

HOPEWELL TOWNSHIP HEALTH DEPARTMENT
CERTIFICATE OF COMPLIANCE
INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

PART A- General Information

1. Permitted Activities (check applicable categories)

- ☒ 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 Township
Lot: 2
Block: 45

Street Address: 12 Old Mill Road
Pennington, NJ 08534

3. Name & Present Address of Applicant:

Alan Wood
12 Old Mill Road
Pennington, NJ 08534

Applicant's Phone Number: 609-306-2892

PART B- Professional Engineer 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 an 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.


Wayne Ingiam, PE
License #24GB042582

PART C- Township Certification


Signature of Township Representative

SUITABLE FILL CERTIFICATION
For
HOPEWELL TOWNSHIP HEALTH DEPARTMENT

MUNICIPALITY: Hopewell Township DATE: 10/10/19
BLOCK: 45 LOT: 2 DISPOSAL SYSTEM DESIGN RATE: 6-20 in/hr
QUARRY NAME: Phoenix

I hereby certify that the fill material used meets the requirements of 7:9A.

Date fill material acquired from field: 9/19/19
Date of testing: 9/19/19

A textural analysis of:
Percentage Passing Through:

3/8 Sieve	<u>100%</u>
8 Sieve	<u>91.4%</u>
16 Sieve	<u>70.3%</u>
30 Sieve	<u>39.2%</u>
50 Sieve	<u>19.6%</u>
100 Sieve	<u>9.1%</u>

Coarse fragment: 8.6% Coarse fragment: _____

(Check one) By: _____ Volume X Weight _____

** Fine & Very Fine Sand 20%



*Engineer's Signature and Seal

And that the fill material after it has been emplaced and compacted to a bulk density equivalent to the design permeability at the level of infiltration set forth in N.J.A.C. 7:9A-6.1(a) determined by: (Tube permeameter tests shall be performed within the bed area).

Date of fill material acquired from field: 9/19/19

Date of testing: 9/19/19

Percolation tests, with a result of: _____
Tube permeameter tests, with a result of: 20 in/hr

I find the compaction and placement of the fill material satisfactory and meets the requirements as set forth in N.J.A.C. 7:9A-10.4(F)3.



*Engineer's Signature and Seal

* Engineer's signature and Seal required in each section.

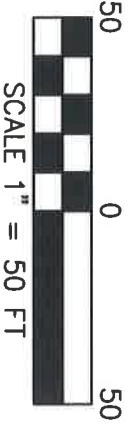
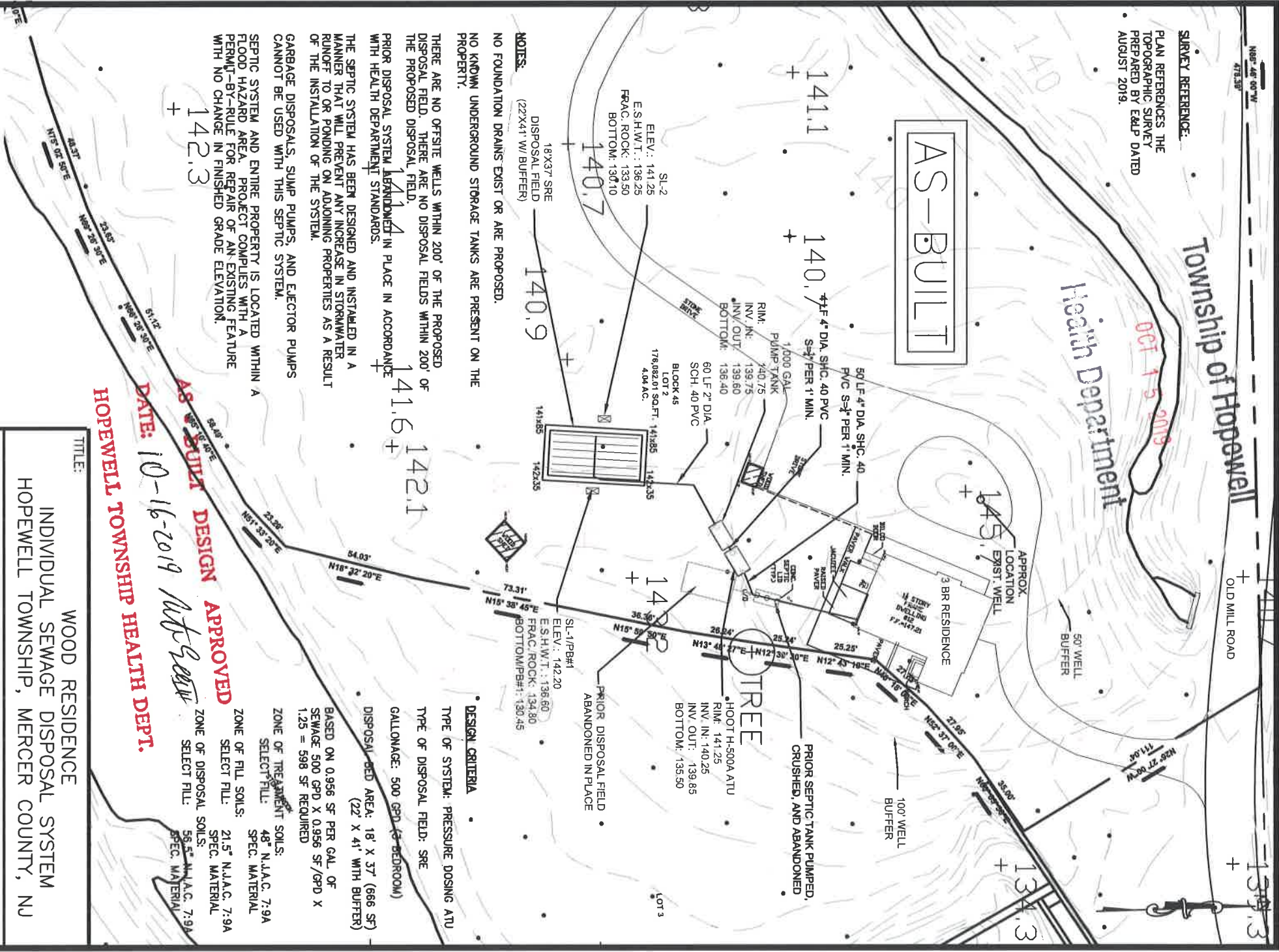
** Fine and very fine sand to 25% or less by weight. Or any additional tests required in the engineer's designs.

SURVEY REFERENCE:
PLAN REFERENCES THE
TOPOGRAPHIC SURVEY
PREPARED BY E&LP DATED
AUGUST 2019.

Township of Hopewell
Health Department

OCT 15 2019

AS-BUILT



NOTES:
NO FOUNDATION DRAINS EXIST OR ARE PROPOSED.
NO KNOWN UNDERGROUND STORAGE TANKS ARE PRESENT ON THE PROPERTY.
THERE ARE NO OFFSITE WELLS WITHIN 200' OF THE PROPOSED DISPOSAL FIELD. THERE ARE NO DISPOSAL FIELDS WITHIN 200' OF THE PROPOSED DISPOSAL FIELD.
PRIOR DISPOSAL SYSTEM ABANDONED IN PLACE IN ACCORDANCE WITH HEALTH DEPARTMENT STANDARDS.
THE SEPTIC SYSTEM HAS BEEN DESIGNED AND INSTALLED IN A MANNER THAT WILL PREVENT ANY INCREASE IN STORMWATER RUNOFF TO OR PONDING ON ADJOINING PROPERTIES AS A RESULT OF THE INSTALLATION OF THE SYSTEM.
GARBAGE DISPOSALS, SUMP PUMPS, AND EJECTOR PUMPS CANNOT BE USED WITH THIS SEPTIC SYSTEM.
SEPTIC SYSTEM AND ENTIRE PROPERTY IS LOCATED WITHIN A FLOOD HAZARD AREA. PROJECT COMPLETES WITH A PERMIT-BY-RULE FOR REPAIR OF AN EXISTING FEATURE WITH NO CHANGE IN FINISHED GRADE ELEVATION.

AS-BUILT DESIGN APPROVED
DATE: 10-16-2019
HOPEWELL TOWNSHIP HEALTH DEPT.

DESIGN CRITERIA

- TYPE OF SYSTEM: PRESSURE DOSING ATU
- TYPE OF DISPOSAL FIELD: SRE
- GALLONAGE: 500 GPD (1-BEDROOM)
- DISPOSAL BED AREA: 18' X 37' (666 SF) (22' X 41' WITH BUFFER)
- BASED ON 0.956 SF PER GAL. OF SEWAGE 500 GPD X 0.956 SF/GPD X 1.25 = 598 SF REQUIRED
- ZONE OF THE EXISTING SOLS:
SELECT FILL: 48" N.L.A.C. 7:9A SPEC. MATERIAL
- ZONE OF FILL SOLS:
SELECT FILL: 21.5" N.L.A.C. 7:9A SPEC. MATERIAL
- ZONE OF DISPOSAL SOLS:
SELECT FILL: 58.5" N.L.A.C. 7:9A SPEC. MATERIAL

TITLE:
WOOD RESIDENCE
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
HOPEWELL TOWNSHIP, MERCER COUNTY, NJ

E&LP
140 WEST MAIN STREET, HIGH BRIDGE, NJ 08829
(908) 238-0544 FAX: (908) 238-9572
C.O.A. #: 24CA28021500
A PROFESSIONAL ASSOCIATION

LOCATION: 12 OLD MILL ROAD BLOCK 45 LOT 2 HOPEWELL TOWNSHIP MERCER COUNTY, NJ		DATE: 8/17/19		WAYNE INGRAM, P.E. LICENSE #24G804258200 PROFESSIONAL ENGINEER		10/15/19	
1	REV. FOR AS-BUILT	JZ	10/15/19	PROJECT NO.: 01192275	DESIGNED BY: TB	CHECKED BY: WJI	
NO.	REVISION	BY	DATE	FILENAME: SITE.DWG	SCALE: 1" = 50'	SHEET NO.: 1 OF 1	