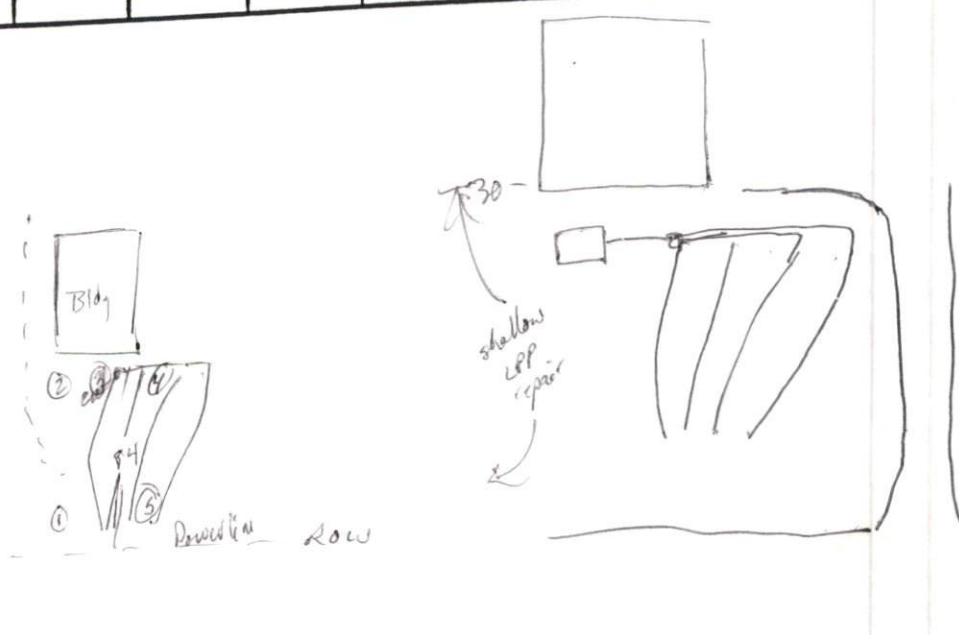


APPLICANT NAME

FACTORS		PROFILES									
		1	2	3	4		6	7	8	9	10
LANDSCAPE POSITION	.1940										
LOPE (%)	.1940										
HORIZON 1 DEPTH		0-18	0-18	8-14	0-18	0-14					
Texture Group	.1941(A)(1)	LS	SEL	LS	LS	LS					
Consistence	.1941	fi	fi	LS							
Structure	.1941(A)(2)	gr	shk	gr							
Mineralogy	.1941(A)(3)	serp	4xp	serp							
HORIZON 2 DEPTH		18-30		14-28	8-30	14-30					
Texture Group	.1941(A)(1)	SEL		SEL	SEL	SEL					
Consistence	.1941	fi		fi							
Structure	.1941(A)(2)	shk		shk							
Mineralogy	.1941(A)(3)	serp		4xp							
HORIZON 3 DEPTH				28+	30+						
Texture Group	.1941(A)(1)			SC	PM						
Consistence	.1941			fi							
Structure	.1941(A)(2)			ma							
Mineralogy	.1941(A)(3)			exp							
HORIZON 4 DEPTH											
Texture Group	.1941(A)(1)										
Consistence	.1941										
Structure	.1941(A)(2)										
Mineralogy	.1941(A)(3)										
SOIL WETNESS	.1942		18			30					
RESTRICTIVE HORIZON	.1944										
CAPROLITE	.1943/1956										
CLASSIFICATION	.1948										
LONG TERM											
ACCEPTANCE RATE	.1955										



# **Southeastern Soil & Environmental Associates, Inc.**

P.O. Box 9321  
Fayetteville, NC 28311-7696  
Phone/Fax (910) 822-4540

August 15, 1998

Mr. Jeff Kulijof  
5305 Blue Sage Drive  
Raleigh, N.C. 27606

Re: Soil/site evaluation, one site on 2.96 acres, NC Hwy. 27, Harnett County, North Carolina

Dear Mr. Kulijof,

A soil/site evaluation has been conducted, at your request, on the aforementioned property. The subject site is located on the north side of NC Hwy. 27 approximately 0.8 miles west of an intersection with NC Hwy. 55. The purpose of the investigation was to determine if soils were acceptable for a subsurface waste disposal system for a small business (domestic waste only, up to 10 employees). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

At least one site was located on the property that contained soils that have suitable properties exceeding 36 inches. The site essentially lie on a linear (2-6 %) landscape. Soil borings conducted in most of this area consisted of 18 or more inches of loamy sand underlain by sandy clay loam extending to 48 or more inches. Soil wetness was typically observed greater than 30 inches below the soil surface. All other soil characteristics were either suitable or provisionally suitable to at least 48 inches.

Based on soil borings and site conditions, this site would be designated provisionally suitable for a conventional waste disposal system (may require the use of pumps, fill, gravelless drainline, etc.) for a typical 10 employee business. The site contains enough provisionally suitable area, as required, to allow for conventional, fill, PPBPS, sand filter, and/or LPP repairs.



Note that this report is based on an area that you designated as being within the property boundary. Should property boundaries be different than what you assume, the results of this test may change.

This report, of course, does not guarantee or represent approval or issuance of permit as issued by the Harnett County Health Department. This report represents my opinion as a licensed soil scientist. Permits will only be granted if health department personnel concur with the findings of this report.

Sincerely,

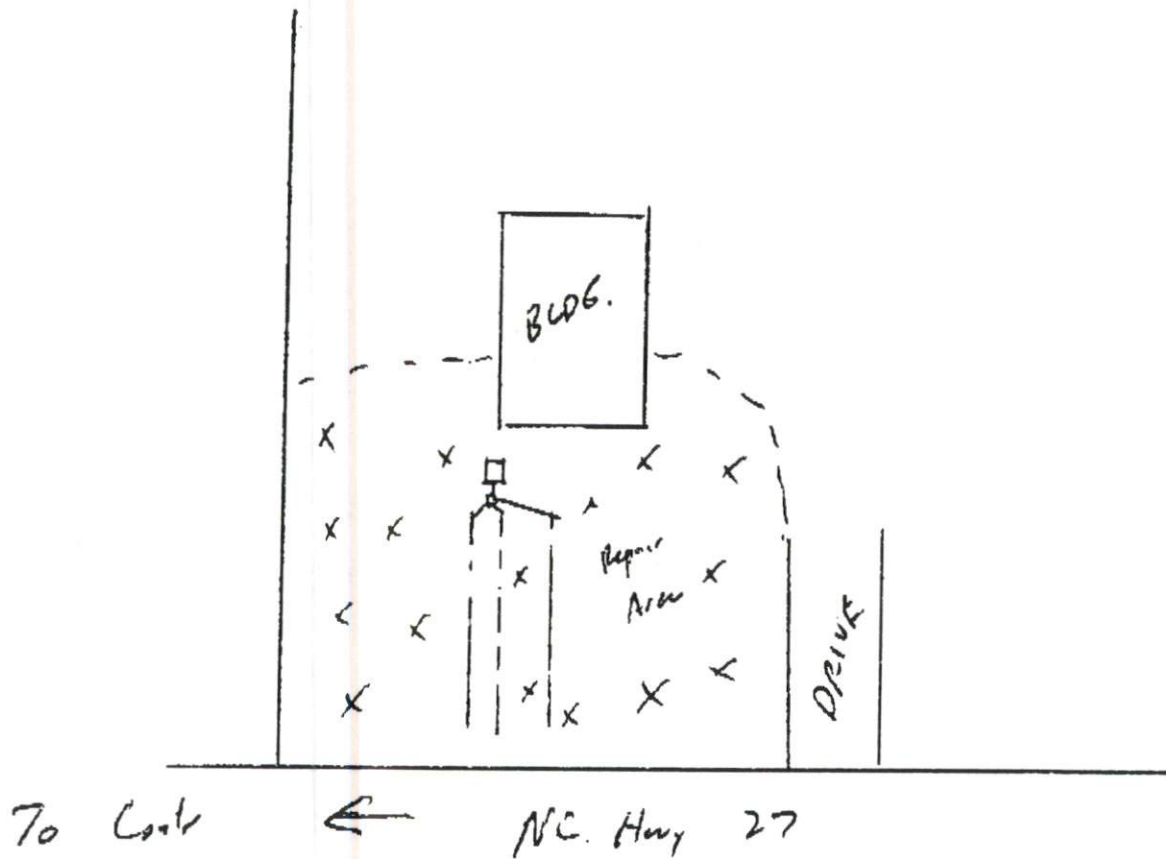


Mike Eaker  
President



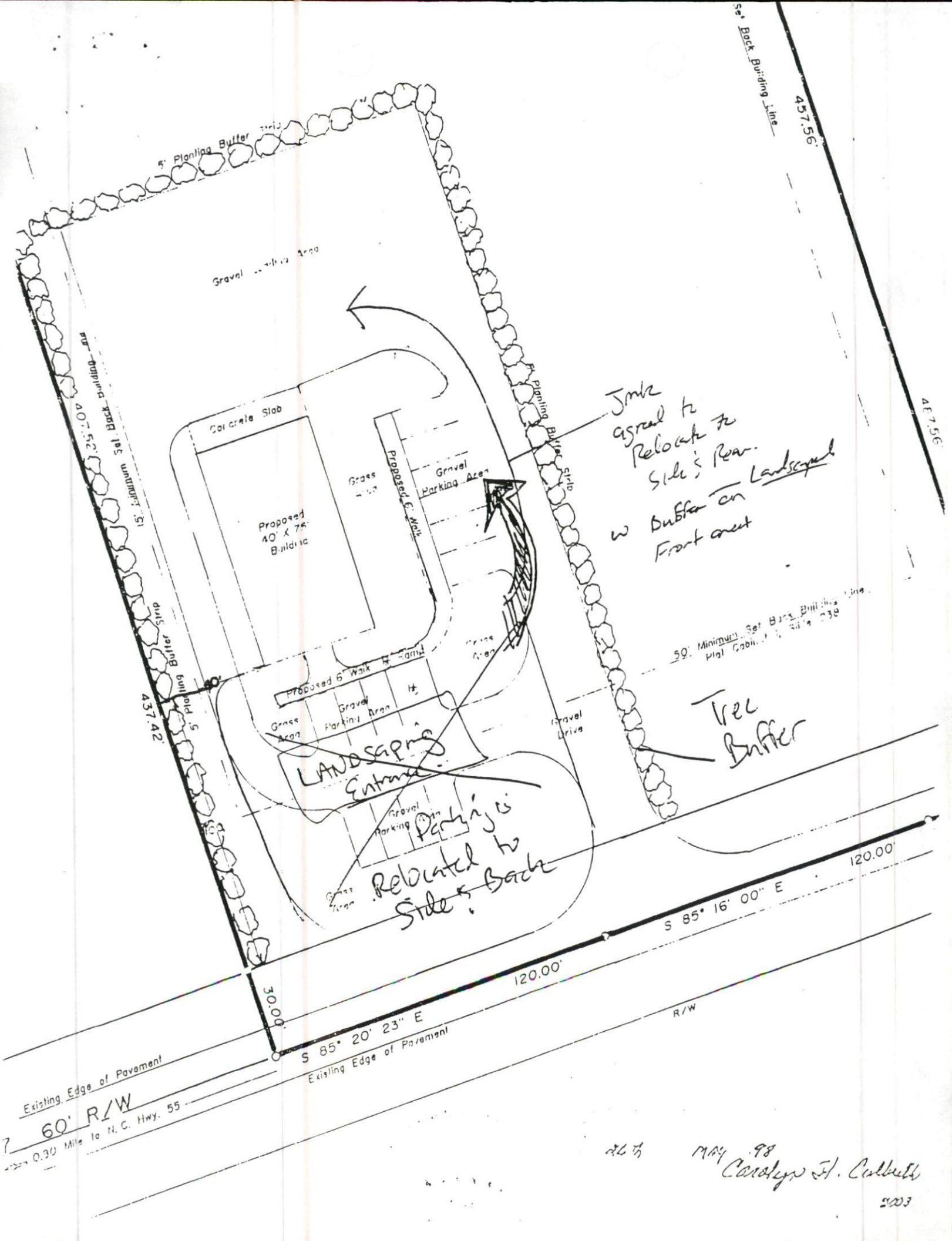
# Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321  
Fayetteville, NC 28311-7696  
Phone/Fax (910) 822-4540



[x] = Useable Soil Area

\* Not to Scale



Jim  
agreed to  
Relocate to  
Side & Rear  
w Buffer on  
Front and  
Landscaped

50' Minimum Set Back Building Line  
High Cabinet 1' 6\"/>

Tree  
Buffer

Relocated to  
Side & Back

Existing Edge of Pavement  
60' R/W  
0.30 Mile to N.C. Hwy. 55

26th MAY 98  
Carolyn H. Corbett  
2003