

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: GALT Applicant:
 Address: 573 Solomon Dr Date Evaluated:
 Proposed Facility: SFD Design Flow (.1949): 480 GPD 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	
Pit 1	L	0-4	LS		10YR 6/2	> 48"	-	-	S.4
	2-5%	4-48	SCI		≥ 22"				
Pit 2	L	0-6	LS		10YR 6/1	> 48"	-	-	U
	2-5%	6-48	SCI		< 12"				
A	L	0-4	LS		10YR 6/1	> 48"	-	-	S.4
	2-5%	4-48	SCI		≤ 16"				
B	L	0-4	LS		10YR 6/1	> 48"	-	-	U
	2-5%	4-48	SCI		< 12"				
C	L	0-4	LS		10YR 6/1	> 48"	-	-	U
	2-5%	4-48	SCI		< 12"				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)			
System Type(s)			
Site LTAR			

Proposed Septic Area IS NOT Suitable for System other than Drip
 - LHD Can NOT Design This -

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
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			

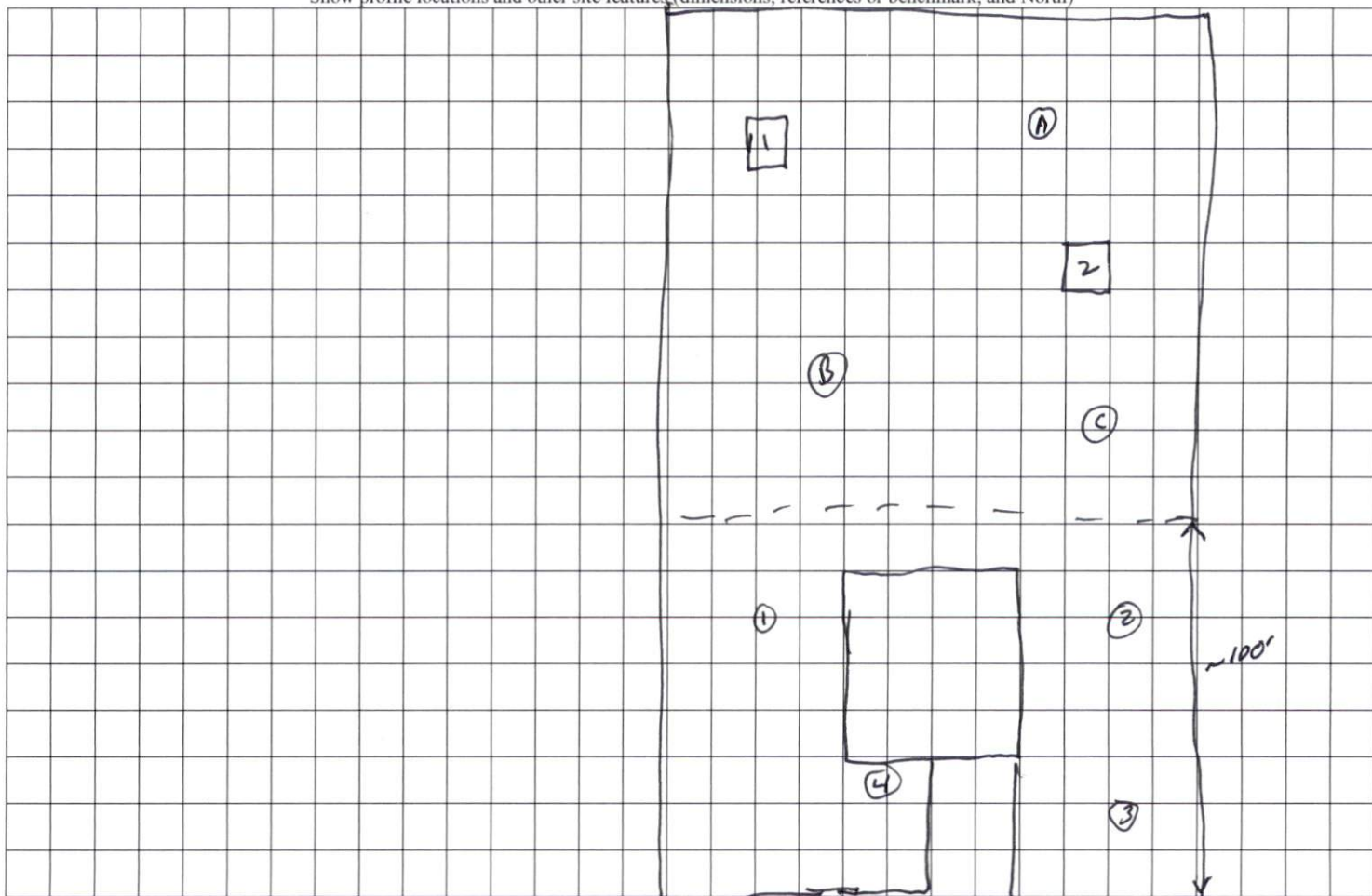
STRUCTURE

- 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, references or benchmark, and North)



Page 2

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

Owner: GALT Applicant:
 Address: 573 Solomon Date Evaluated:
 Proposed Facility: SFD Design Flow (.1949): 380 GPD 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	
1	L	0-20	LS		10YR 6/2	> 40"	-	-	S.4
	2-5%	20-40	SCI		≥ 34"				
2	L	0-28	LS		> 48"	> 48"	-	-	S.4
	2-5%	28-48	SCI						
3	L	0-24	LS		10YR 6/2	> 48"	-	-	S.4
	2-5%	24-48	SCI		≥ 36"				
4	L	0-24	LS		10YR 6/2	> 48"	-	-	S.4
	2-5%	24-48	SCI		≥ 38"				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Evaluated By: <u>S M D BERS</u>
System Type(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Others Present:
Site LTAR	.4	.4	

Suitable for 38r

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
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	C-CLAY	
FP-FLOOD PLAN		SC-SANDY CLAY			

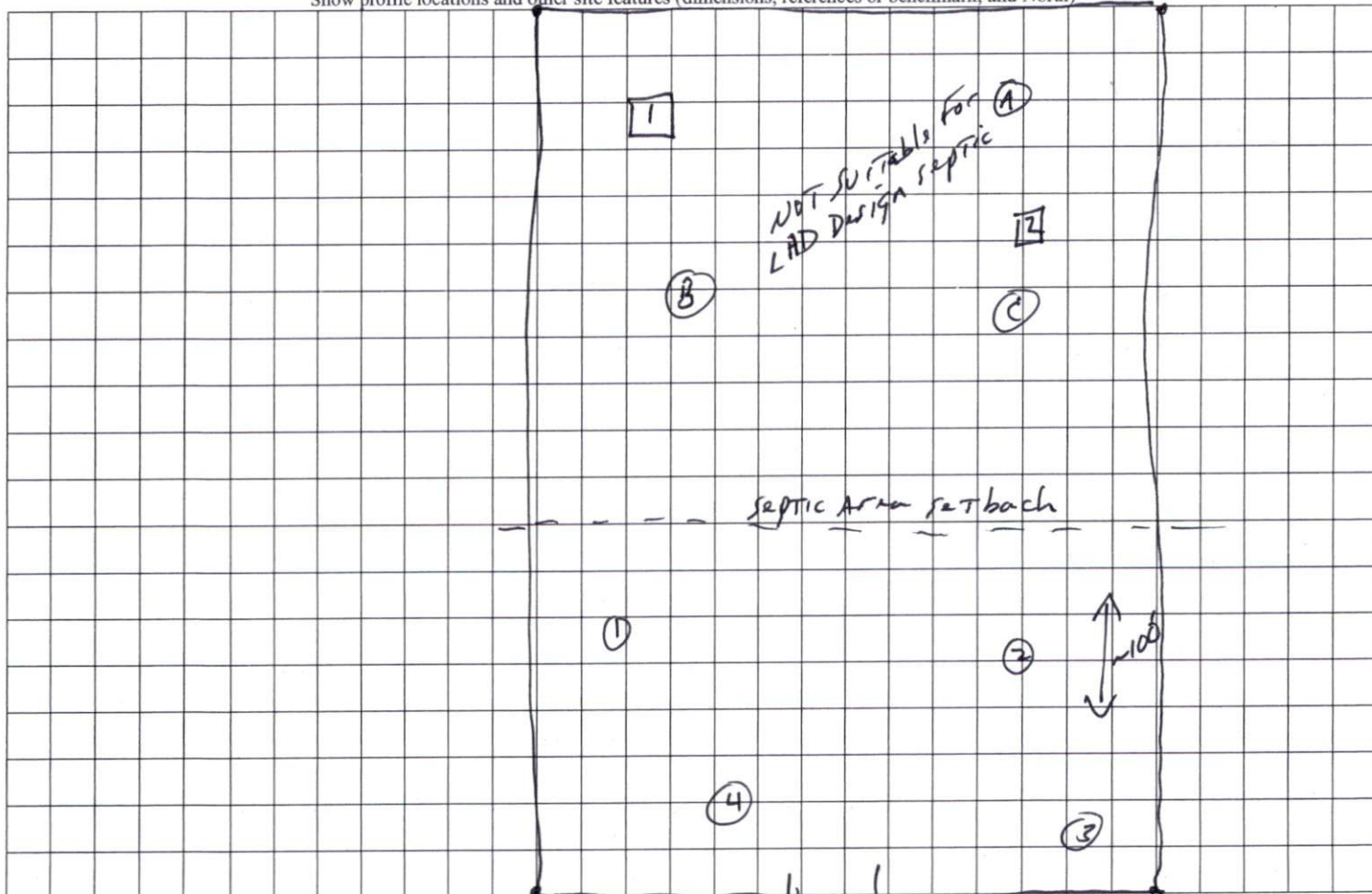
STRUCTURE

- 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, references or benchmark, and North)



SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: LIBERTY MEADOWS

LOT 71

INITIAL SYSTEM: Approved 25% Reduction

REPAIR: Approved 25% Reduction

DISTRIBUTION: SERIAL

DISTRIBUTION SERIAL

BENCHMARK: 100.0

LOCATION TOP ELEC. BOX PAD

NO. BEDROOMS: 3

LTAR 0.4 GPD/FT'

SEPTIC TANK SIZE 1000

PUMP TANK SIZE 1000

LINE	FLAG COLOR	ELEVATION	LENGTH
1	0	97.50	90'
2	R	96.60	90'
3A	0	95.80	45'
			<u>225'</u>
3B	0	95.80	45'
4	R	94.80	100'
5	0/R	93.80	75'
6	R	92.80	40'
			<u>260' AVAILABLE</u>

BY M. EAKER

DATE 7/23/24

TYPICAL PROFILE

0-24" LF (VF, wgt)
24-40" SCL (F, shu)
C 2 ≥ 32"

1 MS. TA AT 18"

**THERE SHALL BE NO GRADING,
 CUTTING, LOGGING OR OTHER SOIL
 DISTURBANCE IN SEPTIC AREA**

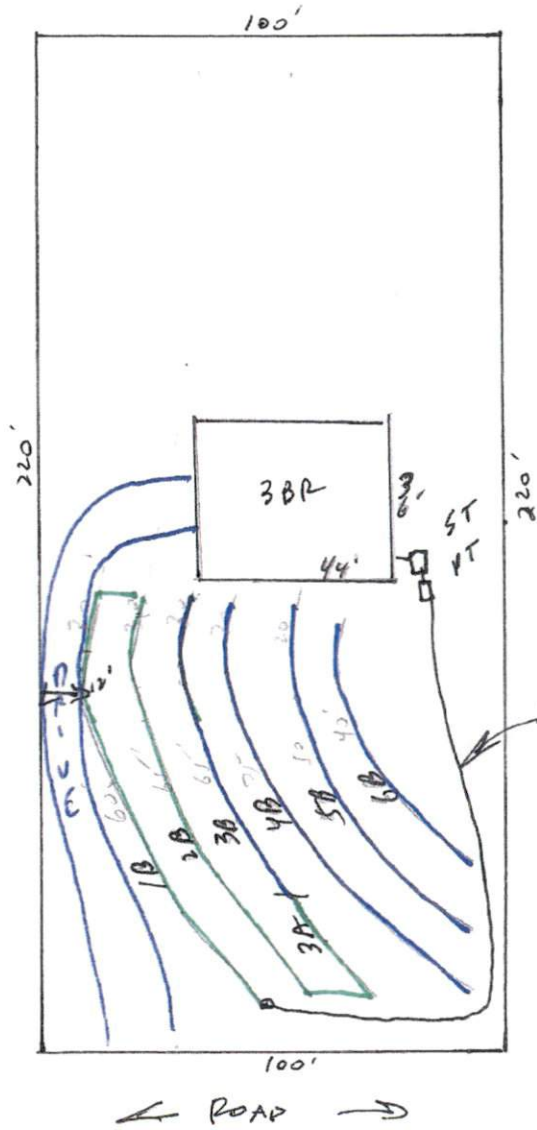
HEALTH DEPARTMENT USE ONLY.

DESIGNS DO NOT GURANTEE FUNCTIONALITY

Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
 Fayetteville, NC 28311
 Phone/Fax (910) 822-4540
 Email mike@southeasternsoil.com

LIBERTY MEADOWS
 LOT 71



3 BR

1B	97.50	0
2B	96.60	R
3B	95.30	0
4B	94.30	R
5B	93.30	0/R
6B	92.30	R

2" 50ft 40
 PVC
 SUPPLY

0.24 LF
 24-4050
 2740"
 0.4920 /ft

* FRONT HOUSE SETBACK 101 FEET
 FROM FRONT PROPERTY LINE

1" = 40'