ICHD - ENVIRONMENTAL HEALTH DIVISION

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

(BB) BLDR-2023-37217

PERMIT # 2023-28580

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

PIN # 3796 -- 97 -- 0571

APPLICANT/OWNER: Jacob Aaron

APPLICANT ADDRESS: 16930 W Catawba Ave, Suite 100E, Cornelius

SITE ADDRESS: 229 Fairchase Cir, Stony Point 28678

PHONE: 828-461-8966 ALT. PHONE

SITE DIRECTIONS: 64 - E Lachey Farm - Cherry Blossom - Sweet Cherry - Fairchase

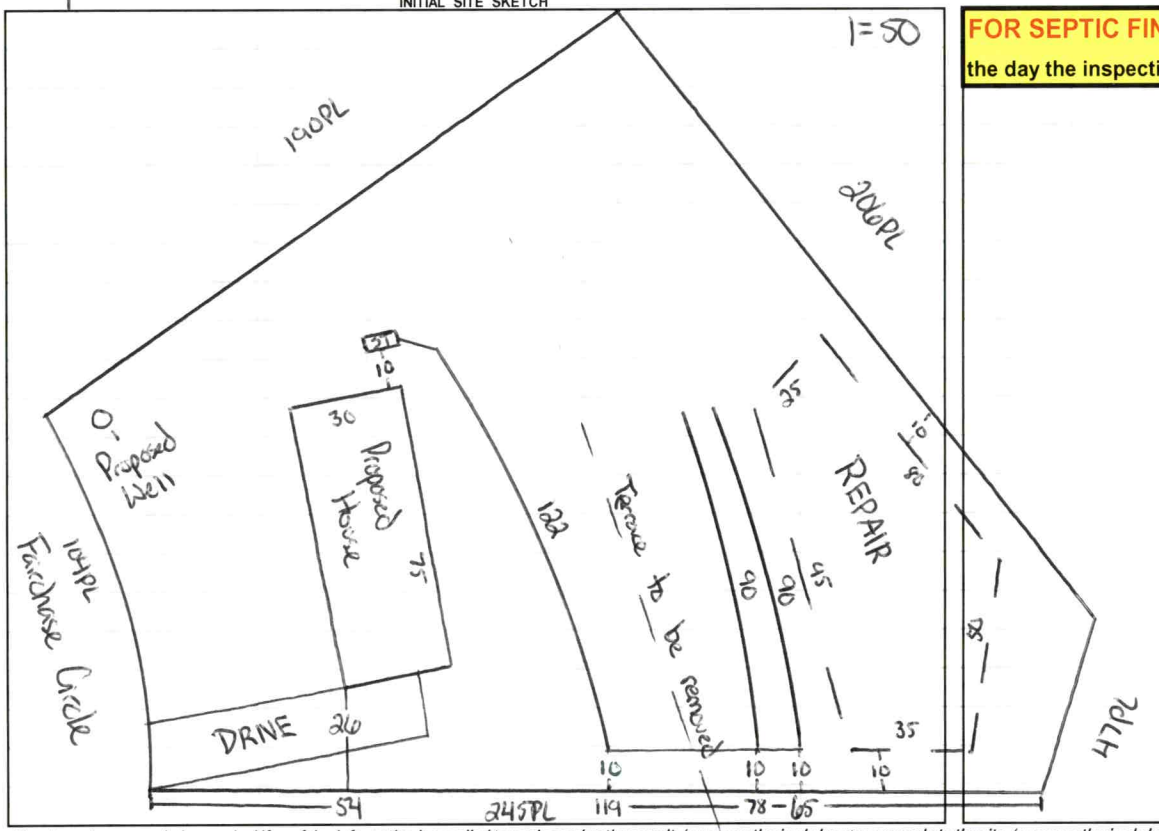
SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Fieldcroft SECTION: P2 LOT # 35 LOT AREA: 0.87 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 1012	Date 8/21/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank		(gal)	PT	Date	System Description: 25% reduction				☐ Business	No. Persons 6	☒ Private
Pump Make		Model		Serial #	Repair System Description: 50% reduction				☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	3	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width	36 in	Trench Bottom Depth(Low side)	32 in	Gravel Depth —		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

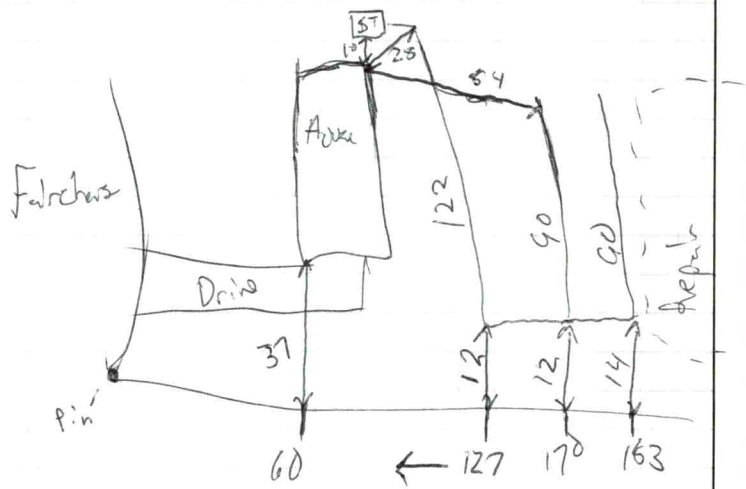
Comments / Conditions: Install on contour with the land. Do not exceed 36 inch trench bottom. Do not park, drive, or grade septic area.

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.



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: Kevin Bowles

IMPROVEMENT PERMIT by: Cory Hill Date: 9/12/23 OPERATION PERMIT by: [signature] Date: 10/26/23

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 9/12/23 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

Lot 35

Sheet 1 of 1
PROPERTY ID #: 3796970571
COUNTY: Iredell

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

OWNER: Jacob Aaron
ADDRESS: 16930 W Catawba Ave
PROPOSED FACILITY: 3 bd/r home
LOCATION OF SITE: 229 Fairchase Cir, Stony Point 28678
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut

APPLICATION DATE 6/19/23
DATE EVALUATED: 9/7/23
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE:
PROPERTY RECORDED:
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 4%	0 - 8	SCL SBK	SS SP FR SE	-	48	Litho CL	inc in layer	.3 PS
		8 - 24	C ABK	SS SP FR SE					
		24 - 48	CL SBK	SS SP FR SE					
2	Linear 5%	0 - 30	C SBK	SS SP FR SE	—	50	-	Mn Conc. 43+ Some SAP.	.3 PS
		30 - 50	CL WSBK	SS SP FR					
3	Linear 10%	0 - 33	C SBK	SS SP FR SE	-	50	-	SAP inc at 15"+ Mang inc at 31"+	.3 PS
		33 - 50	CL SBK	SS SP FR SE					
4	Linear 11%	0 - 25	C SBK	SS SP FR SE	—	52	-	Mang inc at 32" Mica inc in CL	.3 PS
		25 - 52	CL WSBK	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 Whicker
OTHER(S) PRESENT: Benjamin Botkins, Matthew Wilkinson, Heath Snow

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. (4)

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 (3) 90
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 90

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

