POB 4:00 AP

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 309381

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

PIN # 4740116005

APPLICANT/OWNER: Freedom Homes | APPLICANT ADDRESS: 1124 Charlotte Hwy Troutman, NC 28166

SITE ADDRESS: 183 Brook Creek Drive Troutman, NC 28166 | PHONE: 704881-8326 | ALT. PHONE

SITE DIRECTIONS: Perth Rd N TR Clontz Hill TR Ridge Creek TR Brook Creek on left | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Rocky Creek | SECTION: #4 | LOT # 87 | LOT AREA: .7 Ac | DESIGN FLOW: 360 gpd | L.T.A.R.: .25

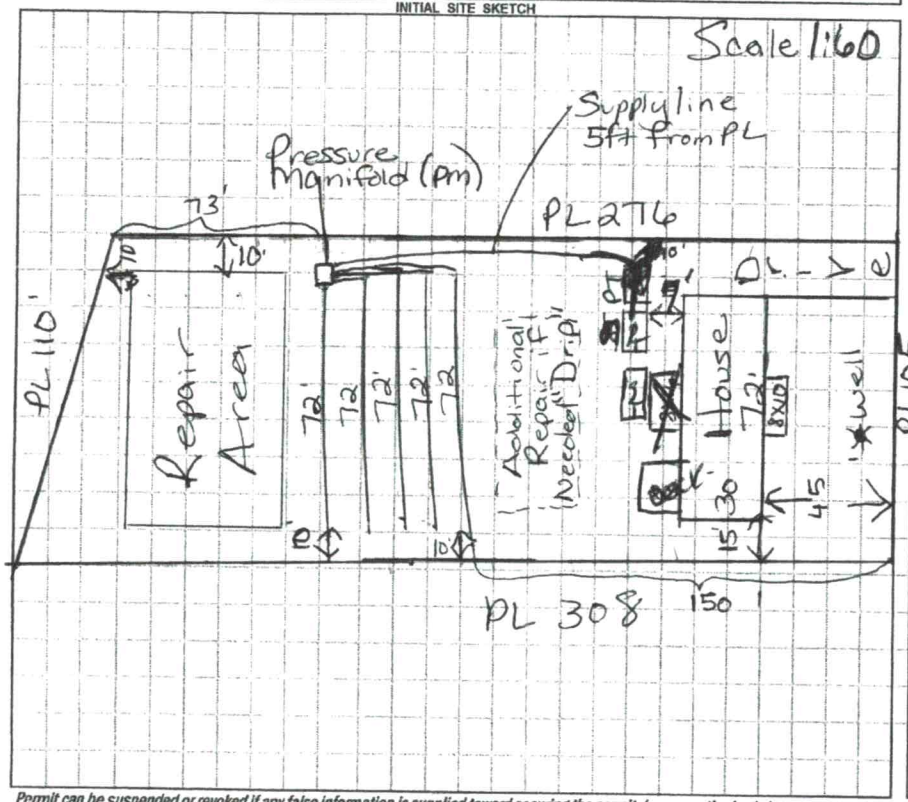
Septic Tank	1000 (gal)	STB	760	Date	9-9-20	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	363	Date	9-2-20	System Description: Pump- PM- 25% Reduction		☐ Business	No. Persons 6
Pump Make	Zoeller	Model	ZK20+28X	Serial #	BD 151-C	Repair System Description: PM- 25% Reduction		☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	360	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	30"	Gravel Depth	N/A	☐ GRAVITY ☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Divert Storm/Surface water away from Septic System.

Use 4-1½" Sch 40 taps
7.11 gal per tap Set 2ft pressure
28.44 gpm | 163.8 gal | 7.8" drawdown

INITIAL SITE SKETCH



AS BUILT SKETCH

11-6-2020 * Lines 1-4 moved to correct Location
L1 = 70
L2 = 71
L3 = 74
L4 = 70
Manifold Taps Changed 1½ Sch 80 Taps.
Dose + Drawdown to change
Checked Pressure, Floats, Alarm, Breakers, Manifold Box 11-20-2020

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**

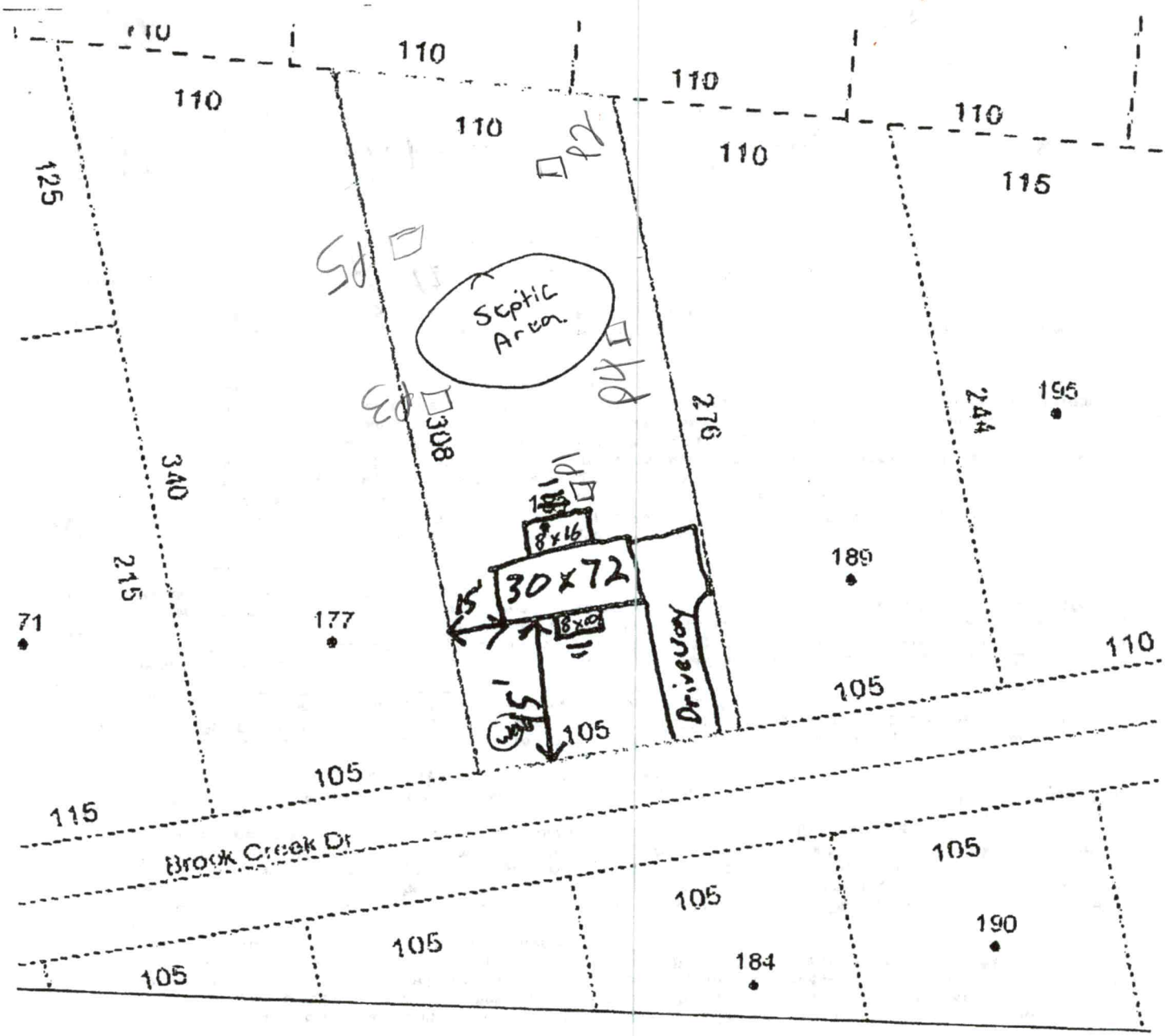
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☒ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: _____ Date: 9/9/2020 Installed by: Greg Thompson

IMPROVEMENT PERMIT by: Maria L Dixon Date: 9/5/2020 OPERATION PERMIT by: _____ Date: 11-20-2020

AUTHORIZATION TO CONSTRUCT by: Maria L Dixon Date: 9/5/2020 Existing System Inspected by: _____ Date: _____

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.



LLC

RIVER AVE BRONX NY 10473

EK DR

EK COVE SHT4 PB29-80-84

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4740116005
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Freedom Homes
ADDRESS: 1124 Charlotte Hwy Troutman, NC
PROPOSED FACILITY: MH
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 183 Brook Creek Dr / Rocky Creek Rd 87
APPLICATION DATE
DATE EVALUATED: 8/10/20
PROPERTY SIZE: .7 Acre
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	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	Not in System Area 10%	0-8	Brw SCL	w/SBK	SS, SP, SEXP, FR				PS
		8-30	RC/CL	wSBK	SS, SP, SEXP, FI-FR				.25
			w/ yel/Brw	Fnd VS					to 30"
		30-48	Rd Brw	C/C, wSBK	SS, SP, SEXP, FI				V >30"
			w/ Yel/Brw to	Chroma 2 Mottles	30"	30"	—	—	
2	5%	0-8	Brw SCL	wSBK	SS, SP, SEXP, FR				PS
		8-28	RC/CL	wSBK	SS, SP, SEXP, FI-FR				.275
		28-48	RC	wSBK	SS, SP, SEXP, FI-FR				Quartz floaters
			w/ few yel/brw	mottles &	—	48"	—	—	
3	7%	0-10	Brw SCL	wSBK	SS, SP, SEXP, FR				PS
		10-28	RC/CL	m-wSBK	SS, SP, SEXP, FR				.25
		28-48	RC	wSBK	SS, SP, SEXP, FI w/ Yel/Brw				
			mottles & Quartz		fragments				
					—	48"	—	—	
4	5%	0-8	Brw SCL	wSBK	SS, SP, SEXP, FR				PS
		8-32	RC/CL	m-wSBK	SS, SP, SEXP, FR	48"		—	.25
		32-48	RC/CL	wSBK	SS, SP, SEXP, FI-				
			w/ Yel/Brw	mottles					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Joe MacIntosh

COMMENTS:

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4740146605
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Freedom Homes
ADDRESS: 1124 Charlotte Hwy Troutman, NC
PROPOSED FACILITY: Mod Home PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 183 Brook Creek Dr / Rocky Creek #87
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

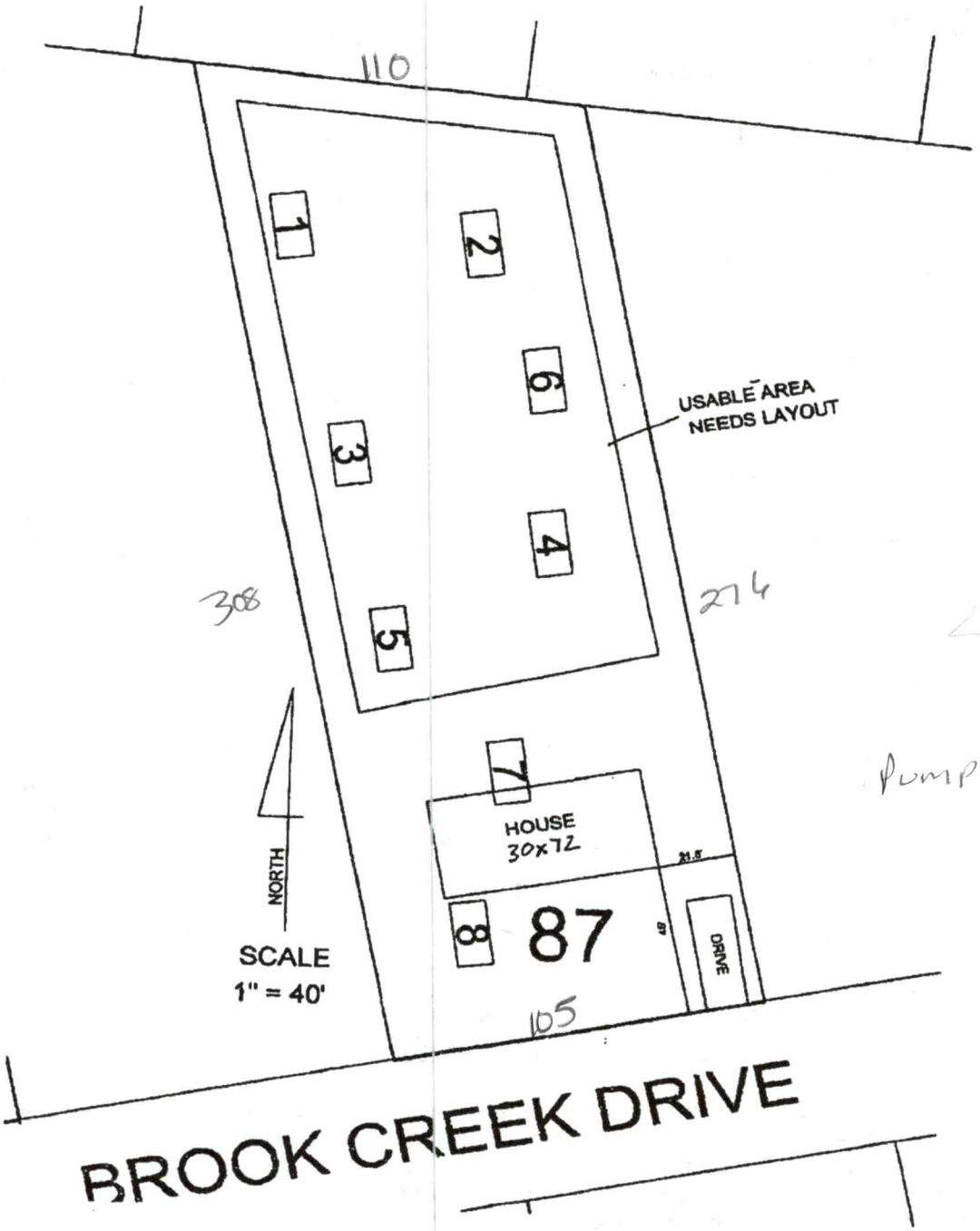
APPLICATION DATE
DATE EVALUATED: 8/10/20
PROPERTY SIZE: .7 Ac.
PROPERTY RECORDED: Y

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1	L 5%	0-6	Brw SCL	wSBK SS,SP,SEXP,FR					PS .275
		6-30	Rd/Brw C	M-wSBK SS,SP,SEXP,FR					
5		30-48	Rd/Brw CL	wSBK FR SS,SP,SEXP					
			few Yel/Brw Mottles						
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
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System Type(s)	25%Red	25%Red
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Joe MacIntosh

COMMENTS:


110
1
2
3
4
5
6
7
8
USABLE AREA
NEEDS LAYOUT
308
274
Pump
HOUSE
30x72
87
DRIVE
NORTH
SCALE
1" = 40'
105
BROOK CREEK DRIVE