

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: _____ Applicant: _____
 Address: _____ Date Evaluated: _____
 Proposed Facility: _____ Design Flow (.1949): _____ Property Size: _____
 Location of Site: _____ Property Recorded: _____
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.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 (IN.)	.1956 Sapro Class	.1944 Restr. Horiz	
A		0-10	G SL						FS 3
		10-30"	SBK SCL		26"				
B		0-3	G SL						US
		3-11	SBK SC		11"				
		11"	SBK C						
C		0-21	G SL						
		21-	SBK C	F S/P					
FIELD		0-48	G LS	YFR US/MP	CR2 @ 39"				

Description	Initial System	Repair System
Available Space (.1945)		✓
System Type(s)	PUMP CON.	PUMP CON.
Site LTAR	R	R

Other Factors (.1946): _____
 Site Classification (.1948): _____
 Evaluated By: _____
 Others Present: _____

2x75" @ 18"

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

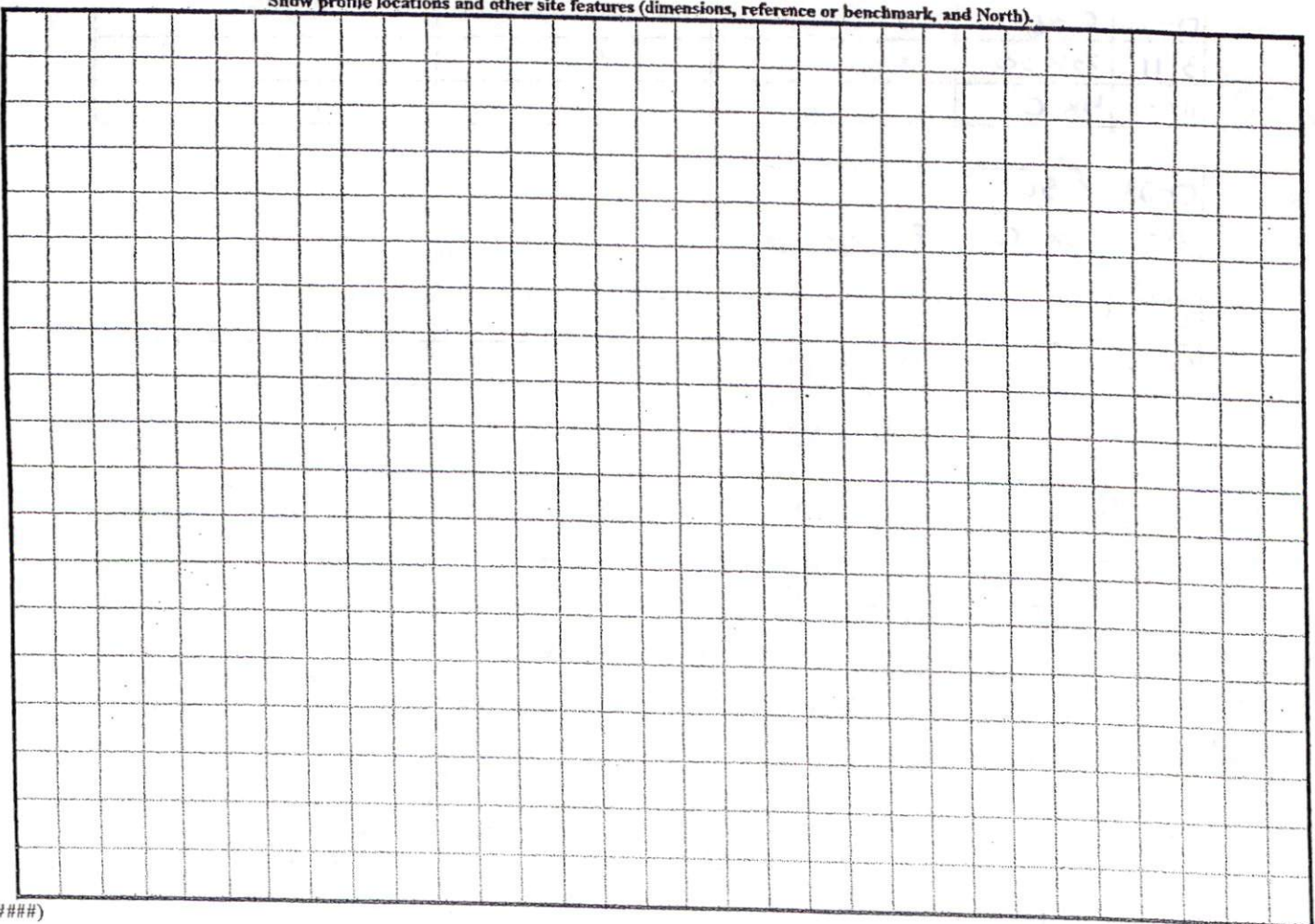
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

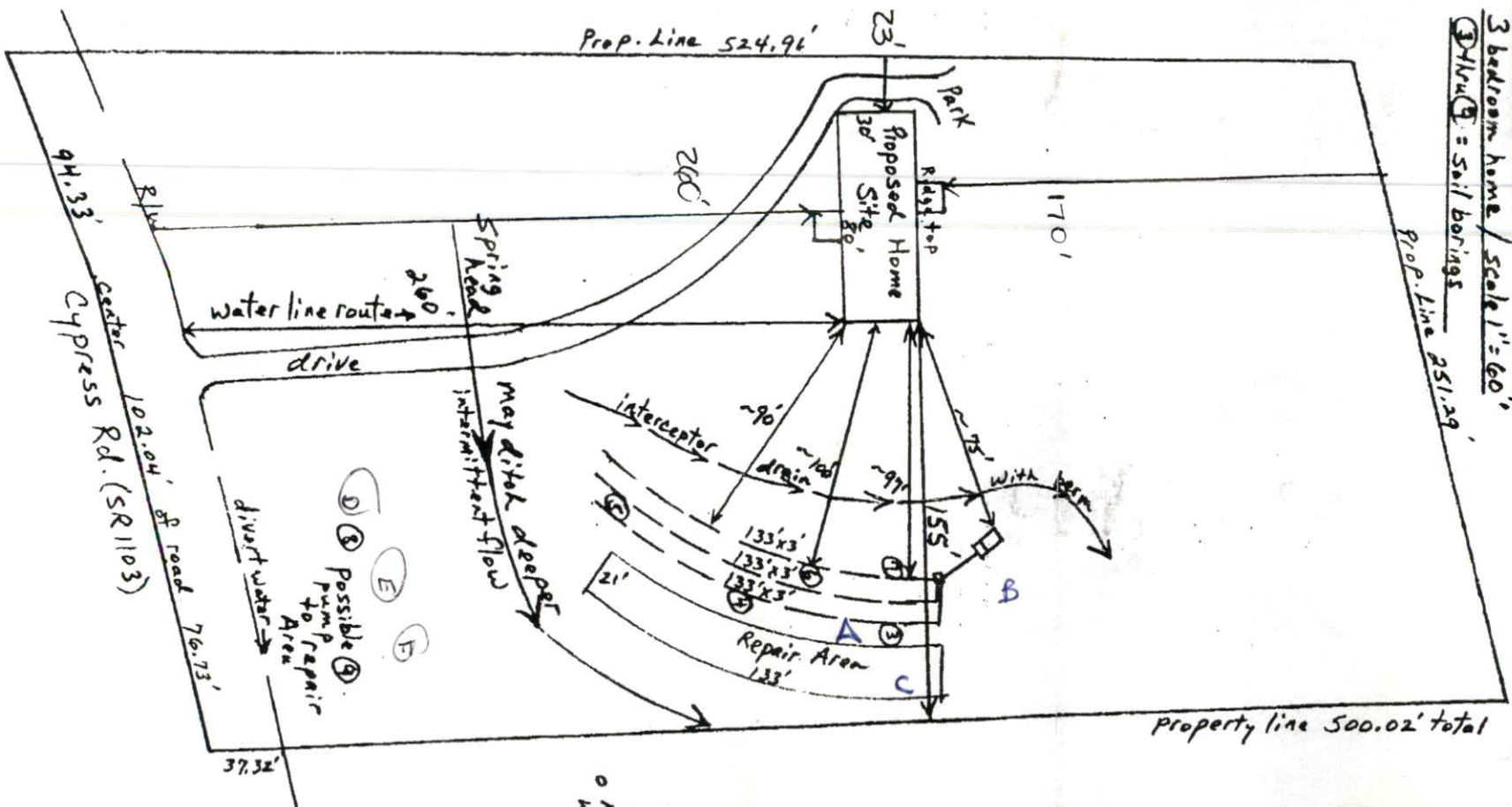
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).



(#####)



Site Plan for: Robert
 3 bedroom home / scale 1" = 60'
 ① thru ⑤ = soil borings

SITE PLAN APPROVAL
 DISTRICT RA20R USE Modular
 #BEDROOMS 3
 11-17-03 D. Dodson
 Zoning Administrator

o Adj. well



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			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Snil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
#1 Blue		0-18	SL	GR FR	7.5YR 4/4				
		18-26	SC	SBR VFI	7.5YR 6/8				
		26+	SC+	SBR VFI	CR2	26"			
#2 Blue		0-12	SL	GR FR	10YR 6/6				
		12-30	ScL	GR FR	10YR 6/6				
		30+	Se	SBR VFI	CR2	30"			
#3 Blue 2x2x4		0-12	SL	GR FR	10YR 6/6				
		12-22	ScL	GR FR	10YR 6/6				
		22-24	Se	SBR VFI	CR2				
		24+	exp. Sc	SBR VFI	CR2	24"			
#4 Blue		0-8	SL	GR FR					
		8-20	ScL	GR FR	10YR 6/4				
		20-26	Sc	SBR FI	10YR 7/6	26"			
		26+	exp. Sc	SBR VFI	CR2				
#5 OMA		0-12	SL	GR FR	2.5YR 5/4				
		12-26	SC		CR2	12"			

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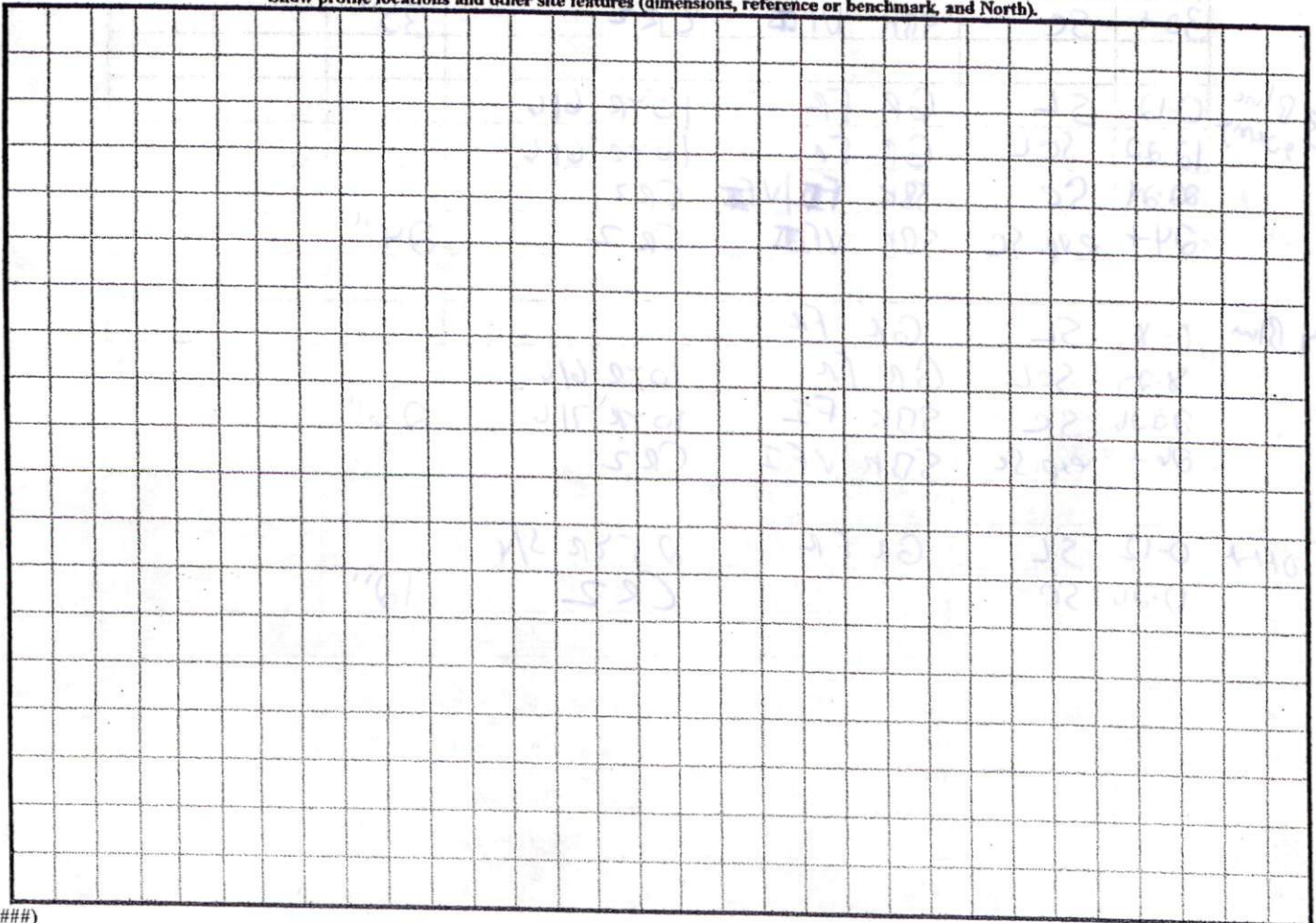
COMMENTS: _____

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R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE					
H-HEAD SLOPE	III	SI-SILT-	0.6 - 0.3	FI-FIRM	VS-VERY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			
CV-CONVEX SLOPE		CL-CLAY LOAM			
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1	VFI-VERY FIRM	NP-NON-PLASTIC
		C-CLAY			
		SC-SANDY CLAY			
		SICL-SILTY CLAY LOAM		EFI-EXTREMELY FIRM	SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

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 Spring Other
 Cut
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#8 Blue		0-30	SL/LS	FR/GK	2.57 7/4					
		30-36	SCL	FR/GK	2.57 6/4	30"				
#8 Y		0-6	Black mud							
		6+	Too wet for me to tell anything							
#9		0-26	SL	FR/GK	2.57 7/4					
		26-30	Free H ₂ O							
		30+	CR2							
#10		0-18	SL/LS	FR/GK	2.57 7/4					
		18-30	SC	SBK/FE	2.57 6/4	30"				
		30"	CR2							
#11	→	18" CR-2				16				
		20" CR2				20				
#12	→	16 CR2				16				
#13	→	exp at 6" CR2 @ 12				6				
#14	→	exp @ CR2 @ 12"				12				
#15	→									

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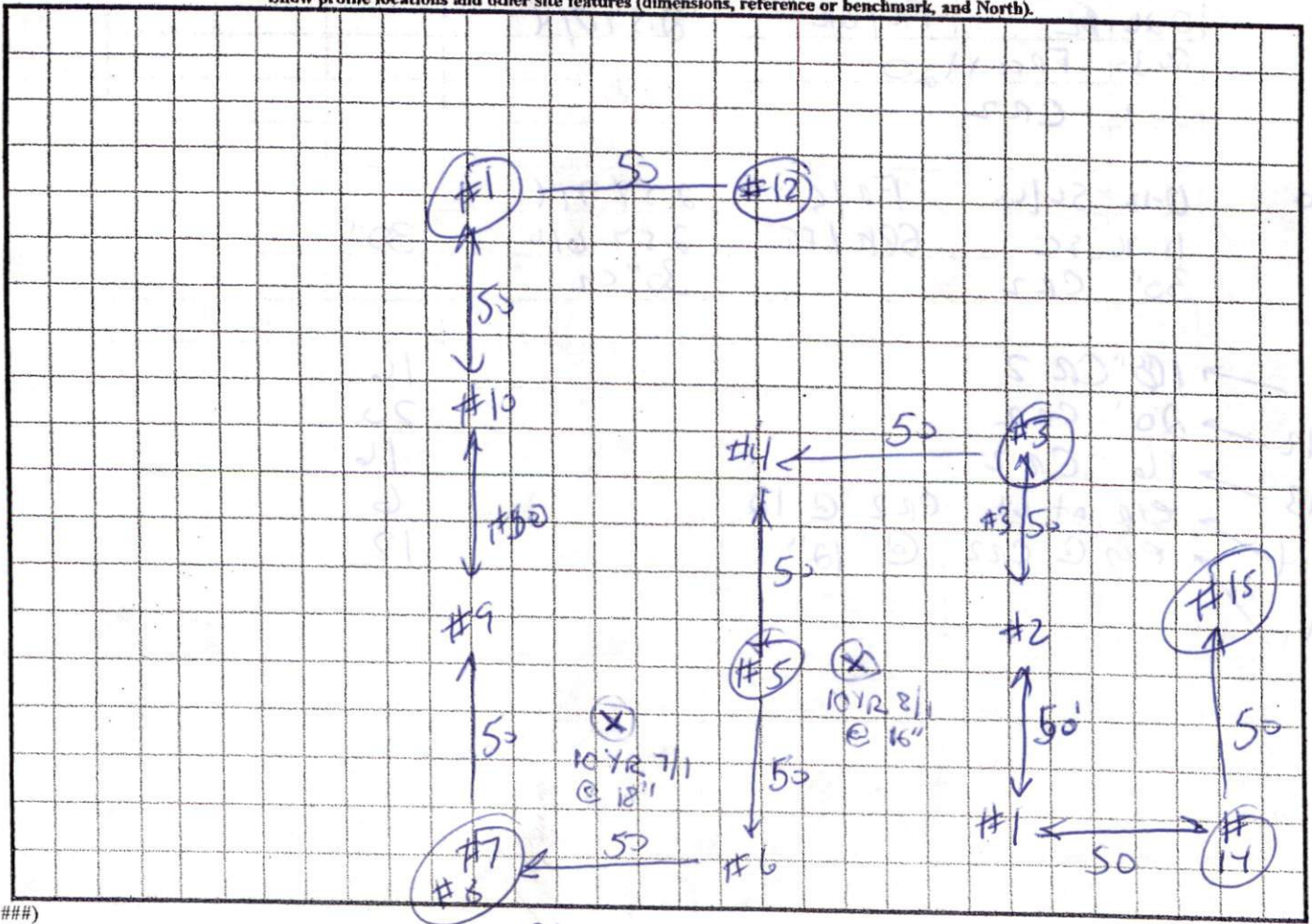
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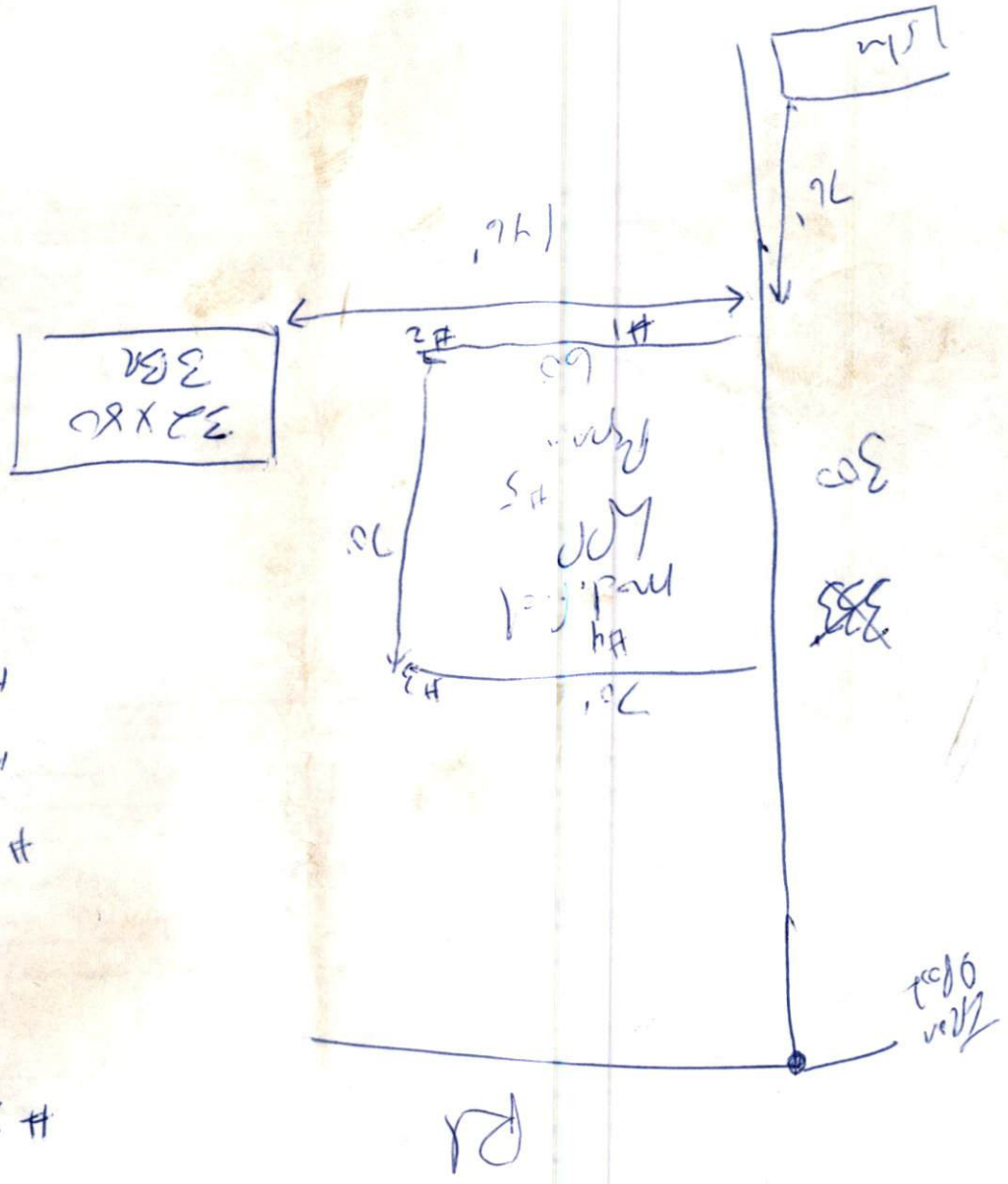
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(#####)

P/L

1 0 26 SL
 @ 6 30 56
 (2 2 25)
 # 2 0-125L
 12-2652
 26-3051
 (2 2 27)
 # 3 (2 2 22)
 # 4 (2 2 20)
 # 5 (2 2 22)



**SITE DATA
SOIL PROFILES**

Geomorphic Descrip. 10/7/03
Upper Coastal Plain
Harnett County, N.C.

Owner Robert + Sherri Doby
 Location Cypress Rd. (SR1103)
 Subdivision _____
 Lot/Section _____
 Size 2.78 Ac.

NOTES:

Assigned L.T.A.R. = .3

	Horizon Depth	Color (Munsell)	Texture (USDA)	Structure (USDA)	Consist. (USDA)	Mineralogy (USDA)	Comments
Profile 7	0-16"		LS	gr	vfr	ns ap	
Landscape	16"-34"		SC	lf, ssk	fi	s p seap	
L	34"±	10YR7/2 mottled	C	m			p.m.
~10% slope							
Profile 8	0-10"		LS	gr	vfr	ns ap	
Landscape	10"-35"		SL	lf, ssk	vfr	ns ap	
L	35"-48"		LS	gr	vfr	ns ap	
~5-6% slope							
Profile 9	0-25"		LS	gr	vfr	ns ap	
Landscape	25"-30"		SC	lf, m, ssk	fi	s p seap	
L	30"±	10YR7/2 mottled	SC	m			p.m.
~5-6% slope							
Profile							
Landscape							
% slope							

NOTES: