ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-37490
PERMIT: OSWP 2022-8880

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

PIN # 4658 - 27 - 7013 ✓

APPLICANT/OWNER: Taylor Greenlee
APPLICANT ADDRESS: 176 Bay Shore Lp, Mooresville ✓
SITE ADDRESS: 301 Bailey Rd, Mooresville 28117
PHONE: 704-450-6422
ALT. PHONE -
SITE DIRECTIONS: 115 S - Bailey
SAP CONTROLLED: ☐ YES ☒ NO
SUBDIVISION: - SECTION: - LOT # - LOT AREA: 1.27 DESIGN FLOW: 300 gpd
L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.275

Septic Tank	1000	(gal)	STB	Infiltrator	Date				
Pump Tank	1000	(gal)	PT	Infiltrator	Date				
Pump Make		Model			Serial #				
# Nitrification Fields	1	# Lines	4		Linear Ft	300'			
Trench Width	30in	*Max. Trench Depth(Initial)	36 max		*Max. Trench Depth(Repair)	36 max	Gravel Depth	-	

* Measured on the downhill side of the trench

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: 25% reduction
Repair System Description: 50% reduction
Maintenance Agreement Required: ☐ YES ☒ NO
☐ GRAVITY ☒ PRESSURE
Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40
Usable Depth to LC (Initial): 48in

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing
No. Bedrooms 3 No. Persons 6 No. Employees — ☐ Crawl Space ☐ Basement w/o plumbing
Usable Depth to LC (Repair): 48in *Limiting Condition*

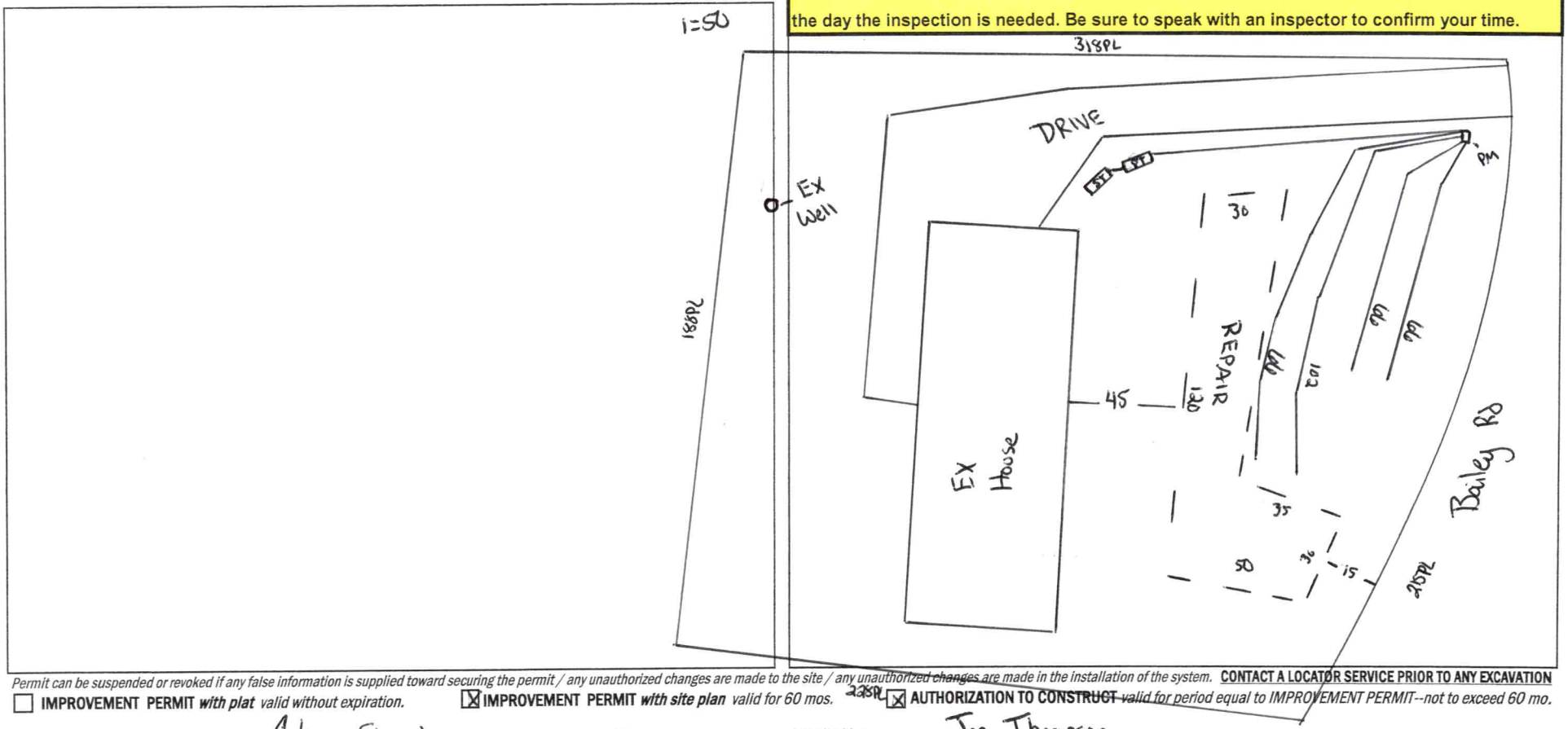
Water Supply
☒ Private ☐ Public ☐ Community

Comments / Conditions:

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.



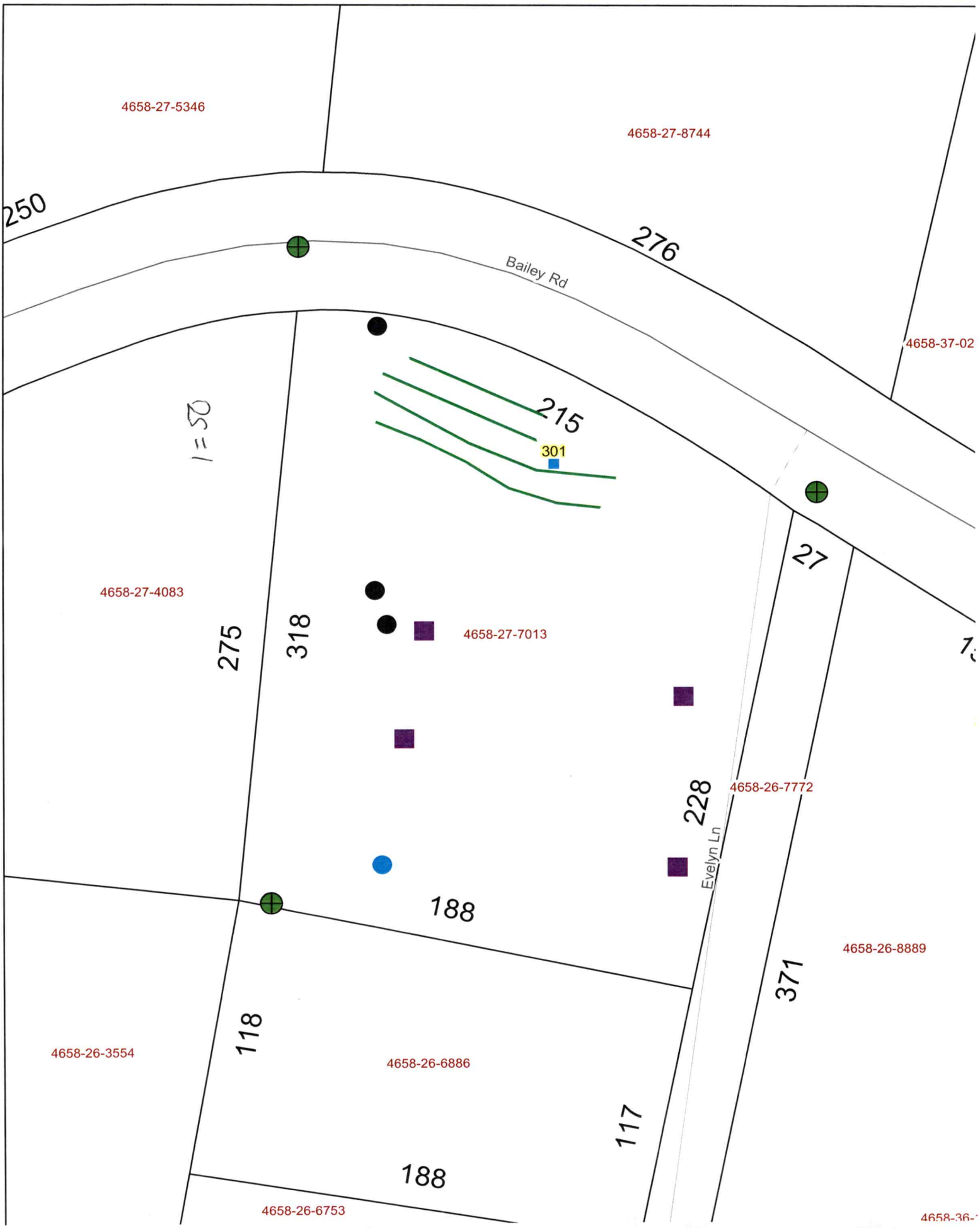
Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **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 Signature Date:
Installed by: Joe Thompson ✓
IMPROVEMENT PERMIT by: Cay Wilson Date: 8/26/24
OPERATION PERMIT by: Date: 8/26/24
AUTHORIZATION TO CONSTRUCT by: Cay Wilson ✓ Date: 8/26/24
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? _____	


4658-27-5346
4658-27-8744
250
276
Bailey Rd
4658-37-02
215
301
1=50
4658-27-4083
275
318
4658-27-7013
27
228
4658-26-7772
Evelyn Ln
188
4658-26-8889
371
118
4658-26-3554
4658-26-6886
117
188
4658-26-6753

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

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

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

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 3/5/23
PROPOSED FACILITY: 3 bd/r home PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: _____
LOCATION OF SITE: 301 Bailey Rd PROPERTY RECORDED: _____
WATER SUPPLY: Private Public Well Spring Other _____
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X 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	Side 5%	0 - 10	Fill		-	48	SAP CL	inc in layer	.3 PS
		10 - 27	C SBK	SS SP FR SE					
		27 - 48	CL SBK	SS SP FR SE					
2	Side	0 - 12	Fill		-	48	SAP CL (old barn Pit)	inc in layer	.275 PS
		12 - 31	C ABK	SS SP FR SE					
		31 - 48	CL SBK	SS SP FR SE					
3	Side	0 - 10	Fill		-	48	SAP CL	inc in layer	.3 PS
		10 - 25	C SBK	SS SP FR SE					
		25 - 48	CL SBK	SS SP FR SE					
4	Side	0 - 10	Fill		-	48	SAP CL	inc in layer	.3 PS
		10 - 25	C SBK	SS SP FR SE					
		25 - 48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Cory Whitker
OTHER(S) PRESENT: _____

COMMENTS: _____

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) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None	None		

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

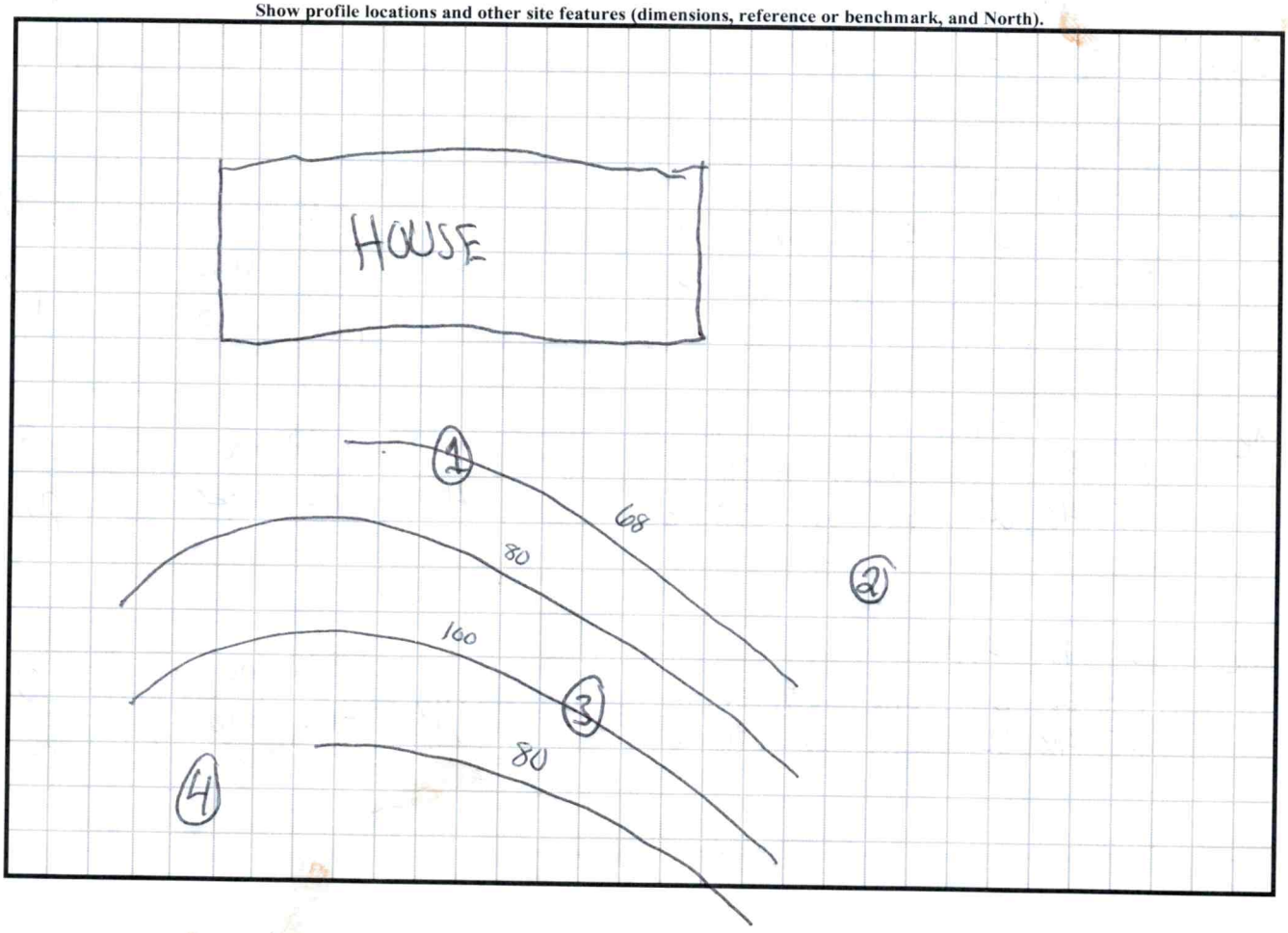
NOTES

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).



	Date	Initials
Drain Lines Checked	8/6/24	DW
Tanks Checked	8/6/24	DW
Pressure Manifold or Valve Box Checked	8/6/24	DW
Pressure Head Set	8/26/24	DW
Electrical Checked	8/26/24	DW
Floats Set	8/6/24	DW
Alarm Checked	8/26/24	DW
Maintenance Contract Y / (N)		