SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

NEW SEPTIC ☒ NEW WELL ☐ USE EXISTING ☐ MODIFIED PLOT PLAN ☐

New Septic Fees Paid

IP ($250.00) 1/20/2021 LE Initial/Date

CA ($200.00) _____Initial/Date

OP ($200.00) _____Initial/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fees Paid: $550.00 _____ Initial/Date

Use Existing Fees Paid: $100.00 _____Initial/Date

Alteration Fees Paid: $300 Total $200 _____Initial/Date (If use existing was part of payment)

Modified Plot Plan Fees Paid: $100.00 _____Initial/Date

Floor plans need to be submitted and reviewed before CA can be issued ☐ Review ☐

This site is served by septic and well. Verify each is complete before final hold is released ☐

Septic file complete ☒ AB 10-6-22 Well complete ☐ _____

Send permit for signature ☒ AB 1-20-21 Signature received ☑ _____

This septic system requires a certified operation contract before final hold is released ☐

Certified operator contract is on file ☐ _____

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 10865B WASPS App #: 11889

Primary ES assigned to project: Braedon Shelton

Secondary ES assigned to project:

Project Type: New System [X] Alteration [ ] Repair [ ] Modified Plot Plan [ ]

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes [ ]	No [ ]	N/A [ ]
.1937(d)	Is there a Site plan/Plat with application	Yes [ ]	No [ ]	N/A [ ]
.1937(d)	Is the Facility shown?	Yes [ ]	No [ ]	N/A [ ]
.1937(d)	Are appurtenances shown	Yes [ ]	No [ ]	N/A [ ]
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1940 (a-g)	Slope % Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(2)	Texture Class Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(2)	Structure type Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(2)	Consistence Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(2)	Mineralogy Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes [ ]	No [ ]	N/A [ ]
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes [ ]	No [ ]	N/A [ ]
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes [ ]	No [ ]	N/A [ ]
& .1945(b)	Number of auger borings made: 4			
	Were sufficient auger borings made?	Yes [ ]	No [ ]	N/A [ ]
.1939(d), .1955, .1956, .1957	LTAR 0.3	Yes [ ]	No [ ]	N/A [ ]
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes [ ]	No [ ]	N/A [ ]
.1945(b) 130A-336 (a)(3)	Proposed System Type stated-Repair	Yes [ ]	No [ ]	N/A [ ]
	System location identifiable by setbacks - Initial	Yes [ ]	No [ ]	N/A [ ]
.1937(g) .1945(b)	System components shown – Initial	Yes [ ]	No [ ]	N/A [ ]
.1945(b)	Repair area shown	Yes [ ]	No [ ]	N/A [ ]
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes [ ]	No [ ]	N/A [ ]
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes [ ]	No [ ]	N/A [ ]
.1937 (f)(g)	Is the System located in the approved area?	Yes [ ]	No [ ]	N/A [ ]
130A-336(a)	Is the Design flow (gpd) indicated?	Yes [ ]	No [ ]	N/A [ ]

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☐	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

IA issued date: _____

OP issued date: _____

Review performed by: April Bumgarner Date performed: 1-26-21

10865B #11889 X56397

MECKLENBURG COUNTY
HEALTH DEPARTMENT

19 JAN '21 AM11:12

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ◉ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ○ N/A ◉ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: ~~13912802~~ 13912803

STREET ADDRESS: Leyton Place

CITY: Charlotte

STATE: NC **ZIP:** 28227

SUBDIVISION NAME: Arlington Forest - Block B

LOT #: 97 **LOT SIZE (acres):** 0.46

TOWNSHIP:

○ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ◉ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE:

○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
◉ HOUSE ○ OTHER _____

HEATED SQUARE FOOTAGE: 3,600

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 8

FOUNDATION TYPE:

○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
◉ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ○ MUNICIPAL ◉ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ◉ POTABLE (DRINKING WATER) ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☑ OTHER PPBPS

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ◉ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ◉ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ◉ NO	JURISDICTIONAL WETLANDS	○ YES ◉ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ◉ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ◉ NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ◉ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ◉ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ○ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ◉ NO
WASTE STORAGE	○ YES ◉ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ◉ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 8/10/62 ☐ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____ ☑ N/A

12. PROPERTY OWNER:

NAME: Bridwell Homes, LLC
ADDRESS: 7333 Starvalley Drive
CITY: Charlotte
STATE: NC ZIP: 28210
WORK PHONE: _____
MOBILE PHONE: (704) 962-9773
FAX: _____
E-MAIL: rich@richbridwell.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Larry Thompson
ADDRESS: PO Box 541
CITY: Midland
STATE: NC ZIP: 28107
WORK PHONE: _____
MOBILE PHONE: (704) 301-4881
FAX: _____
E-MAIL: larry@thompsonenv.com

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. 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. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

LT (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. 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. The permit is valid for a period of twelve (12) months from the date of issuance.

LT (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

Property Owner's or Owner's Legal Representative Signature

1/15/21
Date

OFFICE USE ONLY

○ SURVEY PLAT TO SCALE SUBMITTED ○ SCALED SITE PLAN SUBMITTED ○ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: Leyton Place

Tax Parcel #: 13912802

Subdivision Name: Arlington Forest, Block B

Lot #: 97

SEE ATTACHED SESSION LAW PERMIT PACKAGE

Property Owner's or Owner's Legal Representative Signature

1/15/21
Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208, OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

Ellis, Loretta

From: Michelone, Jeremy
Sent: Friday, January 15, 2021 9:46 PM
To: York, Zineb; Gould, Odile E.; Placide, Lydia J; Ellis, Loretta; Cabanero-Plyler, Lily Ann
Subject: Fwd: [External]Septic Permit Application and Session Law Submittal
Attachments: Lot 97 - Block B, Arlington Forest Session Law (01-13-21).pdf; ATT00001.htm; Residential Permit Application - Septic (AF - Lot 97).pdf; ATT00002.htm

Same as last email. Thanks.

Sent from my iPad

Begin forwarded message:

From: "Larry Thompson" <larry@thompsonenv.com>
Date: January 15, 2021 at 9:42:56 PM EST
To: "" <wellreg@mecklenburgcountync.gov>
Cc: "Michelone, Jeremy" <jeremy.michelone@mecklenburgcountync.gov>, "Rich Bridwell" <rich@richbridwell.com>
Subject: [External]Septic Permit Application and Session Law Submittal

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Attached you will find a well and septic application, in addition to a Session Law 2018-114 permit package submittal for Lot 97 - Arlington Forest, Block B. Please contact the owner Rich Bridwell, Bridwell Homes, LLC when you are ready to accept payment for the application fees.

Please let us know if you need anything additional to help with processing this request.

Thank you!

Larry Thompson, PWS, LSS
Thompson Environmental Consulting, Inc.
https://hes32-ctp.trendmicro.com:443/wis/clicktime/v1/query?url=www.thompsonenv.com&umid=aa922903-bbe7-4957-8294-fc681ee1a079&auth=0ca30ad4de382cb62e6712db63807a2bc52e41bd-817317d135f5cb3b6f37b7756fccad4050c6c4bd
704-301-4881

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 01/20/21
Receipt #: 125707
Check / Auth #: CHARGE
Received By: ELLISLW

Amount: 250.00
Tendered: 250.00
Returned: 0.00

Account Information

Account #: X56397
Contractor: BRIDWELL HOMES LLC
Attn:
Address: 7333 STARVALLEY DRIVE
Address:
City/State/Zip: CHARLOTTE, NC 28210

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen PARCEL# 13912803		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
945.00					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	10/07/22	**Amount:**	200.00
Receipt #:	138023	**Tendered:**	200.00
Check / Auth #:	VISA 07408D	**Returned:**	0.00
Received By:	GALLOSE		

Account Information

Account #: 200000
Contractor: RICHARD BRIDWELL
Attn: SEPTIC OPERATIONAL PERMIT
Address: 10912 LEYTON PLACE
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 10912 LEYTON PL	10865B	1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	10/07/22	**Amount:**	200.00
Receipt #:	138022	**Tendered:**	200.00
Check / Auth #:	VISA 07408D	**Returned:**	0.00
Received By:	GALLOSE		

Account Information

Account #: 200000
Contractor: RICHARD BRIDWELL
Attn: SEPTIC CONSTRUCTION PERMIT
Address: 10912 LEYTON PLACE
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 10912 LEYTON PL	10865B	1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Payment Receipt

Mecklenburg County

Environmental Health
3205 Freedom Drive, Suite 8000
Charlotte, NC 28208
Phone: 980-314-1651

Enter Account # or Customer Name Here:
RICHARD BRIDWELL

Bill To:

RICHARD BRIDWELL

Single Payment

Transaction Date:	10/07/2022 7:35 AM Pacific Time
Pay Method:	VISA **********3789
Approval #:	07408D
Trace Number:	cc83d489-3b20-43be-a6b5-c47959d12ec5
Amount:	$400.00

Payment Amount:	$400.00
Total:	**$400.00**

Thank you for your payment.

AGENT AUTHORIZATION FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. 96 & 97 PHASE B PARCEL ID: 13912802

STREET ADDRESS: Leyton Place
Charlotte, NC 28227

Please print:

Property Owner: Bridwell Homes, LLC

Property Owner: _____

The undersigned, registered property owners of the above noted property, do hereby authorize

Larry Thompson, LSS, of Thompson Environmental Consulting, Inc.
(Contractor / Agent) (Name of consulting firm)

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of this permit or certification and any and all standard and special conditions attached.

Property Owner's Address (if different than property above):
7333 Starvalley Drive, Charlotte, NC 28210

Telephone: 704-962-9773

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

From the Consultant: The NC LSS evaluation attached to this application is to be used to produce a design and construction features for permitting in accordance with Session Law 2018-114 Section 11. (c).

Owner Signature:
Richard Bridwell
Richard Bridwell (Jan 13, 2021 09:45 EST)

Date: Jan 13, 2021

Owner Signature: _____

Date: _____

Agent Authorization Form

Final Audit Report 2021-01-13

Created:	2021-01-13
By:	Larry Thompson (larry@thompsonenv.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAJaqatGB7aC97XyaIlUsLv-ESGEKJwz0X

"Agent Authorization Form" History

Document created by Larry Thompson (larry@thompsonenv.com)
2021-01-13 - 2:32:44 PM GMT- IP address: 66.115.189.156

Document emailed to Richard Bridwell (rich@richbridwell.com) for signature
2021-01-13 - 2:33:06 PM GMT

Email viewed by Richard Bridwell (rich@richbridwell.com)
2021-01-13 - 2:45:08 PM GMT- IP address: 66.249.88.249

Document e-signed by Richard Bridwell (rich@richbridwell.com)
Signature Date: 2021-01-13 - 2:45:57 PM GMT - Time Source: server- IP address: 24.74.42.0

Agreement completed.
2021-01-13 - 2:45:57 PM GMT

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011889** GWS File #: **10865B** Tax Parcel #: **139-128-03**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 1/25/2026

Type of Installation: Residential - New System Lot Number: 97

Structure Type: HOUSE Size (ft^2): 3600 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: PPBPS (gravity) **System Classification:** IIIe

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	8	Absorption Area (ft^2):	801	Total Trench Length (ft):	267
Maximum Trench Depth (in):	28	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: N/A **System Classification:**

Repair System Specifications:

Design Flow (gpd):	0	LTAR (gpd/ft^2):	0	Septic Tank Size (gal):	0	Pump Tank Size (gal):	0
Trench Width (ft):	0	Trench Spacing (ft):	0	Absorption Area (ft^2):	0	Total Trench Length (ft):	0
Maximum Trench Depth (in):	0	Depth of Media (in):	0	Distribution Device:	N/A		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton Owner/Legal Agent: Larry Thompson

Signature: Braedon Shelton 2661 Signature: _____ Print Name

Date Issued: 1/25/2021

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011889** GWS File #: **10865B**

IV. Permit Conditions/Comments:

- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be located at least 100 ft (50 ft minimum) from all private wells
- Upon completion of the project the system designer shall provide Groundwater & Wastewater Services with a letter certifying that the system was installed in accordance with the approved design.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- This permit is issued pursuant to Section 11.(c) of SL 2018-114 using the signed and sealed LSS Evaluation attached here.
- Session Law 2018-114 Section 11. (c).

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

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- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton

Signature: Braedon Shelton 2661

Date Issued: 1/25/2021

Owner/Legal Agent: Larry Thompson
Print Name

Signature: _____

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011889** GWS File #: **10865B** Tax Parcel #: **139-128-03**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

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Trench Width (ft):	3	Trench Spacing (ft):	8	Absorption Area (ft^2):	801	Total Trench Length (ft):	267
Maximum Trench Depth (in):	28	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: N/A **System Classification:**

Repair System Specifications:

Design Flow (gpd):	0	LTAR (gpd/ft^2):	0	Septic Tank Size (gal):	0	Pump Tank Size (gal):	0
Trench Width (ft):	0	Trench Spacing (ft):	0	Absorption Area (ft^2):	0	Total Trench Length (ft):	0
Maximum Trench Depth (in):	0	Depth of Media (in):	0	Distribution Device:	N/A		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton Owner/Legal Agent: _____
Print Name

Signature: Braedon Shelton 2661 Signature: _____

Date Issued: 1/25/2021

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011889** GWS File #: **10865B**

IV. Permit Conditions/Comments:

- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- Upon completion of the project the system designer shall provide Groundwater & Wastewater Services with a letter certifying that the system was installed in accordance with the approved design.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- This permit is issued pursuant to Section 11.(c) of SL 2018-114 using the signed and sealed LSS Evaluation attached here.
- Session Law 2018-114 Section 11. (c).

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton

Signature: Braedon Shelton 2661

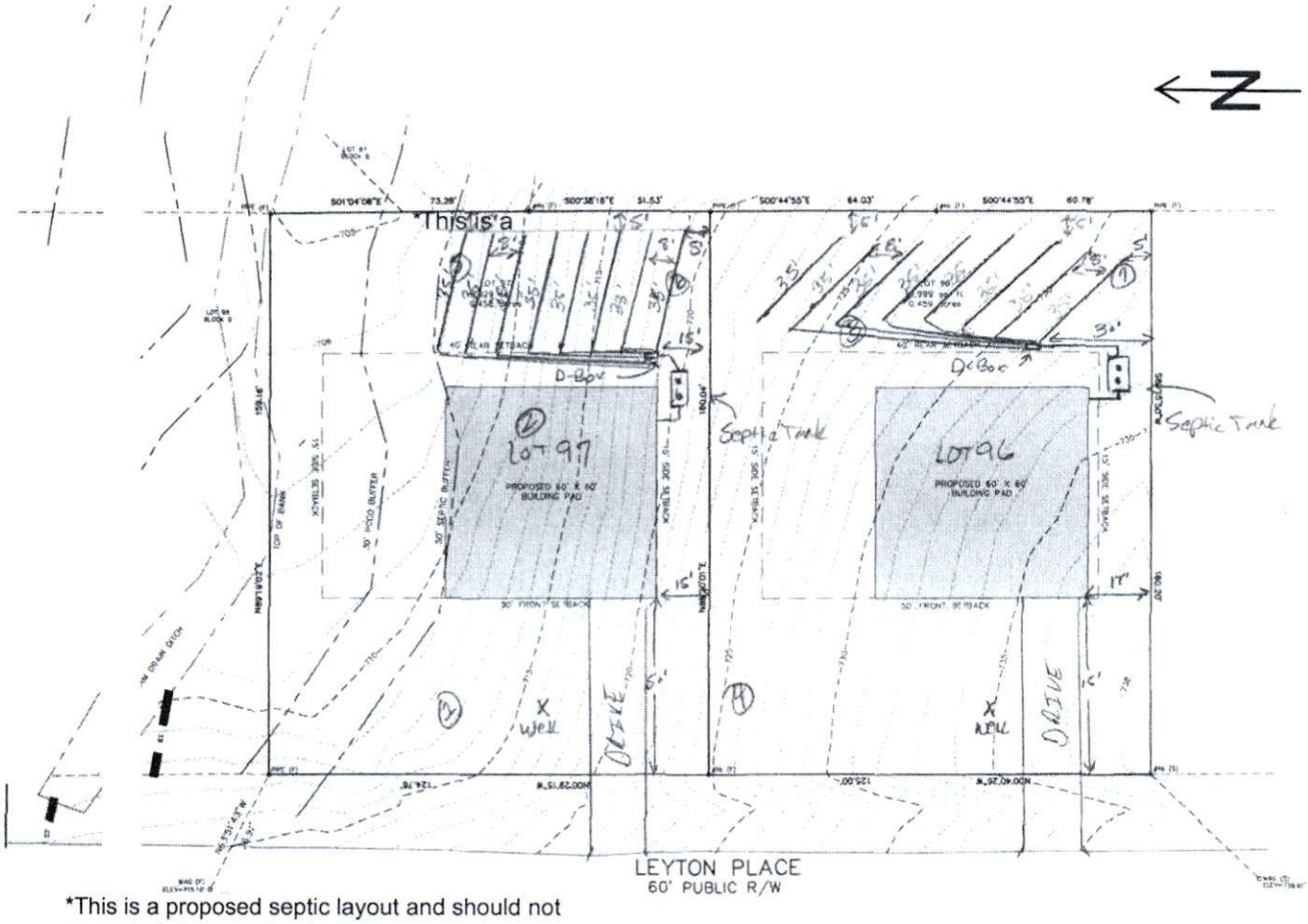
Date Issued: 1/25/2021

Owner/Legal Agent: _____
Print Name

Signature: _____

Arlington Forest - Block B, Lots 96 and 97

Scale: 1 inch = 40 feet



*This is a proposed septic layout and should not be considered as a legal survey.

SIGNATURE _____

Residential Subsurface Wastewater Treatment and Disposal System Proposal

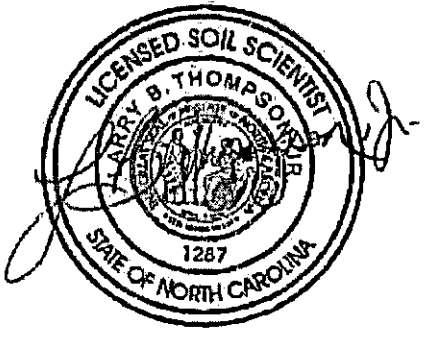
for

Lot 97 – Block B, Arlington Forest
Leyton Place
Charlotte, NC 28227

Tax Parcel Number: 13912802
January 12, 2021

Prepared for:

Bridwell Homes, LLC
7333 Starvalley Drive
Charlotte, NC 28210
704-962-9773



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



Details

The following wastewater treatment and disposal system proposal is submitted to Mecklenburg County Groundwater and Wastewater Services (MCGWS) at the request of Bridwell Homes, LLC. Bridwell Homes proposes to construct a new 4-bedroom single family residence on Lot 97 – Block B, Arlington Forest, Leyton Place, Charlotte, NC 28227 (Mecklenburg County Tax Parcel Number: 13912802) that will be served by a private well.

Based upon a soil and site investigation performed by Thompson Environmental Consulting, Inc. (TEC), as well as a separate evaluation performed by John Roberts, LSS, it has been determined that there is a sufficient amount of "Suitable" Group IV soils available for the installation of a **Gravity-Flow Permeable Block Panel System (PPBPS)** at a 0.3 GPD/sq. ft. long-term acceptance rate (LTAR) for a 4-bedroom residence. The lot was recorded by the Mecklenburg County Register of Deeds on August 10, 1962 and is exempt from repair area requirements per 15A NCAC 18A .1945 AVAILABLE SPACE (copy of recorded plat is attached to this report).

The enclosed Licensed Soil Scientist Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

Location

From Charlotte, take NC 24-27 E. approximately 9.1 miles and turn right onto Cabarrus Road. Travel 0.9 miles and turn left onto S. Hampton Drive, left onto Cumberland Drive, and right onto Leyton Place. Lot 96 is located on the left.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, April 1, 2017.

Design, Installation and Maintenance of the T & J Panel Wastewater Treatment System; Sixth Edition, published by T & J Panel.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
SC Professional Soil Classifier No. 111
NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer/Inspector No. 1762/17621

This proposal is for a gravity flow pre-fabricated permeable block panel systems meeting the minimum setbacks for this lot. Exceptional care should be taken to protect the drainfield area from all forms of encroachment throughout the life of the project. TEC recommends protecting the system area with orange barrier fencing.

Plumbing from the house must be held high to prevent the need for a pump.

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1,000 gallons in capacity (minimum).
2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipes and Fittings

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

C. Distribution Method

1. Individual drainlines shall be evenly fed via a distribution box.
2. Distribution box shall be water tested for equal flow at the time of the final inspection.

D. Backfill

1. Backfill sand shall be clean, washed, medium sand that is naturally occurring and falls within the gradation of ASTM C-33 specification (used in the ready-mix industry and is readily available). Properly compact backfill to provide the intended subgrade support.

E. Drainfield Installation

1. The drainfield and the proposed septic tank location have been marked on-site utilizing metal stemmed flags. Once this area has been approved by the county, the property owner/builder should mark this area and isolate it as much as possible from construction traffic. Prior to the system installation, the septic contractor shall contact the designer for a preconstruction conference at which time the drainfield area will be re-verified.

PPBPS Design Worksheet							File #:			
							Tax #:	13912802		
System Requirements							Address:	Leyton Place		
Design Flow	480	gpd						Charlotte, NC		
LTAR	0.300	gpd/ft.^2					Consultant:	Larry Thompson		
Linear footage	533	ft. (conventional)					Phone:	704-301-4881		
Linear footage	267	ft. (50% Reduction)								
							Reviewed By:			
Design Layout							Date:			
Laterals	Length (ft)	# Panels								
Line # 1	35	8								
Line # 2	35	8								
Line # 3	35	8								
Line # 4	35	8								
Line # 5	35	8								
Line # 6	35	8								
Line # 7	35	8								
Line # 8	35	8								
Totals	**280**	**64**								
Absorption Area										
Length (ft)	Width (ft)	Area (ft^2)								
280	2	560								

T & J Panels	
Linear Feet	# Panels
50	11
60	14
70	16
80	18
90	21
100	23

2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition. If the installer has doubts as to whether or not the drainfield area is dry enough to begin construction, the environmental health specialist for this area should be contacted for permission to proceed with the installation.
3. The specified system is a Type V(e) pre-fabricated permeable block panel system – specifically the prefabricated permeable block panel system manufactured by T&J Panel Wastewater Treatment System, Patent No. 4013559; telephone: 1-800-222-2577. The installer must follow the manufacturer's guidelines for installing the T&J Panel System and should request an installation manual from the manufacturer prior to beginning construction.
4. The initial drainfield consists of eight (8) laterals constructed 2-feet wide by 35-feet in length.
5. It is essential that the lateral trenches be constructed on contour with the land, with each trench being excavated level from beginning to end. The use of a tripod mounted engineer's level is essential to assure that each trench is constructed as level as possible.
6. The maximum trench depth for this system shall be **28-inches**. Each trench shall be placed on a minimum of 8-foot on centers.
7. Once trenches are dug, the side walls shall be raked, and a light dusting of lime applied.
8. Backfill the trench with 7-inches of sand and level to grade properly compacted to intended subgrade support. Once leveled, place 1 x 4 or 6-inch boards on top of the sand the entire length of each trench. Once the grade boards have been set, the panels may be set into the trench. The panels should be placed 6 inches apart.
9. Once the panels have been set, line the top chamber of each panel with 10 – 12 pounds of clean particle sand (medium sand blasting sand). Coverage depth should be approximately 1-inch thick. *Please note that this sand is not the same material specified for backfill.*
10. Tar seal rope, or approved foam, should be placed in the "U" outs of each end of the panel to form seals. Once the tar rope is in place, the 1¼ inch Schedule 40 PVC connectors can be added and the seal completed by the addition of more tar rope on the top and sides of the pipe. Now that the connection and seals are complete, a block cap is placed on each end of the panel so that all openings are covered.
11. Once the lateral has been installed and the panels closed, the trench is ready to be backfilled to the top with the sand used in the trench bottom. At this point, the trenches should be left open for the final inspection by the design engineer.

F. Final Landscaping

1. The drainfield shall be shaped to shed rainwater and be free from low spots.
2. Minimum cover requirement over the drainfield area is 6-inches.
3. The entire area of the drainfield should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

G. Utility/Drive Conflicts

1. The builder and property owner must take special care in planning for utilities (water, power, gas, telephone, cable lines, etc.). All utilities shall be kept clear of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation.
2. Water lines must be kept at least ten (10) feet from any portion of the septic system.
3. Irrigation systems should not be placed in the drainfield area.
4. The builder must also take special care in planning for a drive into the property. The driveway must be installed along the property sideline to allow enough clearance for the proposed repair drainlines. The driveway must be constructed at-grade without cuts or excavations.
5. The entire drainfield area shall be delineated with orange barrier fencing throughout the construction process to protect it from unnecessary encroachment.

Maintenance

H. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25 percent of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. Use of a garbage disposal is not recommended. Solids added through the garbage disposal tend to degrade at a very slow rate.
4. Grease, cooking oils, coffee grounds and non-degradable solids (disposable diapers, cigarettes and solid paper wastes) should never be put into a septic tank.
5. Used motor oil or any oily liquids should not be disposed of in a septic tank.
6. Be aware of the amount of water that you are using in your home. Water saving fixtures and devices can be installed on sinks, toilets and showers to reduce the volume of wastewater that you are sending to your drainfield.
7. Run dishwashers and washing machines only when you have a full load.
8. Repair leaky faucets and toilets. Small drips equal large volumes of water over time and can over burden your drainfield.
9. Do not use chemical additives in your system. Studies have indicated that they do not increase the biological activity that naturally occurs in the septic system and in some cases certain additives have been found to be detrimental to the life of a system.

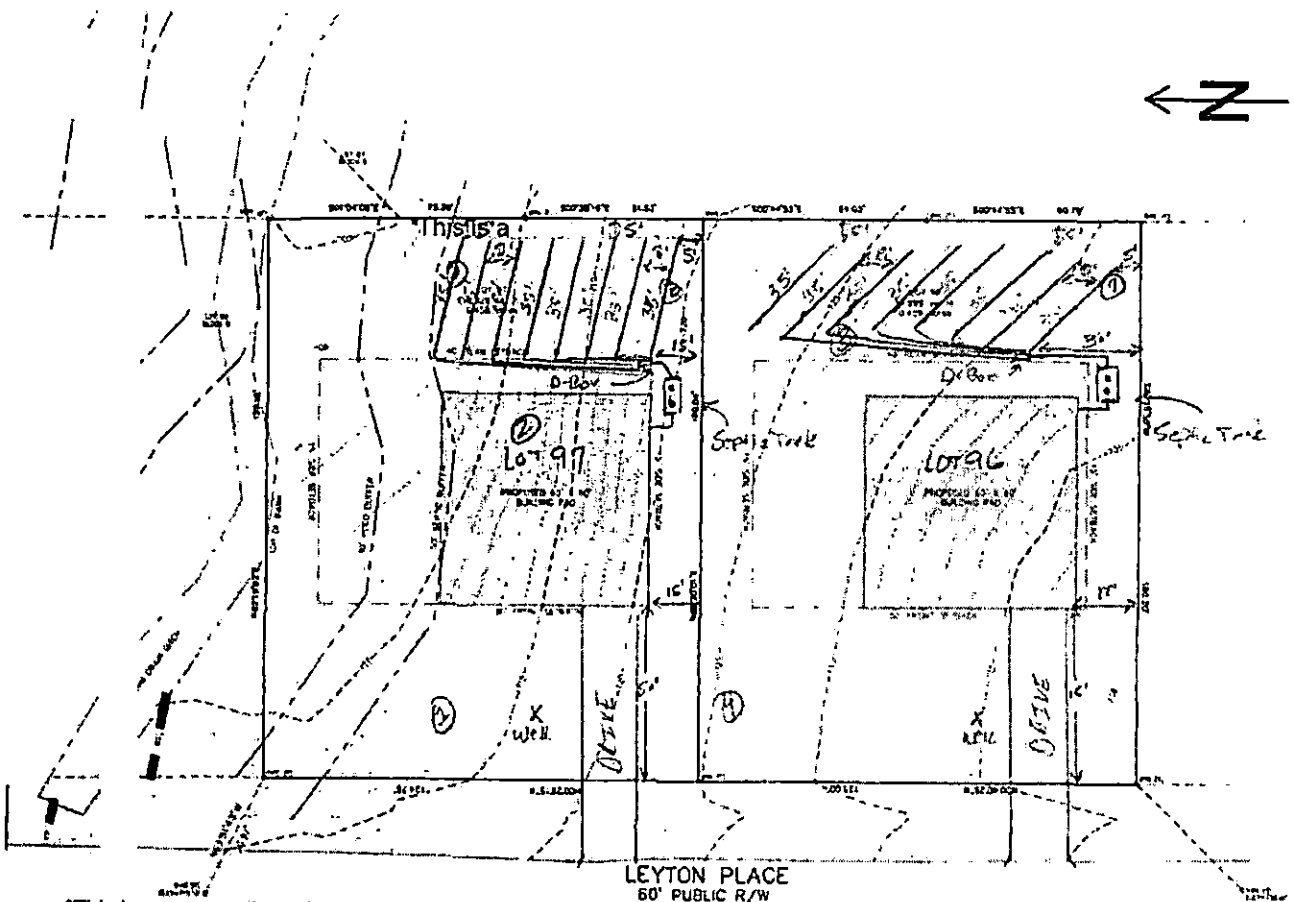
Design Specifics

Daily Design Flow:	480 GPD
Septic Tank Size:	1,000 Gallons
Effluent Loading Rate:	Design = 0.3 GPD sq. ft. (50 % reduction - PPBPS)
Drainfield Type:	PPBPS
Number and Size of Drainlines:	(8) 2' Wide x 35' Long
Maximum Trench Depth:	28 Inches Deep
Drainline Spacing:	8 Foot on Centers
Total Length of Drainline:	280 Feet
Total Number of Panels:	64

*See septic layout for site locations and additional details.

Arlington Forest - Block B, Lots 96 and 97

Scale: 1 inch = 40 feet



*This is a proposed septic layout and should not be considered as a legal survey.

SIGNATURE

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

PROPERTY ID #: 13912802
COUNTY: Mecklenburg

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bridwell Homes, LLC
ADDRESS: 7333 Starvalley Drive, Charlotte, NC 28210
PROPOSED FACILITY: Lot PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 10910 Legion Place, Charlotte, NC 28227
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

DATE EVALUATED: 7-11-19 1-12-21
PROPERTY SIZE: 1.0886 ac
PROPERTY RECORDED: 8-10-1962
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
1	LS 20%	0-6	SBk/cL	FR ss/po/vsp	—	48"	—	—	PS 0.3
		6-48	SBk/c	FJ/ss/po/vsp					
2	LS 18%	0-7	SBk/cL	FR ss/po/vsp	—	48"	—	—	PS 0.3
		7-48	SBk/c	FJ/ss/po/vsp					
3	LS 18%	0-7	SBk/cL	FR ss/po/vsp	—	51"	—	—	PS 0.3
		7-51	SBk/c	FJ/ss/po/vsp					
4	LS 10%	0-12	SBk/cL	FR ss/po/vsp	—	48"	—	—	PS 0.3
		12-48	SBk/c	FJ/ss/po/vsp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Exempt
System Type(s)	PPBS	1
Site LTAR	0.3	4

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

LICENSED SOIL SCIENTIST L. THOMPSON 1287 STATE OF NORTH CAROLINA

COMMENTS:

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

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

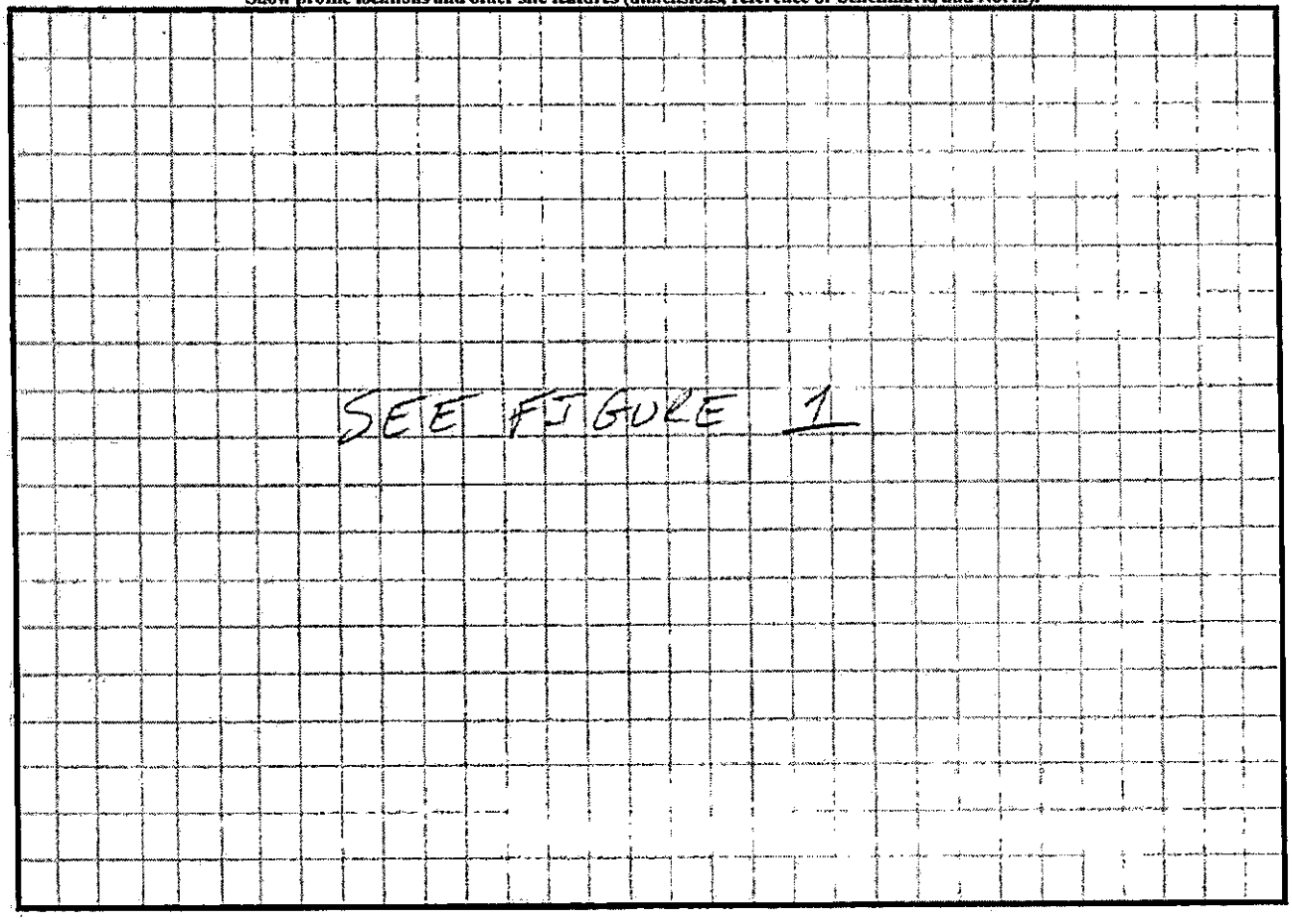
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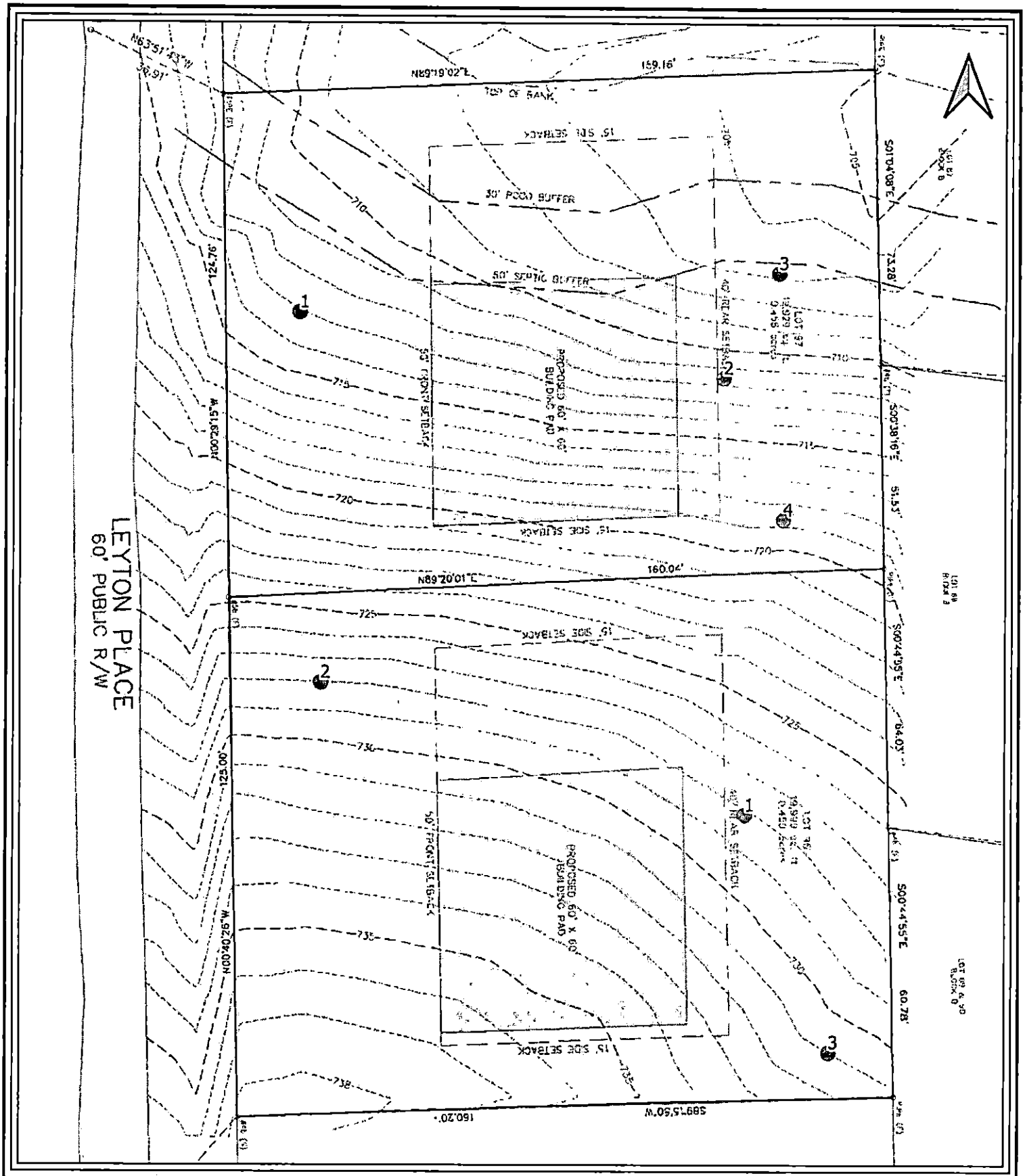
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).





Thompson Environmental Consulting	Prepared For: Bridwell Homes	**Soil Boring Locations** Lots 96 and 97 - Block B, Arlington Forest Leyton Place Charlotte, NC 28227 Mecklenburg County	Date: January 2021 Scale: 0 15 30 ft TEC Job #: 12-21	Figure 1

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Lot 97

Septic System Pre-Construction Meeting Checklist

File # 10865B App# 11889 Tax Parcel# 139-128-03

Property Owner: Bridehell homes LLC

Job Location Address: 10912 Leyton PL.

City: Charlotte State: NC Zip Code: 28227

1. Does System design match facility, flow & wastewater characteristics?

   ☑ YES ☐ NO

   Comments: _____

2. Is there sufficient available space for the septic systems initial and repair areas?

   ☑ YES ☐ NO

   Comments: _____

3. Can the septic system be installed per the permit conditions and drawing on file?

   ☑ YES ☐ NO

   Comments: Session Law

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☐ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

B. Davenport
Authorized Agent

9/16/22
Date

Stevens Septic
Others Present

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 10865 B Permit #: 11889 Tax Parcel #: 139-128-03

Property Owner: BrideWell Homes LLC

Job Location Address: 10912 Leyton Pl.

City: Charlotte State: NC Zip Code: 28227

Operation Permit Issuance Date: 10/4/22 Contractor Name: Stevens

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: \ gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Shoaf Effluent Pump Model: \

Drainfield Installation ☐ N/A

Trench Depth: 28 inches

Trench Width: 3 feet

Line Spacing: 8 feet (O.C.)

Total line length: 267 feet

# of Lines: 8 @ 35 feet PPBPS

Depth of Media: NA inches (Type) (Horizontal)

Depth of Cover: ≥ 6 inches

Distribution Device: D-Box

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: ≥ 5 feet

Distance from Property Line: ≥ 5 feet

Distance from Water Supply Source: ≥ 50 feet

Inspection Dates

Tank(s) Inspected: 8/16/22

Excavation Inspected: 9/21/22

Pump & Controls Inspected: 9/26/22

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

Session Law.
Installed in accordance to LSS. design
(See details attached)

The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☒ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

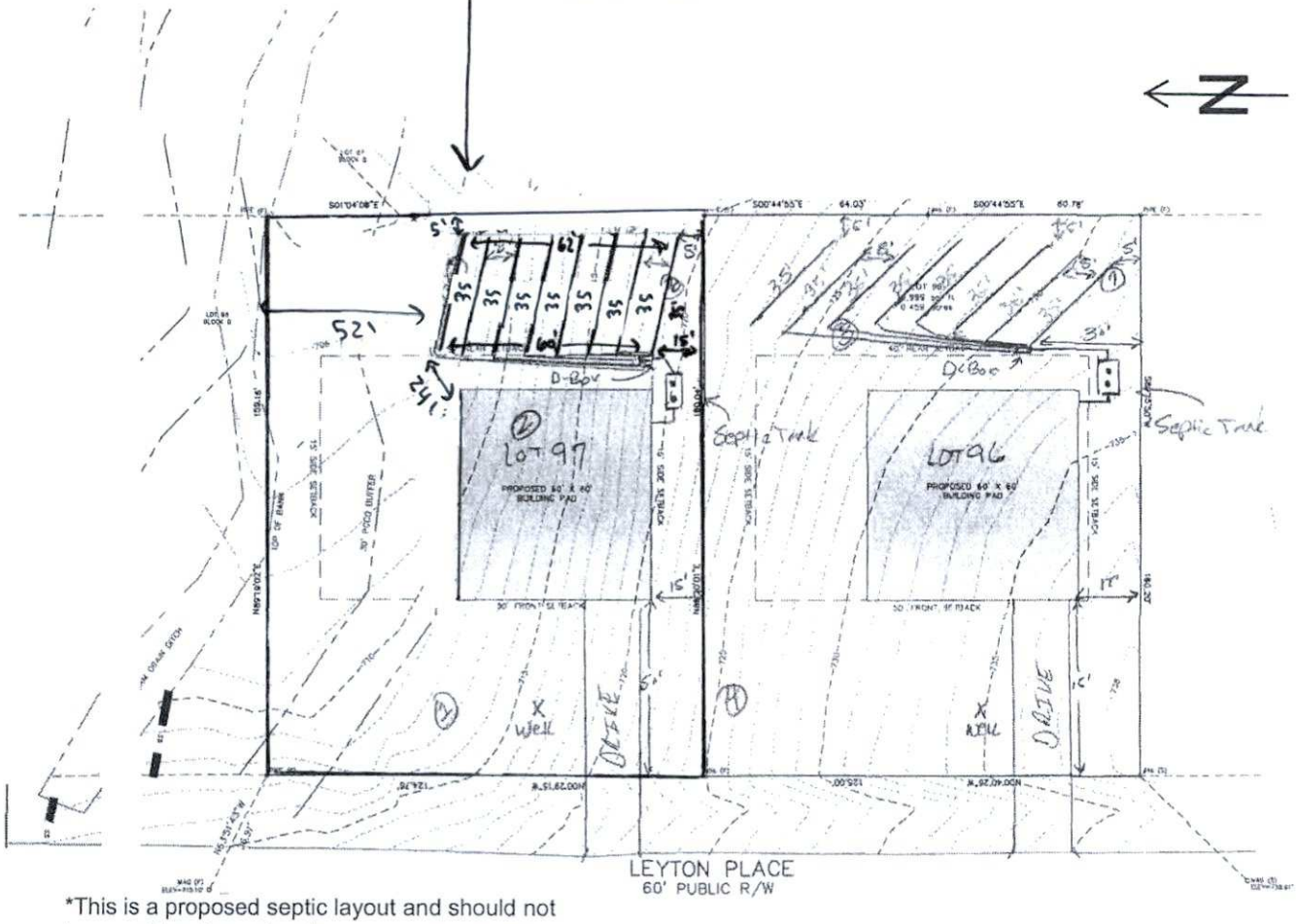
Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIe, PPBPS(H) 4-Bedroom PPBPS (H) System, gravity

DENR Authorized Agent: Braedon Shelton Signature: Braedon Shelton

10912 Leyton Pl.

Scale: 1 inch = 40 feet



*This is a proposed septic layout and should not be considered as a legal survey.

SIGNATURE _____

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 10865B Permit #: 11889 Tax Parcel #: 139-128-03

Property Owner: Bridewell Homes LLC

Job Location Address: 10912 Leyton PL.

City: Charlotte State: NC Zip Code: 28227

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIe, PPBPS (H)

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: 4-Bedroom PPBPS(H), Session Law, Repair area exempt.

DENR Authorized Agent: Braedon Shelton Date: 10/4/22

Signature: Braedon Shelton 2661

THOMPSON ENVIRONMENTAL CONSULTING, INC.
WATER ♦ WASTEWATER ♦ WETLANDS

October 4, 2022

Braedon Shelton, REHS
Valerie C. Woodard Center
3205 Freedom Drive, Suite 8000
Charlotte, NC 28208

Dear Mr. Shelton,

The purpose of this letter is to inform you that I have performed an inspection of the wastewater treatment and disposal systems that have been installed for Lots 96, 97, 98, and the combined Lots 86/87 of the Arlington Forest subdivision located on August Lane and Leyton Place, Charlotte, North Carolina. I am satisfied with the installations which were installed in general accordance to the plans submitted to your office.

Please feel free to call on me if you have any further questions or concerns regarding this project.

Sincerely,

Larry B. Thompson, Jr., NCEHS, LSS

PO BOX 541 • MIDLAND, NC • 28107-0541
PHONE: 704-301-4881 • FAX: 206-350-8895
E-MAIL: LARRY@THOMPSONENV.COM
WEB: WWW.THOMPSONENV.COM