ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP - 324456

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

PIN # 4750 -- 17 -- 4203

APPLICANT/OWNER: ALRAYS CONCRETE CUTTING | APPLICANT ADDRESS: 173 THUNDER ROAD, MOORESVILLE, N.C. 28115

SITE ADDRESS: 269 HOUSTON ROAD, TROUTMAN, N.C. 28166 | PHONE: 704-230-0920 | ALT. PHONE: —

SITE DIRECTIONS: (S) ON 21, (L) ON HOUSTON, LOT ON (L) | SAP CONTROLLED: [x] YES [ ] NO

SUBDIVISION: PIEDMONT LANDCO LLC. | SECTION: — | LOT # 2 | LOT AREA: 3.555 AC | DESIGN FLOW: 300 gpd | L.T.A.R.: .3I/.27R

Septic Tank	1000 (gal)	STB	760	Date	4-10-23	[x] New System	[ ] Repair	[ ] Expansion	System Type: I II (III) IV V VI
Pump Tank	— (gal)	PT	—	Date	—	System Description:	50% REDUCTION - PPBPS		
Pump Make	—	Model	—	Serial #	—	Repair System Description:	50% REDUCTION - PPBPS		
# Nitrification Fields	1	# Lines	4	Linear Ft	168ft	Maintenance Agreement Required:	[ ] YES	[x] NO	
Trench Width	24 IN	Trench Bottom Depth(Low side)	32 IN	Gravel Depth	—	[x] GRAVITY	[ ] PRESSURE		

[ ] Residence — No. Bedrooms: —
[x] Business — No. Persons: —
[ ] Other — No. Employees: 12
[x] Slab [ ] Crawl Space
[ ] Basement w/plumbing [ ] Basement w/o plumbing

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

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE EQUAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH, NO PUBLIC RESTROOMS.

INITIAL SITE SKETCH

SEE ATTACHED SITE PLAN
BY: MICHAEL ATHANAS AND ASSOCIATES, LSS
(DATED: 8-9-2022)

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.* [x] **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* [x] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 08/11/22 | Installed by: Piedmont Septic

IMPROVEMENT PERMIT by: Buford C. White Date: 8-9-2022 | OPERATION PERMIT by: Sydney Holland Date: 5/26/23

AUTHORIZATION TO CONSTRUCT by: Buford C. White Date: 8-9-2022 | Existing System Inspected by: Date:

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

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
7/15/2022

Reference: Data Sheet for 269 Houston Rd, PIN 4750174203
Building Footprint: 150' x 80'
Building Setbacks: 35' front/rear, 15' side
Water Source: Public water
Number of Employees/Daily Flow: 12/300 GPD
Proposed LTAR: 0.3 GPD/FT^2 (initial), 0.275 GPD/FT^2 (repair)
Proposed System Type: PPBPS
Proposed Repair System Type: Horizontal PPBPS
Distribution: Gravity-Distribution Box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36" (initial), 20-24" (repair)

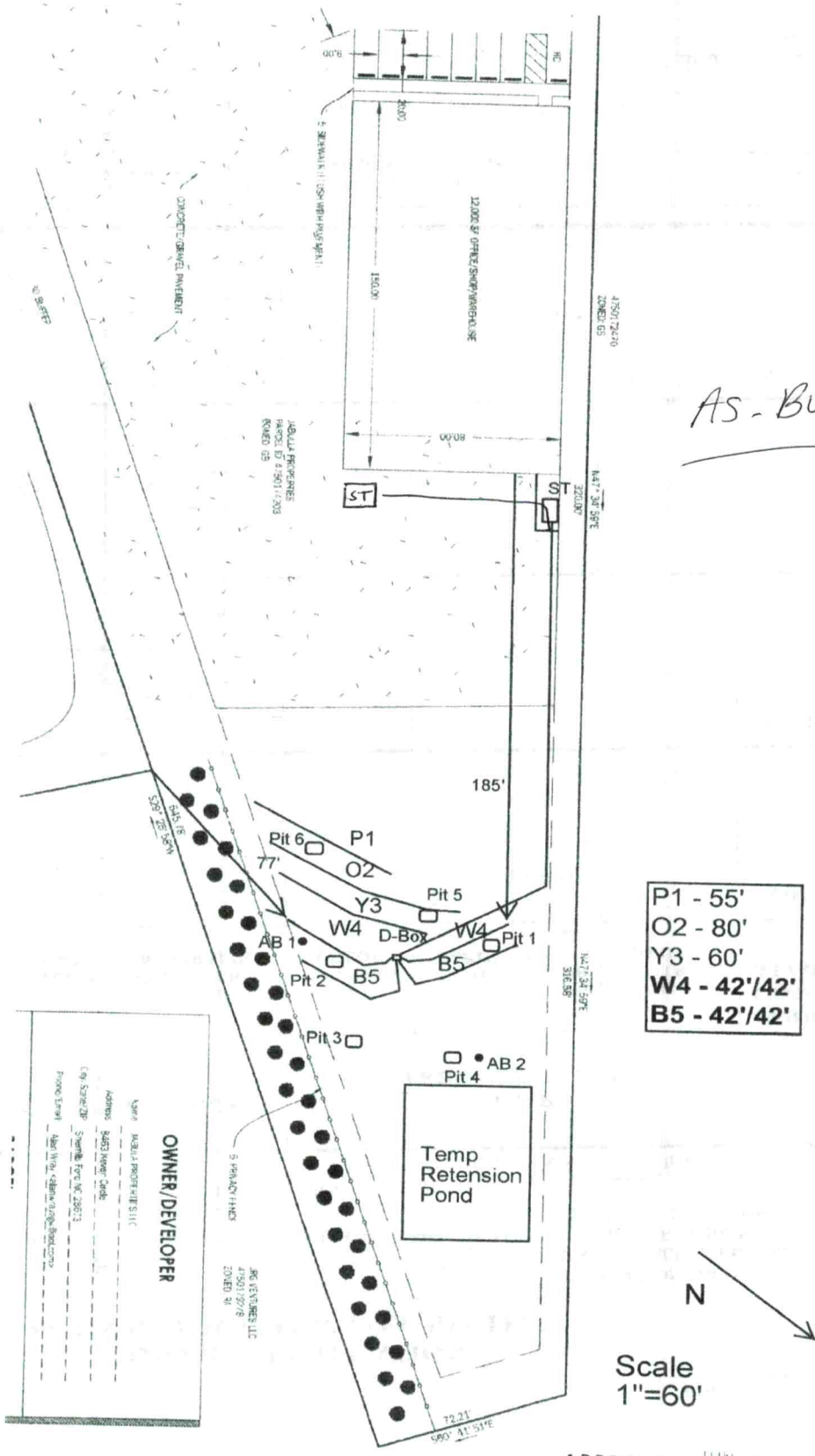


Line	Design Length	Actual Length
Pink 1		55'
Orange 2		80'
Yellow 3		60'
White 4	**42'/42'**	**90'**
Blue 5	**42'/42'**	**90'**

Initial System: 168' **Repair System:** 195'

Comments:
The septic tank must be placed in an area without vehicular traffic and must not be paved over. The supply line should be 30" below the paved area or sleeved.

APPROVED JUN 09 2022


As-Built
ST
185'
77'
Pit 6
P1
O2
Pit 5
Y3
W4
D-Box
W4
Pit 1
AB 1
B5
B5
Pit 2
Pit 3
AB 2
Pit 4
Temp
Retension
Pond
P1 - 55'
O2 - 80'
Y3 - 60'
W4 - 42'/42'
B5 - 42'/42'
OWNER/DEVELOPER
N
Scale
1"=60'
APPROVED JUN 09 2022

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4750147203
DATE OF EVALUATION:
COUNTY: IREDELL

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	
AB 1	LS 8%	0-8	Br CL WSBK	FR SS SP SXP	N/A	48"		N/A	PS 0.3
		8-37	R C SBK	FR SS SP SXP					
		37-48	R CL WSBK	FR SS SP SXP			Few SAP		
AB 2	LS 10%	0-4	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		4-36	R C SBK	FR SS SP SXP					
		36-48	R CL WSBK	FR SS SP SXP					
PIT 5	LS 8% 1 CHD 48" OPEN	0-3	Br CL WSBK	FR SS SP SXP	N/A	55"		N/A	PS 0.3+
		3-22	R C SBK	FR SS SP SXP					
		22-55	R CL WSBK	FR SS SP SXP			F-C SAP		
PIT 6	LS 8% 1 CHD 41" OPEN	0-3	Br CL WSBK	FR SS SP SXP	N/A	52"	N/A	N/A	PS 0.3+
		3-25	R C SBK	FR SS SP SXP	1 CHD V/B MOTS @ 30" FEW SP PINS C				1 CHD HORIZONTAL PPBPS 0.275
		25-52	R CL WSBK	FR SS SP SXP					

COMMENTS: