

## TBD Poplar Forest Road Poplar Forest Subdivision Lot 64 Tax ID# TBD WATAUGA COUNTY, NC

Client: Julie Breedlove

Contact: Julie Breedlove

Email: <u>Julie@breedlovecarolinas.com</u>

LRM Job #: 307323

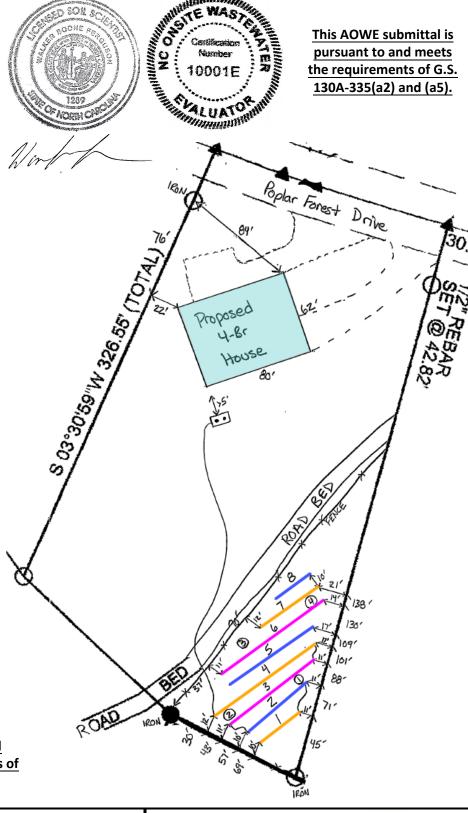
PRIMARY and REPAIR:								
System 7	System Type: 25% Reduction							
LTAR: 0.	5	4-Bedr	oom Design					
Trench D	Depth (in.): 18	Trench V	Vidth (in.): 36					
LINES (D	ownslope to up	slope / 9 f	ft. centers)					
<u>LINE</u>	<u>COLOR</u>	<u>FEET</u>	CUM. FEET					
1	Orange	30	30					
2	Blue	56 86						
3	Pink	72	158					
4	Orange	86	244					
5	Blue	72	316					
6	Pink	98	414					
7	Orange	52	466					
8	Blue	28	494					

## **NOTES:**

- 1)Lines 1-4 shall be used for the initial system. 2)A total of 240' are required for the initial system. Extra line is laid out if needed for blanking around trees or rocks.
- 3)Septic shall be >15' from any cut >2', >5' from any building foundation, 50' from any spring or surface water, and >100' from any well or drinking spring. **Saprolite System** 4)A 1000-gal septic tank is required. LRM recommends serial distribution. Supply lines/plumbing shall be 3-4" Sch40 PVC.
- 5)LRM's soil evaluation and recommendations have been made in accordance with North Carolina Department of Environmental, Health, and Natural Resources, Division of Environmental Health. On-site wastewater Section On-site Wastewater Management: Guidance Manual and 15A North Carolina Administrative Code 18A. Any grading or site disturbance in the proposed drain field area renders this report null and void.

<u>6) Please contact Local Health Department</u> for Inspections

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A 335 (a2).



Juli	ie Breedlove
Popla	ar Forest Lot 64
PIN: TBI	D, Watauga County

DRAWN BY:	MJF	SCALE:	Not to Scale
CHECKED BY:	WBF	DATE:	5/3/2023
PROJECT NO:	574823	REVISION:	N/A



PO Box 9251 Asheville, NC 28815 Phone: (828) 231-1663 www.Landrm.com



PROJECT NO. AND NAME: Julie Breedlove										4
BORING:	1	LOT: 64	4 Poplar Fo	rest	COU	INTY: Wat	auga	DATE	5/1/202	3
PERCENT	SLOPE (Ru	ıle .1940):	36		CLA'	Y MINERAL	OGY (Rule	.1941):	N/A (SE)	MX EX
LANDSCAF	PE POSITIO	ON (Rule .1940	): Side Slo	pe)	SOIL	. DEPTH (R	ule .1943):	46		
TOPOGRA	PHY (Rule	.1940): Unifor	m		RES	TRICTIVE H	ORIZON (F	Rule .194	14): 46	
PARENT M	IATERIAL:	AL CO RE	) A/C A/R		SEA	SONAL HIG	H-WATER	TABLE (	Rule .1942):	746
SOIL GROU	JP (Rule .1	955):	3		TYPI	E OF WATE N/A	R TABLE (F	Rule .19	42): parent	
SAPROLIT	E GROUP (	Rule .1956):	NH		CLA	SSIFICATIO	N (Rule .19	48):(PS	) us	
NOTES:					REC	LASSIFIED	(Rule .1948	B): N/A	PS	
					inches = trench depth inches = slope correction soil depth inches = regulated soil depth inches = regulated saprolite depth inches total depth needed					
				4		FIE	LD ESTIM	ATES		<b>→</b>
HORIZON	DEPTH	MOIST MATRIX	COLOR MOTTLES	TEXTU	RE	STRUCT-	CONSIST	CLAY	AEROBIC	AR CONV.
(Rule .1939)	(inches)			(Rule .19	941)	URE (Rule .1941)	-ENCE (Rule .1941)	(%)	DRIP (Rule .1969)	(Rule .1955)
A	0-13	love33	NA	<b>L</b>		Cr	F		.35	,7
Br	13-46	7545/6	NIA	CL		B	R	30	,35	15
Cr 46+ SBRF										
			·							

LRM- NC Revised 10/2012

MCA = Multicolored Alluvium

MCC = Multicolored colluvium MCS = Multicolored saprolite LTAR = Long Term Acceptance Rate in gallons per square foot per day RF = Rock fragments RLHB = Restrictive layer – Hard bedrock RLWB = Restrictive layer – Weathered bedrock

SBRF = Stopped by rock fragments

DESCRIBED BY: MIT



PROJECT	NO. AND N	аме: Julie	Breedlov	ve						
BORING: LOT: 64 Poplar Forest						NTY: Wata	auga	DATE	: 5/1/202	3
PERCENT	SLOPE (Ru	ıle .1940):	25	• (	CLA'	Y MINERAL	OGY (Rule	.1941):	N/A (SE)	MX EX
LANDSCAF	PE POSITIO	ON (Rule .1940	): Side Slo	pe S	SOIL	DEPTH (Ru	ule .1943):	40.	to SAP	
TOPOGRA	PHY (Rule	.1940): Unifor	m	F	RES	TRICTIVE H	ORIZON (F	Rule .194	14): 46	
PARENT M	IATERIAL:	AL CO RE	A/C A/R	C/R S	SEAS	SONAL HIG	H-WATER	TABLE (	Rule .1942)	746
SOIL GROU	JP (Rule .1	955):		Т	ΓΥΡΕ	OF WATE N/A			42): parent	
SAPROLIT	E GROUP (	(Rule .1956):	2	C	CLAS	SSIFICATIO	N (Rule .19	48): PS	us	
NOTES:				F	REC	LASSIFIED	(Rule .1948	3): N/A	PS	
	~~				18	inches = tre		on soil d	enth Calcu	lated for:
				-	inches = regulated soil depth inches = regulated saprolite depth					
					39	inches = reg			ptn est.	like day
				4		***************************************	ELD ESTIM			
HORIZON	DEPTH	MOIST MATRIX	COLOR MOTTLES	TEXTUR	RF	STRUCT-	CONSIST	CLAY	LT. AEROBIC	AR   CONV.
(Rule					,_	URE	-ENCE		DRIP	
.1939)	(inches)			(Rule .19	41)	(Rule .1941)	(Rule .1941)	(%)	(Rule .1969)	(Rule .1955)
A	0-12	104/23/3	NA	L		(1	Fr	gapana.	,35	, manage
B-	1232	7.5485/6	NA	CL	,	B	Fi	30	135	15
Be	32-40	7.546516	NIA SL			P	Fr	SHEETENS .	.75	,5
<u>C</u>	40-46	mcs	NIA	SL		M	Fr	No	,35	.45
Cr	46+	RLWB/mes	NH							
		a								

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DESCRIBED BY: MIT



PROJECT NO. AND NAME: Julie Breedlove										
BORING:	3	LOT: 64	orest c	100	NTY: Wata	auga	DATE:	5/1/202	3	
PERCENT	SLOPE (Ru	ule .1940):	25	С	LAY	MINERAL	OGY (Rule	.1941):	N/A SE	MX EX
LANDSCAF	PE POSITIO	ON (Rule .1940	): Side Slo	pe S	OIL	DEPTH (Ru	ıle .1943):	41 to	SHO	
TOPOGRAI	PHY (Rule	.1940): Uniforr	m)	R	REST	RICTIVE H	ORIZON (F	Rule .194	14):	
PARENT M	ATERIAL:	AL CO RE	A/C A/R	C/R S	EAS	SONAL HIG	H-WATER	TABLE (	Rule .1942):	>48
SOIL GROU	JP (Rule .1	955):	3	Т	YPE	OF WATE	,		42): parent	
SAPROLITE	E GROUP	(Rule .1956):	7	С	LAS	SIFICATIO	N (Rule .19	48). PS	Dus	
NOTES:				R	RECL	ASSIFIED	(Rule .1948	): N/A	PS	
					18912	inches = tre inches = slo inches = req inches = req inches total	nch depth ope correction gulated soil gulated sap	on soil d depth rolite de	epth Calcu	lated for:
				<b>←</b>			LD ESTIM			<b>→</b>
HORIZON	DEPTH	MOIST MATRIX	COLOR MOTTLES	TEXTUR	E	STRUCT-	CONSIST	CLAY	LT. AEROBIC	AR CONV.
(Rule .1939)	(inches)			(Rule .194	41)	URE (Rule .1941)	-ENCE (Rule .1941)	(%)	DRIP (Rule .1969)	(Rule .1955)
A	0-7	loyes/3	NIA	L		Cr	Fr	fertile.	, 35	,7
By	7-41	7.5 Yest6	NA	CL		B	F	30	135	J
C	41-48	mes	UlA	SL		M	F	GENES.	135	,5
	-									
									La como Servina	

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DESCRIBED BY: MJ7



## LAND RESOURCE MANAGEMENT

– Land Evaluation by Land Experts –

PROJECT NO. AND NAME: Julie Breedlove										
BORING: 4 LOT: 64 Poplar Forest						ארע: <b>Wat</b>	auga	DATE	: 5/1/20	23
PERCENT SLOPE (Rule .1940): 25					CLA	Y MINERAL	.OGY (Rule	.1941):	N/A SE	MX EX
LANDSCA	PE POSITION	ON (Rule .1940	)): Side Slo	ppe	SOII	L DEPTH (R	ule .1943):	46		
TOPOGRA	PHY (Rule	.1940): Unifor	m			TRICTIVE H			44): 46	
PARENT M	MATERIAL:	AL CO RE	A/C A/R	C/R	1	SONAL HIG				746
SOIL GRO	UP (Rule .1	955):	3		TYP	E OF WATE	R TABLE (	Rule .19	42): pparent	
SAPROLIT	E GROUP	(Rule .1956):	NHA		CLA	SSIFICATIO	N (Rule .19	948): (PS	S) US	
NOTES:	-				REC	LASSIFIED	(Rule .1948	3): N/A	PS	
					/8 inches = trench depth					
				+		FIE	ELD ESTIM	ATES		<b>&gt;</b>
HORIZON	DEPTH	MOIST MATRIX	COLOR MOTTLES	TEXTU	IRE	STRUCT-	CONSIST	CLAY	AEROBIC	TAR
(Rule .1939)	(inches)			(Rule .1	941)	URE (Rule .1941)	-ENCE (Rule .1941)	(%)	DRIP (Rule .1969)	(Rule .1955)
A	0-13	10403/3	NIA	4		Cr	F	di d	,35	- Same
BT	13-46	7,5465/6	NH	CL		ß	R	30	135	15
Cr 46+ SBRF										
	-									
							14.2			

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
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SBRF = Stopped by rock fragments

DESCRIBED BY: MIJ7



Bk 29 Pg 162



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/04/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s)

COVEDACE	CEDITICAT	E MUMDED, 1	DEVICION NUMBER: O	
			INSURER F:	
	Asheville	NC 28815-	INSURER E:	
	PO Box 9251		INSURER D: Cincinnati Indemnity Ins. Co.	
	LAND RESOURCE MANAGE	EMENT, PLLC	INSURER C: Cincinnati Specialty Underwriters	
				23280
INSURED			INSURER B: Auto-Owners Insurance Co.	23280
			INSURER A Cincinnati Specialty Underwriters	18988
	Waynesville	NC 28786-0630	INSURER(S) AFFORDING COVERAGE	NAIC #
	P.O. Box 630		E-MAIL ADDRESS: glance@lndavis.com	
	143 N. Main Street		PHONE (A/C, No, Ext): (828)452-2876 FAX (A/C, No):(828)	)456-5325
PRODUCER	LN Davis Insurance Agency		CONTACT Gary Lance	
certificate	noider in hed or such chaorsement(s	<i>y</i> .		

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

	CCLUSIONS AND CONDITIONS OF SUCH F	ADDL	 					
INSR LTR	TYPE OF INSURANCE	INSD	POLICY NUMBER	(MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
Α	X COMMERCIAL GENERAL LIABILITY	X	CSU 0041739	10/01/2022	10/01/2023	EACH OCCURRENCE	\$	1,000,000
	CLAIMS-MADE X OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	100,000
						MED EXP (Any one person)	\$	5,000
						PERSONAL & ADV INJURY	\$	1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE	\$	2,000,000
	X POLICY PRO- JECT LOC					PRODUCTS - COMP/OP AGG	\$	2,000,000
	OTHER:						\$	
В	AUTOMOBILE LIABILITY		5252434900	10/01/2022	10/01/2023	COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
	ANY AUTO		222.2.333			BODILY INJURY (Per person)	\$	
	X ALL OWNED SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$	
	X HIRED AUTOS X NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	\$	
						Hired/Non-Owned Auto	\$	1,000,000
	UMBRELLA LIAB OCCUR					EACH OCCURRENCE	\$	
	EXCESS LIAB CLAIMS-MADE					AGGREGATE	\$	
	DED RETENTION \$						\$	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		EWC 0277760-09	10/01/2022	10/01/2023	PER X OTH- STATUTE X		
	ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A				E.L. EACH ACCIDENT	\$	1,000,000
	(Mandatory in NH)	N / A				E.L. DISEASE - EA EMPLOYEE	\$	1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						\$	1,000,000
C	Professional Liability		CSU 0041743	10/01/2022	10/01/2023	Ea. Occurrence		1,000,000
						Aggregate Limit		1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Soil Scientist specializing in septic tank site consulting.

Certificate Holder is listed as Additional Insured as required by contract per policy form CG 20 10 12 19.

CERTIFICATE HOLDER	CANCELLATION AI 110833
INSURED COPY	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
-	AUTHORIZED REPRESENTATIVE Hary Lane

I, Julie Breedlove , (owner/applicant) of Lot 64 in Poplar Forest Subdivision

in Watauga County, North Carolina understand that the Licensed Soil Scientist

(LSS) / Authorized On-site Wastewater Evaluator (AOWE) evaluation attached to this application is to be used to issue an Improvement Permit in accordance with G.S.130A-335(a2) and (a3). The plans or

evaluations attached to this application are also to be used to issue a Construction Authorization in

accordance with G.S.130A-335(a2),(a5), and (a6).

North Carolina Session Law 2022-11 Improvement Permit / Construction Authorization Owner Consent Form

I, Julie Breedlove , also relinquish Land Resource Management, PLLC (LRM) of all liability associated with the property identified above beyond the date of the sealed Licensed Soil Scientist (LSS) report. Any site alterations occurring after this date including, but not limited to, driveways, grading, drainage, basements, water supply, bedroom count, (etc.) are the responsibility of the owner and their contractor. LRM will be happy to consult on any modification, or changes upon request. A new dated sealed LSS report will be issued for all approved modifications. I also understand that the attached LSS evaluation will not allow issuance of a Construction Authorization.

Owner Signature

\*\*Note: Please provide a signed authorization document from the property owner if the applicant is not the current owner. \*\*