ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2022-11057

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

PIN # 4754 -- 33 -- 5172

APPLICANT/OWNER: Clayton Homes APPLICANT ADDRESS: 2026 Northside Dr, Statesville 28677

SITE ADDRESS: 1107 Stokes St, Statesville 28625 PHONE: 704-929-1552 ALT. PHONE -

SITE DIRECTIONS: E Greenbriar - Stokes SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Goforth SECTION: - LOT # 8 LOT AREA: 110 x 109 DESIGN FLOW: 240 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date	1/13/24	☐ New System	☐ Repair	☑ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 2
Pump Tank		(gal)	PT	Date		System Description:	EXISTING + 50% reduction			☐ Business	No. Persons 4
Pump Make		Model		Serial #		Repair System Description:	50% reduction			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	EX + 3	Linear Ft	EX + 44	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	24 in	Trench Bottom Depth(Low side)		32 in		Gravel Depth	-	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Do not exceed 36 inch trench bottom. Do not grade, park, or drive on septic area. Keep plumbing as shallow as possible to ensure fall.

INITIAL SITE SKETCH

1=40



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.

* Feed Bed 2/3 & new lines 1/3 *

* Serial Feed Panels *

Old tank pumped, crushed, & filled SW 1/17/2023

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 Signature Date:

Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Cory Whitt Date: 8/31/23

OPERATION PERMIT by: Cory Whitt Date: 2/21/24

AUTHORIZATION TO CONSTRUCT by: Cory Whitt Date: 8/31/23

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 #: 4754335772
COUNTY: Iredell

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

OWNER: Clayton Homes — APPLICATION DATE: 7/17/23
ADDRESS: 2026 Northside Dr — DATE EVALUATED: 8/25/23
PROPOSED FACILITY: 2 bd/r home — PROPOSED DESIGN FLOW (.1949): 240 gpd — PROPERTY SIZE: 110 x 109
LOCATION OF SITE: 1107 Stokes St, Statesville — 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	Linear 6%.	0 - 18	Fill		—	48	—	—	.3 PS
		18 - 40	C ABK	SS SP FR SE					
		40 - 48	CL SBK	SS SP FR SE					
2	Linear 7%.	0 - 36	Fill		—	48	—	—	US
		36 - 48	C ABK	SS SP FR SE					
3	Linear 5%.	0 - 48	Fill		—	—	—	—	US
4	Linear 7%.	0 - 12	Fill		—	50	1 Litho inc in CL layer		.3 PS
		12 - 38	C ABK	SS SP FR SE					
		38 - 50	CL SBK	SS SP FR SE					

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

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

COMMENTS: 5 | 0 - 16 Fill .3 PS
16 - 38 C ABK
38 - 48 CL SBK
4%.

6 | 0-48 Fill
4%.

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.

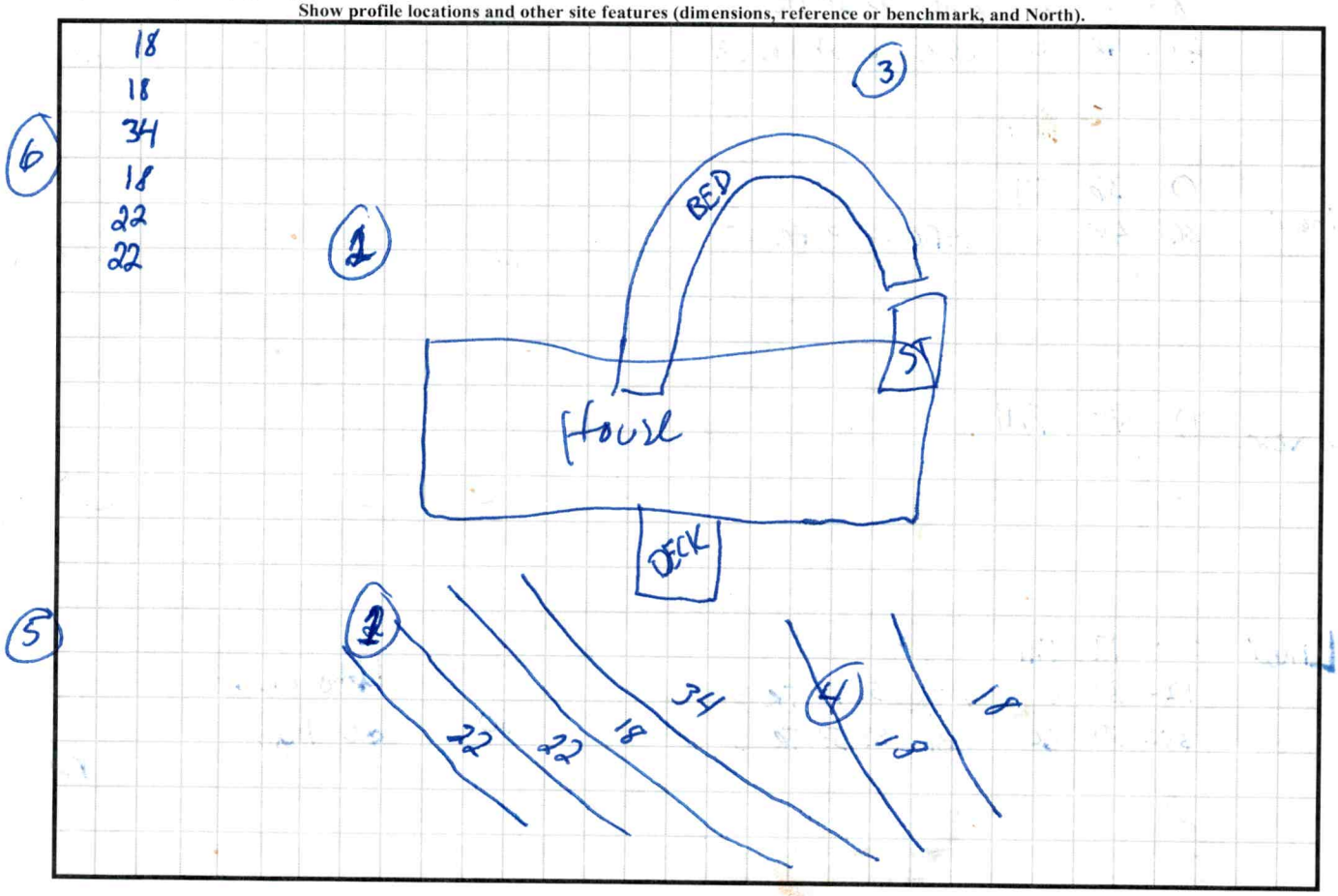
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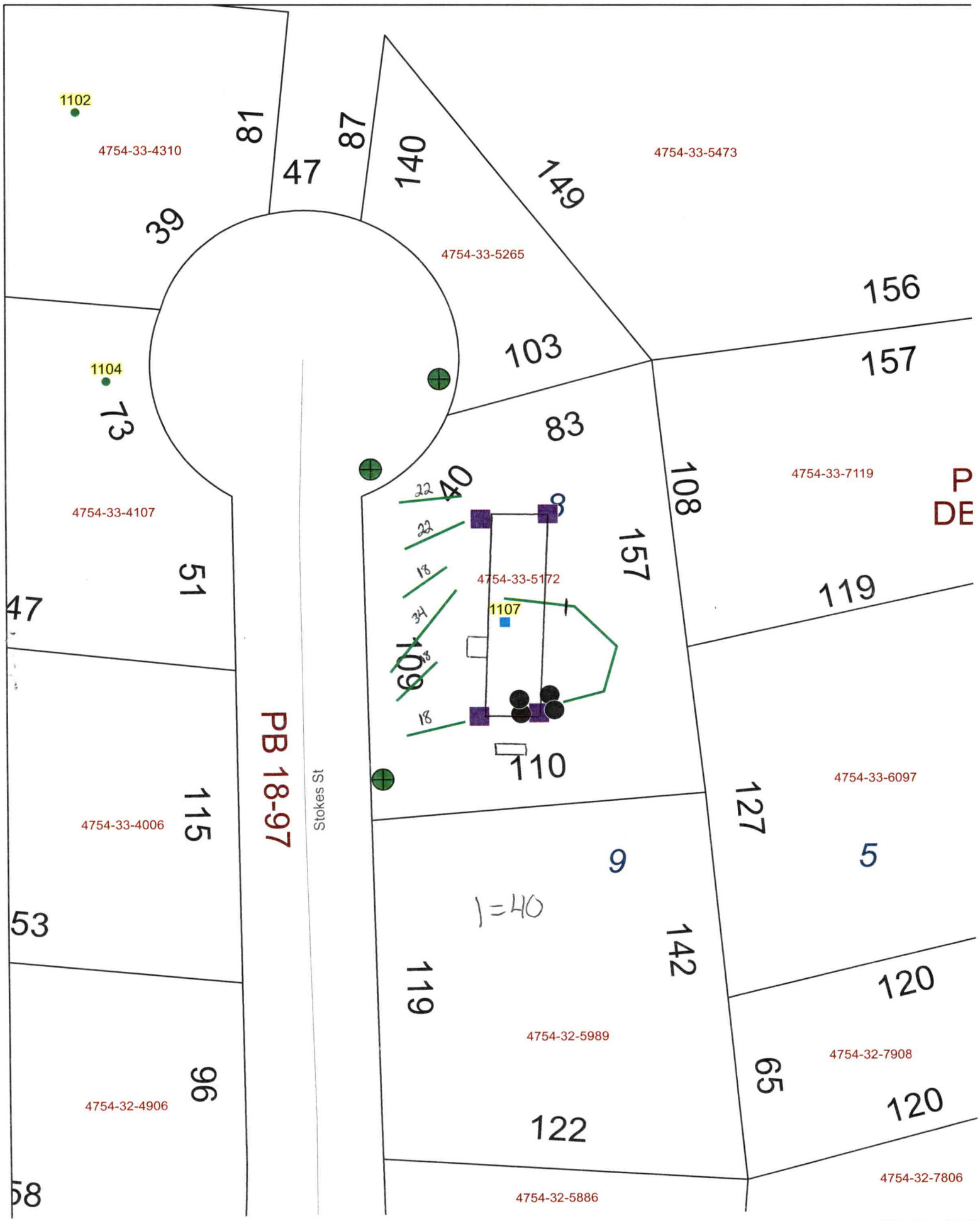
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




1102
4754-33-4310
81
87
47
140
149
4754-33-5473
39
4754-33-5265
156
103
157
1104
73
83
108
4754-33-7119
P
DE
22
40
22
18
34
18
18
4754-33-5172
1107
157
4754-33-4107
51
47
119
109
PB 18-97
Stokes St
110
4754-33-6097
115
4754-33-4006
127
9
5
1=40
53
142
119
120
4754-32-5989
4754-32-7908
65
96
4754-32-4906
120
122
58
4754-32-7806
4754-32-5886