

CERTIFICATE OF COMPLIANCE

County Mercer County Municipality Hopewell Township

INSTRUCTIONS: Part A is to completely filled in for all Certifications. Only Part B or Part C will be completed. Part B will be completed if the administrative authority relies upon the certification signed and sealed by a New Jersey licensed professional engineer that the system has located, constructed, installed or altered in compliance with the requirements of the N.J.A.C. 7:9A-1 and the Application to Construct/Alter/Repair an Individual Subsurface Sewage Disposal System which was approved by the administrative authority. Part C will be completed if the administrative authority performed the certification.

Part A – General Information

1. Permitted Activities (Check applicable categories)

Permit Number _____

- ☐ New Construction
- ☒ Alteration/No Expansion or Change of Use
- ☐ Alteration/Expansion or Change of Use
- ☒ Alteration/Malfunctioning System
- ☒ Deviation from Standards
- ☐ Repairs to Existing System

2. Location of Project:

Municipality Hopewell Twp. Block 98.01 Lot 12

Street Address 402 Washington Crossing-Pennington Road, Titusville, NJ 08560

Name and Present Address of Applicant: Nancy Stemhagen, 402 Washington Crossing-Pennington Road,

Titusville, NJ 08560

Applicant's Phone Number: 609-737-8646

Part B – Professional Engineers Certification

I certify under penalty of law that the subsurface sewage disposal system identified in Part A has been located, constructed, installed or altered in compliance with the requirements of N.J.A.C. 7:9A-1 and the Application to Construct/Alter/Repair and Individual Subsurface Sewage Disposal System which was approved by the administrative authority. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



(Signature)

Date: 1/17/22

Theodore H. Bayer, P.E. Lic. No. GE33806

Name (Type or Print), License #

SEAL

Part C – Certification by Administrative Authority

I certify under penalty of law that the subsurface sewage disposal system identified in Part A has been located, constructed, installed or altered in compliance with the requirements of N.J.A.C. 7:9A-1 and the Application to Construct/Alter/Repair and Individual Subsurface Sewage Disposal System which was approved by the administrative authority. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Authorized Signature

Type of License Held

Date: _____

Name (Typed or Printed)

License Number

For Agency Use Only

Date Received: 2-7-2022

Form Determined to Be: X Complete

Incomplete

Date Returned _____

Date Received _____

Date Certification Approved: 2-7-2022

Authorized Signature: Mike Beam

HOPEWELL TOWNSHIP HEALTH DEPARTMENT
201 Washington Crossing-Pennington Road
Titusville, New Jersey 08560

ENGINEER CERTIFICATION OF FILL MATERIAL

Block 98.01 Lot 12 402 Washington Crossing-Pennington Road

Quarry: North American Aggregates

Disposal System Design Rate 6-20 in/hr per original design

I hereby certify that the fill material used in the: ☒ Zone of Treatment ☒ Zone of Disposal
meets the specifications of NJAC 7:9A

Textural Analysis:

	<i>Zone of Treatment</i>	<i>Zone of Disposal</i>
3/8" Sieve (100%)	100 %	100 %
No. 8 Sieve (Between 80-100%)	92 %	92 %
No. 16 Sieve (Between 50-85%)	78 %	78 %
No. 30 Sieve (Between 25-60%)	54 %	54 %
No. 50 Sieve (Between 10-30%)	16 %	16 %
No. 100 Sieve (Between 2-10%)	3 %	3 %
Coarse Fragments (No. 8 Sieve) (less than 20% by weight)	☐ vol. ☒ wt. 9 %	☐ vol. ☒ wt. 9%

☒ Percolation test result 3.0 min/inch

☐ Tube permeameter test result _____ in/hr

I certify that the textural analysis, permeability, and compaction of the fill material meet the requirements of N.J.A.C.7:9A-10.4(f).



Theodore H. Bayer, P.E.
Engineer's Signature and Seal

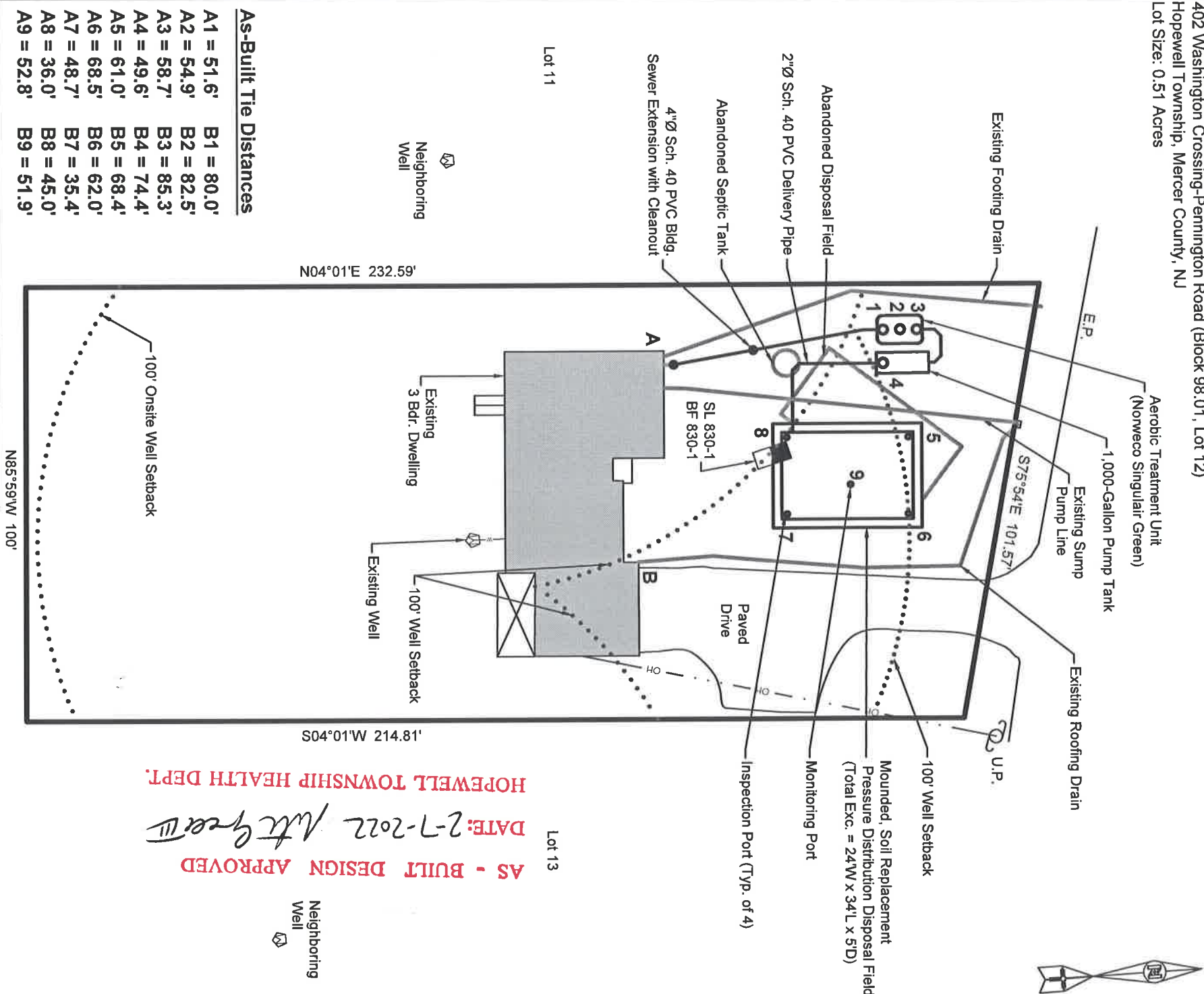
Bayer-Risse Engineering, Inc.

Date 1/17/2022

NOTES:

- 1. This plan is not a survey and represents the approximate location of the septic system components relative to the existing structure as shown.
- 2. The disposal system incorporates an advanced wastewater pretreatment unit. A service contract with an authorized service provider must be maintained for as long as the system is operational. Maintenance and monitoring shall be as required throughout the life of the system in accordance with the regulations cited under NJAC 7-9A-12.3.

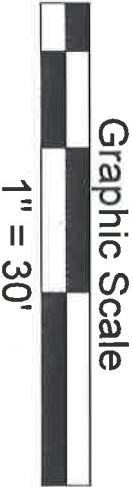
402 Washington Crossing-Pennington Road (Block 98.01, Lot 12)
Hopewell Township, Mercer County, NJ
Lot Size: 0.51 Acres



As-Built Tie Distances

A1 = 51.6'	B1 = 80.0'
A2 = 54.9'	B2 = 82.5'
A3 = 58.7'	B3 = 85.3'
A4 = 49.6'	B4 = 74.4'
A5 = 61.0'	B5 = 68.4'
A6 = 68.5'	B6 = 62.0'
A7 = 48.7'	B7 = 35.4'
A8 = 36.0'	B8 = 45.0'
A9 = 52.8'	B9 = 51.9'

REVISION DESCRIPTION	DATE	APPROVED



Septic System Alteration Design
Record Drawing Plan

Drawn By: DA	Designed By: DA	Checked By: THB	DWG NO. REC-1	BRE JOB#: 21-2377	SCALE: As Noted	DATE: January 17, 2022	SHEET: 1 of 1
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Nancy Stenhausen Block 98.01, Lot 12 Hopewell Twp., Mercer Co., NJ 402 Washintgon Crossing-Pennington Rd

THEODORE H. BAYER, P.E.
New Jersey Professional Engineer License No. GE338606

AS - BUILT DESIGN APPROVED
DATE: 2-7-2022
Att Green
HOPEWELL TOWNSHIP HEALTH DEPT.