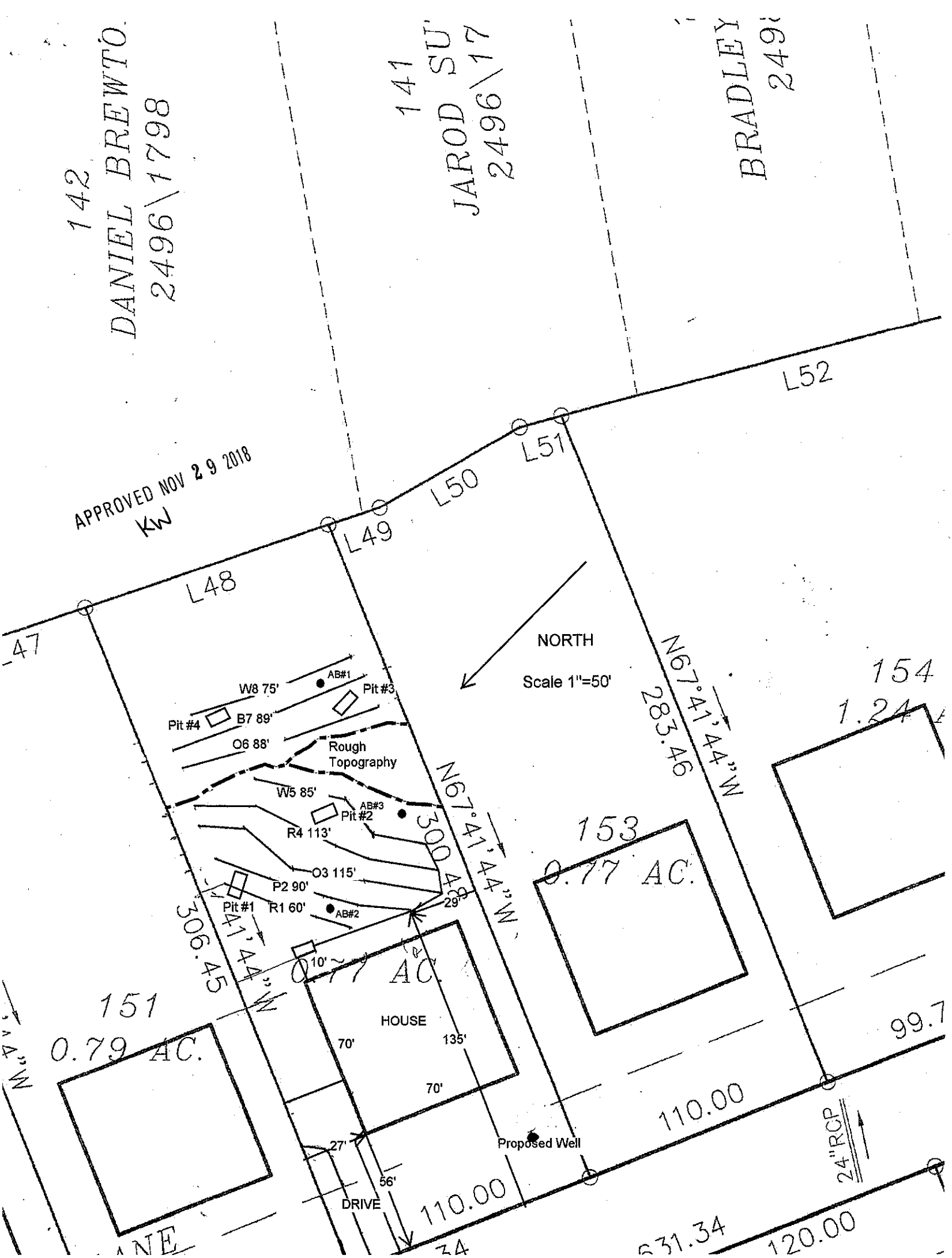
Owner / Applicant Signature:

IMPROVEMENT PERMIT by: Maria Dolson | Date: 4-30-21 | Installed by: Rowan Septic

AUTHORIZATION TO CONSTRUCT by: Maria Dolson | Date: 4/29/21 | OPERATION PERMIT by: Cory White | Date: 11/24/21

Date: 4/29/21 | Existing System Inspected by: | Date:

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


142
DANIEL BREWTO.
2496\1798
141
JAROD SU
2496\17
BRADLEY
249
L52
L51
L50
L49
L48
APPROVED NOV 29 2018
KW
NORTH
Scale 1"=50'
W8 75'
AB#1
Pit #3
Pit #4
B7 89'
O6 88'
Rough
Topography
W5 85'
AB#3
Pit #2
R4 113'
O3 115'
P2 90'
Pit #1
R1 60'
AB#2
N67°41'44"W
283.46
N67°41'44"W
300.43
N41°44'44"W
306.45
154
1.24
153
0.77 AC.
151
0.79 AC.
0.77 AC.
HOUSE
70'
135'
70'
10'
29'
27'
56'
DRIVE
Proposed Well
110.00
110.00
24"RCP
99.7
631.34
120.00

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

PROPERTY ID #: TBD; Castleview Lane; Lot 152 Davidson Downes IV
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Ray Development APPLICATION DATE
ADDRESS: 463 Mariner Lane Denver, NC 28037 DATE EVALUATED: 10/2018
PROPOSED FACILITY: 4 bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 gpd PROPERTY SIZE: 0.77 Acres
LOCATION OF SITE: Castleview Lane Mooresville, NC 28115 PROPERTY RECORDED: To be recorded
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: X Auger Boring X 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	PROFILE CLASS & LTAR
AB 1	LS 10-11%	0"-7"	Br L WSBK	SS SP FR SEXP		34"	Few to common saprolite inclusions 25"-34". PS	None	0.3+
		7"-25"	R C SBK	SS SP FR SEXP					
		25"-34"	R CL WSBK	SS SP FR SEXP					
		34"-48"	V L Saprolite M	SS SP FR SEXP					
AB 2	LS 10-11%	0"-9"	RBr CL WSBK	SS SP FR SEXP		48"	Few to common saprolite inclusions 22"-48".	None	0.3+
		9"-33"	R C SBK	SS SP FR SEXP					
		22"-48"	R CL WSBK	SS SP FR SEXP					
AB 3	LS 10-11%	0"-11"	Br SCL WSBK	SS SP FR SEXP		48"	Few to common saprolite inclusions 28"-48".	None	0.3
		11"-28"	R C SBK	SS SP FR SEXP					
		28"-48"	R CL WSBK	SS SP FR SEXP					
Pit 1	LS 10-11%	0"-9"	RBr CL WSBK	SS SP FR SEXP		48"	Few to common saprolite inclusions 31"-41". PS	None	0.3+
		9"-31"	R C SBK	SS SP FR SEXP					
		31"-41"	R CL WSBK	SS SP FR SEXP					
		41"-72"	V L Saprolite M	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 ft2	936 ft2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

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

COMMENTS:

APPROVED NOV 29 2018 KW

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

PROPERTY ID #: TBD; Castleview Lane; Lot 152 Davidson Downes IV
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM Cont.

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	
Pit 2	LS 10-11%	0"-9"	Br SCL WSBK	SS SP FR SEXP		44"	Few saprolite inclusions 9"-30" Few to common saprolite inclusions 30"-44". PS	None	0.3+
		9"-30"	RBr C SBK	SS SP FR SEXP					
		30"-44"	R CL WSBK	SS SP FR SEXP					
		44"-72"	V L Saprolite M	SS SP FR SEXP					
Pit 3	LS 10-11%	0"-4"	Br L WSBK	SS SP FR SEXP		30"	Few to common saprolite inclusions 20"-30".	None	0.3+
		4"-20"	R C SBK	SS SP FR SEXP					
		20"-30"	R CL WSBK	SS SP FR SEXP					
		30"-72"	V L Saprolite M	SS SP FR SEXP					
Pit 4	LS 10-11%	0"-11"	Br SCL WSBK	SS SP FR SEXP		48"	Few to common saprolite inclusions 34"-48".	None	0.3
		11"-34"	R C SBK	SS SP FR SEXP					
		34"-48"	R CL WSBK	SS SP FR SEXP					
		48"-72"	V L Saprolite M	SS SP FR SEXP					

APPROVED NOV 29 2018
KW



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

LICENSED SOIL SCIENTIST
MICHAEL ATHANAS
1252
STATE OF NORTH CAROLINA

Reference: Data Sheet for Lot 152 Davidson Downes Phase IV; Castleview Lane; Iredell County, NC

House Footprint: 70'x70'
Building Setback: 35' Front, 10' Side,
Water Source: Private Well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 gpd/ft2
Suggested System Type: 25% Reduction
Repair System Type: PPBPS
Distribution: Gravity
Trench Bottom: 30"
Septic/ Pump tank size: 1000 ST

Line	Design Length	Repair Length	Actual Length
Red 1		60'	60'
Pink 2	**90'**		**90'**
Orange 3	**115'**		**115'**
Red 4	**110'**		**113'**
White 5	**85'**		**85'**
Orange 6		88'	88'
Blue 7		89'	89'
White 8		75'	75'

Initial System: 400' 25% Reduction
Repair System: 312' PPBPS

Comments:
The purpose of this evaluation is to permit the property for a 4-bedroom residence.

- The proposed house site has been staked by the surveyor using stakes with white tape.
- The system should be kept out of the area indicated on the site plan as rough topography.

APPROVED NOV 29 2018
KW

RECEIVED OCT 26 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Paid $ 350.00 # 239839

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

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

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: (✓) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Ray Development Address: 4643 Mariner Ln, Denver, NC Zip: 28037

Applicant Email: _____ Phone: Chris-980-297-2787 Alt. Phone: _____

Owner Name: Same Address: _____ Zip: _____

Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 135 Castleview Ln

Subdivision Name: Davidson Downs Section/Phase: _____ Lot Number: 152

Driving Directions: _____

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

CHECK FOUNDATION TYPE

(✓) 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: _____
( ) 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: _____ 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 ( ) 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: _____ 10/25/2018
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, Chris Mozeley, am the legal owner(s) of the property located at Davidson Downs Lot 152, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Michael Athanas & Associates, _____, 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
	10/25/2018		

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

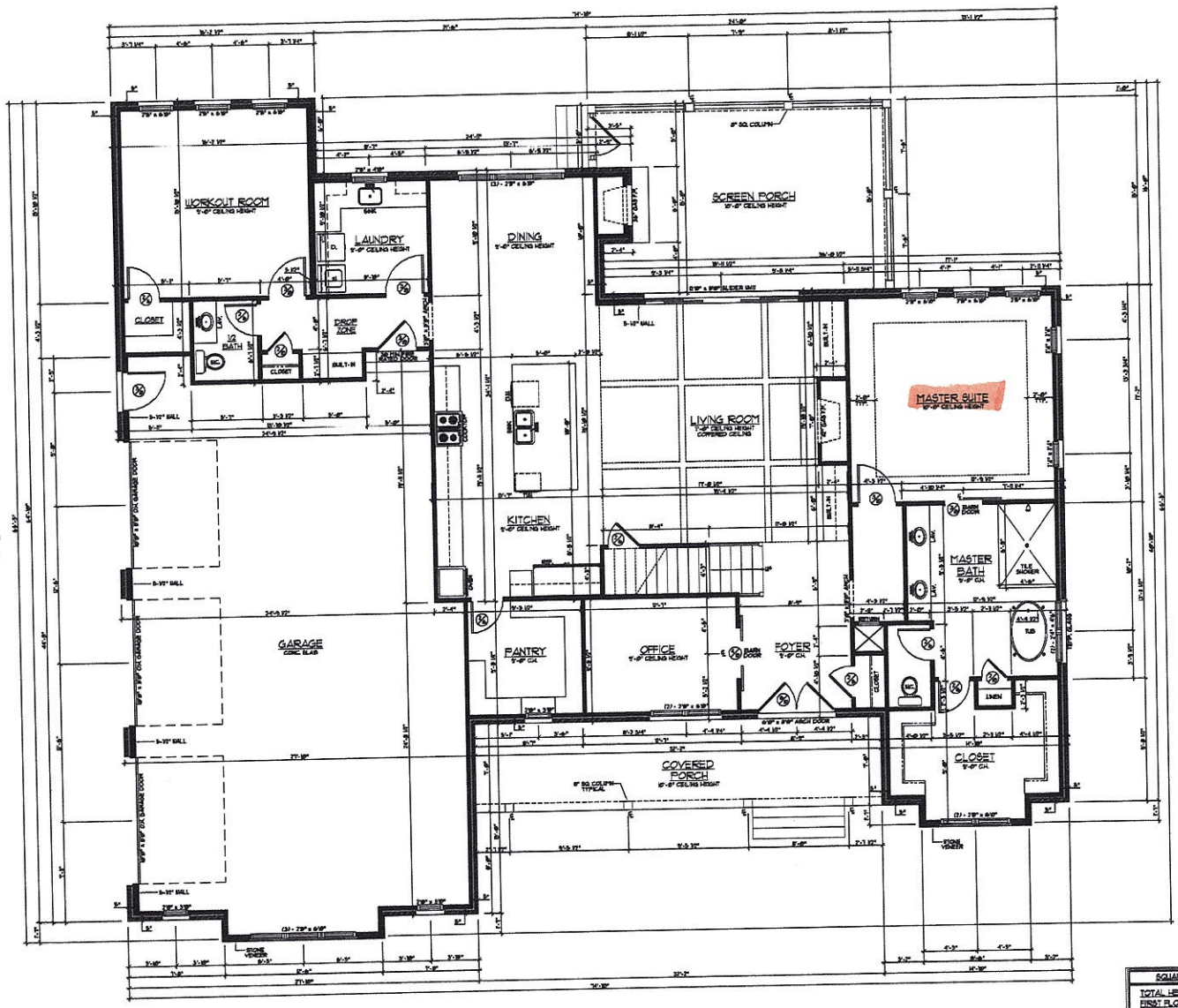
Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Acknowledgement of Plans Submittal ONLY!

Date 4-21-21

Date 4/29/21

66'-5"



FIRST FLOOR PLAN

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

2,422 Sq. Ft.

74-10

SQUARE FOOTAGE CALCULATIONS	
TOTAL HEATED Sq. Ft.	3,735 Sq. Ft.
FIRST FLOOR	2,422 Sq. Ft.
SECOND FLOOR	1,313 Sq. Ft.
COVERED PORCH	228 Sq. Ft.
SCREEN PORCH	335 Sq. Ft.
GARAGE	1163 Sq. Ft.

Carlson Residential Design & Civil Services

T.A. CARLSON DESIGN CONCEPTS

Phone: 704 - 467 - 1999
Fax: 704 - 782 - 1999
www.ta-designconcepts.com
Email: tac@ta-designconcepts.com

MR. & MRS. GIFFIN

REVISION NO.	
JOB NO.	
DRAWN BY:	T.A.H.
CHECKED BY:	T.A.H.
SCALE:	3/4" = 1'-0"
DATE ISSUED:	1-28-2021

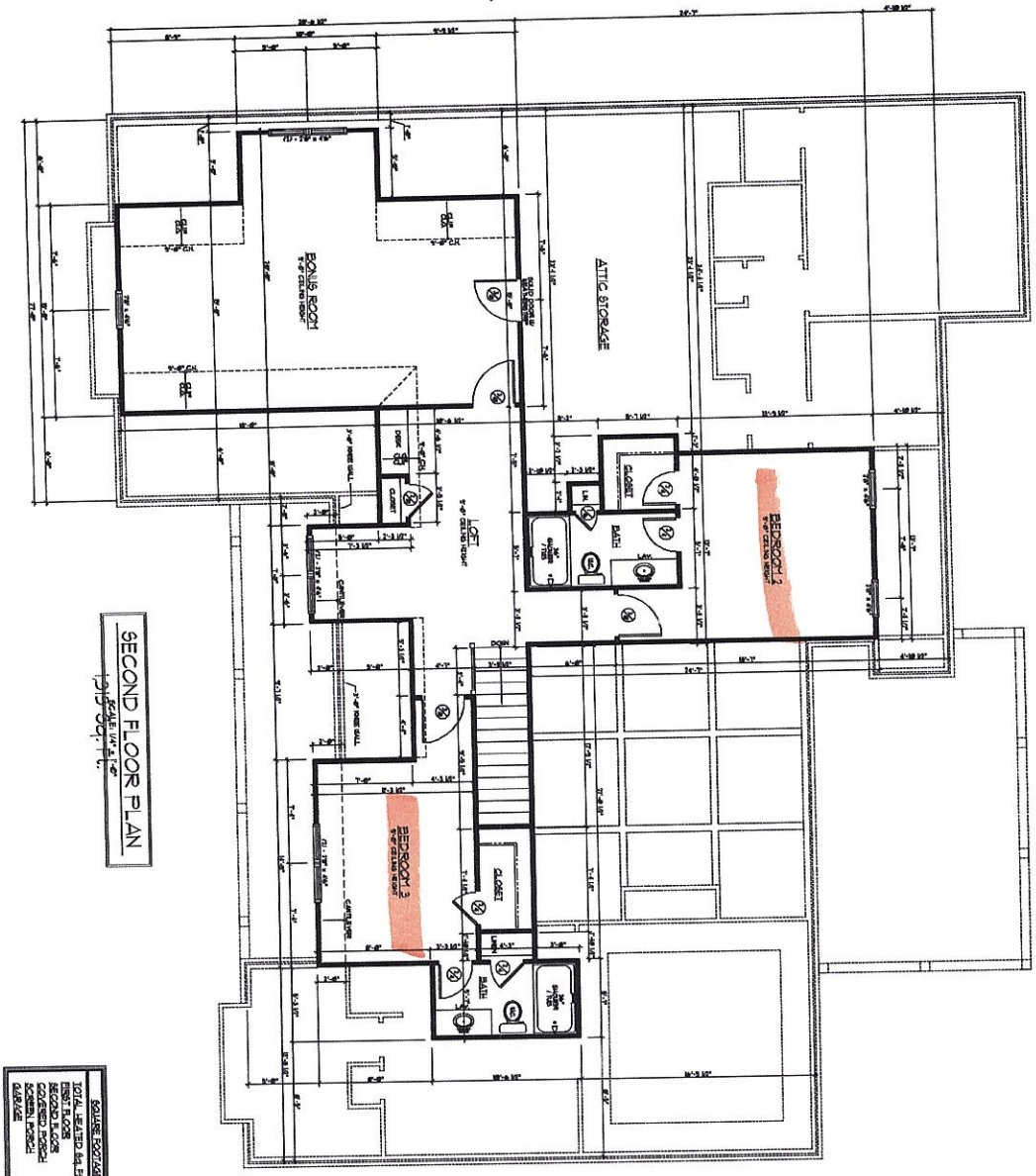
FIRST FLOOR PLAN

A4

Acknowledgement of
Plans Submittal ONLY!

Date 4-21-21

Date 9/29/21



SECOND FLOOR PLAN

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

SQUARE FOOTAGE CALCULATIONS

TOTAL HEATED SQ. FT.	3,309 SQ. FT.
FIRST FLOOR	2,662 SQ. FT.
SECOND FLOOR	283 SQ. FT.
COVERED PORCH	364 SQ. FT.
SCREENED PORCH	330 SQ. FT.
GARAGE	1,863 SQ. FT.

A5	
SECOND FLOOR PLAN	
DATE ISSUED:	10/26/21
SCALE:	1/4"=1'0"
CHECKED BY:	T.A.H.
DRAWN BY:	T.A.H.
JOB NO.	
REVISION NO.	

MR. & MRS. GIFFIN

Custom Residential Design & Cad Services
THDC
TRAVIS HART SEELE DESIGN CONCEPTS
www.th-designconcepts.com
Phone: 704 - 467 - 1899
Fax: 704 - 368 - 2634
Email: thele@th-designconcepts.com

IREDELL COUNTY · NC

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

APPLICATION NUMBER
316967
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4654752919.000	141 CASTLEVIEW LN	Iredell County

Owner Information	Applicant Information
Name: RAY DEVELOPMENT LLC	Name: LEGACY CONSTRUCTORS LLC
Address: C/O R C MOZELEY	Address: 4542 IVY RUN LN
4542 IVY RUN LN	
DENVER, NC 28037	DENVER, NC 28037
Phone:	Phone: (704)966-1231

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.534	35	35	15	15	N/A	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: 04/20/2021

Signature of Owner/Contractor

Permit Number	316967	TOTAL FEES:	$77.25