ICHD - ENVIRONMENTAL HEALTH DIVISION

[Statesville Office (704) 878-5305 x3456] Mooresville Office (704) 660-3625

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # OSWP 2024-56782

PIN # 4749 -- 55 -- 1897

APPLICANT/OWNER: Terry Wayne Martin

APPLICANT ADDRESS: 182 Lentz Rd Statesville NC 28625

SITE ADDRESS: 155 Silhouette Ln Statesville NC 28625

PHONE: (704) 657-1255

ALT. PHONE —

SITE DIRECTIONS: 77 N → Exit 59 → Turn (L) Tomlin Mill → (L) Jennings → (R) Friendship → (L) Silhouette Ln → Lot on (L)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: C McDaniel

SECTION: —

LOT # 90-97

LOT AREA: 0.92ac

DESIGN FLOW: 120 gpd

L.T.A.R.(Initial): 0.3

L.T.A.R (Repair): 0.3

Septic Tank	Ex	(gal)	STB	Ex	Date	Ex	☐ New System	☐ Repair	☒ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% Red			☐ Business	No. Persons	8	☐ Private
Pump Make	—	Model	—		Serial #	—	Repair System Description:	50% Red			☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines	Ext + 1		Linear Ft:	Ex + 102	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36"	*Max. Trench Depth(Initial)	32"		*Max. Trench Depth(Repair)	32"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

* Measured on the downhill side of the trench

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

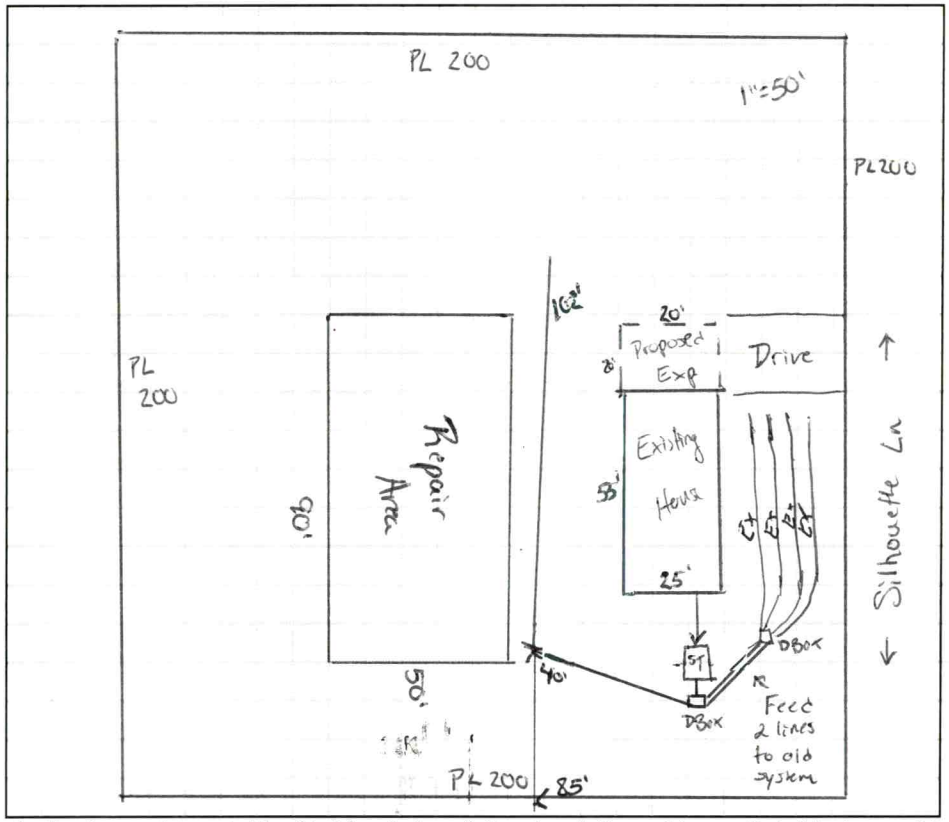
Usable Depth to LC (Initial): 48"

Usable Depth to LC (Repair): 48"

Limiting Condition

Comments / Conditions: Install on contour of the land; do not park on septic area

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Installed as Drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☒ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE Date:

Installed by: Piedmont Backhoe

IMPROVEMENT PERMIT by: [signature] ✓ Date: 7/29/24

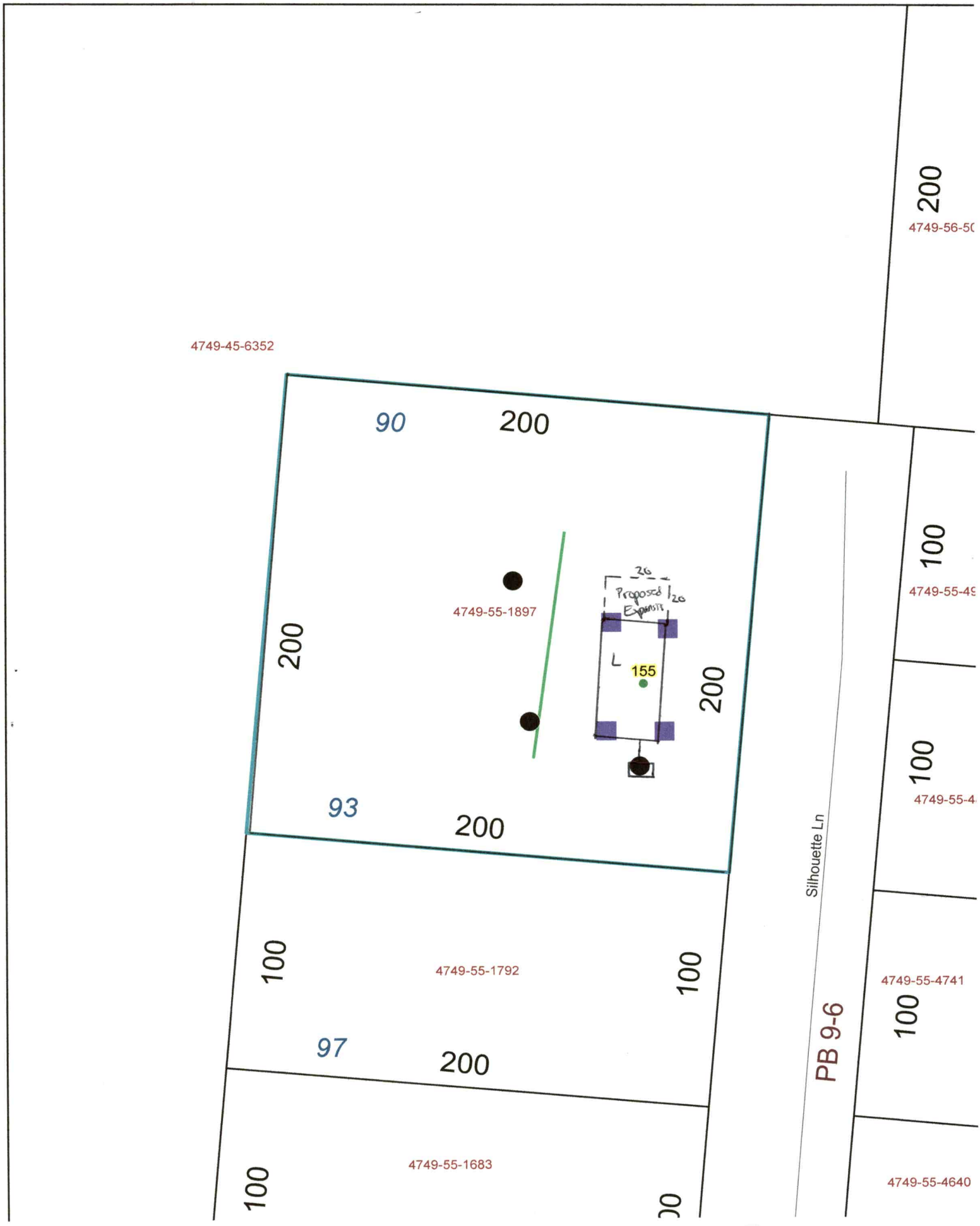
OPERATION PERMIT by: Cory Whit ✓ Date: 1/30/25

AUTHORIZATION TO CONSTRUCT by: [signature] ✓ Date: 7/29/24

Existing System Inspected by: Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	


4749-56-50
200
4749-45-6352
90
200
4749-55-1897
26
Proposed Expansion
20
L
155
200
200
93
200
100
4749-55-49
100
4749-55-4
Silhouette Ln
PB 9-6
100
4749-55-1792
100
97
200
4749-55-4741
100
4749-55-1683
100
4749-55-4640

PERMIT SNAPSHOT REPORT OSWP-2024-56782 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	07/02/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Moore, Bradley	**Approval Expire Date:**	

Description: New addition with bedroom needs septic expansion. Site evaluation scheduled for 7/23/24- BM

Parcel: 4749551897.000 Main	**Address:** 155 Silhouette Ln Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
KEVIN M JR+STACY R STEWART	TERRY WAYNE MARTIN TA TW MARTIN BUILDERS 182 lentz rd 182 LENTZ RD STATESVILLE, NC 28625 Mobile: (704) 657-1255

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	addition 20x24
What are the proposed structures	Bedroom(s) Addition	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain	10x12storagebldg	Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct
Lot Acreage	0.92	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Jul 3 2024 12:00AM
Zoning Permit Expiration Date	Dec 30 2024 12:00AM	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_terry_martin_7/2/2024.jpg	07/02/2024 9:14	martin, terry		Uploaded via CSS
155 SILHOUETTE LN ORIGINAL SEPTIC PERMIT 1991.pdf	07/02/2024 10:29	COMEAUX, DEBRA	Available Online	ORIGINAL SEPTIC PERMIT 1991
20240702091034_v1.pdf	07/02/2024 10:29	martin, terry	Available Online	
20240702091137_v1.pdf	07/02/2024 10:29	martin, terry	Available Online	
20240702090907_v1.pdf	07/03/2024 10:54	martin, terry	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-231031	Requested	OSWP Septic/Well Preliminary Site Visit	07/15/2024	07/16/2024 0:00	07/16/2024 0:00		

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

PROPERTY ID #: 4749 55 1398
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Terry Wayne DATE EVALUATED: 7/23/24
ADDRESS: 182 Lentz Rd Statesville NC 28625
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.0400): _____ PROPERTY SIZE: _____
LOCATION OF SITE: 155 ~~Shd~~ Silhouette Ln, Statesville NC 28625 PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Public ☐ Single Family Well ☐ Shared Well ☐ Spring ☐ Other _____ WATER SUPPLY SETBACK: _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut TYPE OF WASTEWATER: ☐ Domestic ☐ High Strength ☐ IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LSS 4%	4	SCL SBK	SS SP SG Fr	—	—	—	—	0.3	
		32	C SBK	SS SP SE Fr						
		48	CL SBK	SS SP SE Fr						
2	LSS 6%	12	SCL SBK	SS SP SEVFr	—	—	—	—	0.3	
		34	C SBK	SS SP SE Fr						
		48	CL SBK	SS SP SE Fr						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		
Site LTAR		
Maximum Trench Depth		

SITE CLASSIFICATION (.0509): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

Comments: _____

Revised January 2024
Form SSE-24.1

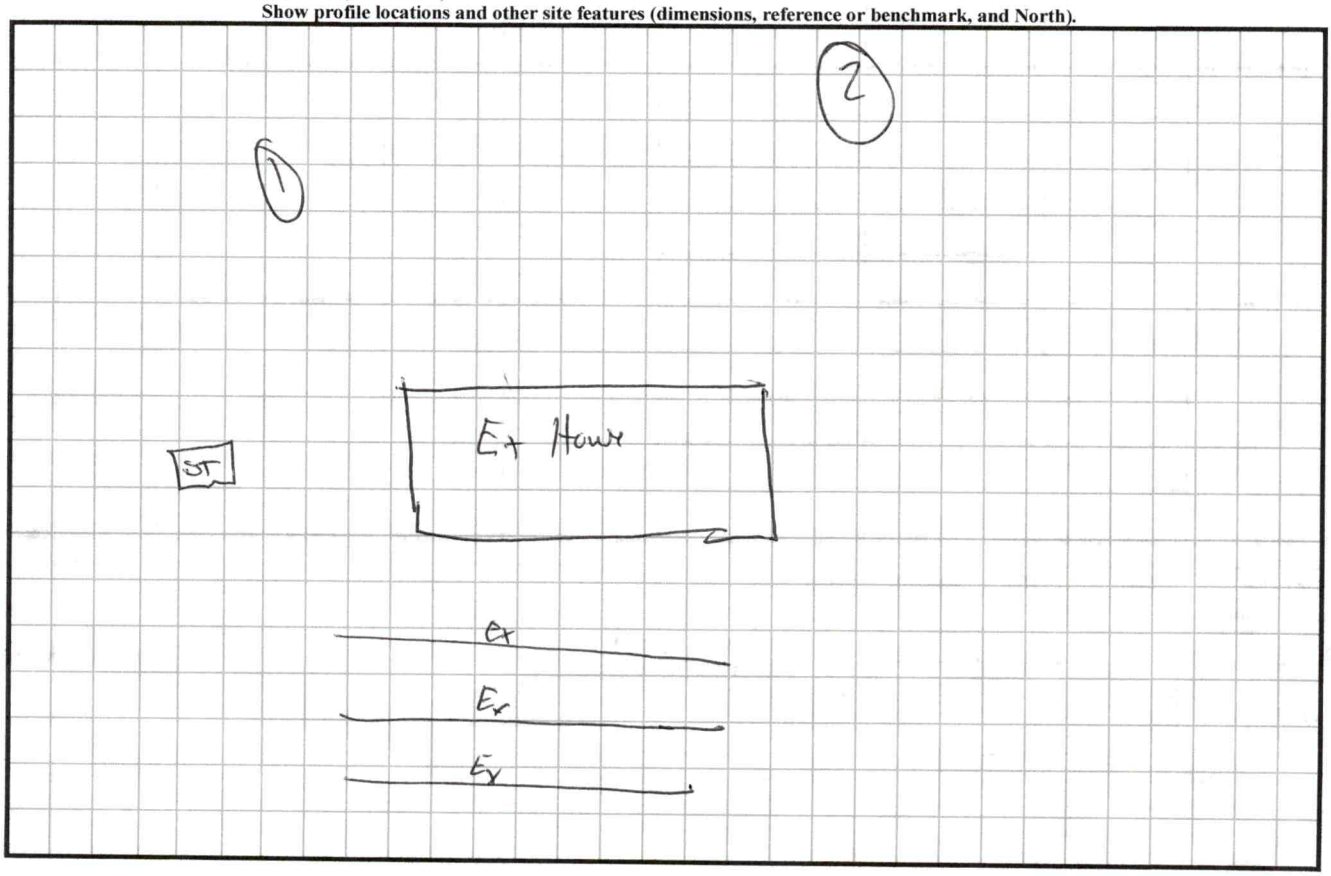
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

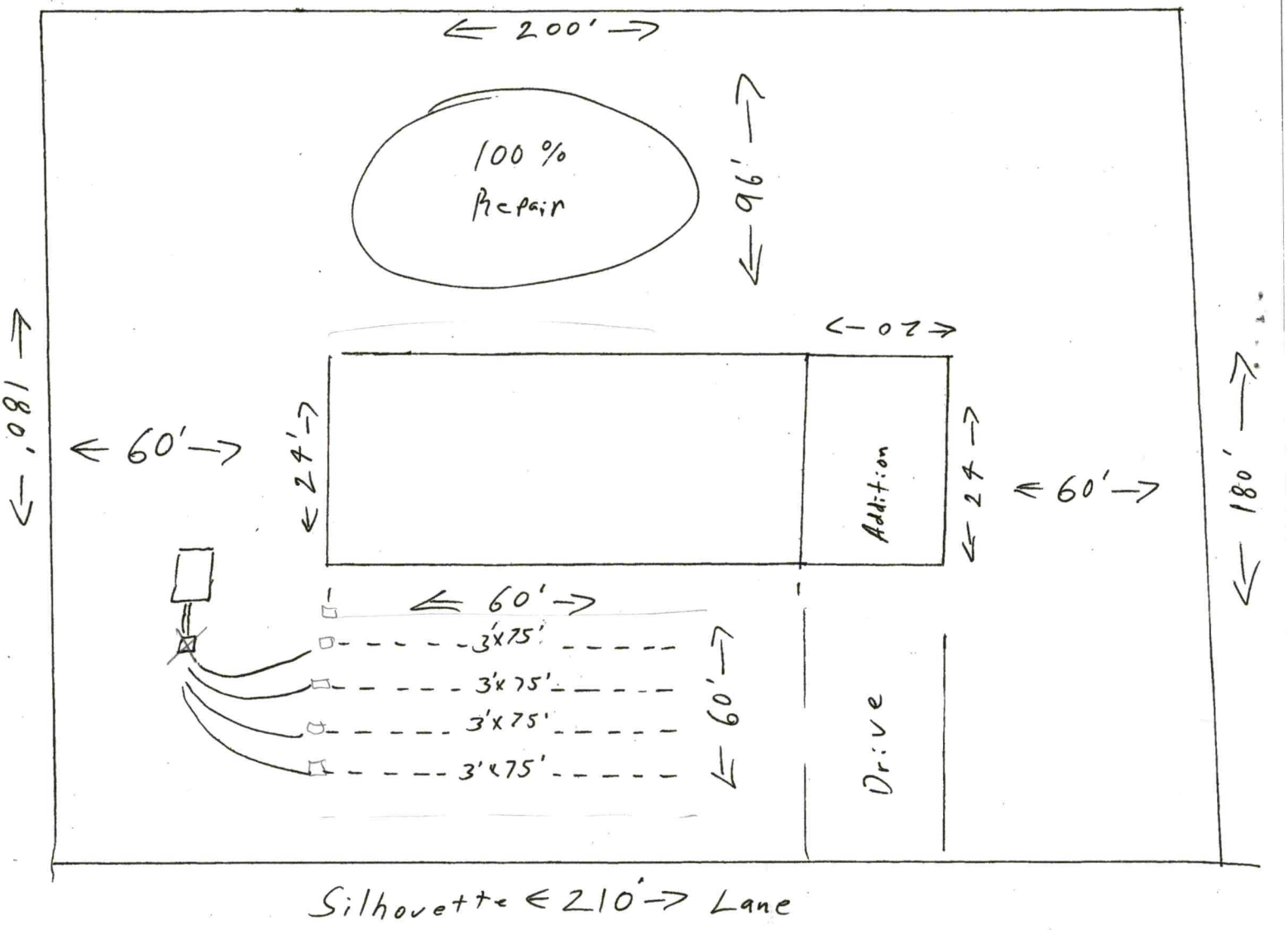
* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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



If on D-Box



→ If all front — remove d-box, set all lines w/ drop boxes