

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner:

Applicant: *H+A Construction*

Address:

Date Evaluated: *8/21/06*

Proposed Facility: *3BR*

Design Flow (.1949): *360 gal*

Property Size: *.54A*

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		
1	3-5%	0-20"	LS	Gr	Fr	NSNP					0.6 PS
		20-36	SL	Gr	Fr	NSNP					
		36-48	SCL	SBK	Fr	SSSP	<i>Light SCL</i>				
2	2-3%	0-24"	LS	Gr	Fr	NSNP					0.6 PS
		24-48	SL	Gr	Fr	NSNP					
3	2-3%	0-24"	LS	Gr	Fr	NSNP					0.6 PS
		24-48	SL	Gr	Fr	NSNP					
4	3-5%	0-22	LS	Gr	Fr	NSNP					0.6 PS
		22-48	SL	Gr	Fr	NSNP					

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	<i>25% Rod</i>	<i>25% Rod.</i>
Site LTAR	<i>0.6</i>	<i>0.6</i>

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

COMMENTS: 25 ft setback from ditch; ~~25 ft setback from~~ lines flagged out (300 ft flagged out.) Pump to first line. If plumbing is installed shallow, may not need pump. Install serial distribution on contour 18-24" deep

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

25% Reduction
150 ft. line
25' setback ditch.
~~18' setback ditch.~~

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

- MINERALOGY**
 SLIGHTLY EXPANSIVE
 EXPANSIVE

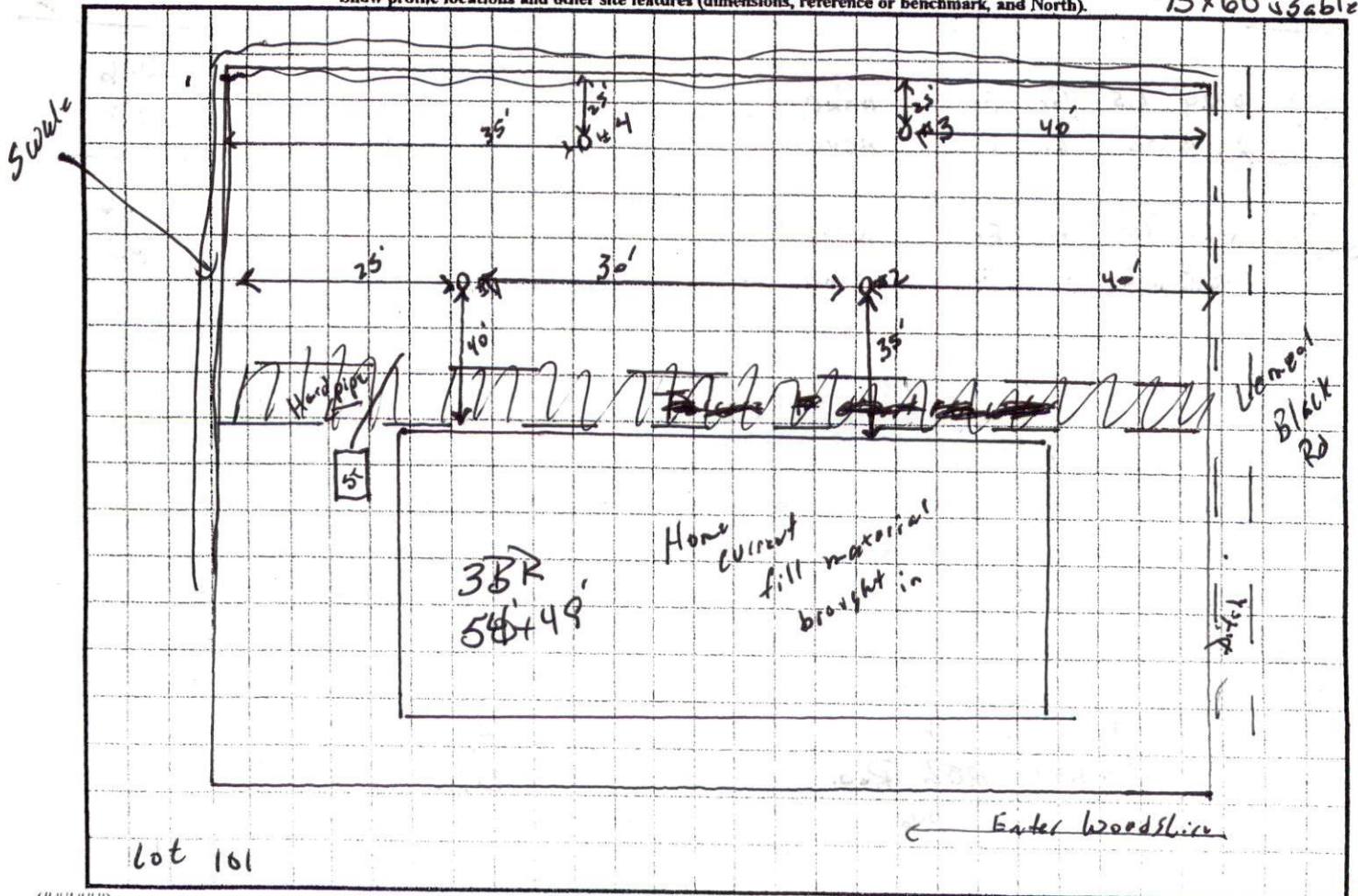
$$\begin{array}{r} 200 \\ 31600 \\ \hline 0.6366 \end{array}$$

25% Red = 150 linear feet.

Swale must be installed before septic system installed.
 Swale must be approved by Health Dept before installation.
 Meet on-site before installation.

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

75x60 usable area



600
 0.6 360
 200
 25' Red
 15' ft
 line

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner:
 Address:
 Proposed Facility: **3BR** Design Flow (.1949): **360 gpd**
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant:
 Date Evaluated: **8/31/06**
 Property Size:
 Property Recorded:
 Spring Other
 Pit Cut
 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			
1	3-5%	0-20	LS	Gc	Fr	NSNP					0.6 PS
		20-36	SL	Gc	Fr	NSNP					
		36-48	SCL	SBR	Fr	SSSP E	Very light SCL				
2	2-3%	0-24	LS	Gc	Fr	NSNP					0.6 PS
		24-48	SL	Gc	Fr	NSNP					
3	2-3%	0-24	LS	Gc	Fr	NSNP					0.6 PS
		24-48	SL	Gc	Fr	NSNP					
4	3-5%	0-22	LS	Gc	Fr	NSNP					0.6 PS
		22-48	SL	Gc	Fr	NSNP					

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
 Site Classification (.1948): **PS** *alc of space* *Hard pipe across drain*
 Evaluated By: **WMC**
 Others Present:

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
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	III	SI-SILT-	0.6 - 0.3	VFI-VERY FIRM	VS-VERY STICKY
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	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

75x60 usable area

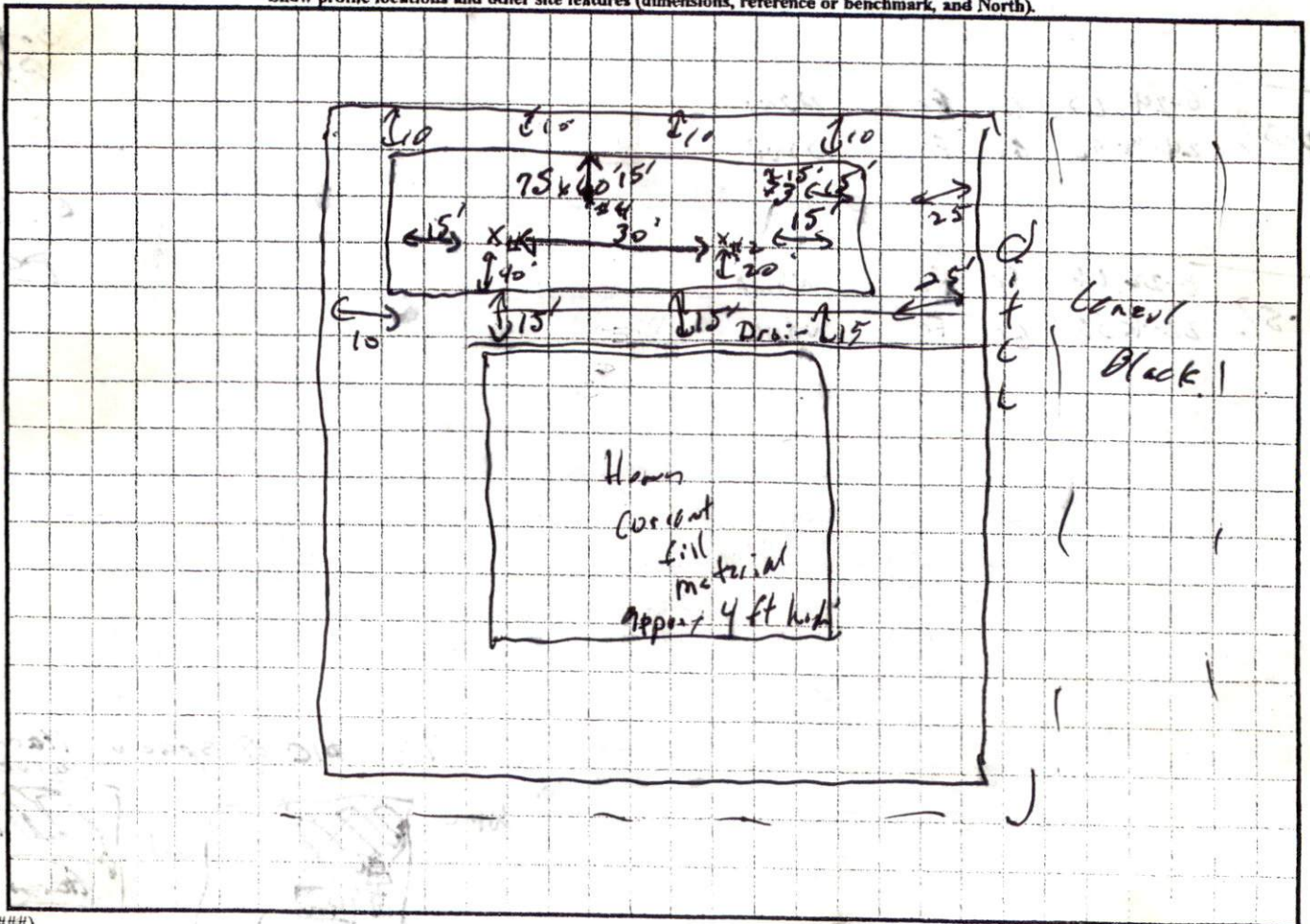
STRUCTURE
 SG-SINGLE GRAIN
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 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE



= flag out area

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



**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: 06-500-14861

Applicant:

Date Evaluated: 06-07-06

Address:

Property Size: .54

Proposed Facility: Home

Design Flow (.1949): 360

Property Recorded: unk

Location of Site: 1125

- 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	
		<u>1240</u>	<u>GR L</u>	<u>VPR 1/2</u>		<u>43</u>			<u>.6</u>
		<u>1240</u>	<u>GR M</u>	<u>VPR 3/4</u>		<u>42</u>			<u>.6</u>
		<u>1240</u>	<u>GR L</u>	<u>VPR 1/2</u>		<u>46</u>			<u>.6</u>
		<u>1240</u>	<u>GR L</u>	<u>VPR 1/2</u>		<u>43</u>			<u>.6</u>
		<u>1240</u>	<u>GR M</u>	<u>VPR 1/2</u>		<u>40</u>			<u>.6</u>

Description	Initial System	Repair System
Available Space (.1945)	<u>/</u>	<u>/</u>
System Type(s)	<u>Gravel</u>	<u>100</u>
Site LTAR	<u>.6</u>	<u>.3</u>

Other Factors (.1946): _____
 Site Classification (.1948): GR
 Evaluated By: [Signature]
 Others Present:

(change to 75% Rd by)

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
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H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
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FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			
		SICL-SILTY CLAY LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC

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