RELAY –

(68) Relay 2023 - 14389

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 310702

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

PIN # 4760 -- 58 -- 3642

APPLICANT/OWNER: Belk & Belk Construction | APPLICANT ADDRESS: 132 Ideal Drive Mooresville NC 28115

SITE ADDRESS: 117 Pleasant Creek Dr Cleveland NC 27013 | PHONE: 704-657-1116 | ALT. PHONE 704-903-3438

SITE DIRECTIONS: Brawley Road toward Mooresville L on Pleasant Creek | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Brawley Acres | SECTION: – | LOT # 1 – | LOT AREA: .78 Acre | DESIGN FLOW: 360 gpd | L.T.A.R.: .25

Septic Tank 1000 (gal) STB INFILTRATOR Date –
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 4 Linear Ft 360'
Trench Width 36" Trench Bottom Depth(~~Low side~~) Max 24" Gravel Depth –

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: 25% Reduction
Repair System Description: Drip
Maintenance Agreement Required: ☐ YES ☒ NO
☒ GRAVITY ☐ PRESSURE

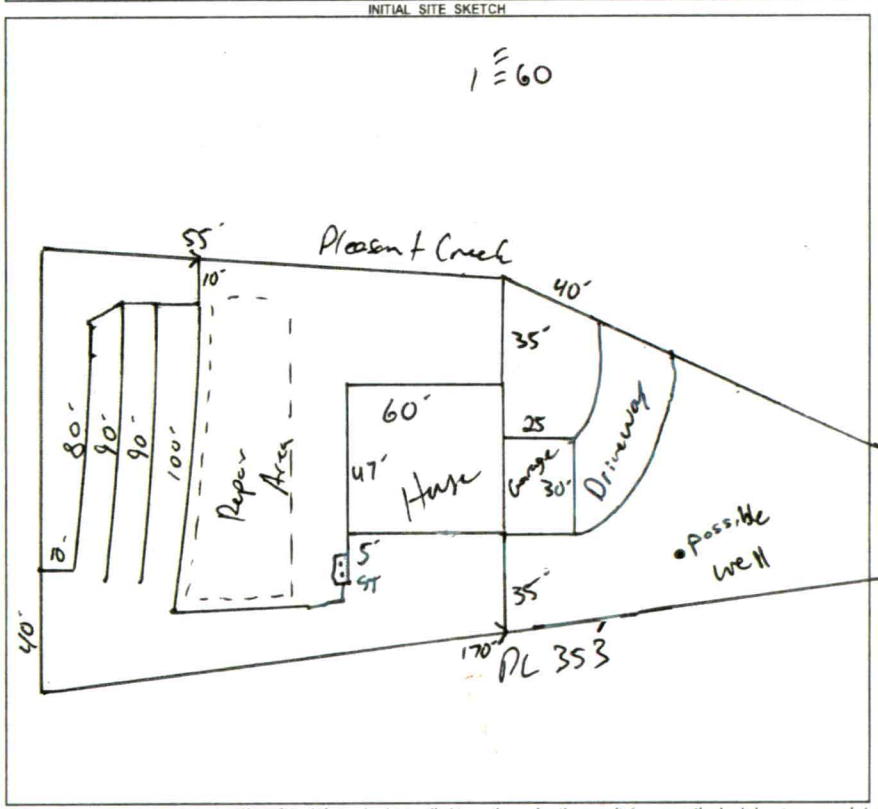
☒ Residence No. Bedrooms 3
☐ Business No. Persons 6
☐ Other No. Employees
☒ Slab ☐ Crawl Space
☐ Basement w/ plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install Dramlines on center of land. Use Serial distribution.

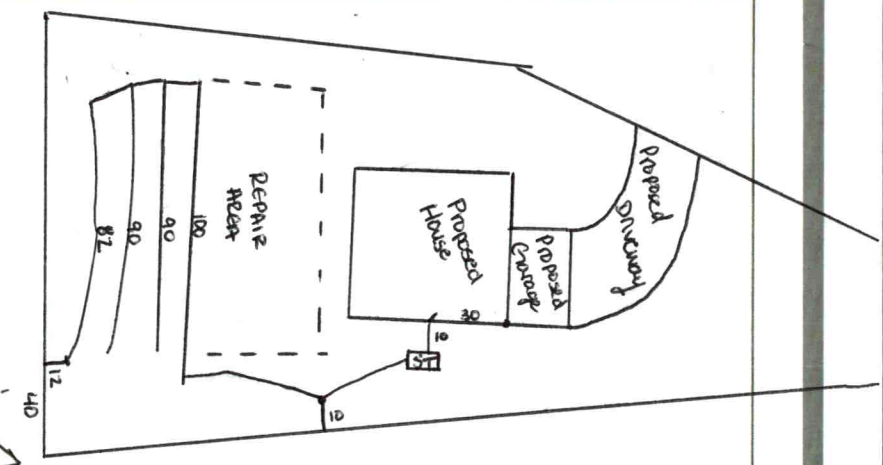
No foundation drains on tank side of house. OK to change to crawl space. does not impact system.

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.



Discussed adding cover to lower drainline and end of upper. Homeowner is Infiltrator certified.

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: Date: 6/30/21 Installed by: Skyelor Scherman (Homeowner)

IMPROVEMENT PERMIT by: Date: 6-28-2021 OPERATION PERMIT by: Sarah Bracken Date: 5/10/23

AUTHORIZATION TO CONSTRUCT by: Date: 6-28-2021 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 #: 0760583642
COUNTY: Iredell

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

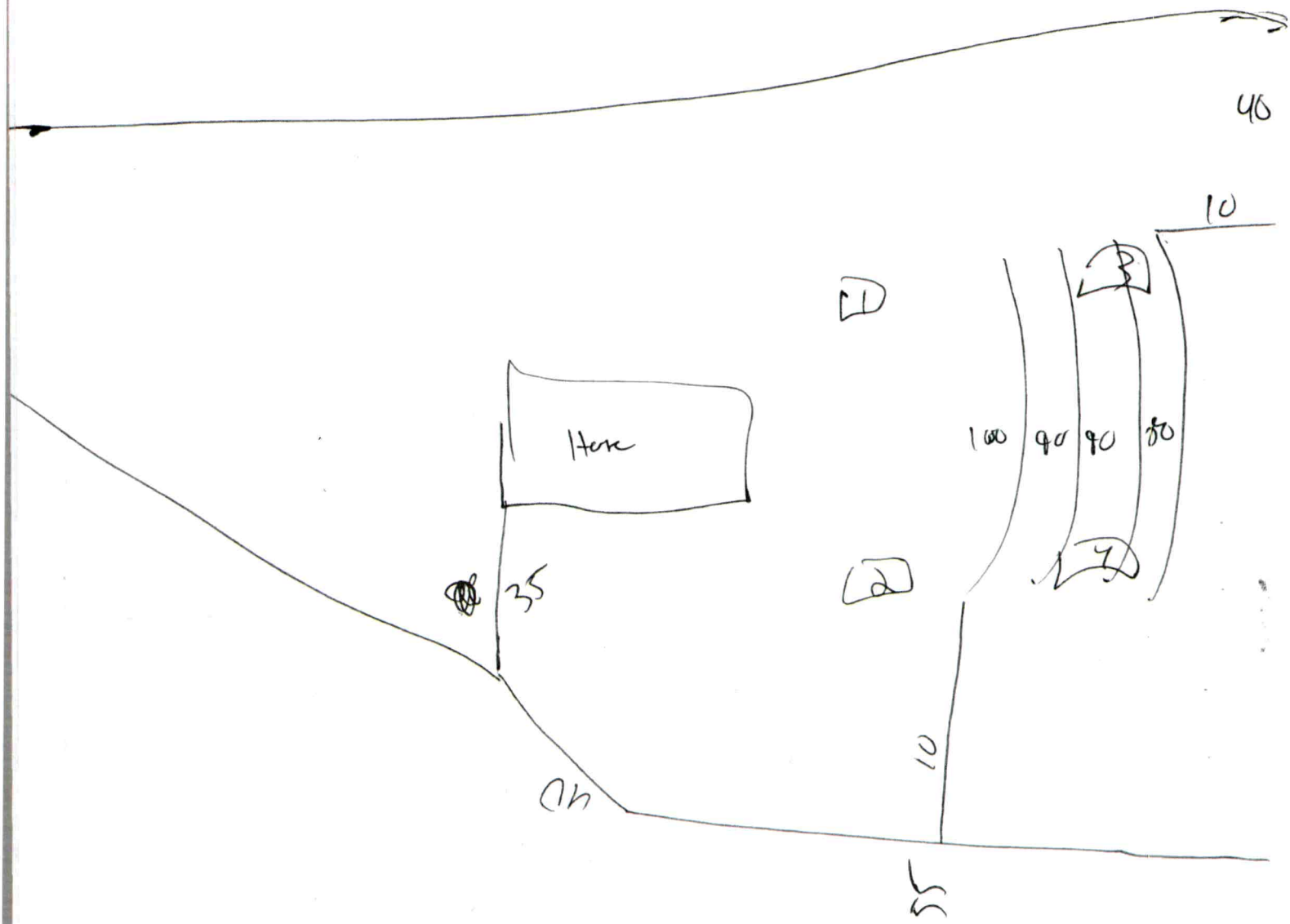
OWNER: Bell & Bell Construction
ADDRESS: 132 Island Road Mooresville
PROPOSED FACILITY: 3BR
LOCATION OF SITE: 117 Pleasant Creek
APPLICATION DATE: 9-7-2020
DATE EVALUATED:
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: .87 ± .78
PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	5-6% SS	0-24	SBK SCL	Fr SSSP Scap		Few F/B mottles @ 24"	N/A	N/A	~~SPS~~ PS .25
		24-40	SBK C			48"+			
		40-48	SBK CL						
2	5-6% SS	0-6	SBK SCL		Chroma 4/4 @ 20"	48"+	N/A	20"	Deep PS .25
		6-24	SBK C						
		24-48	SBK CL						
3	5-6% SS	0-6	SBK SCL		F/B mottles @ 20"	48"+	N/A	N/A	PS .25 Deep
		6-29	SBK C						
		29-48	SBK CL						
4	5-6% SS	0-6	SBK SCL			48"+	N/A	N/A	PS .3
		6-24	SBK C						
		24-48	SBK CL						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360'	240'
System Type(s)	2SC	5PC
Site LTAR	.25	.25

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

COMMENTS:


40
10
1
3
Here
100
90
90
80
35
2
4
10
Oh
55