ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 317438

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

PIN # 4658--06--2610

APPLICANT/OWNER: Justin Watts | APPLICANT ADDRESS: 15214 Leslie Brook Rd Huntersville NC 28078

SITE ADDRESS: 165 Olympia Dr Mooresville NC 28117 | PHONE: 561-459-0689 | ALT. PHONE

SITE DIRECTIONS: NC 115 N to L on Connector Rd, S on Cornelius Rd, R on Olympia Dr, Lot on L | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Cornelius Estates Plat 74 B5 | SECTION: — | LOT # 1 | LOT AREA: 1.47 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: .275

Septic Tank	1000 (gal)	STB	1012	Date	[X] New System [ ] Repair [ ] Expansion	System Type: I II III IV V VI	[X] Residence	No. Bedrooms	4
Pump Tank	— (gal)	PT	—	Date	—	System Description: Gravity 25% Reduction	[ ] Business	No. Persons	5
Pump Make	—	Model	—	Serial #	—	Repair System Description: LPPPBPS	[ ] Other	No. Employees	
# Nitrification Fields	1	# Lines	5	Linear Ft	436	Maintenance Agreement Required: [ ] YES [X] NO	[X] Slab	[ ] Crawl Space	
Trench Width	36"	Trench Bottom Depth(Low side)		33"	Gravel Depth —	[X] GRAVITY [ ] PRESSURE	[ ] Basement w/plumbing	[ ] Basement w/o plumbing	

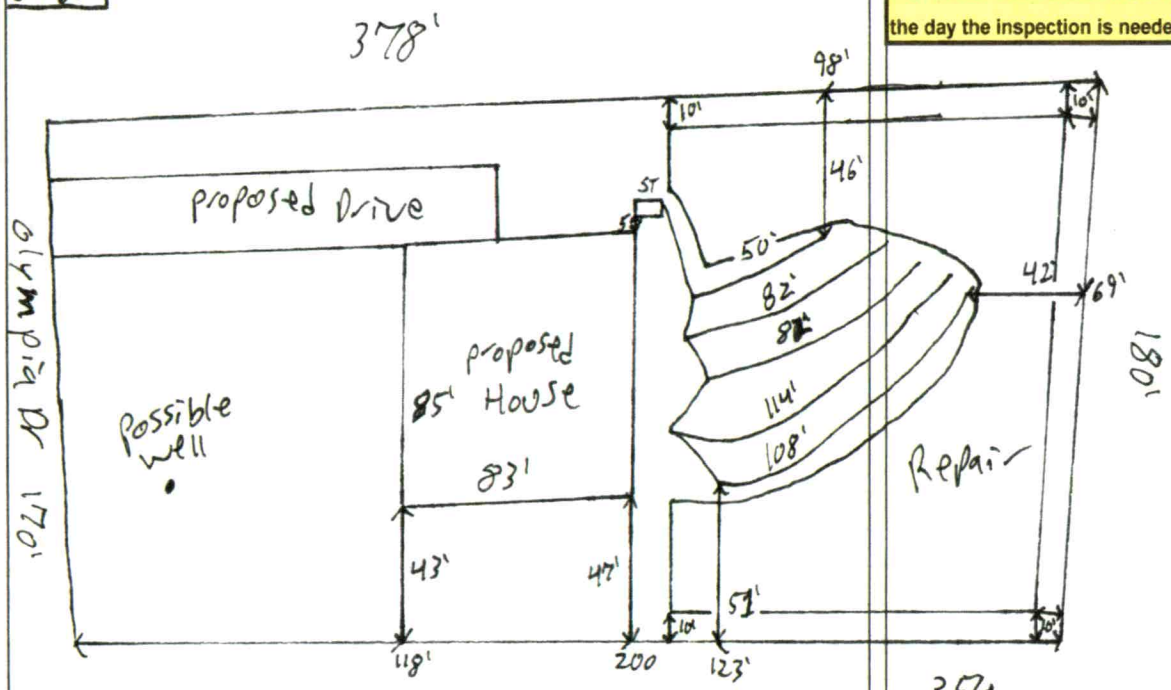
Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: Install lines on contour. DO NOT drive on, store material, or manipulate drainfield in any way. All property lines and corners must be marked.

* See notes *

INITIAL SITE SKETCH

1" = 60'



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.

2-21-23 * See attached as built/GIS MAP
- Part of Drainfield Area Dugout + Removed.
- System Repair Changed to Drip Repair Due to Large amount of Rock on site

- pits Dug on site to Relocate Drainfield - LTAR evaluation = .30 only 400 ft Required 24 in Depth (See Soil notes on back).

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.* [X] **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: [signature] Date: 9/10/21

IMPROVEMENT PERMIT by: Patrick J Bole III Date: 9/7/2021

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 11/4/21

Installed by: Piedmont Backhoe (Steve Jordan)

OPERATION PERMIT by: [signature] Date: 2-22-23

Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4658062660
COUNTY: Iredell

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

OWNER: Justin Watts
ADDRESS: 1521 Leslie Brook Rd Huntersville NC 28078
PROPOSED FACILITY: New single fam PROPOSED DESIGN FLOW (.1949): 460 GPD
LOCATION OF SITE: 165 Olympiad Dr

APPLICATION DATE: 5/11/2021
DATE EVALUATED: 6/4/2021
PROPERTY SIZE: 1.47 acres
PROPERTY RECORDED: yes

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SS 6%	0-12	Fill	—	few YB	20"	Litho and Par Mat RX commonly to sandy soprolite 20"	Large Rocks	PS .375
		12-20	C SBK/ABK	F- SS SP exp					
		20-62	sandy saprolite	VF					
2	SS 7%	0-10	Fill	—	—	12"	Litho and Partial RX commonly to sandy saprolite 12"	Large Rocks	PS .375
		10-15	C SBK	F- SS SP SO exp					
		15-60	sandy saprolite	VF					
3	SS 7%	0-12	Fill	—	few YB	29	Litho and Partial RX commonly to sandy saprolite 29"	Large Rocks	PS .375
		12-24	C SBK/ABK	F- SS SP exp					
		24-39	CL BK/ABK	F- SS SP exp					
		39-63	sandy saprolite	VF					
4	SS 6%	0-11	Fill	—	few YB	55"	Litho and Partial RX commonly to sandy saprolite 55"	Large Rocks	PS .375
		11-27	C SBK/ABK	F- SS SP SO exp					
		27-55	CL SBK/ABK	F- SS SP SO exp					
		55-60	sandy saprolite	VF					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	436'	291'
System Type(s)	Conv 12"	LPP BPS
Site LTAR	.375	.375

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Patrick B
OTHER(S) PRESENT: _____

COMMENTS: Cloudy

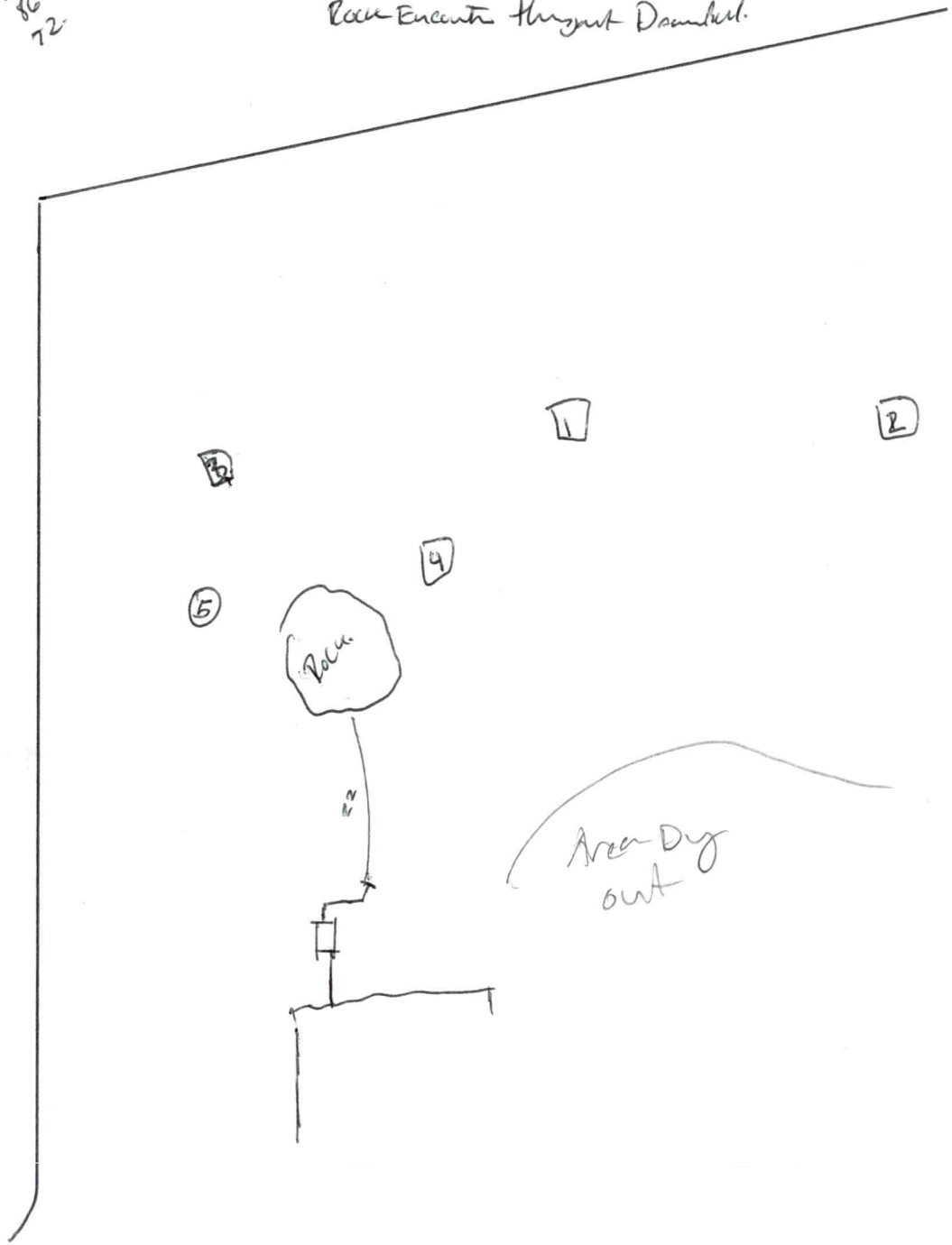
Updated February 2014

102
102
86
72

Z-21

Rock Encountered throughout Drainfield.

3 pits Dug



1) 0-10 C
10-36 CL
36-46 - LSAP.
46+ - Rock.
PS. 325.

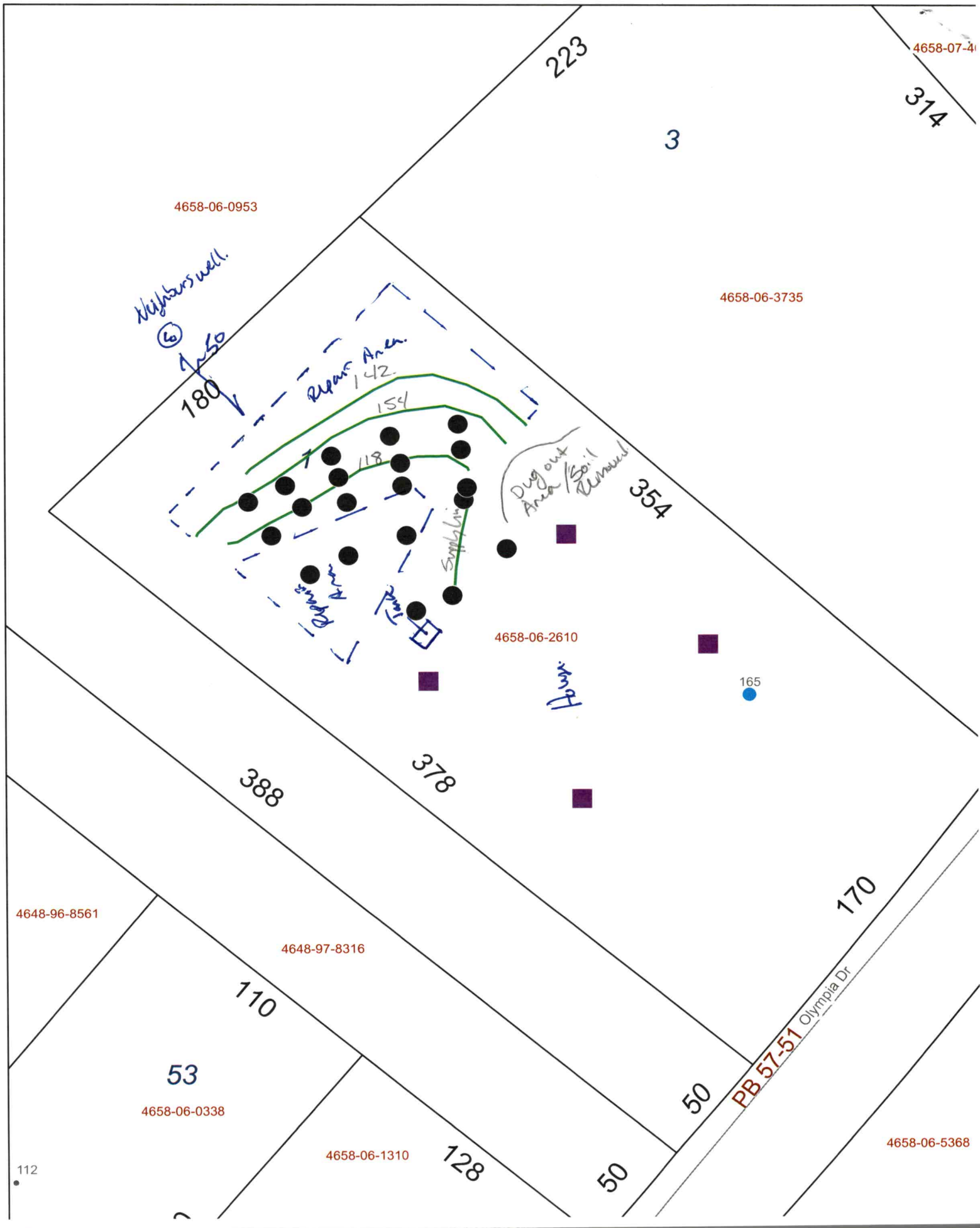
2). 0-15 C
15+ Rock content

3). 0-8 C
8-36 CL
36-55 C SAP
PS .325

Max 2d.u.

4) ~~Rock~~
0-10 C
10-24 Rock

5) Rock


223
314
3
4658-07-4
4658-06-0953
4658-06-3735
Neighbors well.
Repair Area
142
154
118
180
354
Dug out Area / Soil Removed
Septic Tank
Septic Field
4658-06-2610
165
388
378
170
4648-96-8561
4648-97-8316
110
53
4658-06-0338
4658-06-1310
128
50
50
PB 57-51 Olympia Dr
4658-06-5368
112