ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 32704/2

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

PIN # 4678 -- 21 -- 7627

APPLICANT/OWNER: Edwin Stott/Caruso Homes | APPLICANT ADDRESS: 216 S Swing Rd Suite I Greensboro, NC 27409

SITE ADDRESS: 726 Wiggins Rd Mooresville NC | PHONE: 336-344 4008 | T. PHONE: --

SITE DIRECTIONS: Oak Ridge Farm Hwy @ onto Wiggins. Property on Left | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Wiggins Walk | SECTION: - | LOT # 2 | LOT AREA: 1.04 Ac | DESIGN FLOW: 480 | L.T.A.R.: .275

Septic Tank	1000 (gal)	STB	760	Date	1/10/23	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms 4
Pump Tank	1000 (gal)	PT	363	Date	12/8/22	System Description: Pump to Serial - 25% Reduction		[ ] Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description: Pump to Serial - 25% Reduction		[ ] Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	440	Maintenance Agreement Required: [ ] YES [X] NO		[ ] Slab	[X] Crawl Space
Trench Width	36in	Trench Bottom Depth(Low side)	30in	Gravel Depth	-	[ ] GRAVITY [X] PRESSURE		[ ] Basement w/ plumbing	[ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions:

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:

Piedmont Environmental Associates, PA.

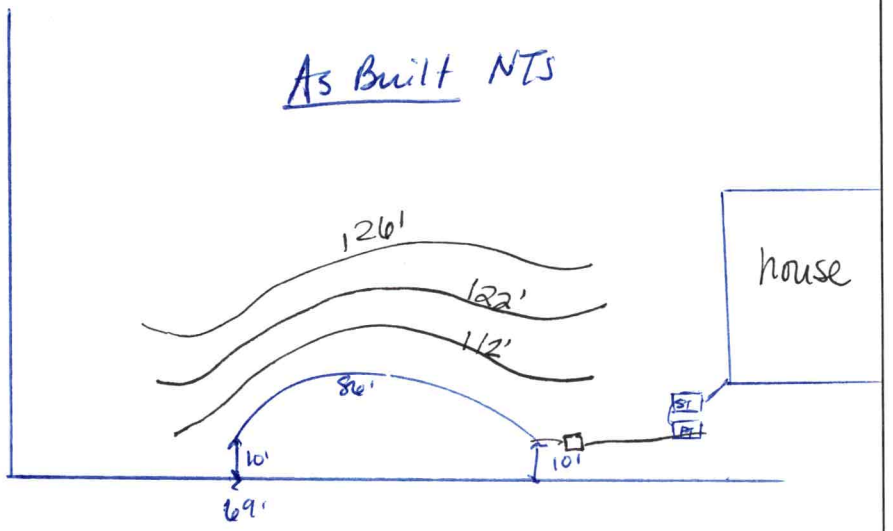
LSS # 1229 Dated March 9, 2022

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.

2/16 < tanks D&S upper line

2/20 lines, plumbing



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: [signature] Date: 6/24/22 | Installed by: Specialty Septic

IMPROVEMENT PERMIT by: [signature] Date: 4/6/2022 | OPERATION PERMIT by: Sarah Bracken Date: 5/11/23

AUTHORIZATION TO CONSTRUCT by: [signature] D. Mabery Date: 5/25/22 | Existing System Inspected by: Date:

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

PRELIMINARY FOR REVIEW ONLY

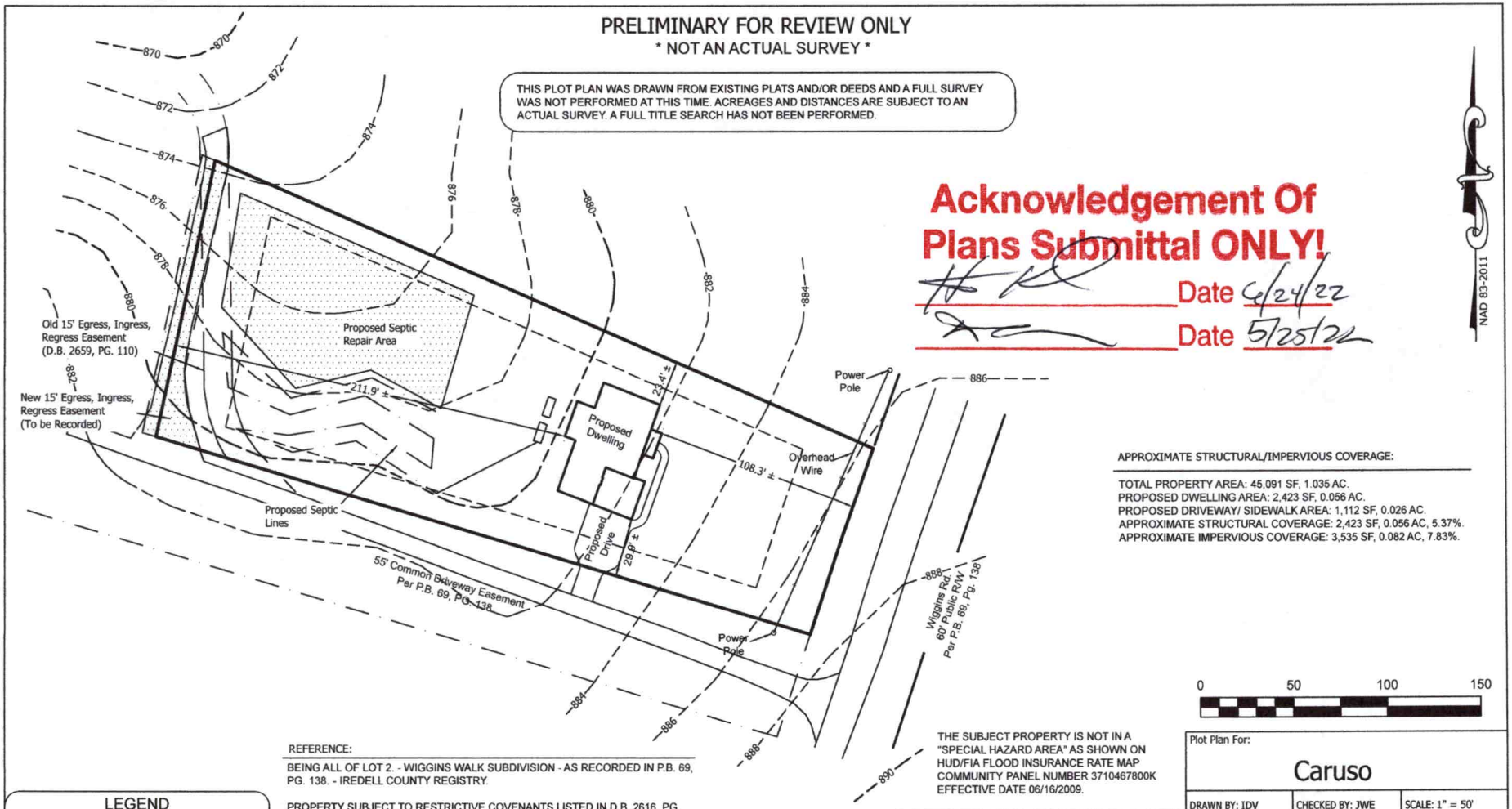
* NOT AN ACTUAL SURVEY *

THIS PLOT PLAN WAS DRAWN FROM EXISTING PLATS AND/OR DEEDS AND A FULL SURVEY WAS NOT PERFORMED AT THIS TIME. ACREAGES AND DISTANCES ARE SUBJECT TO AN ACTUAL SURVEY. A FULL TITLE SEARCH HAS NOT BEEN PERFORMED.

Acknowledgement Of Plans Submittal ONLY!

Date 6/24/22

Date 5/25/22



NAD 83-2011

APPROXIMATE STRUCTURAL/IMPERVIOUS COVERAGE:

TOTAL PROPERTY AREA: 45,091 SF, 1.035 AC.
PROPOSED DWELLING AREA: 2,423 SF, 0.056 AC.
PROPOSED DRIVEWAY/ SIDEWALK AREA: 1,112 SF, 0.026 AC.
APPROXIMATE STRUCTURAL COVERAGE: 2,423 SF, 0.056 AC, 5.37%.
APPROXIMATE IMPERVIOUS COVERAGE: 3,535 SF, 0.082 AC, 7.83%.

0 50 100 150

LEGEND	
FY	FRONT YARD SETBACK
RY	REAR YARD SETBACK
SY	SIDE YARD SETBACK
R/W	RIGHT OF WAY
P.B.	PLAT BOOK
D.B.	DEED BOOK
PG.	PAGE

REFERENCE:

BEING ALL OF LOT 2. - WIGGINS WALK SUBDIVISION - AS RECORDED IN P.B. 69, PG. 138. - IREDELL COUNTY REGISTRY.

PROPERTY SUBJECT TO RESTRICTIVE COVENANTS LISTED IN D.B. 2616, PG. 670, D.B. 2659, PG. 1010.

PROPERTY IS SUBJECT TO ANY AND ALL ZONING AND PLANNING ORDINANCES, EASEMENTS, RIGHTS-OF-WAY, AND RESTRICTIONS OF RECORD.

SETBACKS:

PROPERTY CURRENTLY ZONED: RA (IREDELL COUNTY)

PROPERTY SUBJECT TO A 35' FRONT YARD (FY), 15' SIDE YARD (SY) & 35' REAR YARD AS PER IREDELL COUNTY ZONING ORDINANCE.

PROPERTY LIES WITHIN WATERSHED OF "WS-II BW".

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3710467800K EFFECTIVE DATE 06/16/2009.

JORDAN GRANT

ENGINEERING • SURVEYING • PLANNING

JORDAN GRANT & ASSOCIATES, PLLC

P.O. BOX 151 * STATESVILLE, NC 28687

Matt.Grant@jordan-grant.com (704) 928-7919

FIRM # P-1227

Plot Plan For:

Caruso

DRAWN BY: IDV	CHECKED BY: JWE	SCALE: 1" = 50'
PIN NO: 4678-21-7627		
DEED REF: 2899 - 141		
DATE OF MAP: 12-23-21	SURVEY DATE: 12-21-21	
REVISION: 05-17-22	DRAWING FILE: 20211237_05-17-22	

726 Wiggins Rd., Mooresville, NC 28117

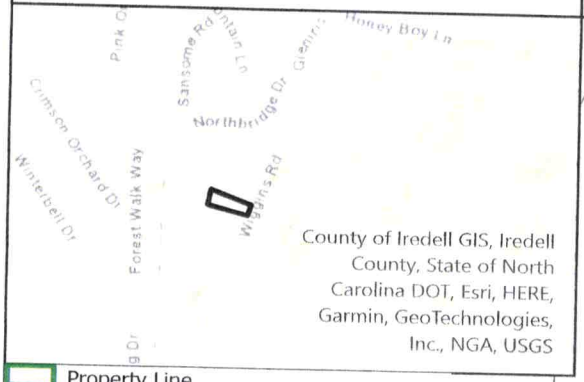
Coddle Creek Twsp - Iredell County - North Carolina

PIEDMONT ENVIRONMENTAL ASSOCIATES, P A

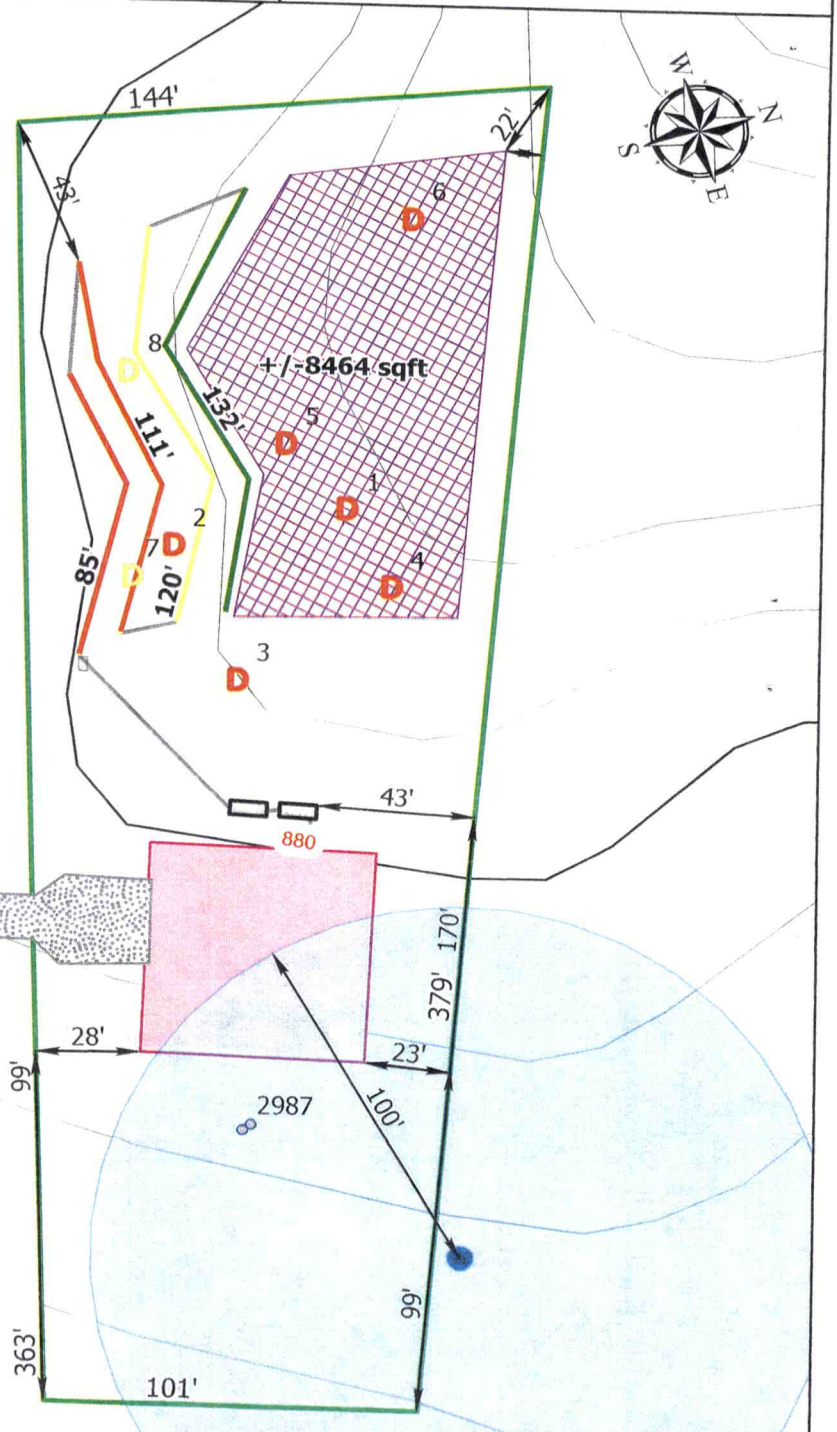
Layout Diagram/Site Plan - 726 Wiggins Road (Lot 2)

216 S. Swing Rd. Suite 1
Greensboro, NC 27409
piedmontsoil.com

Job# 2987
Date: 3/9/2022
Client: Caruso Homes
County: Iredell







LICENSED SOIL SCIENTIST
ROBERT EDWIN STOTT, II
1229
STATE OF NORTH CAROLINA

MAP NOT VALID
WITHOUT REPORT

Septic System Layout Specifications

Lot 2 Wiggins Walk

Piedmont Environmental Associates Job # 2987

Layout for a 4-BR home

LINE #	FLAG COLOR		FLAGGED LINE LENGTH (ft)	DESIGN LINE LENGTH (ft)	Chambers Needed
TBM INSTR. 1					
1	red		85	84	21
2	orange		111	108	27
3	yellow		120	120	30
4	green		132	128	32
		Total:	448	440	

	DESIGN LINE LENGTH (ft)	SOIL LTAR GPD/FT^2	SYSTEM TYPE	DESIGN LTAR GPD/FT^2	DISTRIBUTION MEDIA	DISTRIBUTION METHOD	DESIGN FLOW (GPD)
System	440	0.275	Accepted	0.344	Q4 Chamber	Pump to serial	480
Repair	****	0.25	Accepted	0.3125	Q4 Chamber	Pump to Serial	480

****REPAIR BASED ON SQUARE FOOTAGE. RULE .1945 MET

Notes: **All measures in feet.

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

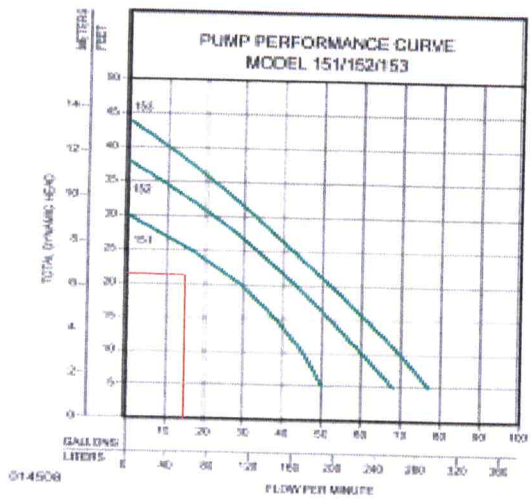
** Soil evaluated by LSS

** Laid out on 9-foot centers on contour

Pump Sizing Sheet, Pump to Serial Distribution

Lot2 Wiggins Walk

Site Information		
Bedrooms:	4	
LTAR:	0.275	
Daily Flow (gpd):	480	
25% Reduction?	YES	
Trench Length (ft):	440	
Septic Tank Size (gal):	1000	
Pump Tank Size (gal):	1000	
Supply Line Length (ft):	60	
Supply Line Dia. (in):	1.5	
Total Design Flow:	480	
Total Drainfield Length:	440	
4" Pipe:	0.65079	
Total Drainfield Vol.:	286.35	
Percent of Dose Vol.:	0.66	(from .1900 rules)
Dosing Vol. (gal):	189.0	
Pump Tank (gal/in):	21.0	(average)
Drawdown (in):	9.0	
Ground Elev. at Pump Tank (ft):	880	
Pump Tank Install Depth (ft):	1	
Pump Tank Elevation (ft):	879	
Pump Elev. Difference (ft):	5	(typical configuration)
Pump Elev. (ft):	874	
Elev. of Highest Drainline (ft):	880	
Elev. Head (ft):	**6.0**	
Friction Head (ft):	**0.91**	
Pressure Head (ft):	**0.0**	
Total Dynamic Head:	**6.9**	
TDH Capacity (ft):	**6.9**	
Flow Capacity (GPM):	**13**	(typical value)
Pump Run (min./dose):	**14.54**	
Recommended Pump:	**Zoeller Model 151**	**or approved equivalent**
Anti-Siphon Hole Required		



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PIEDMONT ENVIRONMENTAL ASSOCIATES, P.A.

March 9, 2022 Project # 2987

Iredell County Public Health
Environmental Health Section
Attn: Environmental Health Director or Program Specialist

To whom it may concern,

In accordance with Regulatory Reform Act of 2018; Session Law 2018-114 Sections 9 through 12, this statement is submitted respectfully to satisfy signed and dated statement requirement from the property owner or owner's legal representative:

"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)."

Sincerely,

DocuSigned by:
Mike Davis
F6E3E714E86A457...

Mr. Mike Davis, Caruso Homes

216 S. Swing Rd., Suite 1 Greensboro, NC 27409 (336) 260-3564

Table of Contents:

Document	Page
SL 114 Soils Report	1-3
Setbacks	4
Site/System Summary	5
Landowner/LSS Statement	6
Soil Map/Site Plan	7
Soil Profile Descriptions	8
System Specifications	9-10

March 9, 2022 Project # 2987

Caruso Homes
Mike Davis
2120 Baldwin Ave, Suite 200
Crofton, NC 21114

RE: SL 114 Soil Report, Property Located at 726 Wiggins Road, Iredell County, PIN: 4678217627 (Approx. 1.04 acres), Lot 2 Wiggins Walk

Dear Mr. Davis,

This report details the findings of a detailed site and soil evaluation performed on the property described above. The evaluation was conducted at the clients request in order to determine the site's suitability for the installation of sub-surface wastewater disposal systems to serve domestic strength wastewater for a four-bedroom single family residence using conventional or accepted type wastewater disposal systems.

The evaluation was conducted during moist soil conditions with the use of hand auger. Characteristics that affect the suitability of sub-surface systems include soil depth to expansive clay, seasonal high-water table, rock, and unusable saprolite. Topography and slope also affect the suitability of an area for septic systems. The evaluation of these components was conducted on the site in accordance with 15A NCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". This report is intended to fulfill the requirements for a permitting process described in S.L. 2018-114 section 11(c). Criteria for this application process are given below:

§ 130A 335. Wastewater collection, treatment and disposal; rules
(a1) Any proposed site for a residence, place of business, or a place of public assembly located in an area that is not served by an approved wastewater system for which a new wastewater system is proposed or repair is necessary for compliance may be evaluated for soil conditions and site features by a person licensed pursuant to Chapter 89F of the General Statutes as a licensed soil scientist. For purposes of this subsection, "site features" include topography and landscape position; soil characteristics (morphology); soil wetness; soil depth; restrictive horizons; available space; and other applicable factors that involve accepted public health principles. A person licensed pursuant to Chapter 89E of the General Statutes as a licensed geologist may evaluate the proposed site or repair area, as applicable, for geologic and hydrogeologic conditions.
(a2) Evaluations conducted by a licensed soil scientist or a licensed geologist pursuant to subsection (a1) of this section to produce design and construction features for a new proposed wastewater system or a proposed repair project for an existing wastewater system, including the

addressing of any special hydrologic conditions that may be required under the applicable rules for an authorization to construct or for permitting, shall be approved by the applicable permitting authorities under G.S. 130A 336 and G.S. 130A 336.1, provided both of the following conditions are met:

(1) The evaluation of soil conditions, site features, or geologic and hydrogeologic conditions satisfies all requirements of this Article. The evaluation shall not cover areas outside the scope of the applicable license.

(2) The licensed soil scientist or licensed geologist conducting the evaluation maintains an errors and omissions liability insurance policy issued by an insurer licensed under Chapter 58 of the General Statutes in an amount commensurate with the risk.

Findings

Soils in the proposed area were found to be provisionally suitable with a recommended LTAR of 0.275 gpd/ft^2 for the primary and 0.25 gpd/ft^2 for the repair area. Augers were used at first and the site was found to be shallow to saprolite. A backhoe was brought in to evaluate the saprolite. Since this is a saprolite system, the minimum setback to any well is 100 feet. A layout was performed on site and yielded enough line for a four-bedroom chamber type primary and repair wastewater system. This system would need a trench depth of 30 inches. **Please note that mechanical grading or traffic over the drainfield area is strictly prohibited**. **Traffic over the drainfield area could render the site unsuitable. Take every possible precaution to protect and preserve the wastewater disposal area.**

Design flow with residential systems utilizes the number of bedrooms and assumes no more than two residents per bedroom at 60 gallons per resident or 120 gallons per bedroom. This is how the design flow of 480 gallons per day is calculated. The wastewater system is designed to handle a *maximum* flow of 480 gallons per day. This flow should not be maintained for any sustained length of time or oversaturation can occur in the trenches. An average daily water usage of 50% is recommended for peak performance. **No garbage disposals should be added to the wastewater stream.** Water softener waste should not be added to the wastewater stream. Fats, oils and greases or FOG should not be added to the wastewater stream and can cause premature failure. Dispose of fats, oils, greases and garbage properly in household waste. There should be no traffic over the wastewater system area. Piedmont Environmental recommends a preconstruction conference prior to any installation to ensure that the system is placed in the correct area once the site is cleared of vegetation. Please note that mechanical clearing that is done in wet conditions or done by someone not following best management practices can render an otherwise usable site unsuitable. Piedmont Environmental Associates, PA highly recommends using a reputable septic system installer that is licensed in North Carolina to perform or oversee any clearing.

This report discusses the general location of potentially usable soils for on-site wastewater disposal and the soil and site limitations on the property that exists at the time of the evaluation. Piedmont Environmental Associates, PA ("Piedmont") provides professional consulting specializing in the practice of soil science and wastewater management. Piedmont is therefore hired for its professional opinion regarding these matters. This report is being prepared as part of a packet to obtain an improvement permit under SL114. Piedmont Environmental Associates

provides no warranty either written or implied regarding the lifespan of any type of septic system. Piedmont Environmental Associates utilizes accepted soil science practices and assigns LTAR's and proposes trench depths based on field observation, law, rule, published data and accepted practice of the profession. Piedmont Environmental Associates however cannot guarantee the life span of any type of septic system component, trench media, pretreatment device, distribution device, distribution method, or installation method as there are simply too many variables that are not within the control of Piedmont Environmental Associates.

If you have any further questions, please feel free to call. Thank you for the opportunity to serve.

Sincerely,



R. Edwin Stott, REHS, MSEH
NC Licensed Soil Scientist
Piedmont Environmental Associates

"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)."

15A NCAC 18A .1950 LOCATION OF SANITARY SEWAGE SYSTEMS

(a) Every sanitary sewage treatment and disposal system shall be located at least the minimum horizontal distance from the following:

(1) Any private water supply source, including any well or spring 100 feet;
(2) Any public water supply source 100 feet;
(3) Streams classified as WS-I 100 feet;
(4) Waters classified as S.A. 100 feet, from mean high water mark;
(5) Other coastal waters 50 feet, from mean high water mark;
(6) Any other stream, canal, marsh, or other surface waters 50 feet;
(7) Any Class I or Class II reservoir 100 feet, from normal pool elevation;
(8) Any permanent storm water retention pond 50 feet, from flood pool elevation;
(9) Any other lake or pond 50 feet, from normal pool elevation;
(10) Any building foundation 5 feet;
(11) Any basement 15 feet;
(12) Any property line 10 feet;
(13) Top of slope of embankments or cuts of 2 feet or more vertical height 15 feet;
(14) Any water line 10 feet;
(15) Drainage Systems:
    (A) Interceptor drains, foundation drains, and storm water diversions
        (i) upslope 10 feet,
        (ii) sideslope 15 feet, and
        (iii) downslope 25 feet;
    (B) Groundwater lowering ditches and devices 25 feet;
(16) Any swimming pool 15 feet;
(17) Any other nitrification field (except repair area) 20 feet;

(b) Ground absorption sewage treatment and disposal systems may be located closer than 100 feet from a private water supply, except springs and uncased wells located downslope and used as a source of drinking water, for repairs, space limitations, and other site-planning considerations but shall be located the maximum feasible distance and in no case less than 50 feet.

(c) Nitrification fields and repair areas shall not be located under paved areas or areas subject to vehicular traffic. If effluent is to be conveyed under areas subject to vehicular traffic, ductile iron or its equivalent pipe shall be used. However, pipe specified in Rule .1955 (e) may be used if a minimum of 30 inches of compacted cover is provided over the pipe.

(d) In addition to the requirements of Paragraph (a) of this Rule, sites to be used for subsurface disposal for design units with flows over 3,000 gallons per day, will require more stringent setback requirements.

March 9, 2022 Job# 2987

SL 114 - SITE/SYSTEM SUMMARY AND SPECIFICATIONS

"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)."

PERMIT SUBJECT TO REVOCATION IF DISPOSAL AREA IS DISTURBED

☒ **IMPROVEMENT PERMIT** ☒ **CONSTRUCTION AUTHORIZATION**

Applicant: Caruso Homes **Lot Number:** 2 **Subdivsion:** Wiggins Walk

County: Iredell **Pin or Tax Map Number: 4678-21-7627**

Site Address: 726 Wiggins Road

Number Bedrooms (residence): 4 **Daily Design Flow: 480**

PRIMARY SYSTEM: 25% RED. LTAR: 0.275 LINEAR FOOTAGE: 440'

TRENCH DEPTH: 30 inches on shallow side of ditch

REPAIR SYSTEM: 25% RED. LTAR: 0.25 LINEAR FOOTAGE: 480'

TRENCH DEPTH: 30 inches on shallow side of ditch

SEPTIC TANK: 1000 gal **PUMP TANK:** 1000 gal

DISTRIBUTION: pump to distribution box serial distribution at distal ends **LAST 2 INCHES OF STEPDOWNS MUST BE DUG BY HAND USE QUICK 4 INFILTRATOR PRODUCT**

Square Footage: Repair Area +/-8400 sf **Distance to property line:** 10 ft

Distance to house: 5 ft min **Distance to wells:** 100 ft min

Permit Conditions: Install on contour. Do not install during wet soil conditions. Do not clear septic area in wet conditions, keep disturbance to minimum when clearing septic area. Variation from design must be approved by LSS and Iredell County. Stepdowns must be correct height and on distal ends

Disclaimer: No warranty written or implied on any septic system. SEE REPORT.

PIEDMONT
ENVIRONMENTAL
ASSOCIATES, P.A.

March 9, 2022 Project # 2987

Iredell County Public Health
Environmental Health Section
Attn: Environmental Health Director or Program Specialist

To whom it may concern,

In accordance with Regulatory Reform Act of 2018; Session Law 2018-114 Sections 9 through 12, this statement is submitted respectfully to satisfy signed and dated statement requirement from the property owner or owner's legal representative:

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Sincerely,

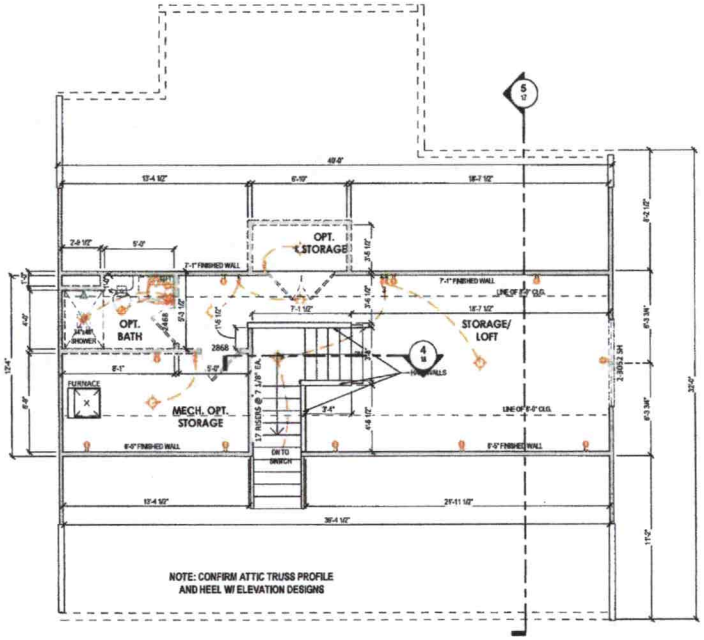
Mr. Mike Davis, Caruso Homes

216 S. Swing Rd., Suite 1 Greensboro, NC 27409 (336) 260-3564

Acknowledgement Of Plans Submittal ONLY!

Date 6/24/22

Date 5/25/22



1 Attic Floor Plan
1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

ADDITIONAL SQFT OPT. ATTIC	
Description	Area
2nd Floor Livable Additional	102 SF
Attic	458 SF

CARUSO Homes

Avenel II - 10' LH

Caruso Homes

Opt. Attic Floor Plan

Date: 12/20/21

Drawn By: RDC

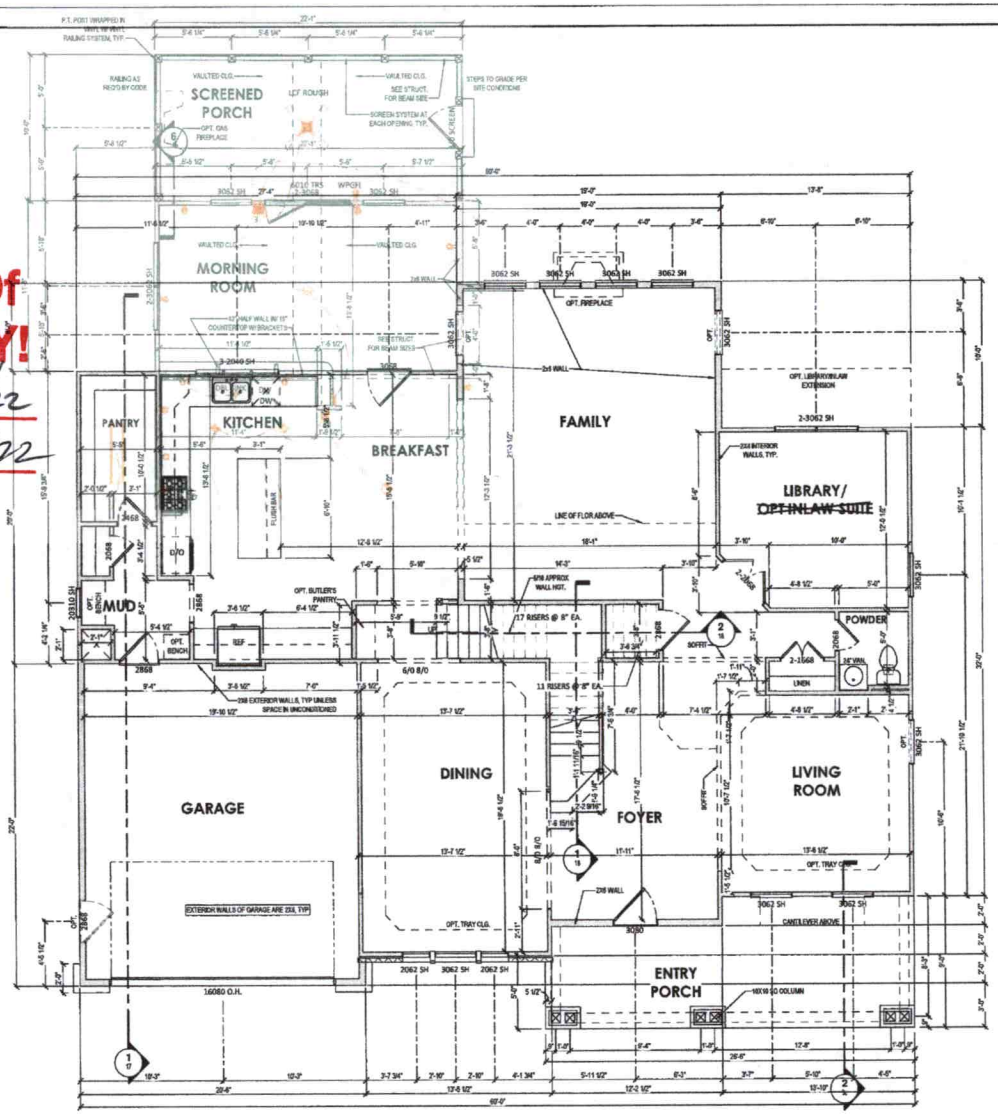
Checked By: SGM

7

Acknowledgement Of Plans Submittal ONLY!

Date 6/24/22

Date 5/25/22



1 5c **1st Floor Plan 1 Elev. 3**

1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

CARUSO Homes

Avenel II - 10' LH

Caruso Homes

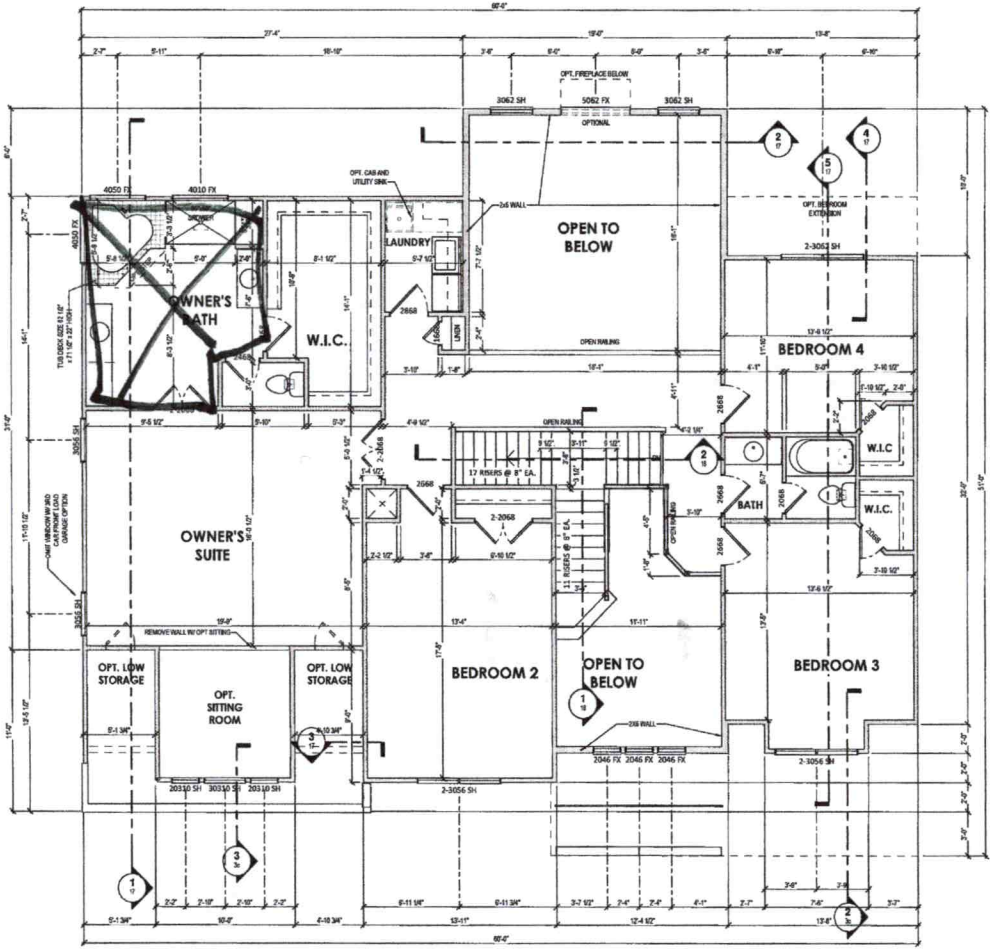
First Floor Elevation 3

Date: 12/20/21

Drawn By: RDC

Checked By: SGM

5c



1 6c 2nd Floor Plan Elev. 3
1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

2 6c OPT. FREESTANDING
1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

Acknowledgement Of Plans Submittal ONLY!

Date

Date 5/25/22

CARUSO Homes

Avenel II - 10' LH
Caruso Homes
Second Floor Elevation 3

Date: 12/20/21
Drawn By: RDC
Checked By: SGM

6c

DocuSign Envelope ID: 63D241CF-148A-41DE-8EAD-2CF99DD9C459

RECEIVED JUL 15 2022

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

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-327042

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

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: National Permit Expediters, Inc. Cassie Melton **Address:** 302 Trimble Drive, Elon, NC **Zip:** 27244

Applicant Email: cassie@npe.us.com **Phone:** (704) 718-6966 **Alt. Phone:**

Owner Name: Caruso Homes On Your Lot Charlotte 1, LLC **Address:** 2120 Baldwin Avenue, Ste 200, Crofton, MD **Zip:** 21114

Owner Email: MDavis@CarusoHomes.com **Phone:** (443) 960-6297 **Alt. Phone:**

Property Information:

Street Address: 726 Wiggins Road, Mooresville, NC 28115

Subdivision Name: Wiggins ~~Road~~ Walk **Section/Phase:** **Lot Number:** 2

Driving Directions: Continue to N Center St 31 s (427 ft). Take Amity Hill Rd and Weathers Creek Rd to Winthrow Creek Rd 22 min (12.3 mi). Turn right onto Winthrow Creek Rd 2 min (1.5 mi). Drive to Wiggins Rd 5 min (3.5 mi). Turn right onto Triplett Rd 0.8 mi. Turn left onto NC-801 N 0.6 mi. Turn right onto Wiggins Rd.

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 4 — (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:** 1 **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 ( ) 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.

DocuSigned by: Cassandra Melton D0A11EF1816242E

Signature: 7/15/2022

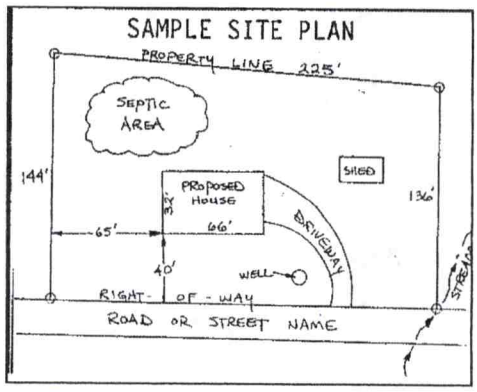
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

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IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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 OR WELL PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

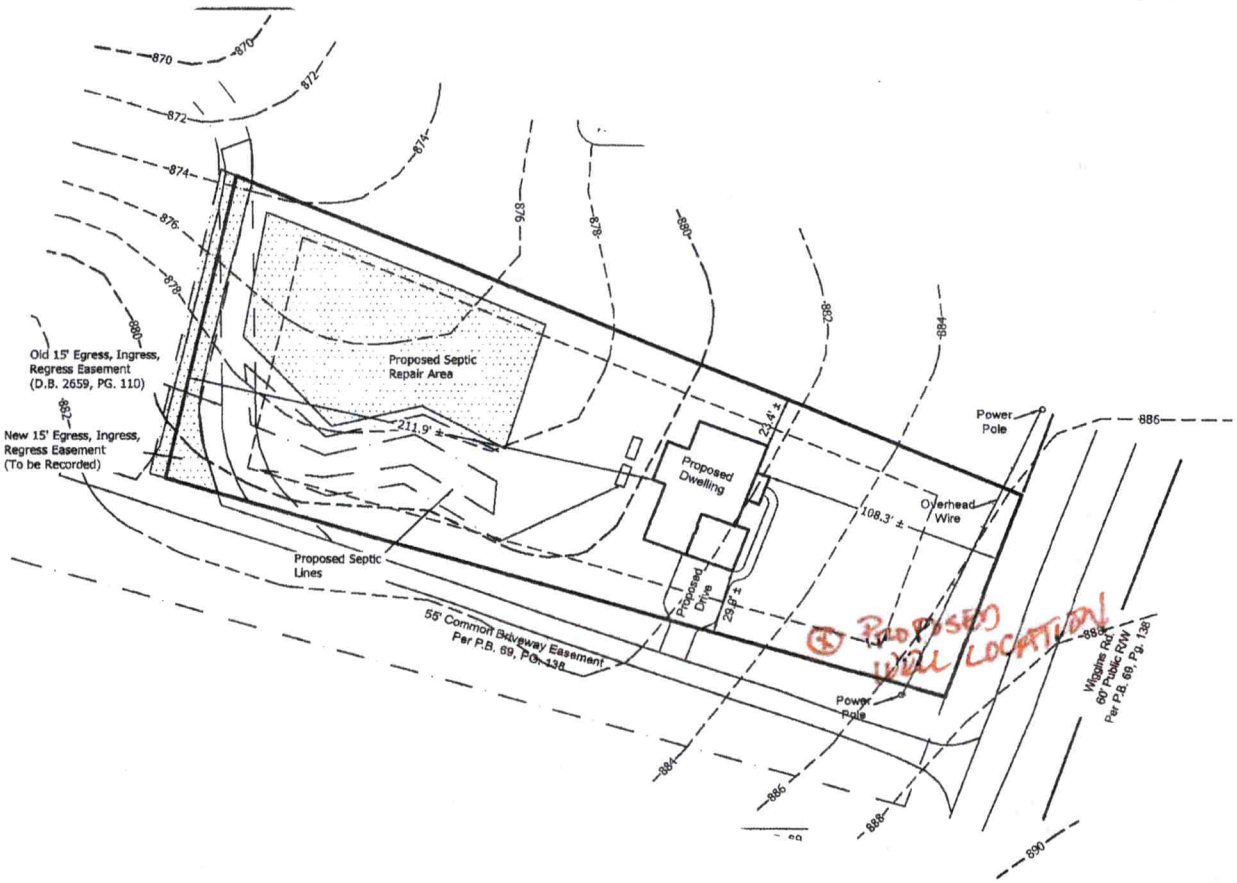
- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location**
- ( ) **Preferred well location**
- ( ) **Preferred septic system location**
- ( ) **North arrow, or other 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



Signature: DocuSigned by: Cassandra Melton D0A11FF1816242E... 7/15/2022

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

DocuSign Envelope ID: 63D241CF-148A-41DE-8EAD-2CF99DD9C459

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

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.

☒ **2.** I, Caruso Homes On Your Lot Charlotte 1, LLC, am the legal owner(s) of the property located at 726 Wiggins Road, identified as PIN (Parcel Identification Number) 4678217627, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Cassandra Melton, National Permit Expediters, Inc., 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.

_____ 05-03-2022
Signature of Owner(s) Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

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ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

*** Initial all lines below to indicate you have submitted each form and completed every site requirement ****

_____ **Complete all Environmental Health forms**:
- _____ Application
- _____ Site Plan including the dimensions of proposed structure, addition, pool etc.
- _____ Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
- _____ Copy of Zoning Permit when applicable
- _____ Sign this sheet after you have completed all items

____ **Lot must be cleared of heavy undergrowth.** In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with **50 feet of visibility** in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

____ **Clearly mark all property corners by locating existing iron or concrete markers**. Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only).
'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged**.

____ **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted.** The proposed structure, etc. **must be staked** out on the property as per the site plan.

____ If an **Authorization to Construct (AC) is desired**, submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.
Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are non-refundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.
- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- **The applicant/agent is responsible for securing these services**
- **Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.**
- **The EH specialist will contact you when your application is ready to be processed for pit scheduling.**
- **Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work**.

By signing below I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature DocuSigned by: Cassandra Melton D0A11FF1816242E... **Date** 7/15/2022

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625