

DANIEL J. BLILEY

SOIL AND LAND USE CONSULTANT

614 SOUTH SECOND STREET

SMITHFIELD, NORTH CAROLINA 27577

(919) 934-8610

April 2, 2025

Mrs. Leslie Privette
THREE SIX BUILDERS
P.O. Box 113
Zebulon, North Carolina 27597

RE: Soils and site evaluations for single family (3 bedrooms total) residential waste water approval. This LSS Evaluation is being submitted as required for AOWE Option Permits as defined by G.S. 130A-336.2. A LSS Evaluation was performed on the lot 5 located at 505 Rossie Jones Road, Middlesex, NC. in southern Franklin County. This is a revision of the existing permit which up-grades the dwelling to four bedrooms. The permit was originally issued July 30, 2024'

Mrs. Privette:

The attached copies of site plans, soil descriptions and drain field specifications for the design of septic systems for the above referenced lots were conducted in accordance with 15A NCAC 18A .1900 (Laws & Rules for Sewage Treatment and Disposal).

During construction it is important that the proposed septic drain field areas (including identified repair area) not be subject to any disturbances of the soils that would result in compaction and destruction of soil structure. Construction traffic should be restricted to the proposed driveway and front yard areas of the lot. Any additional clearing of site vegetation should be conducted during relatively dry periods to avoid compaction.

The proposed design for drain fields using gravel-less trenches with Easy Flow or Infiltrator chambers as allowed under the regulations. The LTAR (0.30) values have been adjusted as prescribed under this rule.

Please call me if you have any questions.

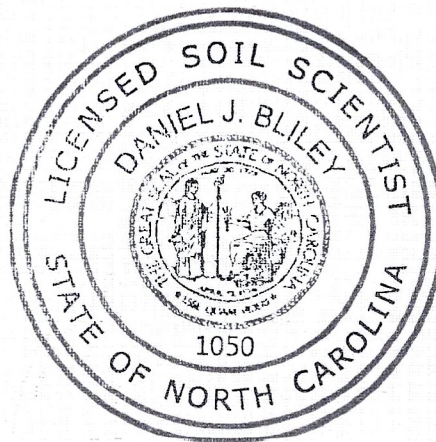
Sincerely



Daniel J. Bliley

Licensed Soil Scientist

AOWE Certification: 10041E





North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

☐ New ☐ Expansion ☐ Repair ☐ Relocation ☐ Relocation of Repair Area

Owner or Legal Representative Information:

Name: Three Six Builders, Inc.

Mailing address: P.O. Box 113 City: Zebulon State: NC Zip: 27597

Phone: 919-801-5640 Email: leslie@threesixbuilders.com

Authorized Onsite Wastewater Evaluator Information:

Name: Daniel J. Bliley Certification #: 10041E

Mailing address: 614 S. Second St. City: Smithfield State: NC Zip: 27577

Phone: 919-612-3539 Email: dbliley1@nc.rr.com

Site Location Information:

Site address: 30 Stream View Way, Zebulon, NC.

Tax parcel identification number or subdivision lot, block number of property: Lot 22 Tantallon Subdivision

County: Franklin

System Information:

Wastewater System Type: IIIb

Daily Design Flow: 360 gal.

Saprolite System: ☐ Yes ☒ No Subsurface Operator Required: ☐ Yes ☒ No

Water Supply Type: ☒ Private Well ☐ Public Water Supply ☐ Spring ☐ Other: _____

Facility Type:

☒ Residential 3 # Bedrooms 6 Maximum # of Occupants

☐ Business Type of Business and Basis for Flow: _____

☐ Public Assembly Type of Public Assembly and Basis for Flow: _____

Required Attachments:

☒ Plat or Site Plan

☒ Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 30th day of Mar., 2025 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.

This NOI shall expire on _____ day of _____, _____.

Signature of Authorized Onsite Wastewater Evaluator: Daniel J. Bliley

Signature of Owner or Legal Representative: _____

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:

Signature of Local Health Department Representative: _____

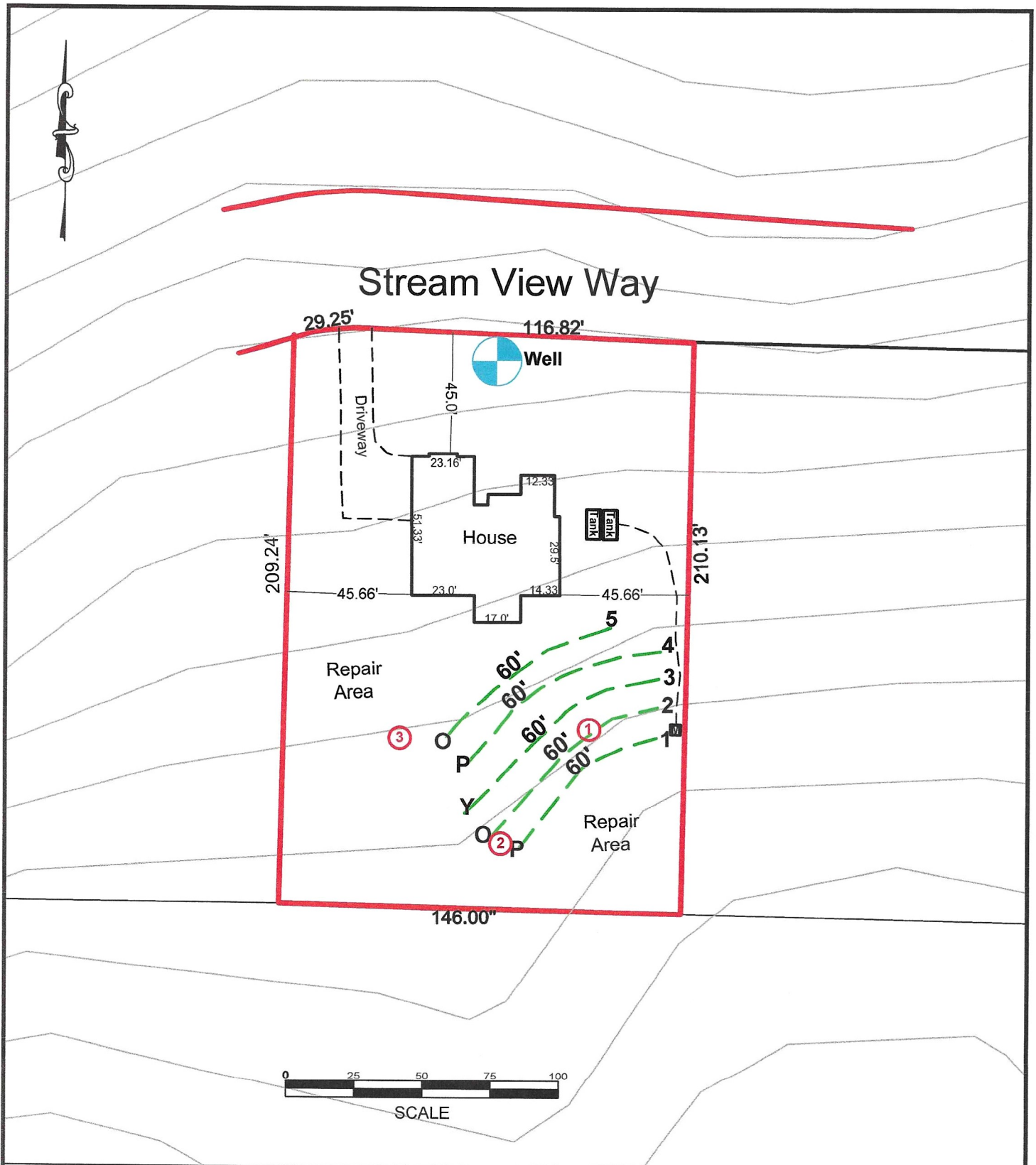
Date: _____

SEPTIC SYSTEM DESIGN

LOT 22 TANTALLION SUBDIVISION

30 STREAM VIEW WAY

- Dwelling** - Three bedroom constructed home.
- Initial System** - 300 linear ft. of conventional (accepted) drain field trenches. Trenches. Use trenches 1, 2, 3, 4 & 5 with a pump system and pressure manifold for effluent distribution. Site LTAR = 0.30gal./sq. ft. of trench bottom . Use proprietary measures (Easy Flow or Chambers) for the 25 percent reduction in trench requirements. See attached site plan
- Repair System** - 300 linear ft. of conventional (accepted) drain field trenches. Use trench 3 and an additional trench installed in areas designated "Repair Area" on the attached site plan. Site LTAR = 0.30 gal./sq. ft. of trench bottom. Use proprietary measures (Easy Flow or Chambers) for the 25 percent reduction in trench requirements.
- Waste Water Flow** - 360 gallons/day
- Septic Tank** – Volume = 1000 gallons
Setback – 10 ft. from dwelling
20 ft. from property lines
- Pump Tank** – Volume = 1,000 gallons
Draw Down – 6.26 inches
Gallons/Minute – 27.40
Total Dynamic Head – 12.94
- Drain Field** - Trench Depth – 24 inches
Setbacks – 10 ft. from lot line
10 ft. from house
- Water Supply** – Individual well



Project: Lot 22 Tanttallon
 Client: Three Six Builders
 CAD File: Tanttallon
 Scale: 1' = 50'
 Date: March 30, 2025

Daniel J. Bliley

Soils and Land Use Consultant

614 South Second Street - Smithfield NC 27577
 Phone/Fax: (919) 934-8610 - Email: dbliley1@nc.rr.com

Legend

- Flagged Drain
- Field trenches
- Soil Borings

22 Tanfa18n

[illegible]

Bench Mark		is = 100.00	set at	Design Head:				2		
Pump tank elev.			100.00	Pump elev.	95.00	Manifold elev.		101.00		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE	LTAR
1	P		100.00	60	1/2in SCH 80	5.48	72.00	180		0.4000
2	O		100.00	60	1/2in SCH 80	5.48	72.00	180		0.4000
3	Y		100.00	60	1/2in SCH 80	5.48	72.00	180		0.4000
4	P		100.00	60	1/2in SCH 80	5.48	72.00	180		0.4000
5	O		100.00	60	1/2in SCH 80	5.48	72.00	180		0.4000
6			100.00		NA		0.00	0		#DIV/0!
7			100.00		NA		0.00	0		#DIV/0!
8			100.00		NA		0.00	0		#DIV/0!
		total	feet =	300	gal/min =	27.4		LTAR =		0.30
% of Pipe Vol.		65		Des. Flow	360			(ltar + 5%)		0.32
Dose Volume		126.75		Pump Run=	13.14			(ltar W/ INOV)		0.40
Dose Pump Time		4.63		Tank Gal/IN	20.25			(ltar + 5%)		0.42
Drawdown in Inches		6.26		Elev. Head	6.00					
Supply Line Length		40								
Comments:										

PRELIMINARY PLOT PLAN FOR
THREE SIX BUILDERS

LOT 22, TANTALLON SUBDIVISION

30 STEAM VIEW WAY

REF: P.B. 2024, PAGE 347

DUNN TOWNSHIP

FRANKLIN COUNTY, NORTH CAROLINA

MARCH 20, 2025

ZONED R-30

50 25 0 50 100



SCALE 1"=50'

STREAM VIEW WAY 50' PUBLIC R/W

L=29.25' 116.82'

45.0'

PROPOSED DRIVEWAY

PROPOSED HOUSE

23

TANTALLON
SUBDIVISION
B.M. 2024, PG. 347

21

TANTALLON
SUBDIVISION
B.M. 2024, PG. 347

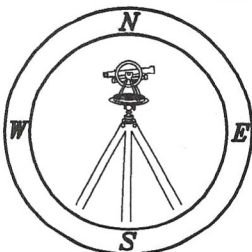
22

30,724 S.F.
0.705 AC.

146.00'

N/F
DOUGLAS RAY BRYANT
& LINDA M. BRYANT
D.B. 784 PG. 408
PRF 1 SLIDE 144
PIN 2729-99-6800
ZONED R-30

THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.



CMP

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:
-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.