



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

(AP) 528481

AGENCY REVIEW: _____

DATE 2/5/08

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- ☒ CONSTRUCT NEW SEPTIC SYSTEM(S)
- ☐ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- ☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S)
- ☐ ADDITION TO AN EXISTING STRUCTURE
- ☐ REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- ☐ CREATE NEW LOT(S)
- ☒ BUILD ON AN EXISTING LOT IN A SUBDIVISION
- ☐ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES
- ☒ NO

THE TYPE OF STRUCTURE IS:

- ☒ RESIDENTIAL WITH 4025 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- ☐ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- ☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) HARRY & CAROLINE STRATS

DAYTIME PHONE 301-854-2162 CELL _____ FAX _____

MAILING ADDRESS 13828 WAYSIDE DRIVE CLARKSVILLE, MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT HARRY & CAROLINE STRATS

DAYTIME PHONE 301-854-2162 CELL Work # 301-227-6882 FAX _____

MAILING ADDRESS 13828 WAYSIDE DRIVE CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME HAVILAND HILLS LOT NO. 7

PROPERTY ADDRESS WAYSIDE DRIVE 13822
STREET TOWN/POST OFFICE

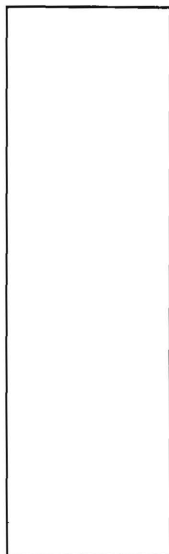
TAX MAP PAGE(S) 34 GRID 13 PARCEL(S) 220 PROPOSED LOT SIZE 63,581

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature] 2/1/08
SIGNATURE OF APPLICANT

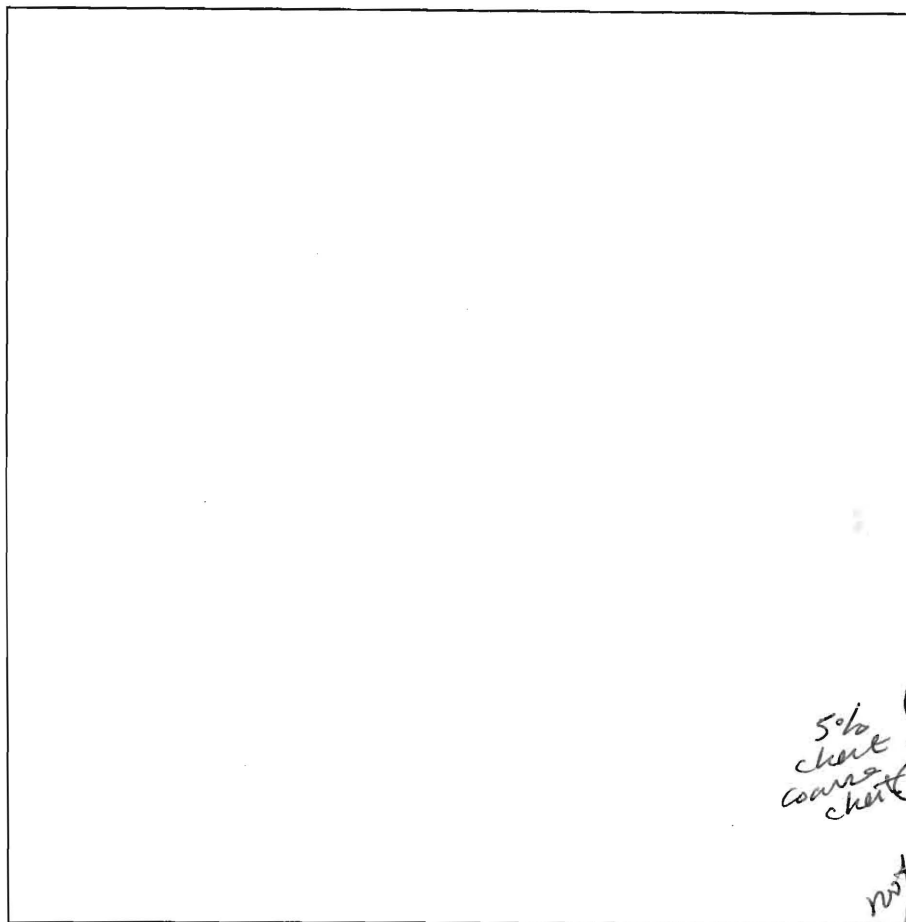
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



140

brown l
sbl rootsbrown
dense sil
sblred brown
sil sblheavy sil
cementedred brown
sil &
micasious

tag rock



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/3/08	140	8'12.5	11:21	11:31	11:57	26	P
	139	7'12.5 13'	11:52	11:55	11:59	4	P
	Middle 206	5'13'	12:08	12:09	12:11	2	P
	134	14'			visual		P

REMARKS #140 EAC 7 1/2, #139 EAC 6 1/2, #134 + Middle EA @ 3' 8"

SANITARIAN SS BACKHOE K+K OTHERS owner / builder

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

139

dark brown
l sbl9" brown
sil
micasious
sbl4' 8" brown
heavy dense
sil26 1/2" pale red
sil sg
saprolite13' 15-20% chert
coarse chert

Middle 206

brown l
sblred
sil sbl
micasiousred
heavy sil &
micasious
10-15%
chertpale red, brown yellow
sil &
micasious
saprolite
15-25%
chert
coarse chert

134

brown l
sblbrown
sil sbl
micasious3' pale red,
brown yellow
sil &
micasious
saprolite
10% chert

14'

5%
chert
coarse
chert

not

3' 4"

1'

13'

1'

1'

3'

14'

RECEIVED

FEB 08 2008

Waypoint Dr. ^{middle drainage area}

APF

137

brown & sbk

28" red brown
silt sbk
micaceous3 1/2' red brown
heavy sil4' pale red
w/ brown yellow
sil ss
micaceous
saponite

20% chert

12'

131

silt

6' story, coarse
chert6 1/2' brown
silt~8' brown
silt 15%
coarse chert
micaceous

12'

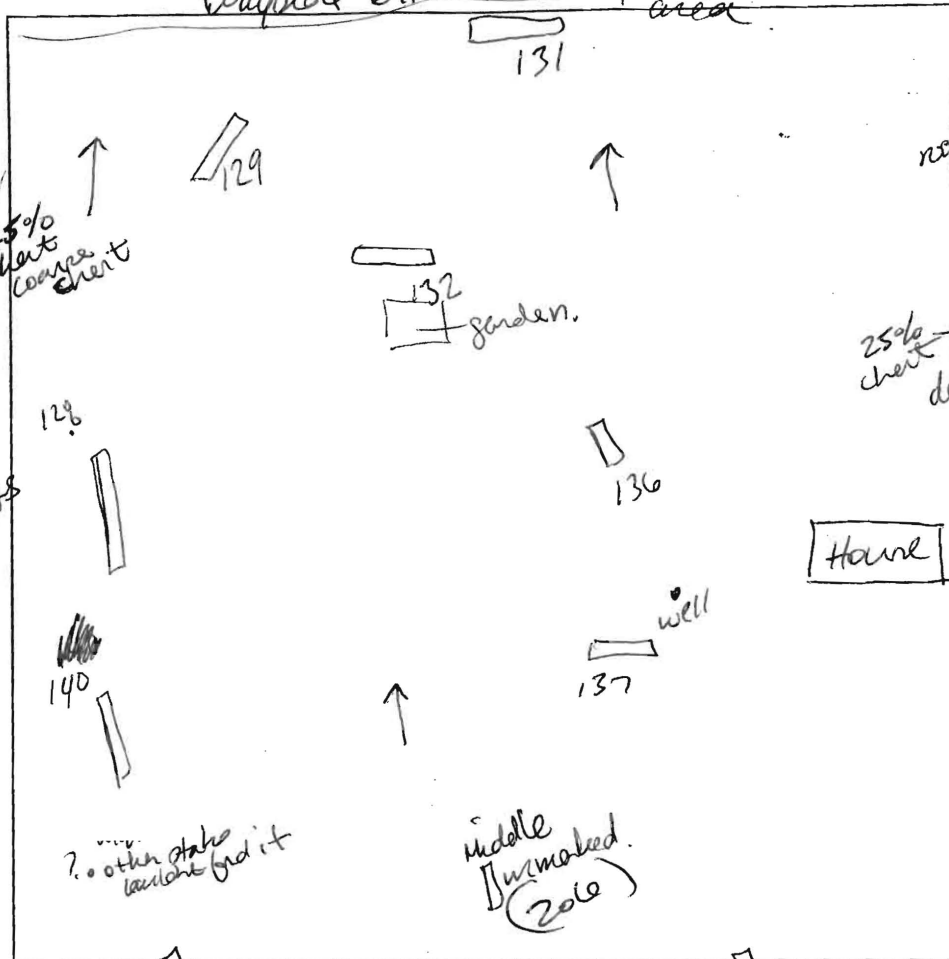
129

brown &
surface7" red brown
heavy sil ss
micaceous
25% coarse chert

11 1/4" fine

3' brown
silt
micaceous4 1/2' 45-50%
stone
w/ coarse chert

7 1/4" refusal

132
dark brown &
surface15%
red
heavy sil
micaceousbrown
finebrown
silt sbkred brown
silt micaceous
ss chert
saponite

128

brown &

brown
silt sbk5' rock story
30% coarse
chert8' red
heavy sil
micaceous
saponite9' 10" pale red
silt micaceous
saponite

136

brown
silt sbk
fine?2' 6" red brown
silt3' heavy sil
40% coarse chert
stone4' red brown
silt cemented.5 1/2' sil red brn
ss
saponite6' sil ss
saponite

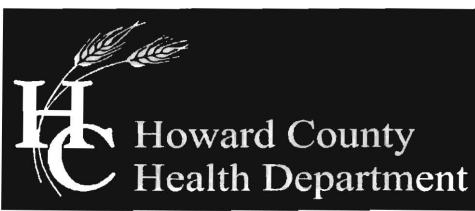
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/3/08	131	12'	Not tested too close to wall				
	129	7'9"					F
	132	8'5 1/4'	10:08	10:39	not to 2nd peg		F
	128	8'13'	10:23	11:05	Not to 2nd peg		F
	136	7'13'	10:47	10:49	10:53	4	P
	137	5'12'	11:10	11:13	11:17	4	P

REMARKS #136 invert @ 4', EA 6'-6 1/2' #137 EA @ 4' 13' 15% chert coarse chert

SANITARIAN SS BACKHOE K&K OTHERS Struts, blades

TEST HOLES USED IN SDA AVG. PERC TIME 8 SQ. FT/BR 0.8 AR

TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 4" SW Str



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

April 16, 2008

Harry and Caroline Strats
13828 Wayside Dr.
Clarksville, Maryland 21029

RE: Percolation Test Results – A528481
13828 Wayside Dr

Dear Mr. and Mrs. Strats,

Percolation testing conducted April 3, 2008 on the referenced property indicated satisfactory and unsatisfactory soil conditions. Copies of the test results are enclosed. Limiting factors included rock percentages approaching 50% at shallow depths along with dense soil textures.

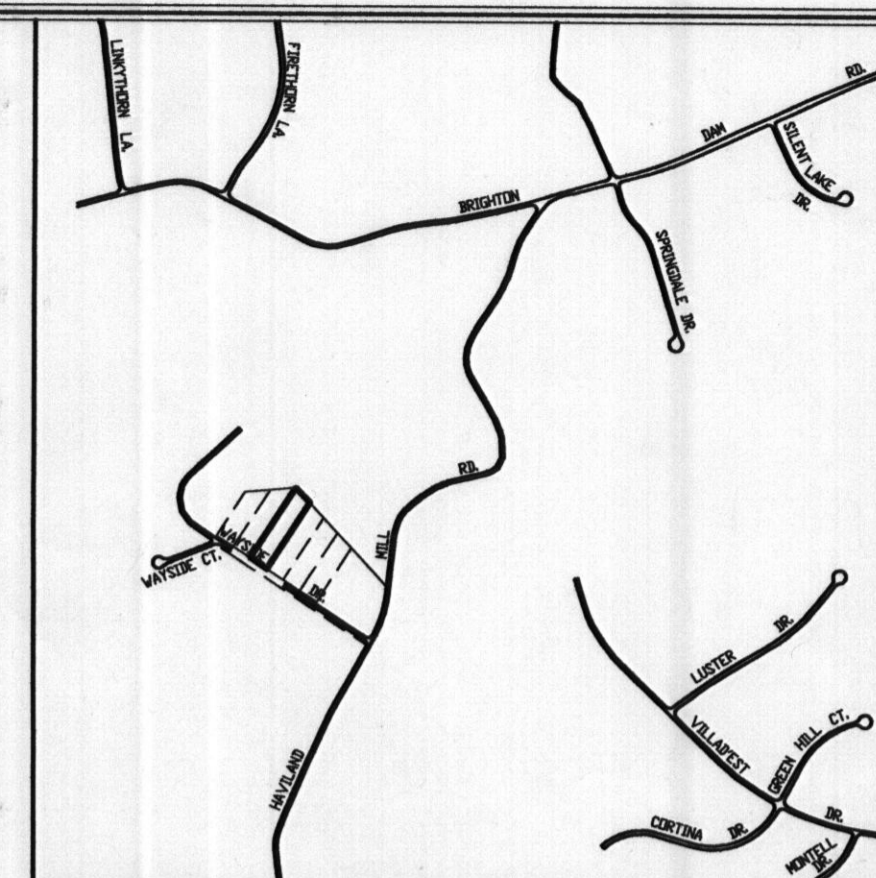
Further review of the property is contingent upon submission of a percolation certification plan required under Sec 3.805 of the Howard County Code. Enclosed are the requirements of a percolation certification plan along with common setback requirements. In addition, a note must be added to the percolation certification plan stating, "The existing well located on Lot 7, serving Lot 8, must be abandoned prior to building permit approval." A new well location for Lot 8 must be shown on the percolation certification plan and receive approval. A 25' setback is required around the abandoned well to the proposed septic easement.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

Sara Sappington, R.S.
Well and Septic Program
Development Coordination Section

 EXISTING 2' CONTOURS
 EXISTING 10' CONTOURS
 EXISTING TREE LINE
 SOIL LINES AND TYPES
 DENOTES PROPOSED WELL
 DENOTES FAILED PERC
 DENOTES PASSED PERC
 DENOTES PROPOSED HOUSE
 DENOTES 15%-24.9% SLOPES
 DENOTES 25% AND GREATER SLOPE
 DENOTES 1500 Sq.ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE : 1" = 1200'

1.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT.
7. TOPOGRAPHY SHOWN IS FIELD RUN FROM FISHER, COLLINS AND CARTER, INC. ON OCTOBER, 2007
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
10. PLAT REFERENCE PAGE 8 LIBER 98.
11. THE EXISTING WELL LOCATED ON LOT 7, SERVING LOT 8, MUST BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL
12. LOT 7 HAS A 5 BEDROOM MAXIMUM LIMITATION.

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

PERC CERTIFICATION PLAT
HAVILAND HILLS
LOT 7

TAX MAP •34
FIFTH ELECTION DISTRICT
SCALE: 1"=50'

PARCEL: 220
HOWARD COUNTY, MARYLAND
DATE: May 21, 2008

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor
Terrell A. Fisher, Professional Land Surveyor No. 10692

5/21/08
Date

OWNER

OWNER
HARRY STRATS
CAROLINE STRATS
13028 WAYSIDE DRIVE
CLARKSVILLE, MD 21029
PHONE: 301-854-2162

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
B. Nye for Peter B. Jensen, MD
COUNTY HEALTH OFFICER

6/5/2008
DATE