ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 228301

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

PIN # 4624-23-7014

APPLICANT/OWNER: Carolyn Lamascus

APPLICANT ADDRESS: 12347 Claridon Dr. #5, Rancho Cucamonga CA 91739

SITE ADDRESS: 104 Fairfax Court, Mooresville NC 28117

PHONE: 909-227-1817 ALT. PHONE 951-316-2691

SITE DIRECTIONS: (W) on Brawley School Rd → lot on corner of Fairfax & Brawley (end of road)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Lakeside on Brawley

SECTION: N/A LOT # 1 LOT AREA: 0.695

DESIGN FLOW: 360gpd L.T.A.R.: 0.3(I)/0.125(O)

Septic Tank	1000	(gal)	STB 760	Date 9/26	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000	(gal)	PT 363	Date 2/25	System Description:	50% Reduction - PM - VPP305			☐ Business	No. Persons	6	☒ Private
Pump Make			Model	Serial #	Repair System Description:	Drip = 3300 ft²			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft 200'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	24" min	Trench Bottom Depth	32" max	Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/ plumbing			☐ Basement w/o plumbing

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield area. Install on contour, use pressure manifold distribution. Keep repair area protected during construction.

Pressure Manifold: L1 & L4: 1/2 SCH 80 L2 & L3: 1/2 SCH 40

Dose: 169.2 g Run Time = 6.7 min Flow = 25.18 gpm

Drawdown: 8"

INITIAL SITE SKETCH

See attached site plan

by ICHD & Michael Abramas & Associates

dated 8/17/21

50' buffer must be CLEARLY marked at time on install

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.

Lines MW

Pressure Head MW

Tanks Ben

Floats MW

PM MW

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: _____ Date: _____ Installed by: Stevens Septic

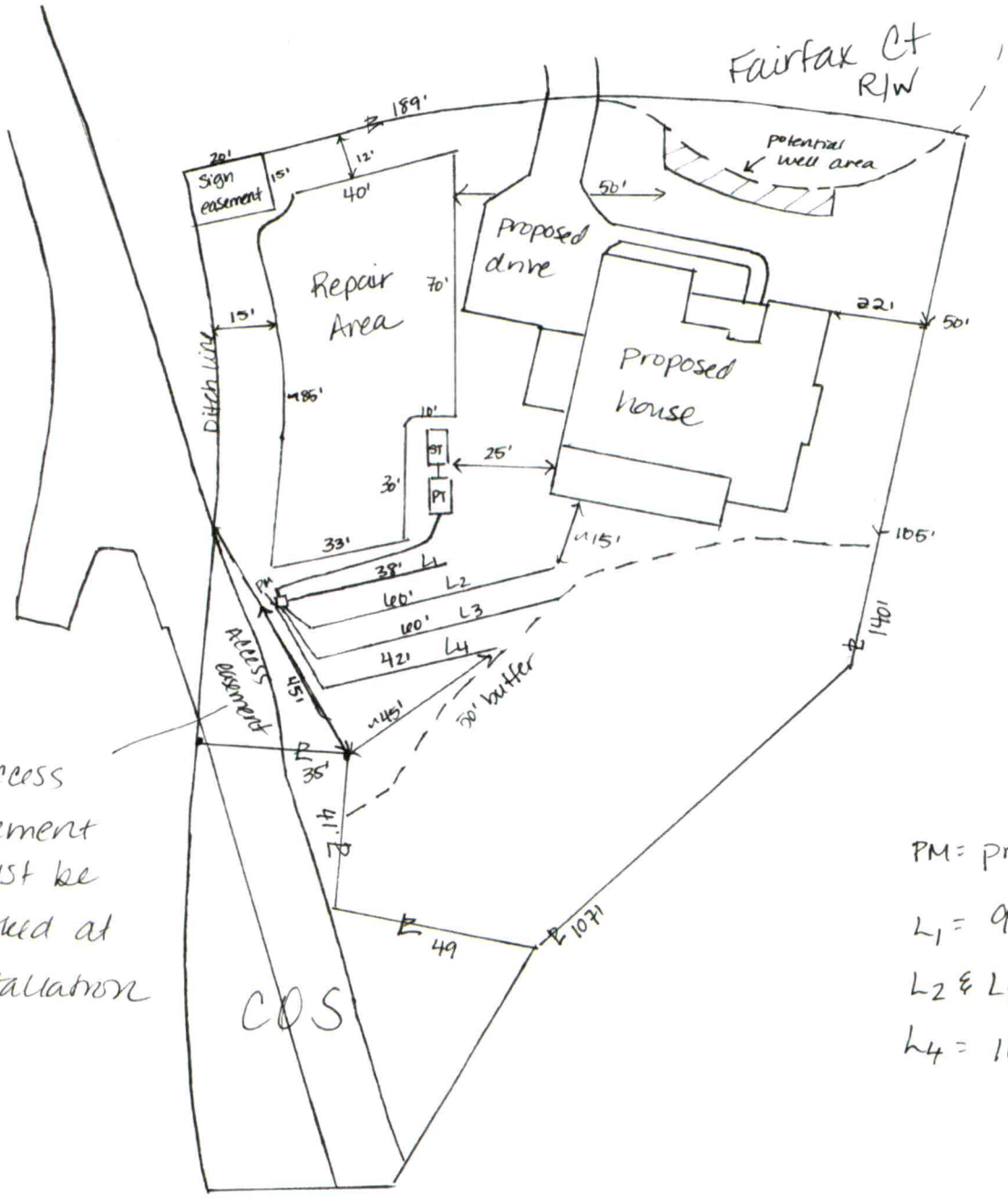
IMPROVEMENT PERMIT by: D. Mebey Date: 8/17/21 OPERATION PERMIT by: Bryan A Bates Date: 9-8-2022

AUTHORIZATION TO CONSTRUCT by: D. Mebey Date: 8/17/21 Existing System Inspected by: _____ Date: _____

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

1" = 40'

104 Fairfax Ct, Mooresville
4624-23-7014



Access Easement Must be marked at installation

PM = pressure manifold

L_1 = 9 panels

L_2 & L_3 = 14 panels each

L_4 = 10 panels

8/17/21 DW

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Septic Tank	1000	(gal)	STB 760	Date 9/26	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000	(gal)	PT 303	Date 2/25	System Description:	50% Reduction - PM - VPPBDS			☐ Business	No. Persons	6	☒ Private
Pump Make			Model		Serial #		Repair System Description:	Drip ≈ 3300 ft²	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	24" min	Trench Bottom Depth	32" max	Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing	

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dated 8/17/21

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Pressure Head MW

Tanks Ben

Floats MW

PM MW

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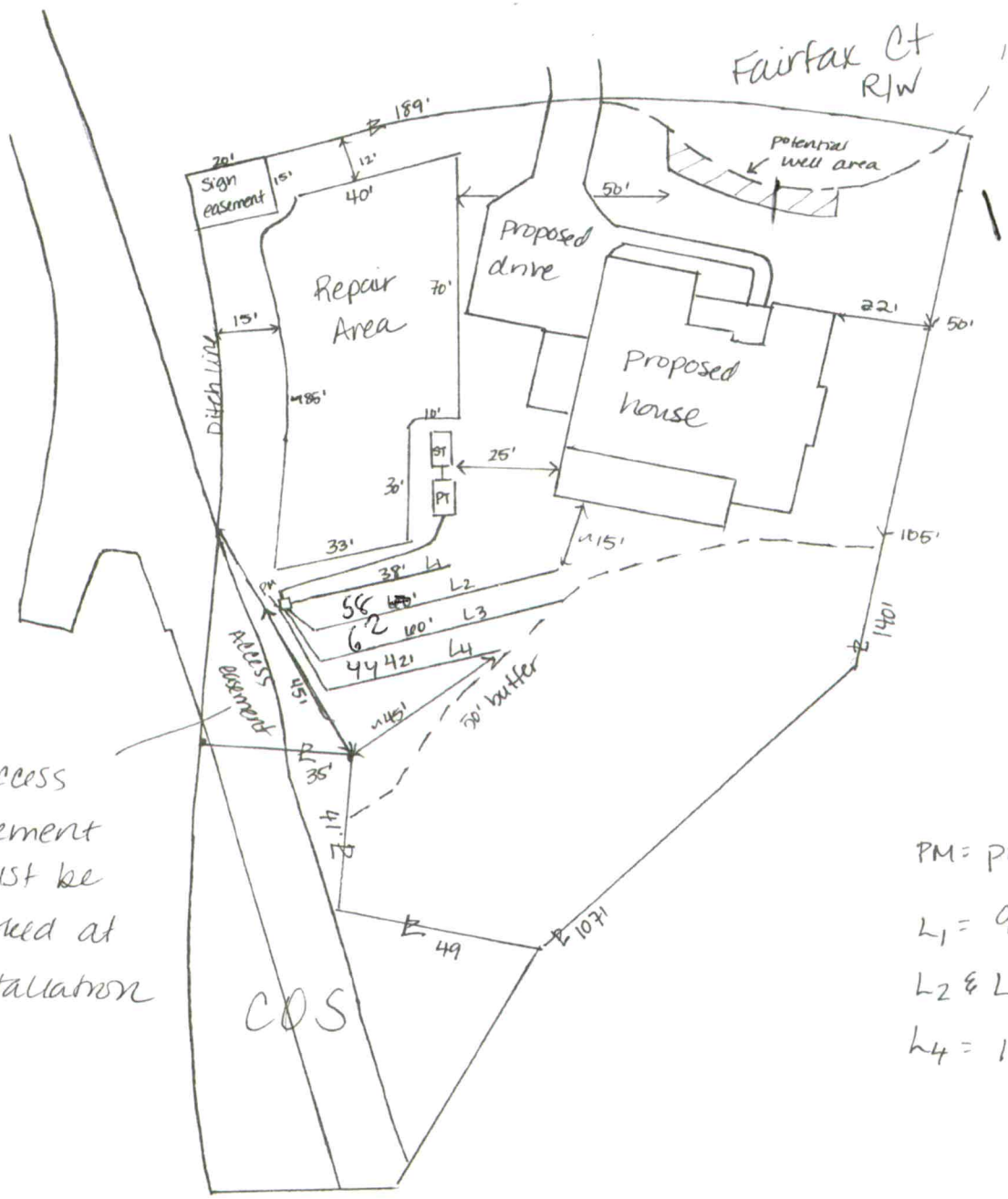
IMPROVEMENT PERMIT by: D. Mebane Date: 8/17/21 OPERATION PERMIT by: _____ Date: _____

AUTHORIZATION TO CONSTRUCT by: D. Mebane Date: 8/17/21 Existing System Inspected by: _____ Date: _____

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4624-23-7014



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(3)

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SECTION: N/A LOT # 1 LOT AREA: 0.695

DESIGN FLOW: 360 gpd L.T.A.R.: 0.3(I)/0.125(R)

Septic Tank	1000	(gal)	STB	760	Date	4-21	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	2-23	System Description:	50% Reduction - PM - VPPBDS			
Pump Make			Model		Serial #		Repair System Description:	Drip ≈ 3300 ft²			
# Nitrification Fields	1	# Lines	4	Linear Ft	200'		Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24" min	Trench Bottom Depth (~~outside~~)	32" max	Gravel Depth	N/A			☐ GRAVITY	☒ PRESSURE		

☒ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☒ Private
☐ Other	No. Employees		☐ Public
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- Tanks - Checked 7-15-22 15ft from side slope of Upgrade. Drain

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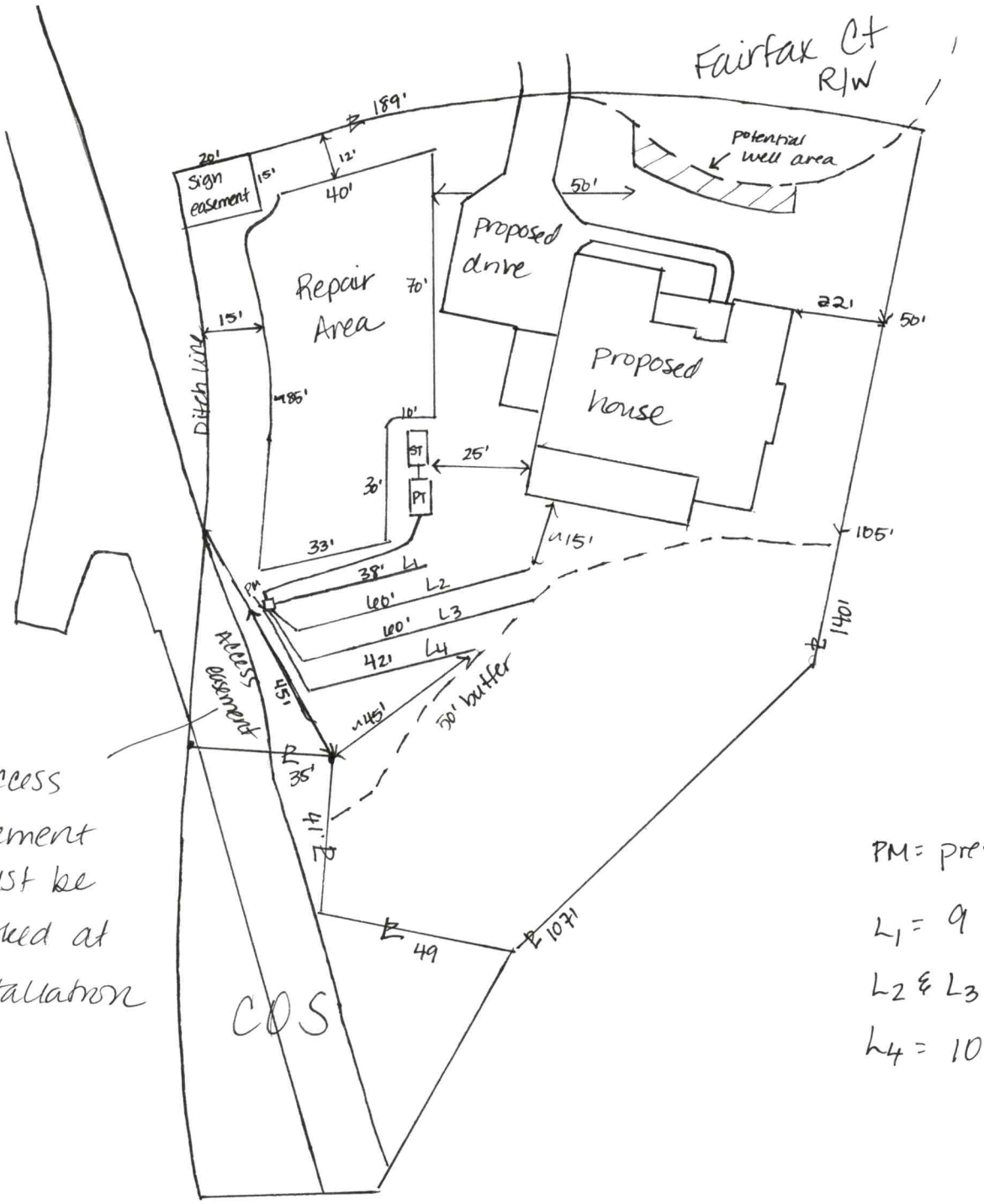
Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

1" = 40'

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8/17/21 DW

APPROVED JUL 18 2017 KW

PROPERTY ID #: _____
COUNTY: _Iredell____

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

OWNER: Peachtree Residential LLC_____ APPLICATION DATE 6-30-17
ADDRESS: _Suwanee, GA_____ DATE EVALUATED: _____
PROPOSED FACILITY: _3 bdrm_____ PROPOSED DESIGN FLOW (.1949): __360 GPD_____ PROPERTY SIZE: _0.695 AC_____
LOCATION OF SITE: Lakeside on Brawley Lot 1_____ PROPERTY RECORDED: _____

WATER SUPPLY: Ξ Private Public Ξ Well Spring Other _____

EVALUATION METHOD: Ξ Auger Boring Pit Cut TYPE OF WASTEWATER: Ξ Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 4%	0-3	Br SCL WSBK	FR SS SP SEXP	N/A	45"	F-C SAP	N/A	PS 0.3
		3-30	R C SBK	FR SS SP SEXP					
		30-45	R CL WSBK	FR SS SP SEXP					
		45-48	VER SL SAP M	VFR SS SP SEXP					
2	LS 4%	0-6	Br SCL WSBK	FR SS SP SEXP	N/A	46"	F-C SAP	N/A	PS 0.3
		6-30	R C SBK	FR SS SP SEXP					
		30-46	R CL WSBK	FR SS SP SEXP					
		46-48	VER SL SAP M	VFR SS SP SEXP					
3	LS 4%	0-6	Br SCL WSBK	FR SS SP SEXP	N/A	45"	F-C SAP	N/A	PS 0.3
		6-16	R C SBK	FR SS SP SEXP					
		16-45	R CL WSBK	FR SS SP SEXP					
		45-48	VER SL SAP M	VFR SS SP SEXP					
4	LS 6%	0-3	Br SCL WSBK	FR SS SP SEXP	N/A	44"	F-C SAP	N/A	PS 0.3
		3-24	R C SBK	FR SS SP SEXP					
		24-44	R CL WSBK	FR SS SP SEXP					
		44-48	VER SL SAP M	VFR SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400 FT2	2880+FT2
System Type(s)	PPBPS	DRIP
Site LTAR	0.3	0.125

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____

EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: Lakeside lot 1__
DATE OF EVALUATION: _____
COUNTY: __IREDELL____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 4%	0-3	Br SCL WSBK	FR SS SP SEXP	N/A	36"	F-C SAP	N/A	PS 0.3
		3-20	R C SBK	FR SS SP SEXP					
		20-36	R CL WSBK	FR SS SP SEXP					
		36-48	VER SL SAP M	VFR SS SP SEXP					

COMMENTS:_____

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.

