S&ME, INC.
SITE/SOIL EVALUATION

Project No. _____ Phone No. _____ Date: 2-16-09
Location Lot 11 Pin _____ County: Iredell Property Size _____

Proposed Facility: _____ Water Supply: On-Site Well ☐ Evaluation: Auger Boring ☒
Community ☐ Pit ☐
Public ☐ Cut ☐

Described By: JBP
Weather: _____ Antecedent Moisture _____ Surface Water: _____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L	L		
Horizon Depth I	0-24	0-7	0-14	0-10
Color Munsell	Br	br	Br	R
Texture	scl	scl	scl	c
Structure	wsbk	sg	wsbk	msbk/wsbk
Consistence	SS SP Fr	ss sp fr	SS SP Fr	
Boundary				
Horizon Depth II	24-48	7-34	14-48	10-24
Color – Munsell	RBr	M	R	R
Texture	cl	c	C/cl	C1
Mottles	Ft, C		FS,P	FSap
Structure	Ft, C Sap	m-f sbk	msbk	msbk
Consistence	msbk/wsbk	f-c ss/sp	SS SP Fr	SS SP Fr
	SS SP Fr			
Boundary	Rock may be			
Horizon Depth III	stumphole	34-48		24-42
Color – Munsell		M-dk		R
Texture		cl		C1/1
Mottles		C Sap		CS,P
Structure		W sbk		WSbk
Consistence		f-c ss/sp		SS SP Fr
Boundary				
Horizon Depth IV				42-47
Color – Munsell				YBr
Texture				
Mottles				F cl soil incl.
Structure				mass
Consistence				FF SS NP
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite				
LTAR	[redacted]	3	3	
Classification	PSt, 48"		PSt, 48"	0.3
	3			

3/23/09 Soils were verified by ICHD A.C.

LEGEND

LANDSCAPE POSITION
- R Ridge Interfluve
- S Shoulder
- L Linear Slope
- S Foot Slope
- N Nose Slope
- H Head Slope
- Cc Concave Slope
- Cv Convex Slope
- T Terrace
- P Flood Plain

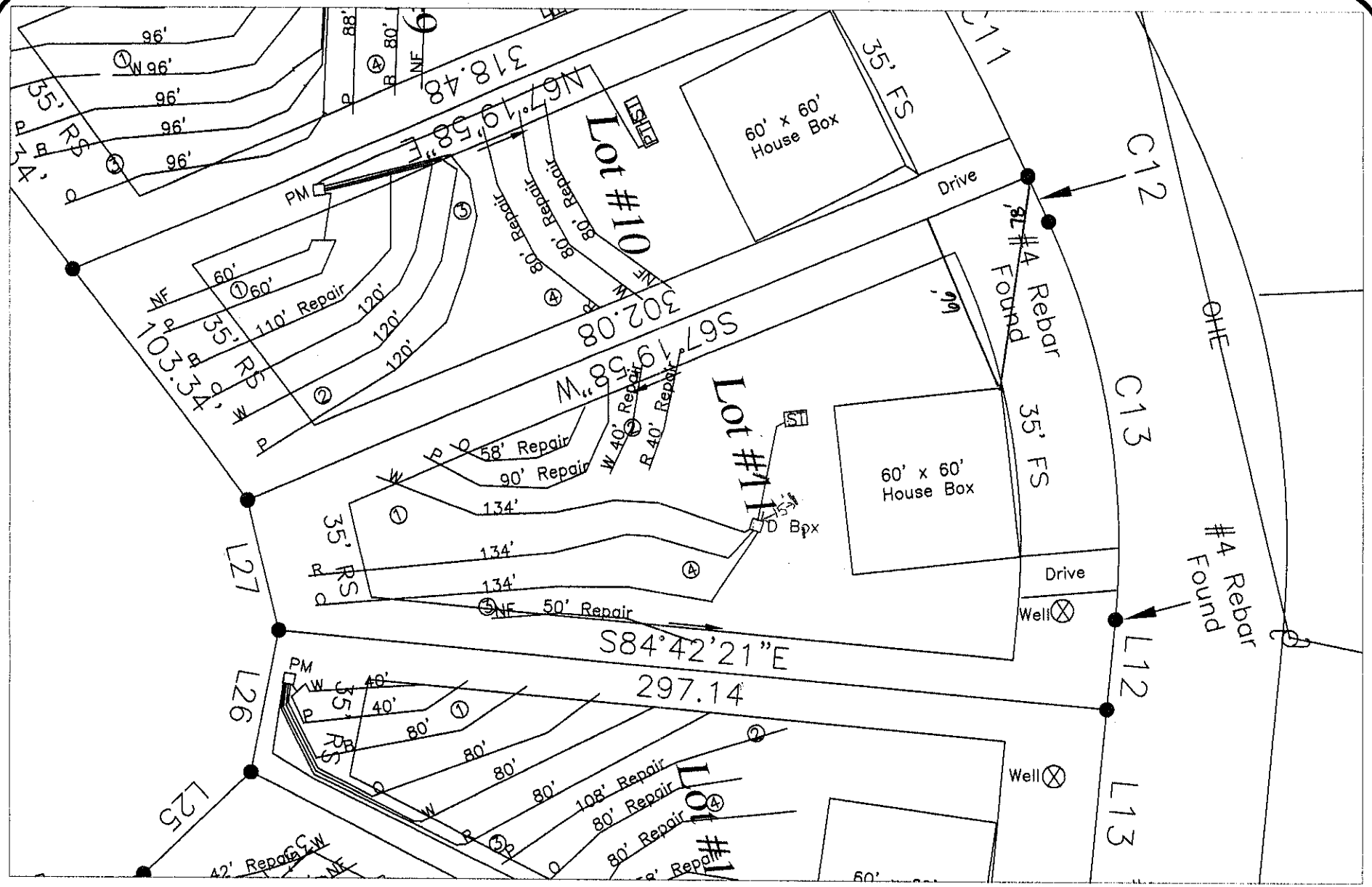
TEXTURE
- s sand
- ls Loamy sand
- sl sandy loam
- l loam
- si silt
- sil silt loam
- sicl silty clay loam
- cl clay loam
- scl sandy clay loam
- sc sandy clay
- sic silty clay
- c clay

CONSISTENCE WET
- Ns non-sticky
- Ss slightly sticky
- S sticky
- Vs very sticky

- Np non-plastic
- Sp slightly plastic
- P plastic
- Vp very plastic

MOIST
- vfr Very friable
- fr friable
- fi firm
- vfi Very firm

STRUCTURE
- sg single grain
- m massive
- cr crumb
- gr granular
- sab subangular blocky
- ab angular blocky
- pl platy
- pr prismatic



SCALE: 1" = 50'	DATE: March, 2009	S&ME	Lot 11	FIGURE NO. 1
PROJECT NO. 1588-09-012	DRAWN BY: KMS	3718 OLD BATTLEGROUND ROAD GREENSBORO, NC 27410 PH. 336-288-7180 FAX. 336-288-8980 WWW.SMEINC.COM	Fern Leaf Subdivision – Kenway Loop. Iredell County, NC	
	CHECKED BY: PGP			