324102

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2022-6019

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

PIN # 4636-15-5519

APPLICANT / OWNER: Spivey Construction Co. Inc. APPLICANT ADDRESS: PO Box 4268, Mooresville, NC 28117

SITE ADDRESS: 1281 BRAWLEY SCHOOL RD, MOORESVILLE, NC 28117 PHONE: (704) 202-9461 ALT. PHONE: 704) 663-4189

SITE DIRECTIONS: W Brawley School Rd -> Lot on corner of Brawley & Isle of Pines SAP CONTROLLED: YES ☑ NO ☐

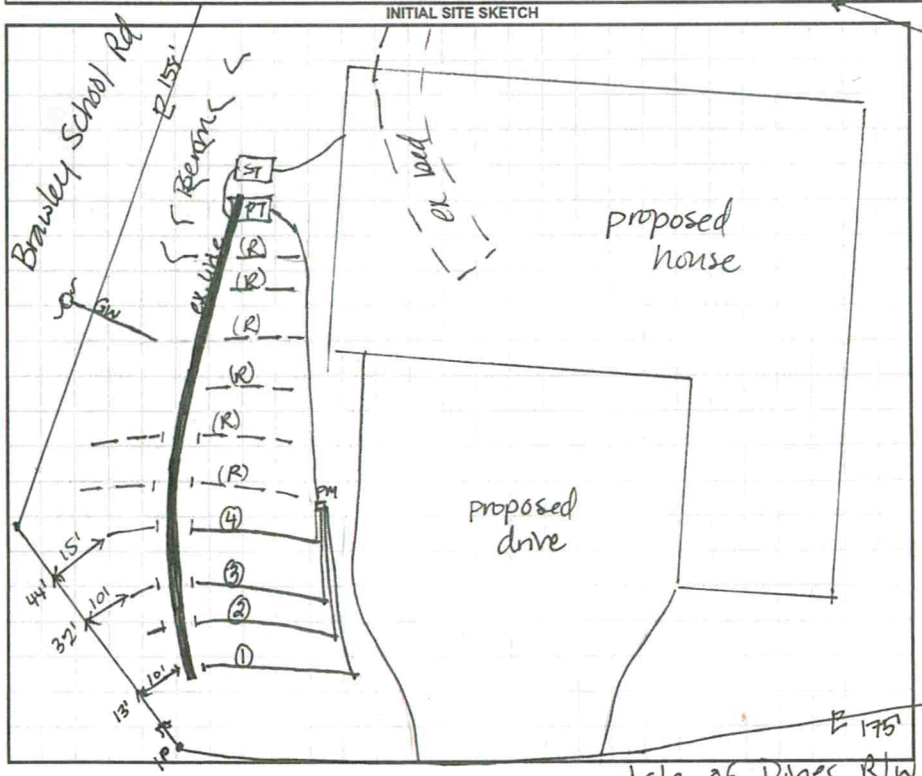
SUBDIVISION: The Retreats SECTION: LOT #: 5 LOT AREA: 0.81 DESIGN FLOW: 240 L.T.A.R.: 0.3

Septic Tank: 1000 (gal)	STB: H20	Date: 10/2/23	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 2	Water Supply: New Well
Pump Tank: 1000 (gal)	PT: H20	Date: 10/1/23	System Description: VPPBPS		☐ Business	No. Persons: 2	
Pump Make: Zoeller	Model: BN151	Serial #: 2K23L066X	Repair System Description: LP - VPPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 136	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 36		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

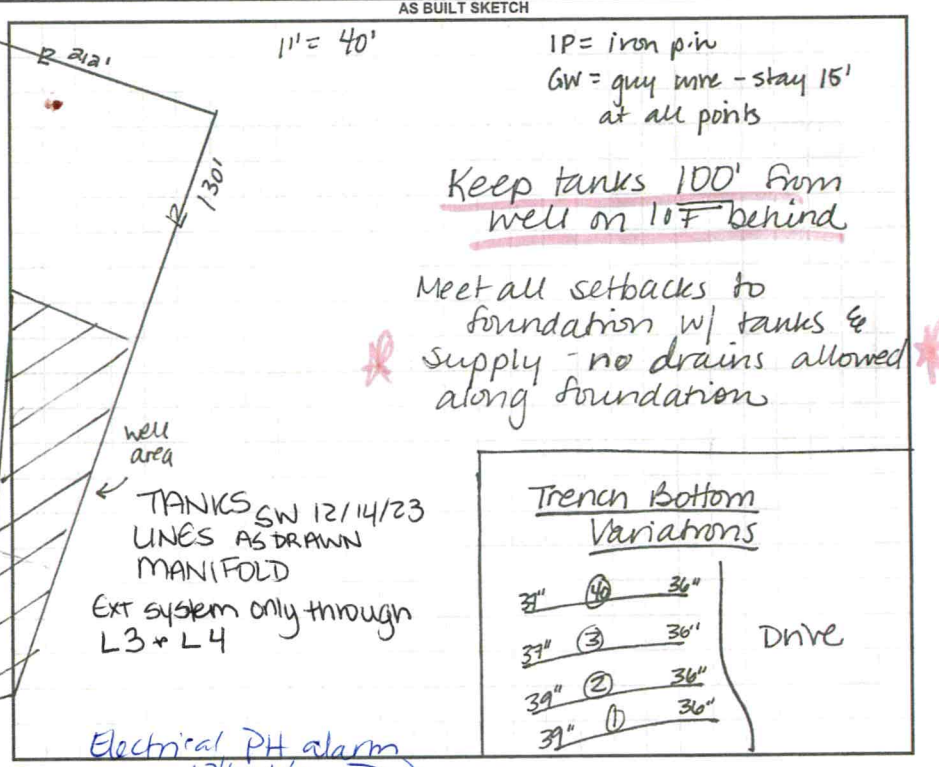
Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield area. Maintain 15' off power poles & guy wires. Solid pipe over existing drain line & for 2' on either side of line. Use pressure manifold distribution, trench depth may vary to achieve layout shown. 2' pressure head, 2" supply line. 8 panels each line, 1/2" SCH 80 each line Dose: 115.2 g Drawdown: 5.48" Flow: 21.92 gpm Runtime: 5.25 min

* achieve 34' line length for each line

INITIAL SITE SKETCH



AS BUILT SKETCH



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:

IMPROVEMENT PERMIT by: D. Wiebers Date: 12/12/23

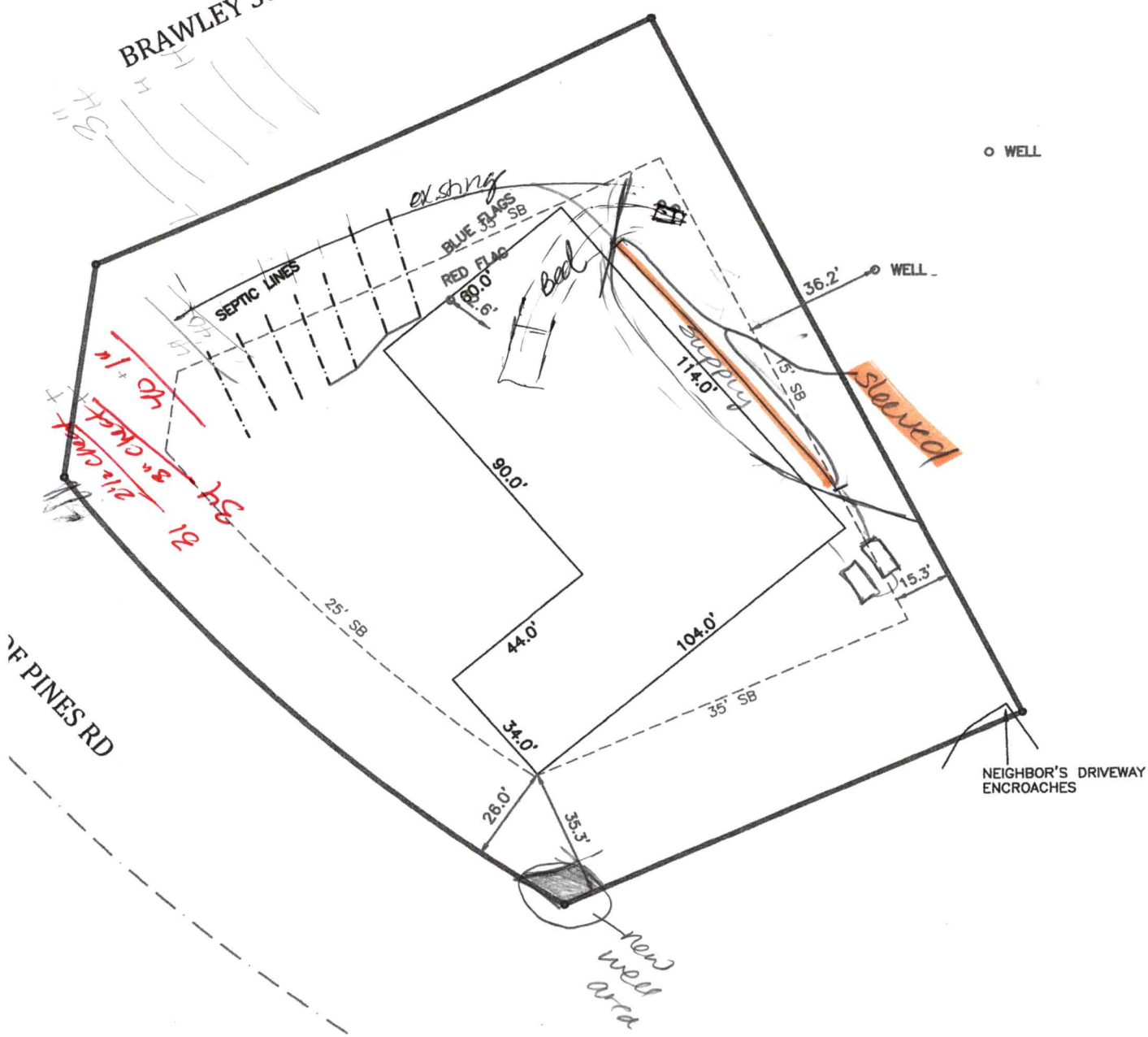
AUTHORIZATION TO CONSTRUCT by: D. Wiebers Date: 12/12/23

Installed By: SIPE Grading

OPERATION PERMIT by: D. Wiebers Date: 12/20/23

Existing System Inspected By: Date:

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


BRAWLEY SCHOOL RD
F PINES RD
WELL
WELL
existing
BLUE FLAGS
SB
RED FLAG
SEPTIC LINES
80.0'
Bed
36.2'
Supply
114.0'
15' SB
Sleeved
90.0'
25' SB
44.0'
104.0'
15.3'
35' SB
34.0'
26.0'
35.3'
NEIGHBOR'S DRIVEWAY
ENCROACHES
new well area

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

Sheet ____ of ____
PROPERTY ID #: _____
COUNTY: _____

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

OWNER: Spivey Construct _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 3/22/22
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
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	10%	0-8	Brw SCL	w SBK SS, SP, SExp, FR					PS
		8-24	RC m-	w SBK SS, SP, SExp, FR					
		24-60	RCL	w SBK SS, SP, SExp, FR				w/few	
			to many SAP Inclus & common					SAP	.3
		60-62	L/SL	SAP FR, massive	—	60"	PS	—	
2	10%	0-14	Fill						PS
		14-24	Brw SCL	w SBK	SS, SP, SExp, FR				
		24-64	RC m-	w SBK S, P, SExp, FR					.3
					—	64"	PS	—	
3	8%	0-8	Brw SCL/CL	w SBK SS, SP, SExp, FR					PS
		8-31	RC m-	w SBK SS, SP, SExp, FR					
		31-60	RCL	w SBK SS, SP, SExp, FR				w/few to many SAP Inclus	
			& common Mica						.3
		60-62	L/SL	SAP massive, FR	—	60"	PS	—	
4	8%	0-8	Brw SCL/CL	w SBK SS, SP, SExp, FR					PS
		8-30	RC m-	w SBK SS, SP, SExp, FR					
		30-56	RCL	w SBK SS, SP, SExp, FR				w/few to many SAP	
			Inclus & common Mica						.3
		56-62	L/SL	SAP massive FR	—	56"	PS	—	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: ~~Bart Abernathy~~, Guy Smith

COMMENTS: _____

#5 0-5 -SCL
5-24 -C
24-54 -CL
54-64 -L
SAP incl common

Updated February 2014

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 326102R

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

PIN # 4630 -- 15 -- 5519

* inspections under 326102 | 175 | RELAY - 2022-16623

APPLICANT/OWNER: Spivey Const. | APPLICANT ADDRESS: PO Box 4268, Mooresville NC 28117

SITE ADDRESS: 1281 Brawley School Rd, Mooresville NC 28117 | PHONE: 704-202-9461 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School Rd → (L) Isle of Pines | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Retreats | SECTION: N/A | LOT # 5 | LOT AREA: 0.81 Ac | DESIGN FLOW: 240 gpd | L.T.A.R.: 0.3

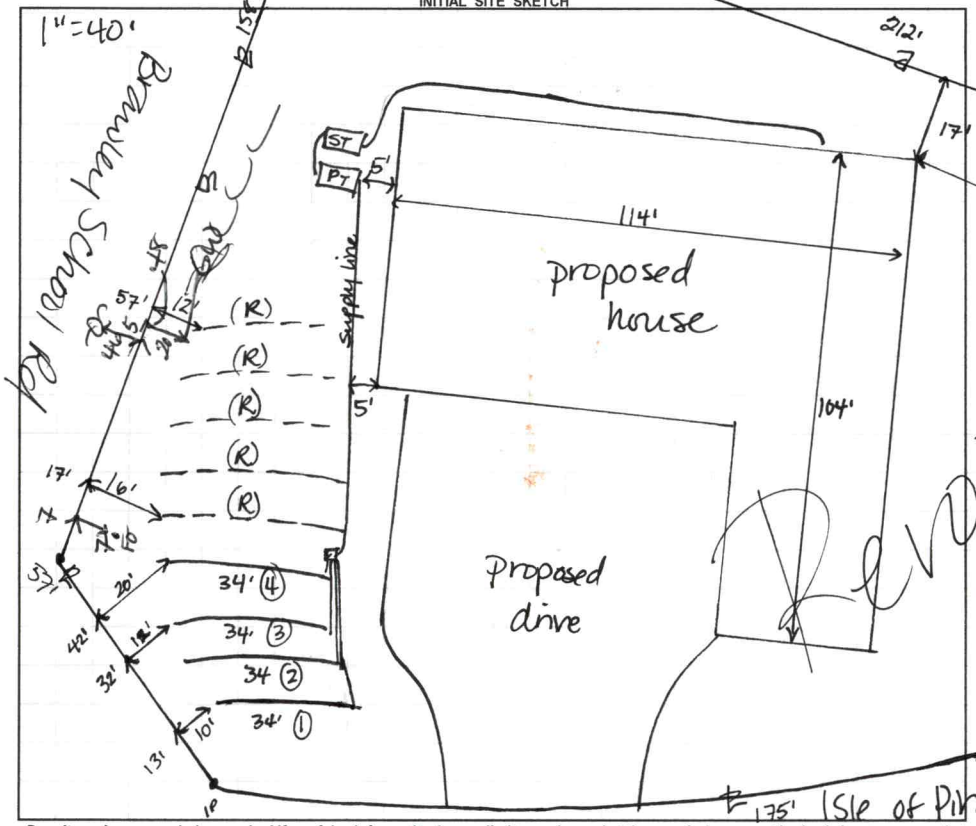
Septic Tank	1000	(gal)	STB		Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 2
Pump Tank	1000	(gal)	PT		Date	System Description:	50% Reduction - VPPBPS			☐ Business	No. Persons 4
Pump Make		Model			Serial #	Repair System Description:	same			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4		Linear Ft 136'	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	min 24"	Trench Bottom Depth(Low side)		36'	Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: * 15' off powerlines & poles *

Do not pave, grade, drive, park, or bury utilities in drainfield.
Use pressure manifold distribution
Trench depth may vary to achieve layout shown.

INITIAL SITE SKETCH



AS BUILT SKETCH

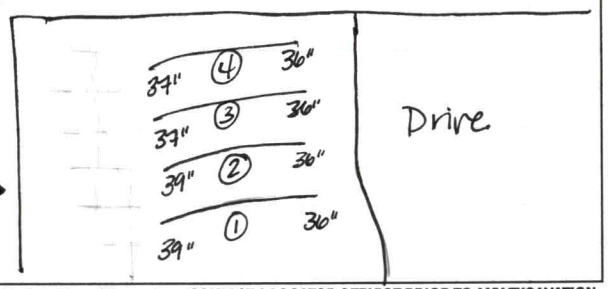
FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

well behind - drain

Pressure manifold:
2" supply
2' pressure head

→ 8 panels each line
taps: 1/2" SCH 80 each line
dose = 115.2 g
drawdown = 5.48"
Flow = 21.92 gpm
Run time =

Trench Bottom Variations →



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☐ **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: D. Spivey | Date: 8/18/22 | Installed by:

IMPROVEMENT PERMIT by: D. Mieberg | Date: 8/4/22 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: D. Mieberg | Date: 8/4/22 | Existing System Inspected by: | Date:

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