



ANNE ARUNDEL COUNTY

MARYLAND DEPARTMENT OF HEALTH

Bureau of Environmental Health
3 Harry S. Truman Parkway
Annapolis, MD 21401
Phone 410-222-7193 Fax 410-222-7479
Maryland Relay (TTY): 711
www.aahealth.org

Nilesh Kalyanaraman, M.D.,F.A.C.P.
Health Officer

April 13, 2021

MARK EVANS
1410 FOREST DR., STE 35
ANNAPOLIS, MD 21403

RE: Perc #T02048264
Tax Account #300001214820
Site: 5 GENE AVE
PASADENA

This letter does not constitute Health Department or Building Permit approval for the referenced site. The Anne Arundel County Department of Health has completed an evaluation of the above referenced property. Percolation test(s) were conducted on April 8, 2021. Minimum design requirements are based on a proposed house size larger than 3500 square feet and the test results. The minimum design requirement for the initial septic system and replacement systems are as follows:

Septic Tank BAT

Initial Drain Field:

Test # 2
Total Length 77 feet
Number of Trenches 1
Length of Trench 77 feet
Width of Trench 3 feet
Depth of Trench 10 feet
Pipe in trench no deeper than 2 feet
Trenches Separated by 18 feet from nearest edge to edge

Replacement systems:

Test # 3
Total Length 95 feet
Number of Trenches 1
Length of Trench 95 feet
Width of Trench 3 feet
Depth of Trench 10 feet
Pipe in trench no deeper than 2 feet
Trenches Separated by 15 feet from nearest edge to edge

Other: SEE PERC DATA FORM FOR REQUIREMENTS FOR PERC TESTS #1 & #4. SHOW 1' TOPOGRAPHY CONTOURS. SHOW ALL WELLS WITHIN 100' OF THE PROPERTY. 1000 GALLON PUMP PIT MAY BE REQUIRED.

A nitrogen reducing pretreatment unit will be required with the design of the sewage disposal system. The reason for this requirement is this property is located in the Chesapeake Bay watershed as required by COMAR 26.04.02.07.

The minimum design requirements listed above are for the purpose of preparing site plans for the referenced property.

Before approval of a septic system for this property is considered, eight (8) copies of a site plan should include; all items on the enclosed site plan requirements sheet, a nitrogen reducing pretreatment unit, if required and the layout of the proposed initial septic system and 2 replacement(s) must be prepared by the owner/applicant and submitted to this office for review.

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The referenced perc application will expire two (2) years after the date the perc application is received by this department.

If you have any questions regarding the above please call Sanitary Engineering at (410) 222-7016.

Sincerely,



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Eric Olmscheid  
Sanitary Engineering  
Bureau of Environmental Health

cc: Owner



# DEPARTMENT OF HEALTH PERC DATA FORM

BRF# \_\_\_\_\_

PERC APPLICATION NO: T02048264

PRIOR PERC(S):  YES  NO

SOIL TYPE: PcB SEWER SERVICE CATEGORY: dfs - Future Service

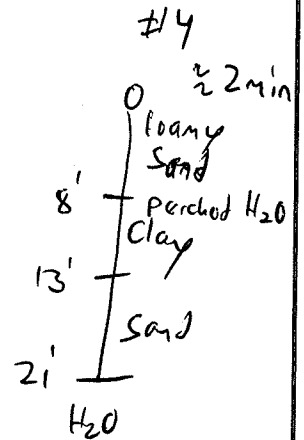
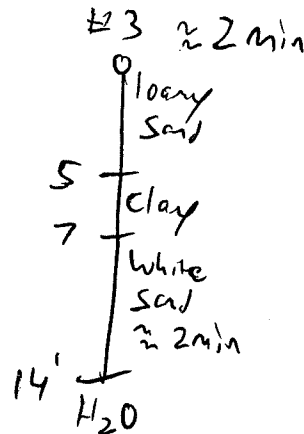
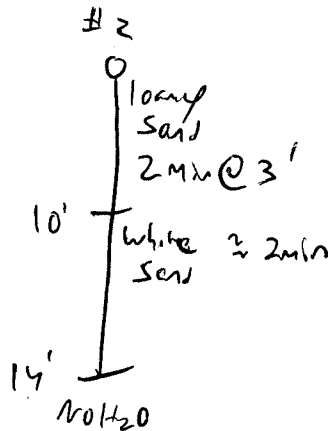
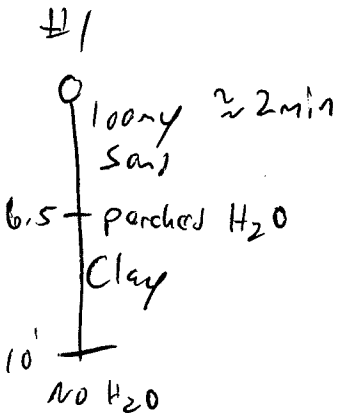
WET SEASON RESTRICTED?  YES  NO CRITICAL AREA?  YES  NO BOG AREA  YES  NO  
 TESTED IN WET SEASON:  YES  NO 100' FROM WATER WAY:  NO  YES

EXISTING HOUSE SIZE \_\_\_\_\_ # OF BEDROOMS: \_\_\_\_\_ # OF BATHROOMS \_\_\_\_\_  
 PROPOSED HOUSE SIZE +3500 # OF BEDROOMS: \_\_\_\_\_ # OF BATHROOMS \_\_\_\_\_

DATE TESTED/INSPECTED: 9/18/2021 SANITARIAN E. Ohscheid

PERSONS PRESENT DURING TEST Dave Care, Mark Evans

### SOIL TEST/SITE EVALUATION



1  
25 } 1.5' @ 2min  
 9(34)(.71) = 217'  
 3-73' trenches  
 3'w 2.5'd  
 pipe @ 1'  
 10' separation

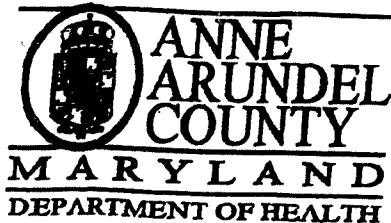
2  
10 } 8' @ 2min  
 9(34)(.25) = 77'  
 1-77' trench  
 3'w 10'd  
 pipe @ 2'  
 18' separation

2  
5 } 3 } 6' @ 2min  
 5 } 3 }  
 10 }  
 9(34)(.31) = 95'  
 1-95' trench  
 3'w 10'd  
 pipe @ 2'  
 15' separation

1  
4 } 3' @ 2min  
 9(34)(.5) = 153'  
 3-51' trenches  
 3'w 4'd  
 pipe @ 1'  
 10' separation

WATER CONDITIONER?  YES  NO LOCATION OF BACKWASH DISCHARGE \_\_\_\_\_  
 HOUSE OCCUPIED?  YES  NO NUMBER OF OCCUPANTS \_\_\_\_\_  
 FAILING SYSTEM?  YES  NO  OVERFLOW  BACK-UP IN HOUSE  COLLAPSED TANK  
 OTHER COMMENTS:

BRF FUNDING PRIORITY (1-6): \_\_\_\_\_  
 BRF FINANCIAL QUALIFICATION: \_\_\_\_\_ % NUMBER OF OWNERS: \_\_\_\_\_ TAX YEAR: \_\_\_\_\_  
 BRF VENDOR CONTRACT RECEIVED: DATE: \_\_\_\_\_ UNIT TYPE: \_\_\_\_\_ INITIALS: \_\_\_\_\_



DEPARTMENT OF HEALTH  
Sanitary Engineering Program  
On-Site Sewage Disposal System (OSDS)

SITE PLAN CHECKLIST

For a new single family dwelling or a building addition, your site plan must be to scale and shall contain all information required by the Department of Health. Eight site plans must be submitted that contain the following information:

1.  Percolation test application number.
2.  Scale used. Engineer's scale only (1 inch = 10, 20, 30, feet, etc., No larger than 1 inch = 60 feet).
3.  If necessary, a vicinity map no smaller than 4" x 4" at a scale of 1" = 2000'.
4.  A title block which identifies owner, house number, street, subdivision name, lot number, block, section number or total acreage, tax map, block, and parcel.
5.  The location, name and width of any abutting streets or right of ways.
6.  Indicate North with arrow.
7.  A legend, as needed.
8.  Show the proposed on-site septic system as described in the attached site plan letter. If a site plan letter is not available, contact the Department of Health, Bureau of Environmental Health.
9.  Show and label all structures, existing and proposed.
10.  Indicate all the dimensions of the property lines, house, accessory structures and house setbacks (front, sides and rear) Existing structures must be shaded or hatched. \*Note - No site plan can be approved unless all house setbacks are clearly indicated.
11.  If waterfront property, show name of waterway, location of mean high water line, 100' setback from the waterline.
12.  If applicable, show the critical area boundary on the lot.
13.  The location of all percolation test(s), both passing and failing.
14.  The location of all existing water wells and septic systems within one hundred (100) feet of the property line. The well tag number must be supplied with addresses or lot numbers for all adjacent property.
15.  The existing and final topography at one or two foot intervals designating 25% or greater slopes (five foot contours may be used for slopes over 25%) of the area surrounding the house, septic system and its replacement(s), water well, and any abrupt changes of grade such as retaining walls, terraces, etc. Contour lines or arrows must show how, after grading, surface water will flow to or from the street, on or off the property, and away from the septic area and well.
16.  The location of a 100-year floodplain, including FEMA floodplain.
17.  The elevation of the basement and ground-floor level of the house and the location and elevation of the waste line from the house, septic tank and septic system.
18.  The location of the platted 10,000 square foot sewage disposal area.
19.  Location of any easement(s) and right-of-way(s) affecting the property.
20.  Location of any water well(s) and water line(s) existing or proposed on the property. If property is served by public water, show the proposed connection between the public water line and the house.
21.  Location of the existing and proposed on-site storm water management structures and storm drains.
22.  Location of walks, driveways, parking areas, steps, decks, terraces, porches, retaining walls, overhangs, and projections (existing and proposed).

For large sites two scales may be used. The scale of 1 inch = 100 or 200 feet may be used to show the location of the house on the property and all neighboring wells or septic system within 100 feet of the property lines. The scale of 1 inch = 10, 20, 30 feet, etc. could show the area around the house which should include the proposed well and septic area.

All site plans will be field verified. Incomplete or inaccurate site plans will be returned to the applicant, which may delay approval of the Perc Application or Building Permit.

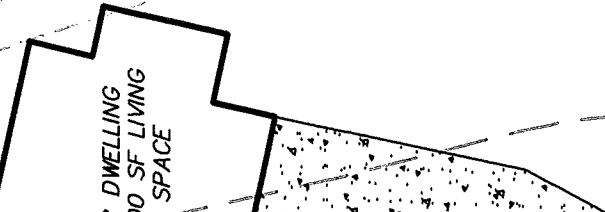
If the site plan is acceptable, the percolation application is approved and the applicant may apply for a building permit. An approved percolation application is valid for two years from approval date.

If a building permit is not obtained within two years of the approval date, the percolation application will expire and a new percolation application and site plans must be submitted. Additional perc tests may be required at the discretion of the Department of Health for the issuance of the new Perc Application.



330.0'  
S67°38'20"E

SIDE



DWELLING  
10 SF LIVING  
SPACE

LOT 1

38

34



35' REAR



30

195.05'  
S67°38'20"E

35' REAR

15' SIDE

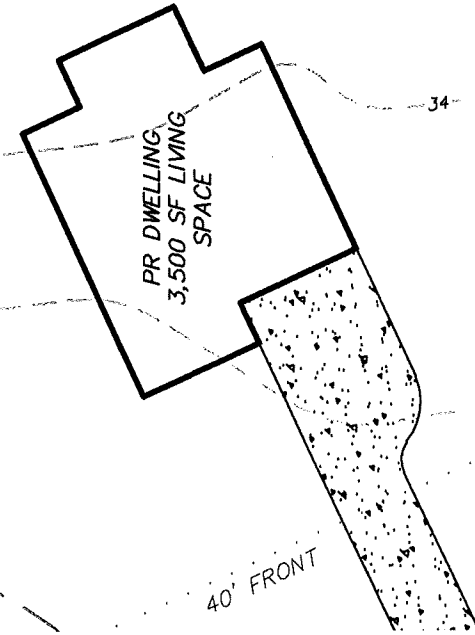
219.76'  
S67°38'20"E

\* Poles on site  
#1-#3 Staked

LOT 2  
525' S  
MFT



38



PR DWELLING  
3,500 SF LIVING  
SPACE

40' FRONT



15' SIDE

215.98'  
S67°38'20"W

36

34

32

