ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-25128

PERMIT # 2023-30714

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

PIN # 4639 -- 39 -- 0503

APPLICANT/OWNER: Bryan Clodfelter APPLICANT ADDRESS: 1808 Triplett Rd, Mt Ulla

SITE ADDRESS: 203 Timber Lake Dr, Troutman 28166 PHONE: 704-634-2500 ALT. PHONE —

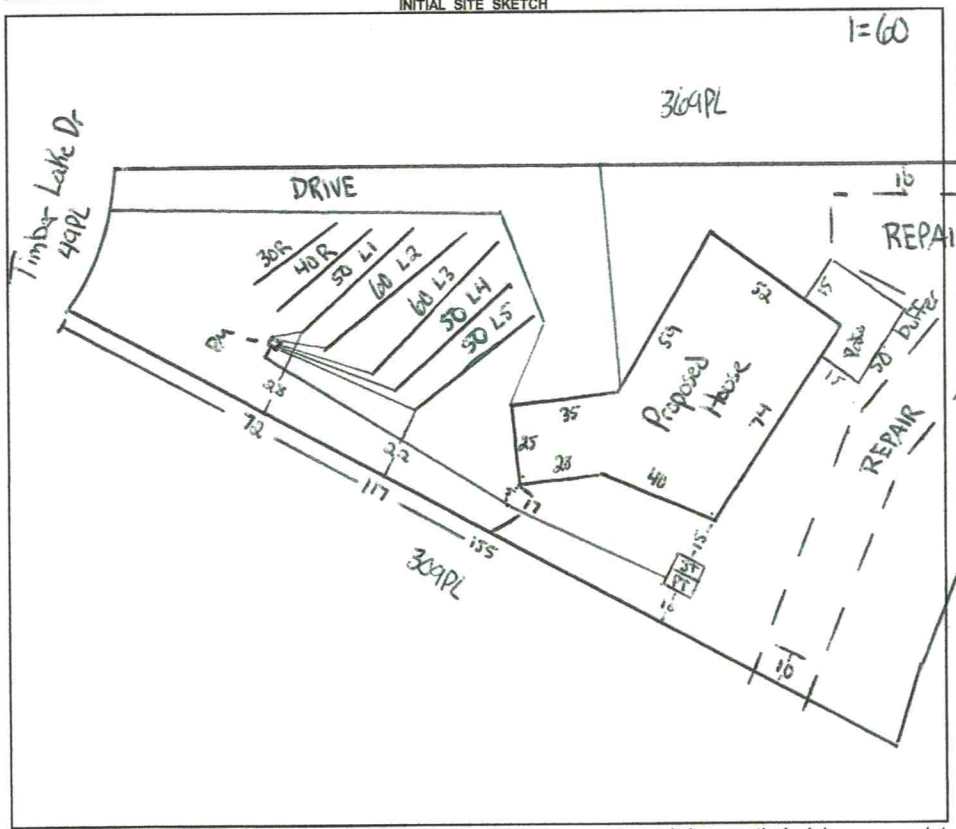
SITE DIRECTIONS: Morrison Farm - Emerald Creek - Timber Lake SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Falls Cove - Parkwood SECTION: 2 LOT # 627 LOT AREA: 0.947 acres DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date —	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank	1000	(gal)	PT 363	Date —	System Description: VPPBPS (PM)				☐ Business	No. Persons 8	☐ Private
Pump Make			Model	Serial #	Repair System Description: TS11 DRIP				☐ Other	No. Employees	☒ Public
# Nitrification Fields	1	# Lines	5	Linear Ft 270'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width	24 in	Trench Bottom Depth(Low side)		30" Gravel Depth —		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Install drainlines on contour with the land.
Do not drive, park, or grade 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.

L1, L4, L5 - ½ sch 80
L2, L3 - ½ sch 40

- BCW 8-16-2024
  - TANKS
  - P.M.
  - SUPPLY
  - DRAINLINE - INSTALLED AS SHOWN

Dose = 230.4
Flow = 30.666
Time = 7.5 min
Drawdown = 10.9
2 ft head
2 in supply

Lake Norman

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: FJ ERVIN

IMPROVEMENT PERMIT by: Cory Hill Date: 8/10/23 OPERATION PERMIT by: D Wieberg Date: 12/17/24

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 8/10/23 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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

PIN # 4639 -- 39 -- 0503

APPLICANT/OWNER: Bryan Clodfelter APPLICANT ADDRESS: 1808 Triplett Rd, Mt Ulla

SITE ADDRESS: 203 Timber Lake Dr, Troutman 28166 PHONE: 704-634-2500 ALT. PHONE —

SITE DIRECTIONS: Monson Farm - Emerald Creek - Timber Lake SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Falls Cove - Parkwood SECTION: — LOT # 627 LOT AREA: 0.927 acres DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

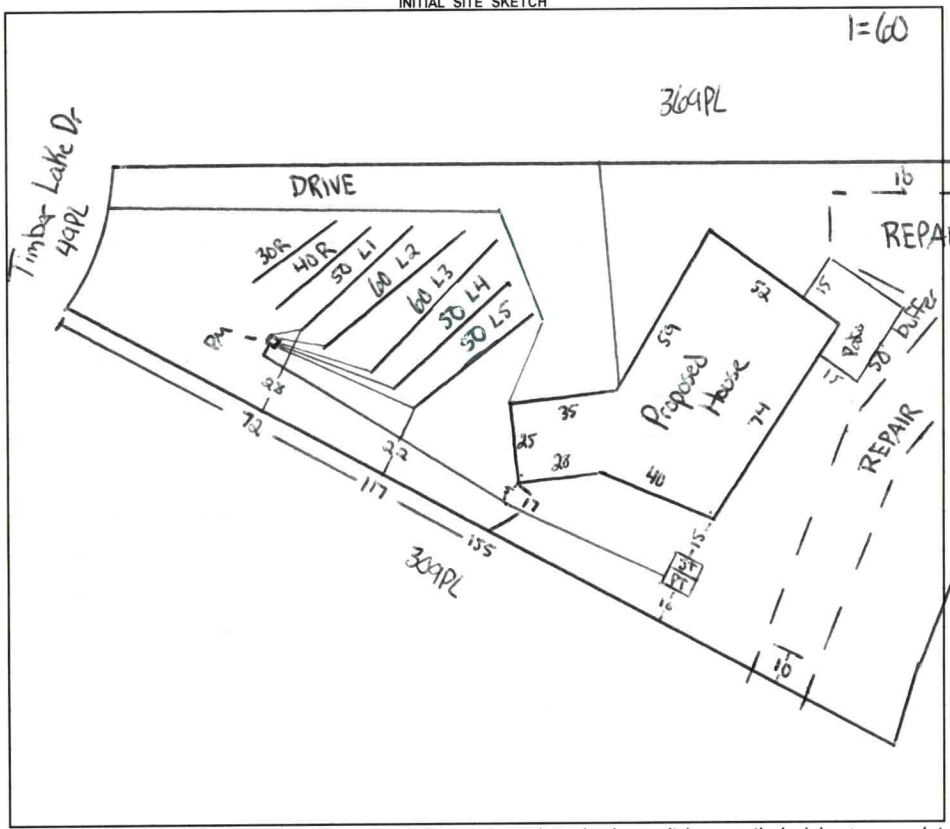
Septic Tank	1000	(gal)	STB	760	Date	—	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	—	System Description:	VPPBPS (PM)			
Pump Make			Model		Serial #		Repair System Description:	TS11 DRIP			
# Nitrification Fields	1		# Lines	5	Linear Ft	270'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24 in		Trench Bottom Depth(Low side)			30"	Gravel Depth	—	☐ GRAVITY	☒ PRESSURE	

☒ Residence No. Bedrooms 4 ☐ Business No. Persons 8 ☐ Other No. Employees — ☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install drainlines on contour with the land.
Do not drive, park, or grade septic area.

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Owner / Applicant Signature: Online Signature Date: Installed by: FJ ERVIN

IMPROVEMENT PERMIT by: Tony Wit Date: 8/10/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Tony Wit Date: 8/10/23 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4639390503
COUNTY: Iredell

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

OWNER: Bryan Clodfelter
APPLICATION DATE 7/13/23
ADDRESS: 1808 Triplett Rd
DATE EVALUATED: 8/8/23
PROPOSED FACILITY: 4 bdr home
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 0.927
LOCATION OF SITE: 203 - Timber Lake
PROPERTY RECORDED: yes
WATER SUPPLY: Private X 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	LS 12%	0-15	F. SL		-	60	-	-	PS .3
		15-30	C SBK	SS SP FR SE					
		30-60	CL SBK	SS SP FR SE					
2	FS 5%	0-10	SCL SBK	SS SP FR SE	10YR 6/2 at 36 YB throughout C	56	-	-	PS .25
		10-30	C SBK	SS SP FR SE					
		30-36	CL SBK	SS SP FR SE					
3	FS 7%	0-27	C SBK	SS SP FR SE	-	57	-	Sap inclusions in CL	PS .3
		27-57	CL SBK	SS SP FR SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	@ 50%	DRIP
Site LTAR	.3	.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Matt Wilkinson

COMMENTS:

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	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						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)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very 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.

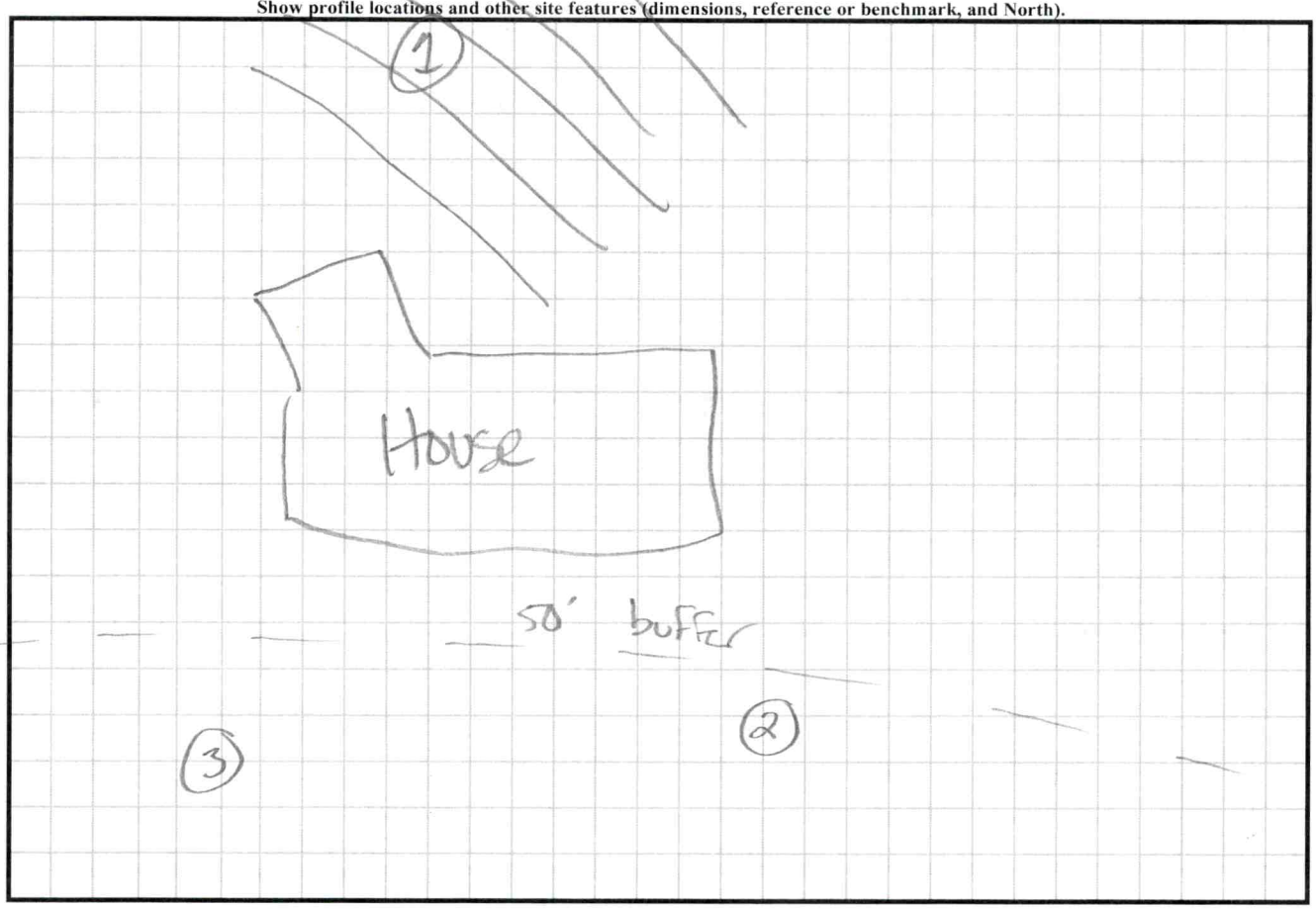
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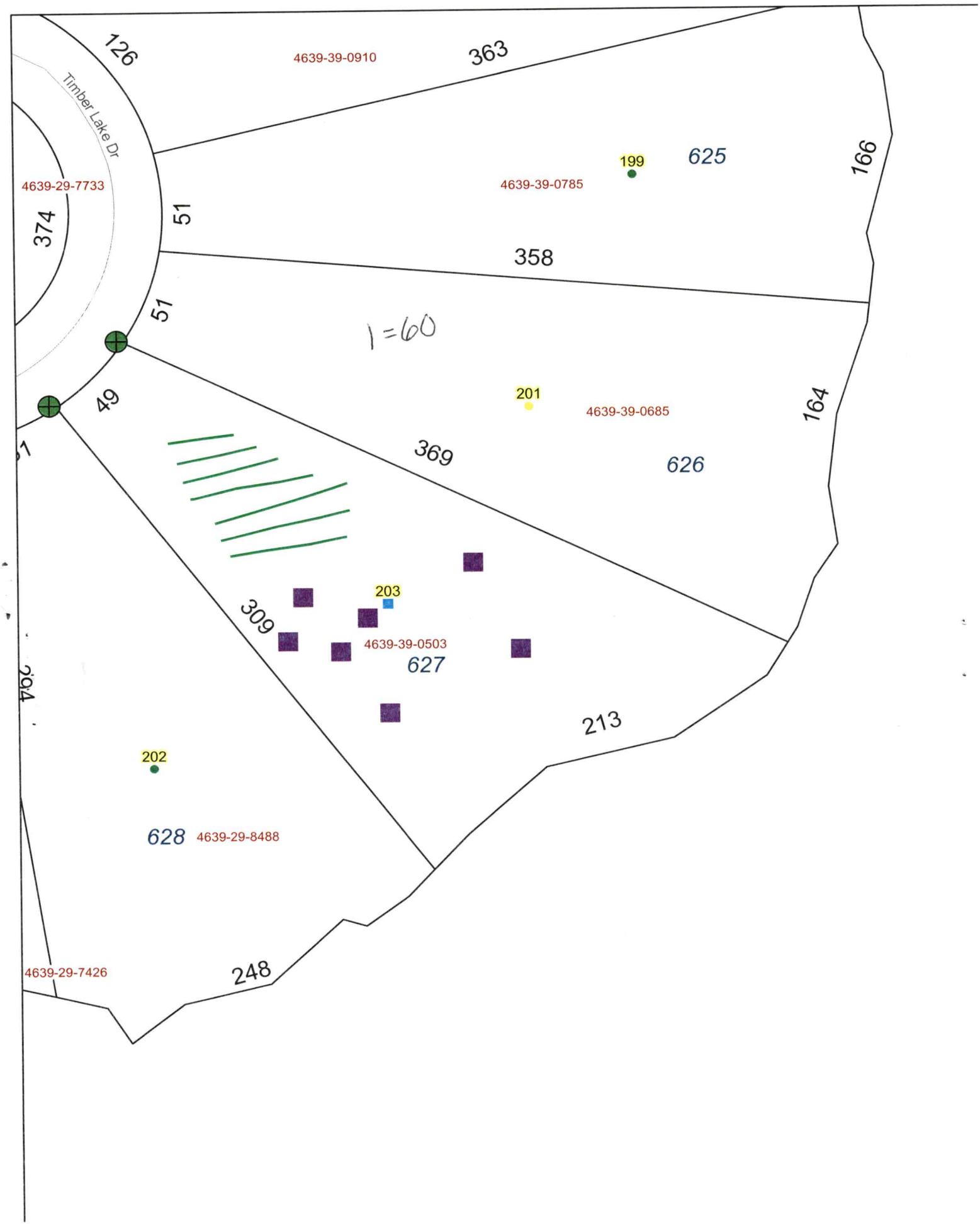
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).




126
4639-39-0910
363
Timber Lake Dr
4639-29-7733
374
51
199
625
4639-39-0785
166
358
51
1=60
201
4639-39-0685
49
164
369
626
203
309
4639-39-0503
627
213
202
628
4639-29-8488
4639-29-7426
248