ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # 228290, 302033

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

PIN # 4624 · 23 · 8223

APPLICANT/OWNER: Peachtree Residential LLC

APPLICANT ADDRESS: 9525 Bircdale Crossing Drive STE 208 Huntersville NC 28078

SITE ADDRESS: 109 Fairfax CT Mooresville NC

PHONE:

ALT. PHONE 704-928-9215

SITE DIRECTIONS: At End of Brawley School Rd on Left

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Lakeside at Brawley

SECTION: — LOT # 3 LOT AREA: .689 Acres

DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank	1000	(gal)	STB	760	Date	8-24-2020	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI		☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000	(gal)	PT	363	Date	7-3-2020	System Description:	LP-PPBPS - 50% Reduction				☐ Business	No. Persons	8	☒ Private
Pump Make			Model		Serial #		Repair System Description:	LP-PPBPS - 50% Reduction				☐ Other	No. Employees		☐ Public
# Nitrification Fields	1		# Lines	3	Linear Ft.	270	Maintenance Agreement Required:	☒ YES	☐ NO			☐ Slab	☒ Crawl Space		☐ Community
Trench Width	24		Trench Bottom Depth	36 Max	Gravel Depth			☐ GRAVITY	☒ PRESSURE			☐ Basement w/ plumbing		☐ Basement w/o plumbing	

Comments / Conditions: *Purpose of this permit is to adjust for Garage & Cut below Drainfield*

INITIAL SITE SKETCH

See attached Proposal
by: Michael Athanas & Associates
LSS

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.

10-21-2020 BCW
- TANKS
- DRAINLINES
- CVB
- SUPPLY LINE

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 10/8/2020 Installed by: RICHARD ABERNATHY

IMPROVEMENT PERMIT by: Benjamin A Butler Date: 10/6/2020 OPERATION PERMIT by: Patrick J Ryle III Date: 11/30/2020

AUTHORIZATION TO CONSTRUCT by: Benjamin A Butler Date: 10/6/2020 Existing System Inspected by: Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 22824, 302033

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

PIN # 4624 · 23 · 8223

APPLICANT/OWNER: Peachtree Residential LLC
APPLICANT ADDRESS: 9525 Bonnabelle Crossing Drive STE 208 Huntersville NC 28078
SITE ADDRESS: 109 Fairfax CT Mooresville NC
PHONE:
ALT. PHONE 704-923-9215
SITE DIRECTIONS: At End of Brawley School Rd on Left
SAP CONTROLLED: ☐ YES ☑ NO
SUBDIVISION: Lakeside on Brawley
SECTION: — LOT # 3 LOT AREA: .689 Acres
DESIGN FLOW: 480 L.T.A.R.: .30

Septic Tank	1000	(gal)	STB	760	Date	8-24-2020	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms	4	Water Supply	
Pump Tank	1000	(gal)	PT	363	Date	7-3-2020	System Description: LP-PPBPS - 50% Reduction				☐ Business	No. Persons	8	☑ Private	
Pump Make		Model			Serial #		Repair System Description: LP-PPBPS - 50% Reduction				☐ Other	No. Employees		☐ Public	
# Nitrification Fields	1	# Lines	3		Linear Ft.	270	Maintenance Agreement Required:	☑ YES	☐ NO		☐ Slab	☑ Crawl Space		☐ Community	
Trench Width	24	Trench Bottom Depth		36 Max	Gravel Depth			☐ GRAVITY	☑ PRESSURE		☐ Basement w/ plumbing		☐ Basement w/o plumbing		

Comments / Conditions: *Purpose of this permit is to adjust for Garage + East bldg Drainfield*

INITIAL SITE SKETCH

See attached Proposal
by: Michael Athanas & Associates
- LSS

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION ALL [illegible]
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

10-21-2020 BCW
- TANKS
- DRAIN LINES
- CVB
- SUPPLY LINE

	Date	Initials
Drain Lines Checked	10-21-20	BCW
Tanks Checked	10-21-20	BCW
Pressure Manifold or Valve Box Checked	10-21-20	BCW
Pressure Head Set	11/23/2020	PSB
Electrical Checked	10-21-20	BCW
Floats Set	11-19-20	BCW
Alarm Checked	11-19-20	BCW
Maintenance Contract Y / N	11/30/2020	PSB

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site

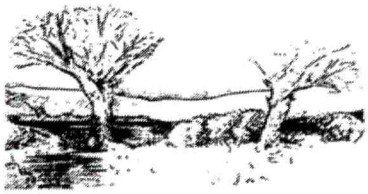
☐ IMPROVEMENT PERMIT with plat valid without expiration. ☑ IMPROVEMENT PERMIT with site plan valid for 60 mo

Owner / Applicant Signature: Date: 10/8/2020 Insta

IMPROVEMENT PERMIT by: Benjamin A Butler Date: 10/6/2020 OPERATION PERMIT by: Date:

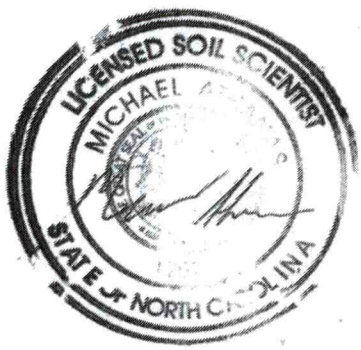
AUTHORIZATION TO CONSTRUCT by: Benjamin A Butler Date: 10/6/2020 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION CALL 704-878-3703 between 8am-9am



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887
9/17/2020

Reference: Data Sheet for 109 Fairfax Ct, Lakeside on Brawley Lot 3
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: PPBPS
Proposed Repair System Type: PPBPS
Distribution: Low Pressure-CVB
Flow per Orifice: 0.41 GPM
Orifice Size: 5/32"
System Flow: 25.8 GPM
Dosing Volume: 226.8 gallons
Pump Run Time: 8.8 minutes
Elevation Head: 17.6'
Friction Head: 1'
Pressure Head: 2'
Total Dynamic Head: 20.6'
Supply Line Length: 65' of 2" PVC
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 36" maximum



Line	Design Length	# of Panels	Actual Length	Elevation
Orange 1			22'	2.6'
White 2			46'	3.2'
Pink 3			58'	4.1'
Blue 5			67'	4.7'
Orange 6			78'	5.6'
White 7	**85'**	**20**	**87'**	**6.5'**
Pink 8	**90'**	**21**	**93'**	**7.4'**
Blue 9	**95'**	**22**	**100'**	**8.3'**

Initial System: 270' **Repair System:** 271'
Pump Tank: 19.1' **House Corner:** 12.3' **Benchmark:** 1.6'

Comments:
MA&A had to make adjustments to the septic due to a side load garage and a cut for the driveway.

N
Scale
1"=40'
TAX PARCEL 4624-23-6279
LOT 2
PEACHTREE RESIDENTIAL LLC
DB: 2503 PG: 2482
PB: 66 PG: 147
FAIRFAX COURT
50' PRIVATE R/W
PB: 66 PG: 147
Mailbox Kiosk Easement
PB: 67 PG: 147
LOT 2 Access Easement
PB: 66 PG: 147
LOT 3
LOT 5
L5 Total
25.67'
10.01'
Found #5 Rebar
Well
N17°30'07"E 150.29'
15' Side Setback
Proposed Tiburon "D-MC"
Proposed Concrete Drive/Walk
Top of cut
N78°01'09"W 182.59' Total
145.17'
37.42'
20.55'
26.57'
23.8'
42.0'
32.7'
21.0'
20.7'
19.7'
44.8'
50.2'
Pool
Found #4 Rebar
BM 1.6'
LOT 3
Setback
Rear
Side
Front
CVB
Drive
Gravel
Pavement edge
R/W
RCB
ST
PT 19.1'
HC 12.3'
Q1 - 22' - 2.6'
W2 - 46' - 3.2'
P3 - 58' - 4.1'
B4 - 67' - 4.7'
W5 - 78' - 5.6'
P7 - 90' - 7.4'
B8 - 95' - 8.3'
C9 | 300.00' | 19.11
TA
JOI