/DEH

N-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4852626083
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Clayton Homes
ADDRESS: 2026 Northside Drive — APPLICATION DATE 7-8-15
PROPOSED FACILITY: SFD — DATE EVALUATED: 7-22-15
LOCATION OF SITE: 593 Jericho Rd. — PROPOSED DESIGN FLOW (.1949): 360gpd. — PROPERTY SIZE: 6.75 Acres
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A — PROPERTY RECORDED: Yes
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	9% slight HS	0-9	SCL SBK	Fr Mod SE	44"	44"	44"	44"	PS 0.275
		9-32	C micaSBK	Fr Mod SE					
		32-44	BC micaWSBK	Fr Mod SE					
		44	Rock/Floaters 7%						
2	8% slight HS	0-8	SCL SBK	Fr Mod SE	48"	18"	18"	18"	PS 0.3
		8-30	C SBK	Fr Mod SE					
		30-48	BC saprolite WSBK	Fr Mod SE					
	9% slight HS	0-10	SCL SBK	Fr Mod SE	48"	48"	48"	48"	PS 0.275
		10-24	C micaABK/SBK	Fr Mod SE					
		24-48	BC saprolite WSBK	Fr Mod SE					
	19% slight HS	0-8	SCL SBK	Fr Mod SE	18"	18"	18"	18"	PS 0.3
		8-24	C micaABK/SBK	Fr Mod SE					
		24-48	BC micaWSBK	Fr Mod SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
lable Space (.1945)	PS	PS
n Type(s)	II	II
TAR	0.275	0.275

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

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

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

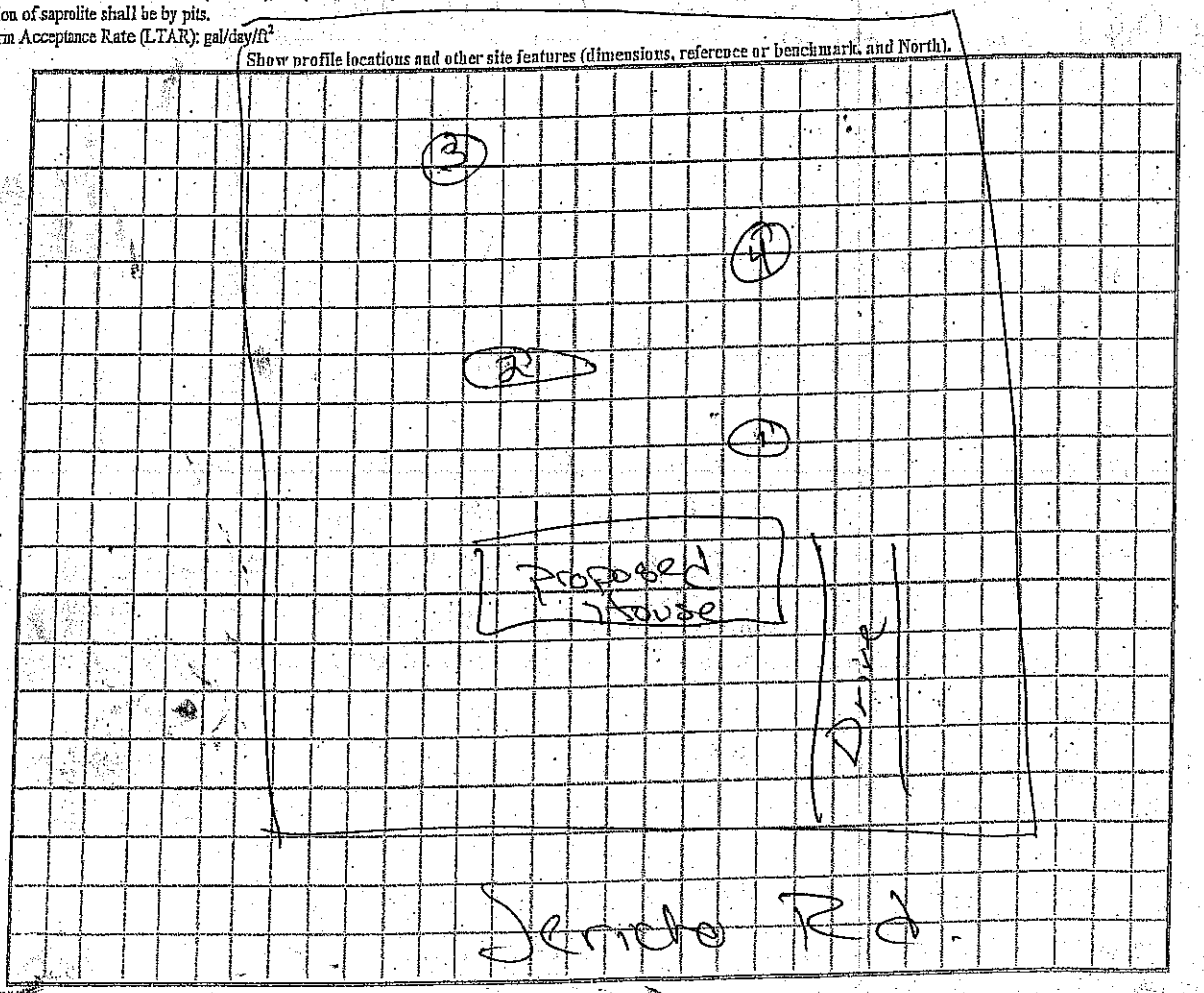
NOTES

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)

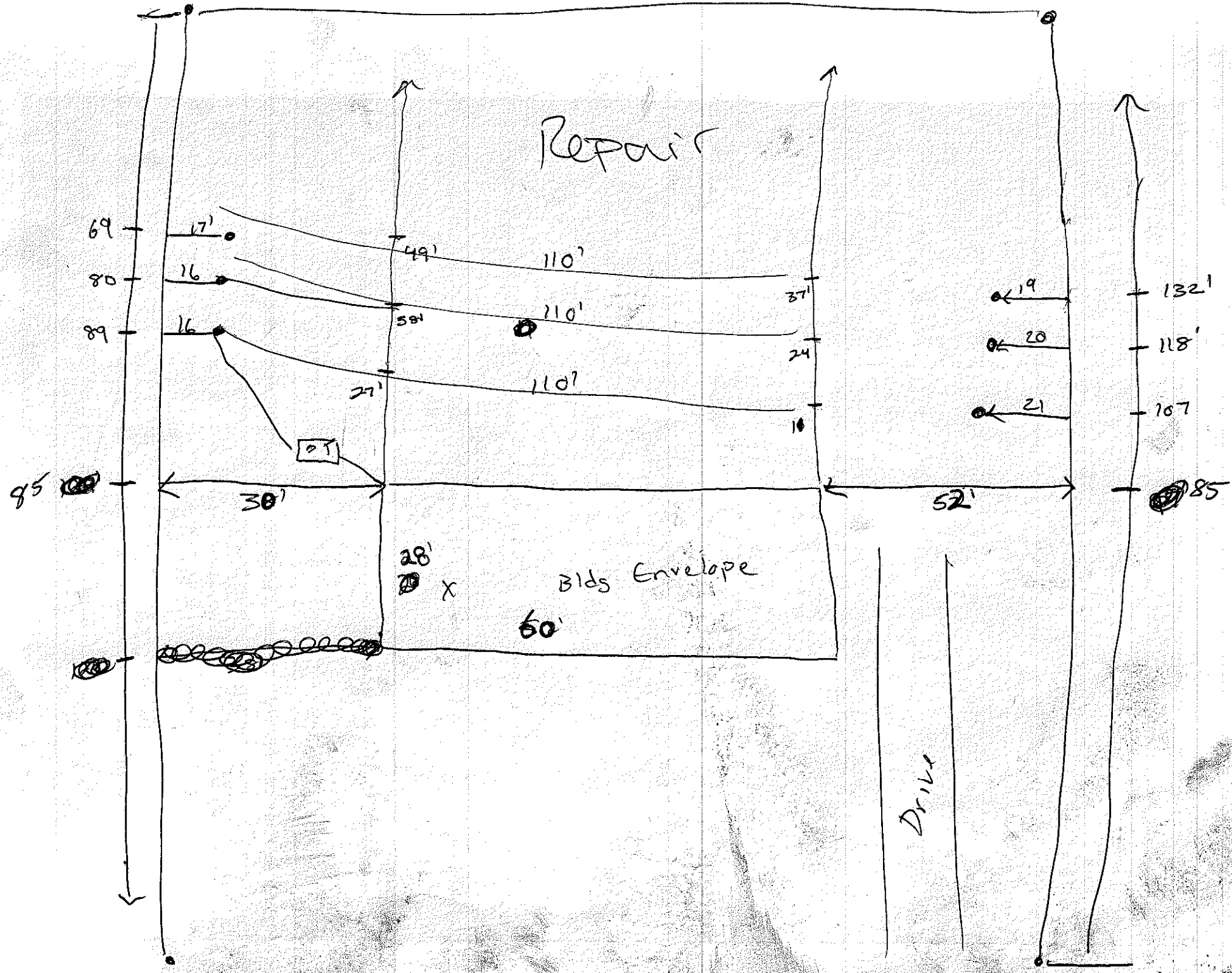
Evaluation of saprolite shall be by pits.

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

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



DENR (######)
Review (######)


Repair
69
80
89
95
17'
16
16
49'
110'
58'
110'
37'
24'
27'
110'
16
30'
52'
28'
X
Bldg Envelope
60'
19
20
21
132'
118'
107
85
Drive