

Bureau of Environmental Health 8930 Stanford Blvd | Columbia, MD 21045 410.313.2640 - Voice/Relay 410.313.2648 - Fax 1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

Date: February 13, 2020

To: Tony Fertitta, FCC

Via E-mail: Tony Fertitta (tonyf@fcc-eng.com)

RE: Percolation Testing Report

13575 Nichols Drive Tax Map 34, Parcel 103

Mr. Fertitta,

Percolation testing was conducted on the referenced property and completed on February 4, 2020. The purpose for conducting these percolation tests was for an anticipated establishment of sewage disposal area.

A total of (6) six test holes were evaluated and five were found to be satisfactory with moderate percolation. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area for this lot. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

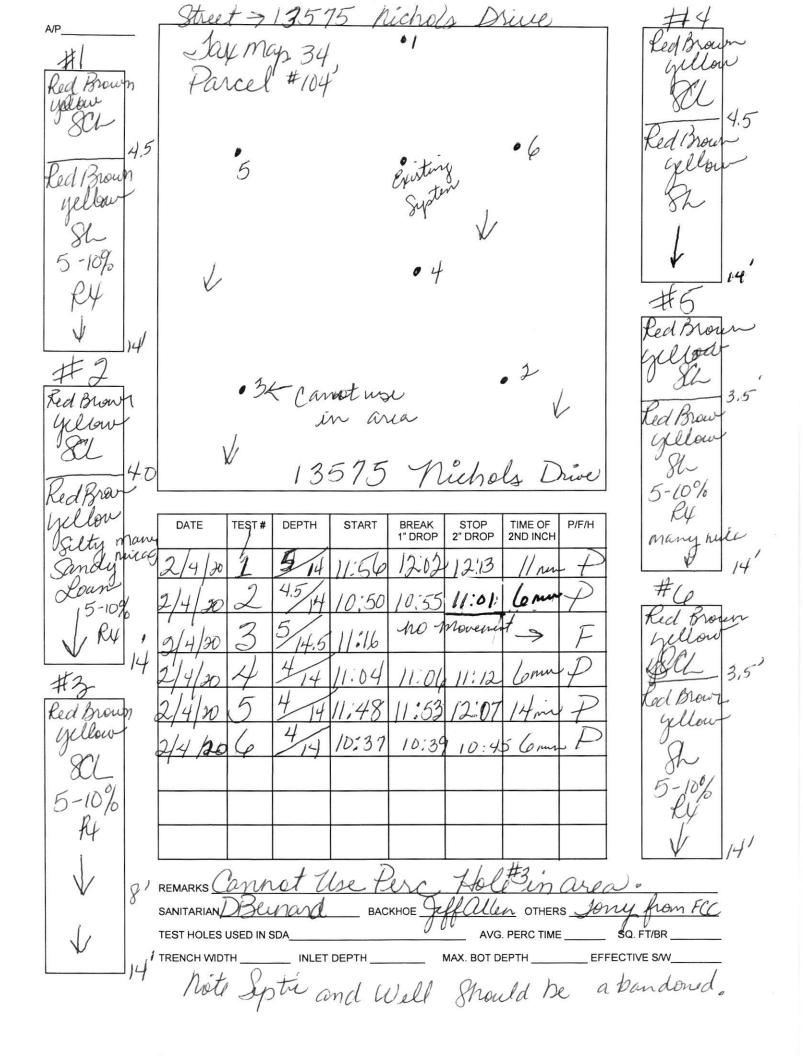
Dana Bernard

Dana Bernard, REHS/RS Environmental Specialist II

Attachments: 1

Cc: File

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth





Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org

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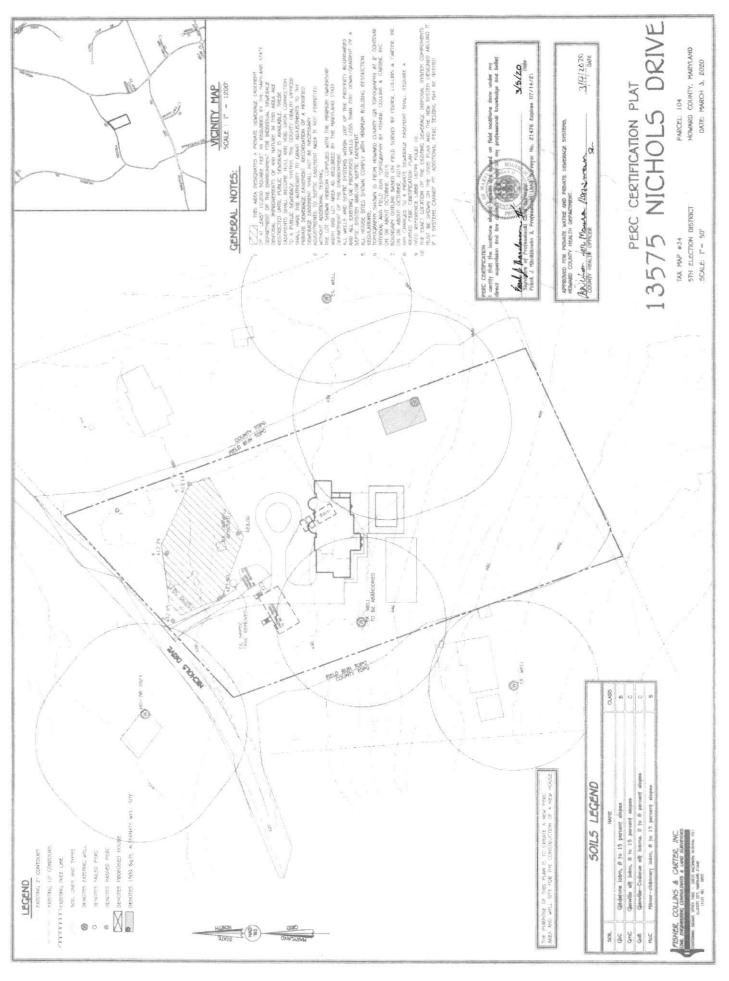
Maura J. Rossman, M.D., Health Officer

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APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Brighten Farms Estates
PROPERTY ADDRESS 13575 Nichols Drive CLARKSVILLE 21029
STREET TOWN ZIP
TAX ACCOUNT # 350964 TAX MAP 34 GRID 8 PARCEL 104 LOT NO. 11 PROPOSED LOT SIZE (ACRES) 3.28
ZONING CATEGORY RR-DEO TIER
PROPERTY OWNER(S) John & Sanu Sen
DAYTIME PHONE CELL 410-627-4511 EMAIL sensanu@yahoo.com
MAILING ADDRESS 109 HUNTS BLUFF RD SPARKS MD 21152
APPLICANT John & Sanu Sen STREET CITY, STATE ZIP RELATIONSHIP TO OWNER: Owner
DAYTIME PHONE CELL 410-627-4511 EMAIL sensanu@yahoo.com
MAILING ADDRESS 109 HUNTS BLUFF RD SPARKS MD 21152 STREET CITY, STATE ZIP
I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):
SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING)
 THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED THIS IS A PUBLIC DOCUMENT
I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations. By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service. SIGNATURE OF APPLICANT DATE



The delay of several months for our client although it may be unavoidable is significant.

Thank you for your assistance.

John Hoolachan

From: Tony Fertitta < tony Fertitta < tonyf@fcc-eng.com Sent: Monday, November 04, 2019 11:52 AM To: John Hoolachan < johnh@fcc-eng.com>

Subject: FW: 13575 Nichols Dr

From: Williams, Jeffrey < jewilliams@howardcountymd.gov >

Sent: Monday, November 4, 2019 11:17 AM

To: 'sensanu@yahoo.com' <sensanu@yahoo.com>

Cc: Tony Fertitta < tonyf@fcc-eng.com>

Subject: 13575 Nichols Dr

I have reviewed the perc test plan for 13575 Nichols Drive and the proposed disposal area is located within a wet season soil unit. We will have to wait until the next designated wet season to test in that area. Wet season typically occurs during the spring months depending on precipitation amount and water table levels. We can place this project on hold and you can contact us to schedule testing after we have opened wet season. We issue a memo to the engineers and homebuilders and make an announcement on our website when wet season has opened. Let me know if there are any questions. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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Williams, Jeffrey

From:

John Hoolachan <johnh@fcc-eng.com>

Sent:

Friday, November 08, 2019 2:54 PM

To:

Williams, Jeffrey

Cc: Subject: Frank Manalansan II RE: 13575 Nichols Dr

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Thanks Jeff.

Very helpful

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>

Sent: Friday, November 08, 2019 2:36 PM
To: John Hoolachan <johnh@fcc-eng.com>
Cc: Frank Manalansan II <frankm@fcc-eng.com>

Subject: RE: 13575 Nichols Dr

It is basically the hydric soils, but some of the ones on your list are alluvial soils that are "do not test". We have a fact sheet, attached. I'm not sure why it's not on the website. Your other option is to try to reconfigure to put the area out of that soil unit.

From: John Hoolachan < johnh@fcc-eng.com > Sent: Wednesday, November 06, 2019 9:46 AM

To: Williams, Jeffrey < jewilliams@howardcountymd.gov >

Cc: Frank Manalansan II < frankm@fcc-eng.com>

Subject: RE: 13575 Nichols Dr

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Morning Jeff,

I am working with Tony on this project and would appreciate it, if you could provide me with a link to the wet season soil units for future reference.

I looked at the Health Department website: https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic

but did not see a reference.

Are the wet season soil units the hydric soils?

 $\frac{\text{https://extension.umd.edu/sites/extension.umd.edu/files/}{\text{docs/programs/anmp/Hydric\%20Soils\%20Howard\%20Count}}{\text{y.xlsx}}$

Williams, Jeffrey

From:

Williams, Jeffrey

Sent:

Monday, November 04, 2019 11:17 AM

To:

'sensanu@yahoo.com'

Cc: Subject: tonyf@fcc-eng.com 13575 Nichols Dr

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Jeff Williams
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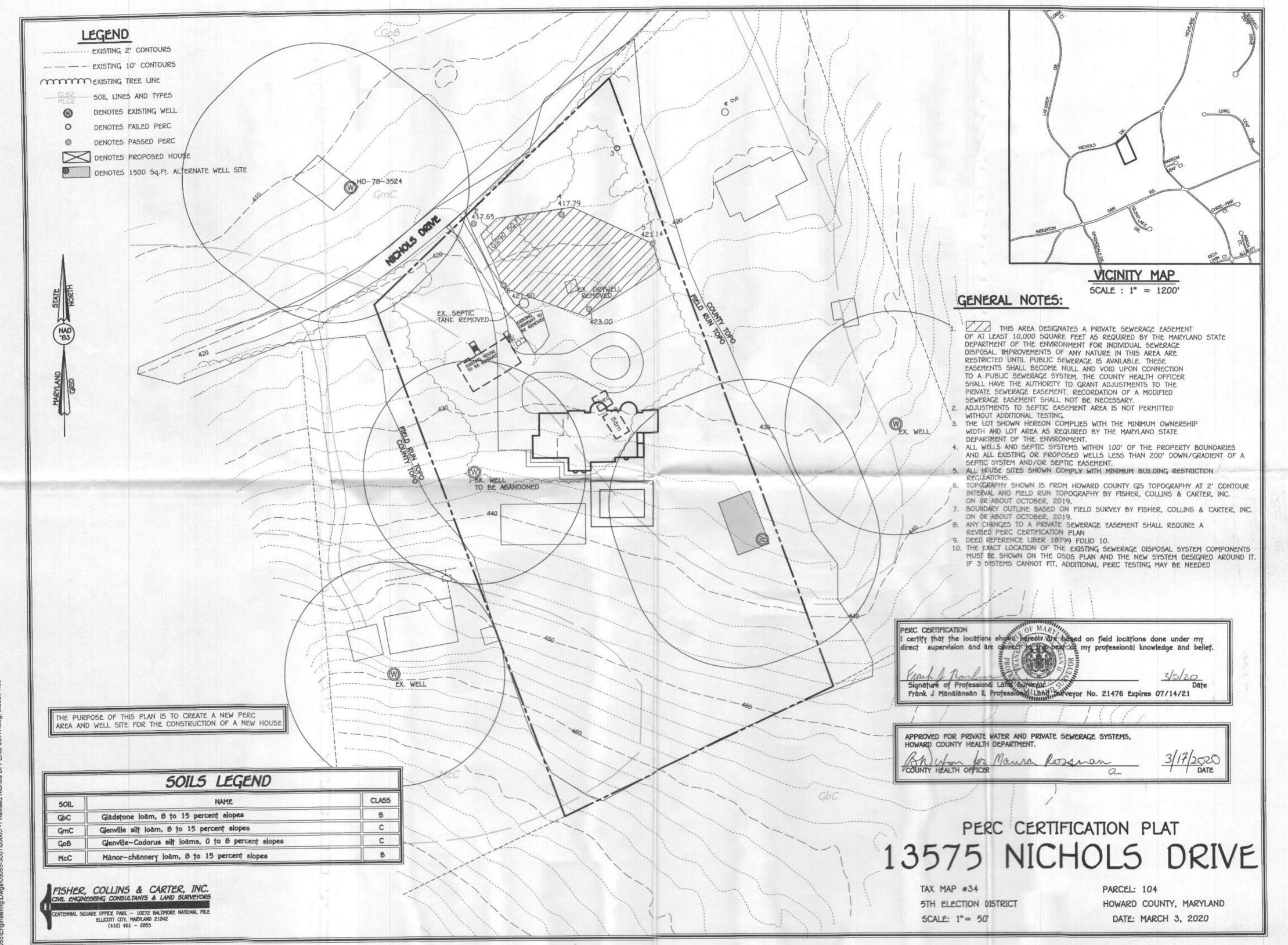
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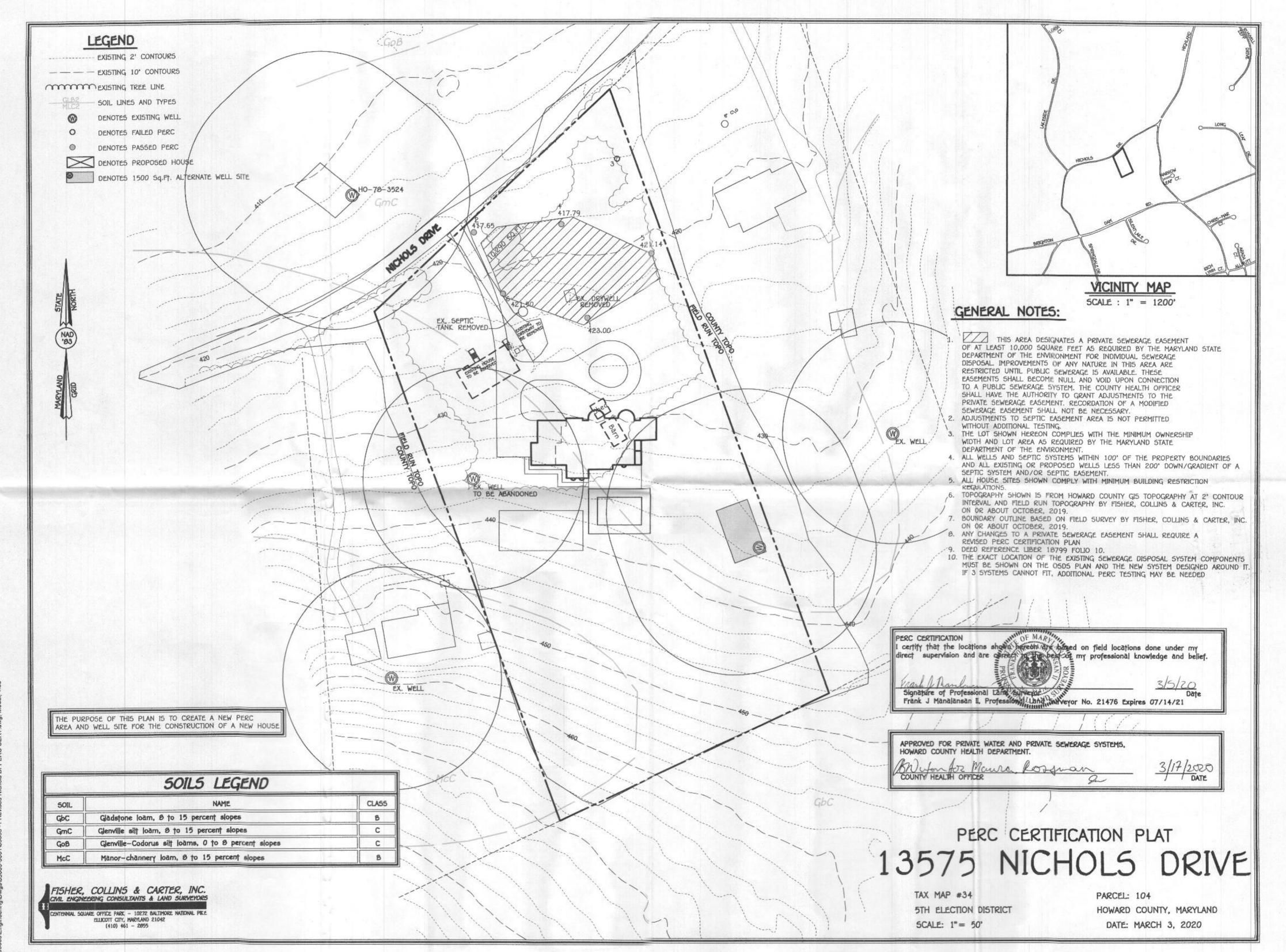
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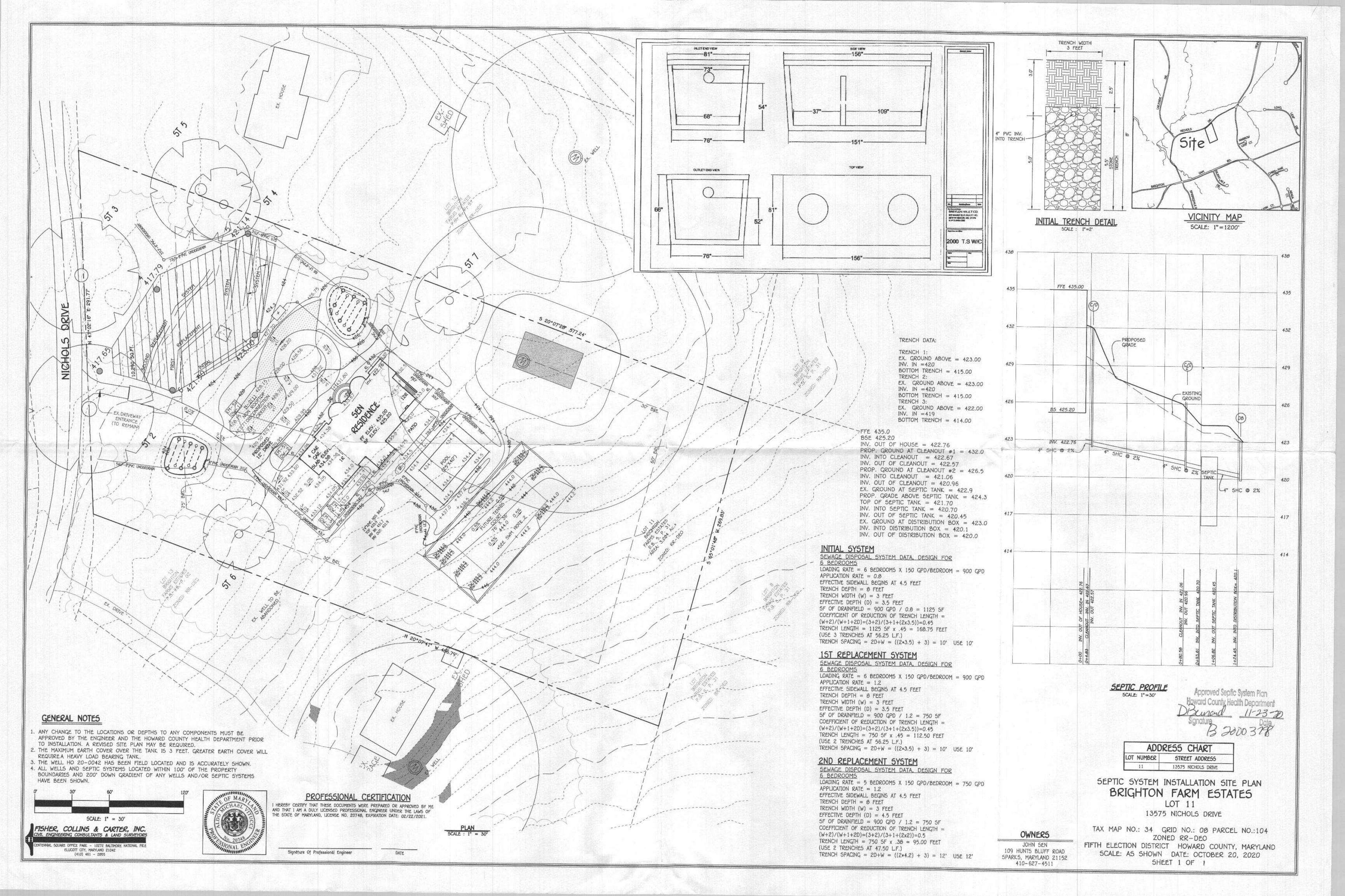
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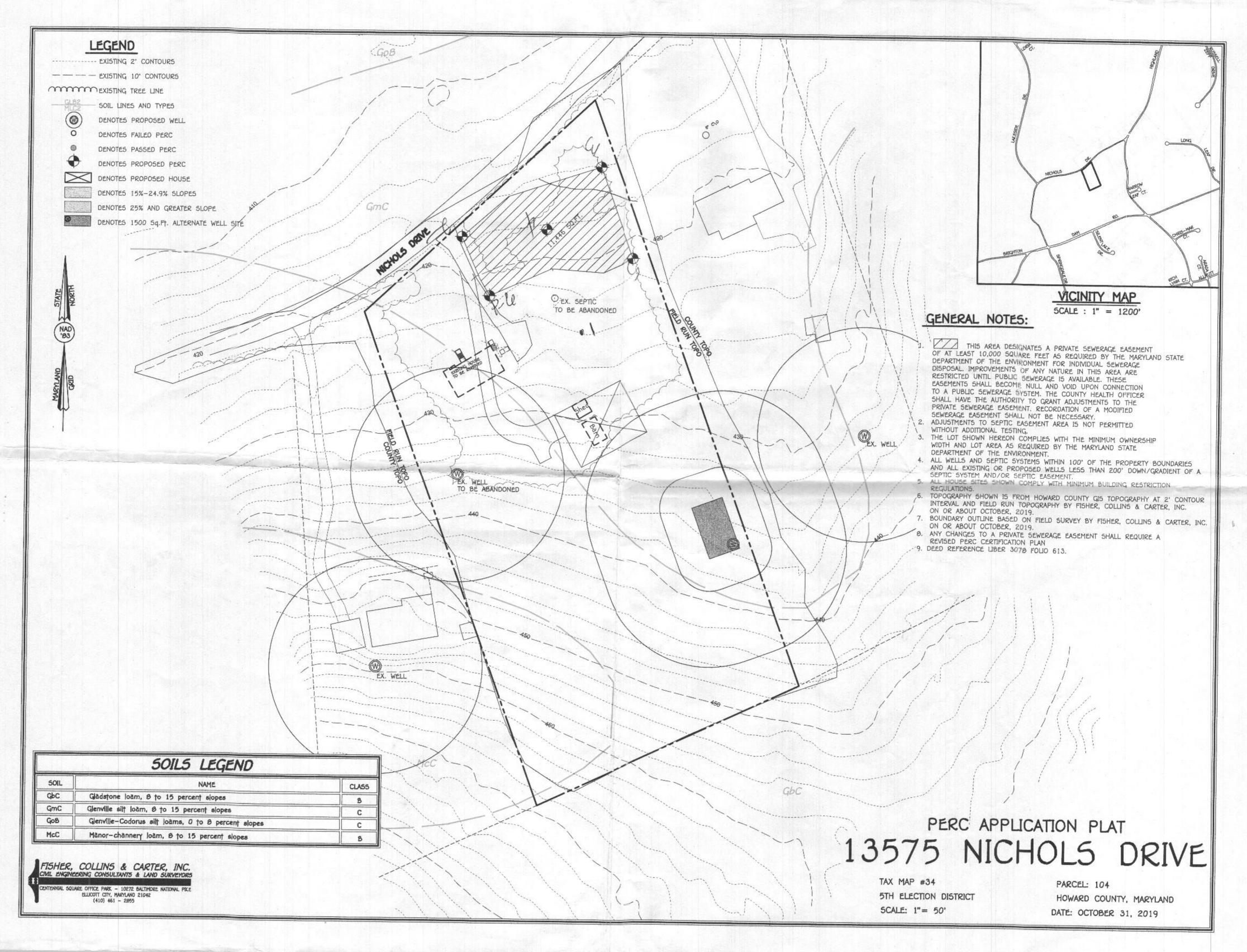


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