RJD 10:2

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP-307733

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

PIN # 4730-70-0390

APPLICANT/OWNER: Dave Cochrane | APPLICANT ADDRESS: 798 Brawley School Rd Mooresville, NC

SITE ADDRESS: 161 Crooked Branch Way Trontman, NC | PHONE: N/A | ALT. PHONE N/A

SITE DIRECTIONS: Perth Rd N from Rt 150 → L on Winding Forest → Crooked Branch → Lot on left | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Winding Forest | SECTION: | LOT # 36 | LOT AREA: 0.663 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: 0.25

Septic Tank	1000	(gal)	STB	760	Date	10-23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% Reduction (Serial distribution)			
Pump Make	—	Model	—		Serial #	—	Repair System Description:	LP-PPBPS (50% Reduction)			
# Nitrification Fields	1	# Lines	6		Linear Ft	480	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)	18"		Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	4	Water Supply		
☐ Business	No. Persons	8	☐ Private		
☐ Other	No. Employees		☐ Public		
☐ Slab	☒ Crawl Space		☒ Community		
☐ Basement w/plumbing	☐ Basement w/o plumbing				

Comments / Conditions: Stub out house sewer line shallow to ensure gravity flow to septic tank. Recommend having septic tank pumped every 5 years.

INITIAL SITE SKETCH

See attached plans from Michael Athanas + Associates Michael Athanas LSS # 1252

Dated: 5/20/2020

AS BUILT SKETCH

* Installed as permitted Line Lengths Shown on site plan.

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

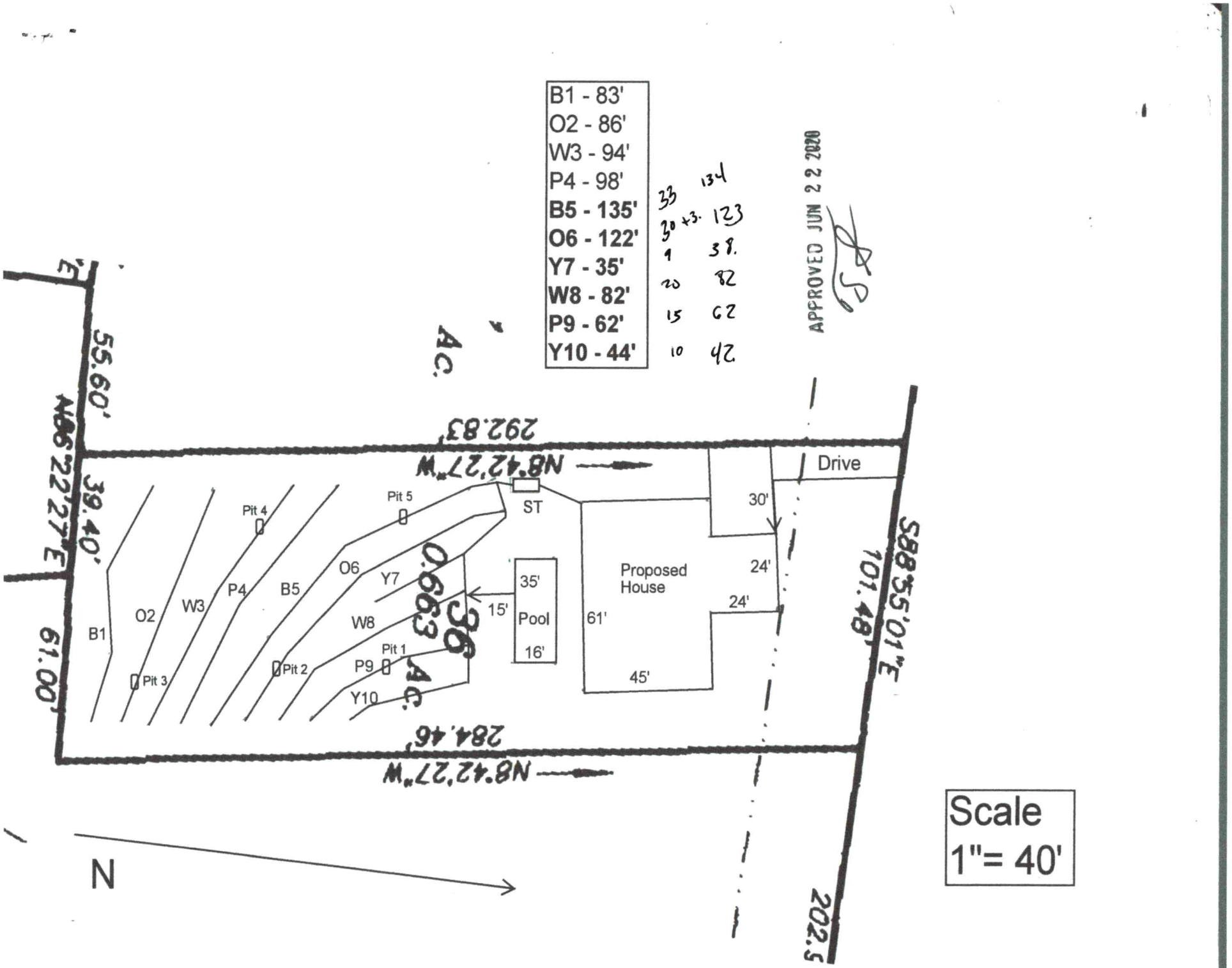
☐ IMPROVEMENT PERMIT *with plat valid without expiration.* ☒ IMPROVEMENT PERMIT *with site plan valid for 60 mos.* ☐ AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Acceptance of Permit Recvd | Date: 7.15.2020 | Installed by: Abernathy Grading & Septic

IMPROVEMENT PERMIT by: Tom Rhodes | Date: 6/22/2020 | OPERATION PERMIT by: Brian A Bridges | Date: 12-9-2020

AUTHORIZATION TO CONSTRUCT by: Marie Nelson | Date: 8/19/2020 | 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.


B1 - 83'
O2 - 86'
W3 - 94'
P4 - 98'
B5 - 135'
O6 - 122'
Y7 - 35'
W8 - 82'
P9 - 62'
Y10 - 44'
33 134
30 +3. 123
1 38.
20 82
15 62
10 42
APPROVED JUN 2 2 2020
AC.
55.60'
N89°22'27"E
39.40'
61.00'
292.83'
N8°42'27"W
284.46'
N8°42'27"W
Drive
30'
ST
Pit 5
Pit 4
Pit 3
Pit 2
Pit 1
B1
O2
W3
P4
B5
O6
Y7
W8
P9
Y10
0.63 AC.
35'
15'
Pool
16'
Proposed House
61'
24'
24'
45'
S89°55'01"E
101.48'
202.5
N
Scale
1"= 40'

PROPERTY ID #: 4730700390
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Daniel Terry
ADDRESS: 707 Circleview Dr, Beckley, WV 25801
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 161 Crooked Branch Way, Winding Forest Lot 36
APPLICATION DATE
DATE EVALUATED: 5/2020
PROPERTY SIZE: 0.663 AC
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private X 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
PIT 1	LS 4%	0-16	Br SCL WSBK	FR SS SP SXP	YB/Mn 34-50"	55"	N/A	N/A	PS 0.25
		16-34	R C SBK	FR SS SP SXP					
		34-50	R C ABK	FR SS SP SXP					
		50-55	R CL WSBK	FR SS SP SXP					
PIT 2	LS 7%	0-14	Br SCL WSBK	FR SS SP SXP	YB 36-46"	60"	N/A	N/A	PS 0.25
		14-46	R C ABK	FR SS SP SXP					
		46-60	R CL WSBK	FR SS SP SXP					
PIT 3	LS 7%	0-12	Br SCL WSBK	FR SS SP SXP	N/A	62"	N/A	N/A	PS 0.3-0.275
		12-43	R C SBK	FR SS SP SXP					
		43-62	R CL WSBK	FR SS SP SXP					
PIT 4	LS 6%	0-10	Br SCL WSBK	FR SS SP SXP	N/A	62"	N/A	N/A	PS 0.3
		10-48	R C SBK	FR SS SP SXP					
		48-62	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440 FT^2	1083 FT^2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.25	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT: Tom Shuck (6/22/2020)
APPROVED JUN 22 2020

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4730700390_____
DATE OF EVALUATION: _______________
COUNTY: __IREDELL___

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON 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
PIT 5	LS 6%	0-12	Br SCL WSBK	FR SS SP SXP	Litho colors	65"	N/A	N/A	PS 0.3
		12-40	R C ABK	FR SS SP SXP					
		40-65	R CL WSBK	FR SS SP SXP					

COMMENTS: