DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4756461545
COUNTY: Fredd

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Samuel Scott
APPLICATION DATE: 10-21-15
ADDRESS: 2228 S. Chapley Ford Rd
DATE EVALUATED: 11-18-15
PROPOSED FACILITY: SFD
PROPOSED DESIGN FLOW (.1949): 600 gpd
PROPERTY SIZE: .733 acres
LOCATION OF SITE: 129 West Meadow View Drive
PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other N/A
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	4% L	0-11	SCL SBK	F. Mod SE	>48"	>48"	>48"	>48"	PS 0.25
		11-30	C ABK	F. Mod SE					
		30-48	BC WSBK	F. Mod SE					
			Lithochromic Models in						
			BC horizon						
2	8% slight LS	0-7	SCL SBK	F. Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		7-25	C MICA WABK	F. Mod SE					
		25-48	BC MICA WABK	F. Mod SE					
3	4% Slight LS	0-10	SCL SBK	F. Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		10-30	C SBK	F. Mod SE					
		30-48	BC MICA WABK	F. Mod SE					
4	7% L	0-8	SCL SBK	F. Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		8-24	C SBK	F. Mod SE					
		24-48	BC MICA WABK	F. Mod SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	IH	IIS
Site LTAR	0.25	0.3

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Just Reveles
OTHER(S) PRESENT: N/A

COMMENTS: N/A

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	WET
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

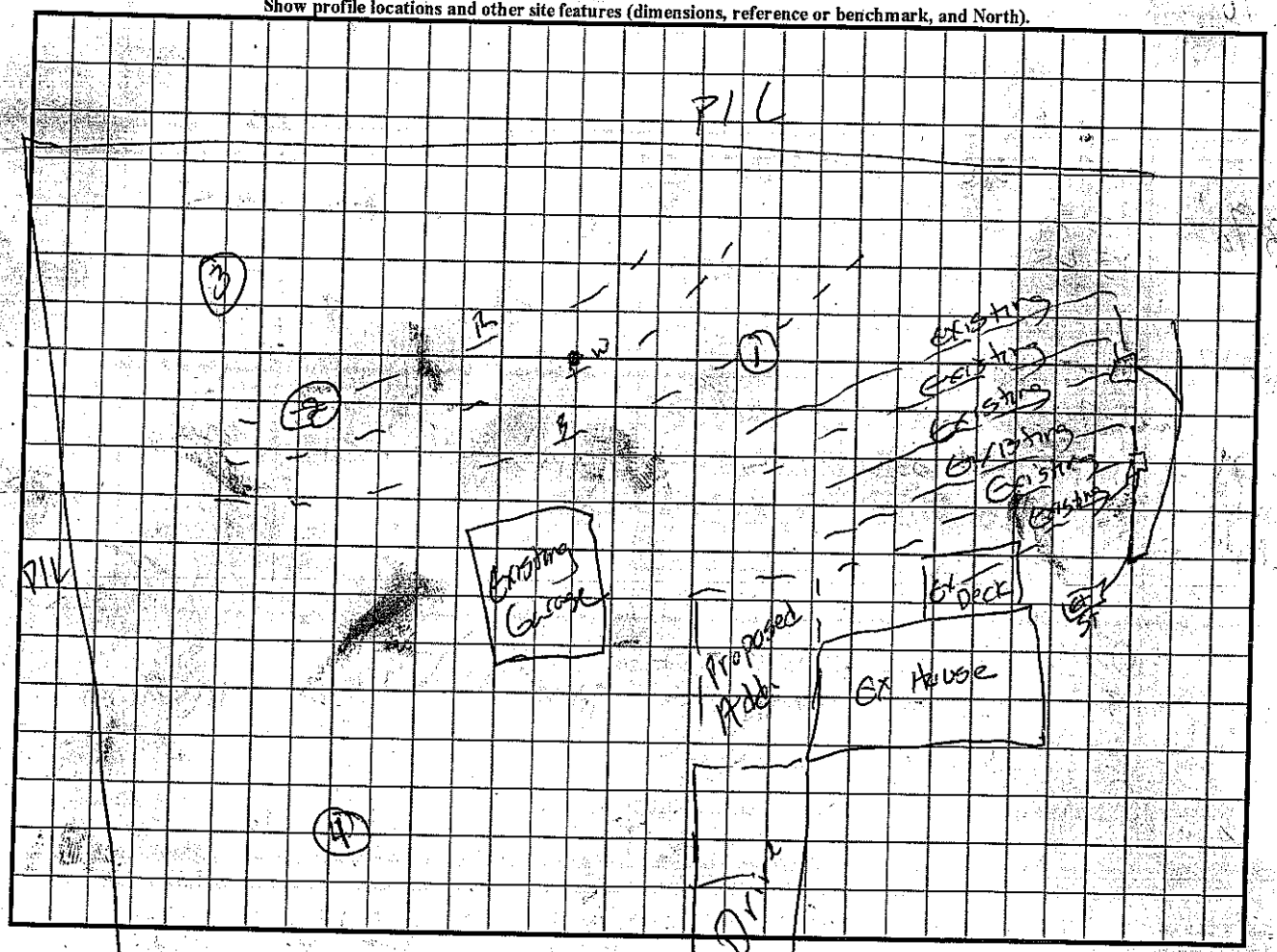
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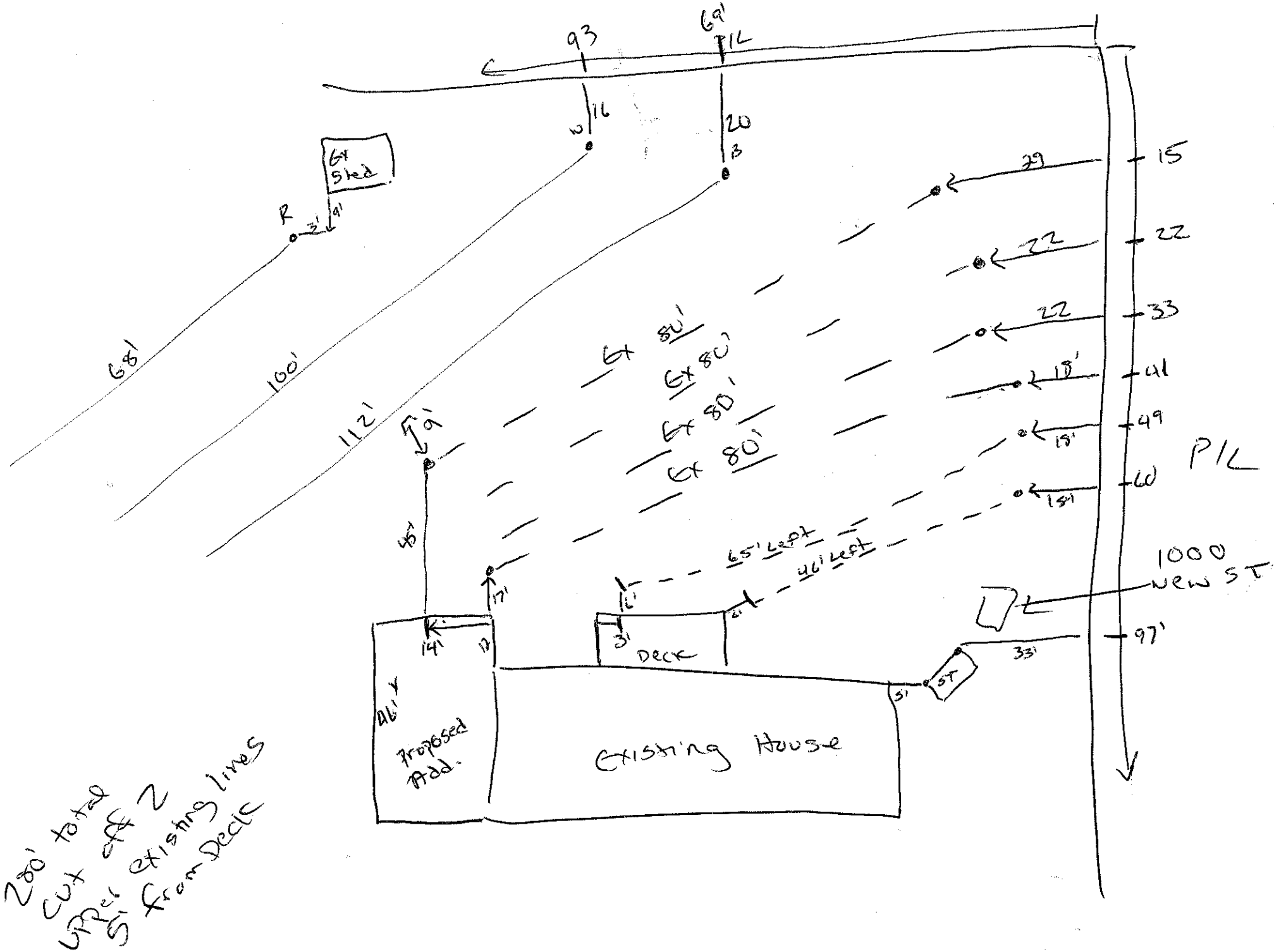
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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




93
69'
PIL
16
20
B
Ex Shed
R
3'
9'
68'
100'
112'
Ex 80'
Ex 80'
Ex 80'
Ex 80'
9'
45'
17'
65' Left
46' Left
1'
4'
3'
Deck
14'
17'
46'
Proposed Add.
Existing House
5'
ST
33'
1000 New ST
PIL
29
22
22
18'
19'
15'
15
22
33
44
49
60
97'
280' total
cut off 2
UPer existing lines
5' from Deck