ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BB ManF-2023-37104

PERMIT # 2023-28674

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

PIN # 3796 --97 --2404

APPLICANT/OWNER: Jacob Aaron

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

SITE ADDRESS: 233 Fairchase Circle, Stony Point 28678

PHONE: 828-461-8966

ALT. PHONE

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

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Fieldcroft

SECTION: P2 LOT # 36 LOT AREA: 0.72 acres

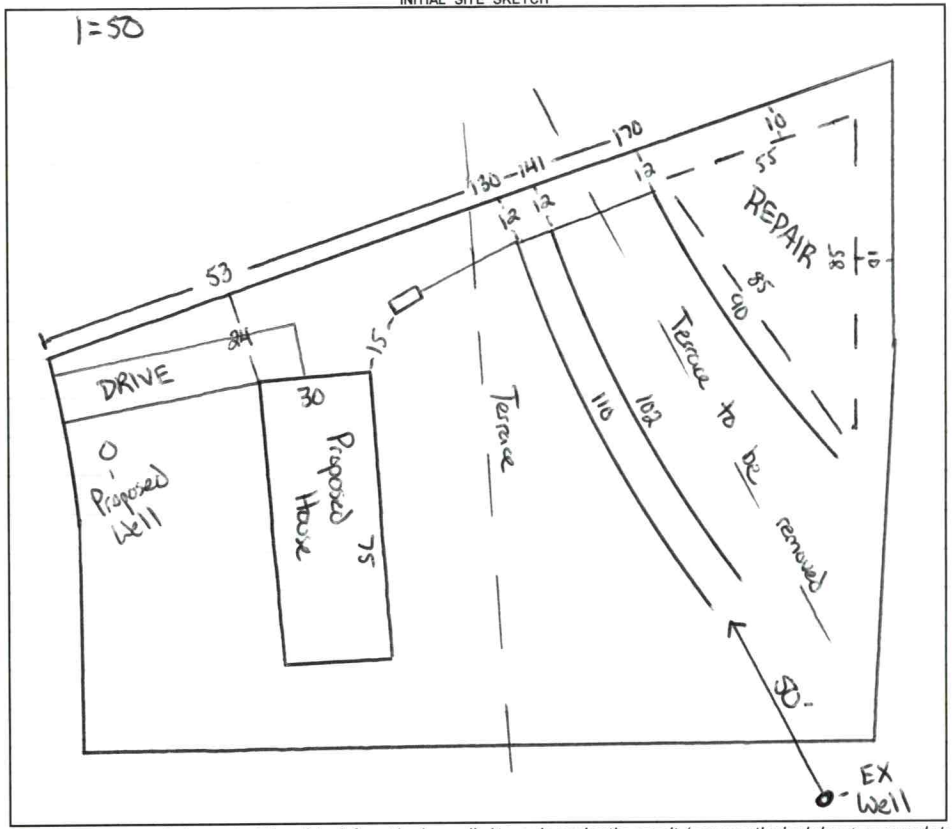
DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	160	Date	8/7/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% reduction		
Pump Make		Model		Serial #		Repair System Description:	50% reduction		
# Nitrification Fields	1	# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36 in	Trench Bottom Depth(Low side)	32 in	Gravel Depth	—		☒ GRAVITY	☐ PRESSURE	

☒ Residence	No. Bedrooms	3	**Water Supply**
☐ Business	No. Persons	6	☒ Private
☐ Other	No. Employees		☐ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing		☐ Basement w/o plumbing	

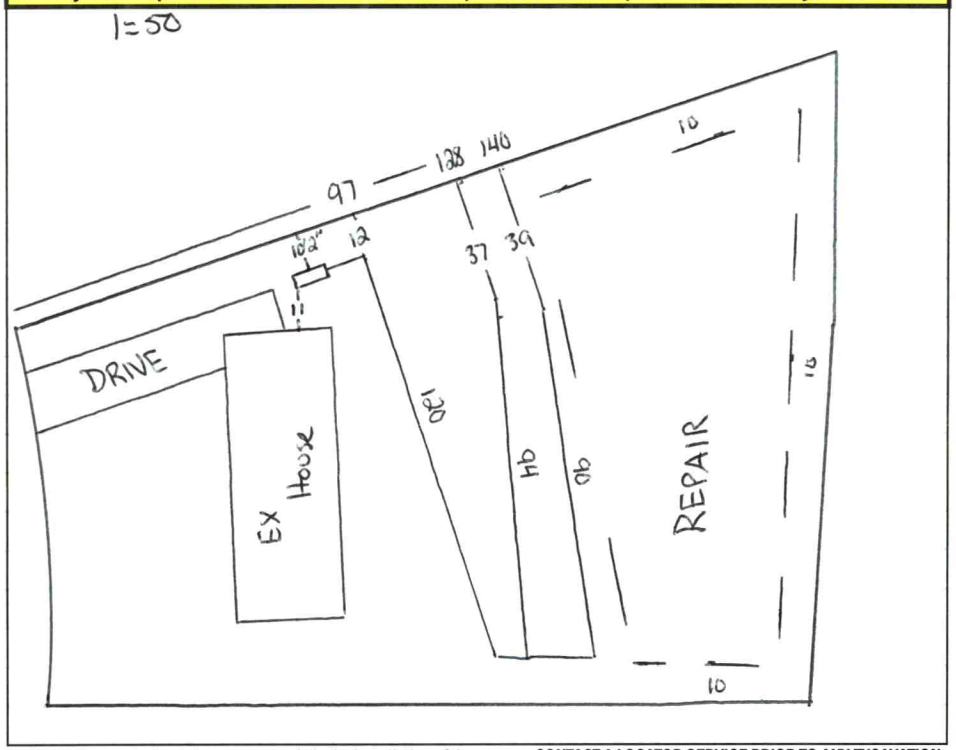
Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Do not exceed 36 inch trench bottom.

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 Bowls

IMPROVEMENT PERMIT by: Cary Whil Date: 9/12/23

OPERATION PERMIT by: Cary Whil Date: 10/5/23

AUTHORIZATION TO CONSTRUCT by: Cary Whil 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

Sheet 1 of 1
PROPERTY ID #: 3796972404
COUNTY: Iredell

Lot 36

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

OWNER: Jacob Aaron
APPLICATION DATE 6/19/23
ADDRESS: 16930 W Catawba Ave
DATE EVALUATED: 9/7/23
PROPOSED FACILITY: 3 bdr home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 0.72
LOCATION OF SITE: 233 Fairchase Cir, Stony Point
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X 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 10%	0-28	C SBK	SS SP FR SE	-	52	-	-	.3 PS
		28-52	CL WSBK	SS SP FR SE					
2	Linear 6%	0-30	C WABK	SS SP FR SE	-	52	SAP inc in CL	layer	.3 PS
		30-52	CL WABK	SS SP FR SE					
3	Linear 8%	0-35	C SBK	SS SP FR SE	-	50	Micah inc in CL layer SAP inc 45+"		.3 PS
		35-50	CL SBK	SS SP FR SE					
4	Linear 11%	0-24	C ABK	SS SP FR SE	-	59	SAP inc at 45"+		.3 PS
		24-59	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	257	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948):
EVALUATED BY: Cory Wrecke
OTHER(S) PRESENT: Benj Botkins, Matt 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.

NOTES

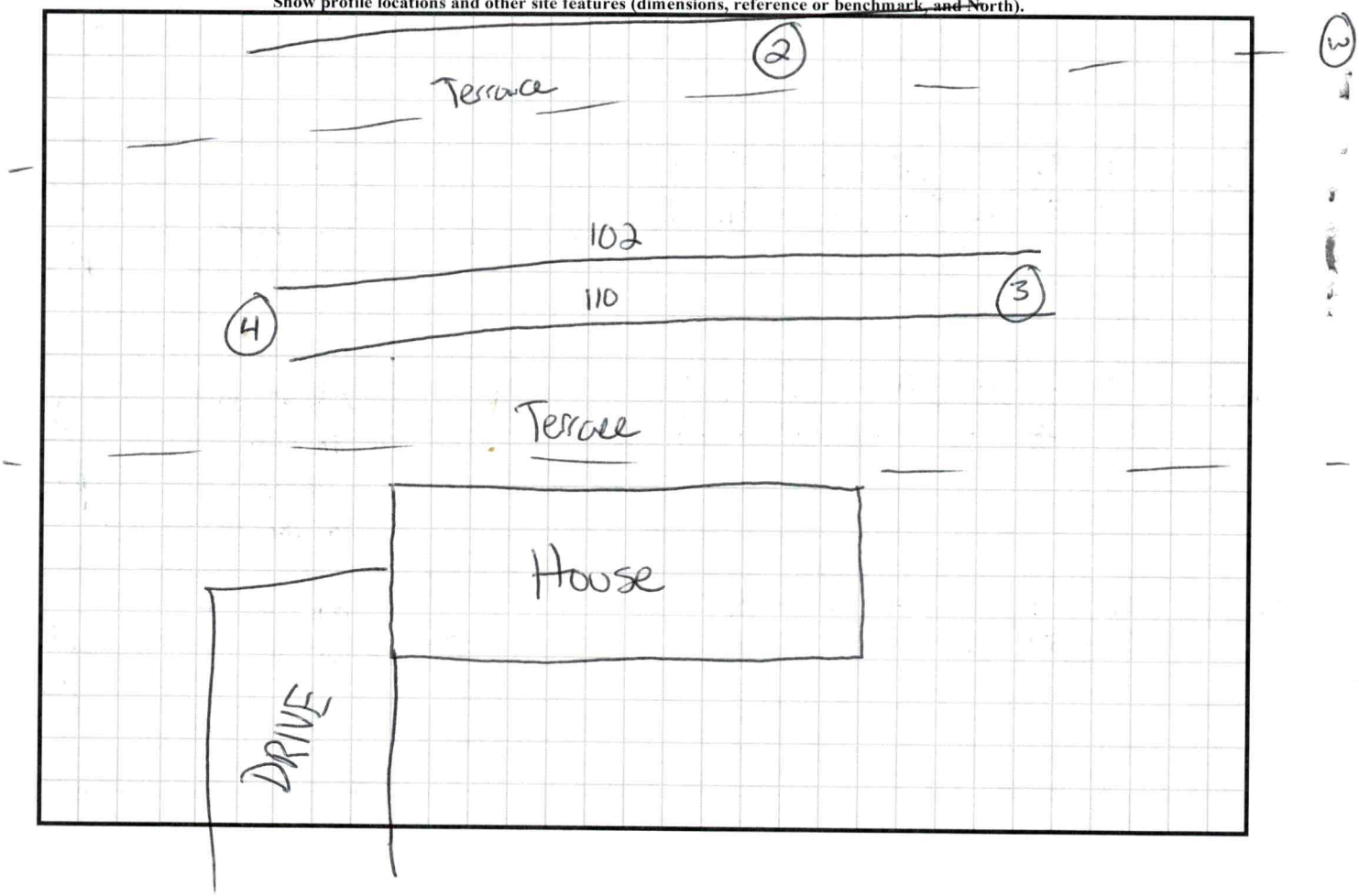
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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

90

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





Tax Map Information

• PIN	3796972404.000
• Address	233 FAIRCHASE CIR
• Account #	Acct 80105087
• Tax Owner	SD FAIRCHASE LLC
• Mailing Address	16930 W CATAWBA AVE STE 100E
•	CORNELIUS, NC 28031
• GIS Owner	SD FAIRCHASE LLC
• Deed Info	3014 / 1213 - WD - 20230906
• Tax Acres	0.72 AC
• Lot #	36
• Description	FIELDCROFT P2 PB41-47
• Zoning	RA
• Old Parcel #	1009J00000B048
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$18,000
• Total Value	$18,000
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 10/04/2023
Data updated 09/27/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.