

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

520895 +
AP 520895

AGENCY REVIEW: _____

DATE 9/21/2004

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
- ☒ Use Existing System

CHECK ONE:

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

CHECK AS NEEDED:

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES
- ☒ NO

THE TYPE OF STRUCTURE IS:

- ☐ RESIDENTIAL WITH 3 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) Efrain Larenas

DAYTIME PHONE 301-483-9302 CELL 301-367-7616 FAX 301-953-0190

MAILING ADDRESS 7501 Flamewood Dr Clarksville MD 21029-1823
STREET CITY/TOWN STATE ZIP

APPLICANT Sam Corrice (LDE, Inc.)

DAYTIME PHONE 410-715-1070 CELL 443-928-4132 FAX 410-715-9540

MAILING ADDRESS 9250 Rumsey Rd Columbia MD 21045
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Larenas Property LOT NO. 1

PROPERTY ADDRESS 7529 Old Columbia Rd Laurel 20723
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 17 PARCEL(S) 270 PROPOSED LOT SIZE 1.03 AC

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.

Sam Corrice
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

④

DK brn
Loam
micac.

Brn micac.
L Sand
loose s.g.
Compact
in ground

Black
P.O.R.
stone frags
micac
hard saprolite
~ 20%

3'

4'

8'

10 1/2'

③

Str brn
hvy L
Pockets
in Loam

org brn
SL, Micac.
Sbk

Loam
sw
wall
stone
frags
30%

LS
w.c.s.g.

4' ±

5'

6'

11'

Bottom

②

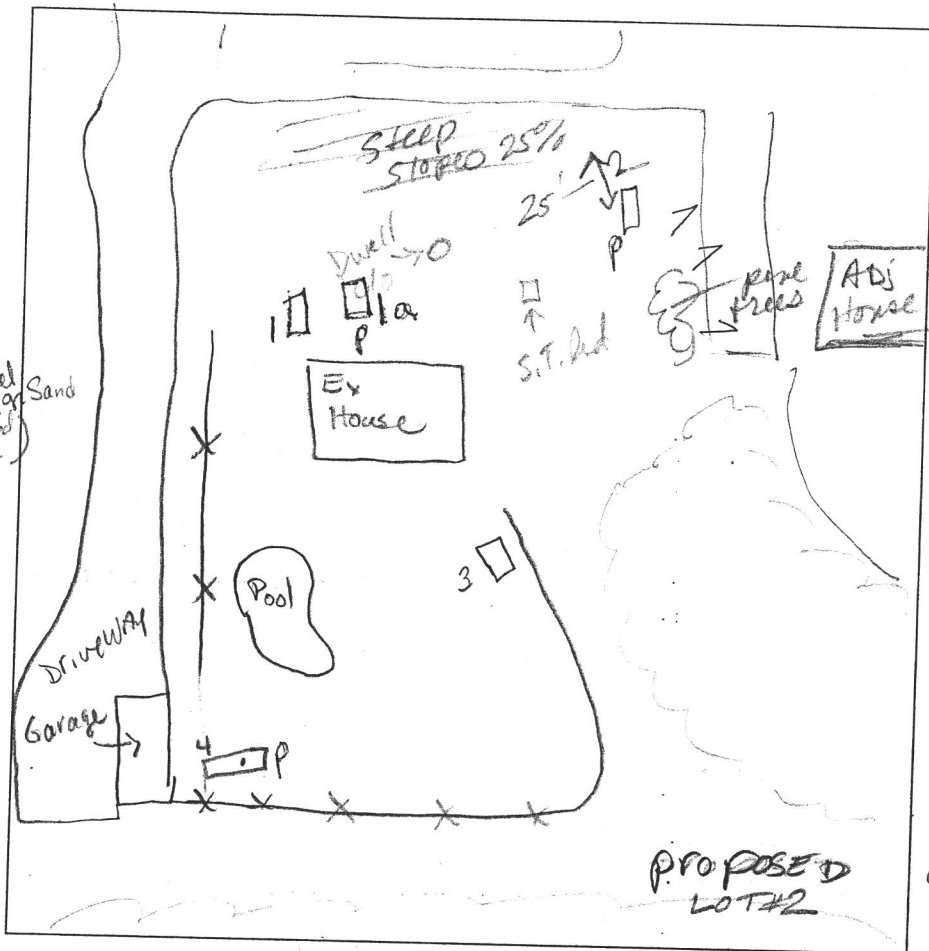
settled
fill?

Brn brn
org. w.c.s.g.
material

org brn
Brn black
white
LS
trace Rock -
10%

11'

12'



①

org brn
compact
S.g. Loam
pockets hvy L

wk org brn
micac
SL-L
w.c.
S.g.

5'

Bottom

1a

org brn
hvy L
&
Loam
compact

6' ±

WK org
brn
micac.
S.g.
LS
saprolite
~ 10%
Bottom

11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-11-05	4	4 1/2 M	10:45 ³⁰	10:48 ⁴⁹	10:53 ⁺	5 ⁺	P
	TESTED IN SAND						
	3	5 1/2 S	11:14 ⁰⁰	11:40 ⁰⁰	well go @ 6'		
	2	7 1/2	11:52 ³⁰	11:56	12:00	4 ⁺	P
	1	6 1/2	12:21	12:58	37 min 1st inch		
		8'	1:25 ⁰⁰	Too	slow		
	1a	8'	1:44 ⁰⁰	1:47	1:51	4	P

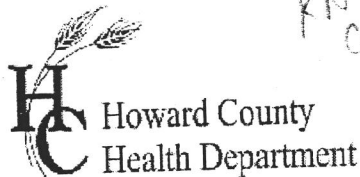
REMARKS Dry well effluent level 12' below grade, need to pump s.t. full to top

SANITARIAN Kacie BACKHOE _____ OTHERS SAM, Mr. Larenas

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

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

Ex
SEPTIC System To BE SERVICED



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AP 520896

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☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
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- ☐ YES
☒ NO

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STREET CITY/TOWN

MD 21045
STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Larenas Property LOT NO. 2

PROPERTY ADDRESS 7529 Old Columbia Rd Laurel
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 17 PARCEL(S) 270 PROPOSED LOT SIZE 0.95 AC

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.

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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AIP

(8)

org brn
Loam

4'

lt brn,
white
sand pockets
in LSwk, friable
saprolite
~15-20%

Bottom

11'

(5)

str brn
hvy L-CL

3'

str brn
Loam w/
hvy Loam
pockets

6'

brn lt brn
LS
micaceous

Bottom

11'

(6)

organic

1 1/2'

tan, grayish
colors from
4-6'

SCL

6'

brn,
lt brn
LSRock ~
5-10%

Bottom

11'

STATE
park
propertyLow lying
areaOLD
OBSERV.
Hole

20'

leaf litter
& branch
pile
previously
#9 dugseverely
of sulfate
beginning
parallel to
hole #9Generally
flatEx
B
this way
LOT 1(NOT
PER
PLAN)

2'

(10a)

organic
SBK Lorg SL
micac
w/ organic
root
channels

4 1/2'

moist LS
(medgr)
cobble &
gravel
25-30%
from 5-7'

OK

W (9) E

org. Loam

str brn

2pl
weak
SL

hvy L

SCL

hvy L

CL

lt brn

brn

LS

fine-med
gr

Bottom

11'

(10)

DK brn
Loam
micacBrn micac
SAND
compact
in grounds
digs out loose.LS
v. micac.

Bottom

11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2-11-05	(8)	6' M	2:09	2:11	2:13	2+	P
	(5)	6 1/2' S	2:38	2:40	2:43	3+	P
	(6)	7' S	3:10	3:16	3:24	8	M/P
10-12-04	(10a)	SEE SOIL profile OBSERVATION HOLE					P
10-12-04	(9)	SEE SOIL profile					P
	(10)	5' 2'	3:25	3:38	3:53	15	P
		Hole 7 NOT DUG?					

REMARKS Holes 9 & 10a dug on 10-12-04, Hole 10 NOT PER PLAN

SANITARIAN Kacie

BACKHOE

OTHERS SAM, Mr. Lorens

TEST HOLES USED IN SDA

AVG. PERC TIME 8-

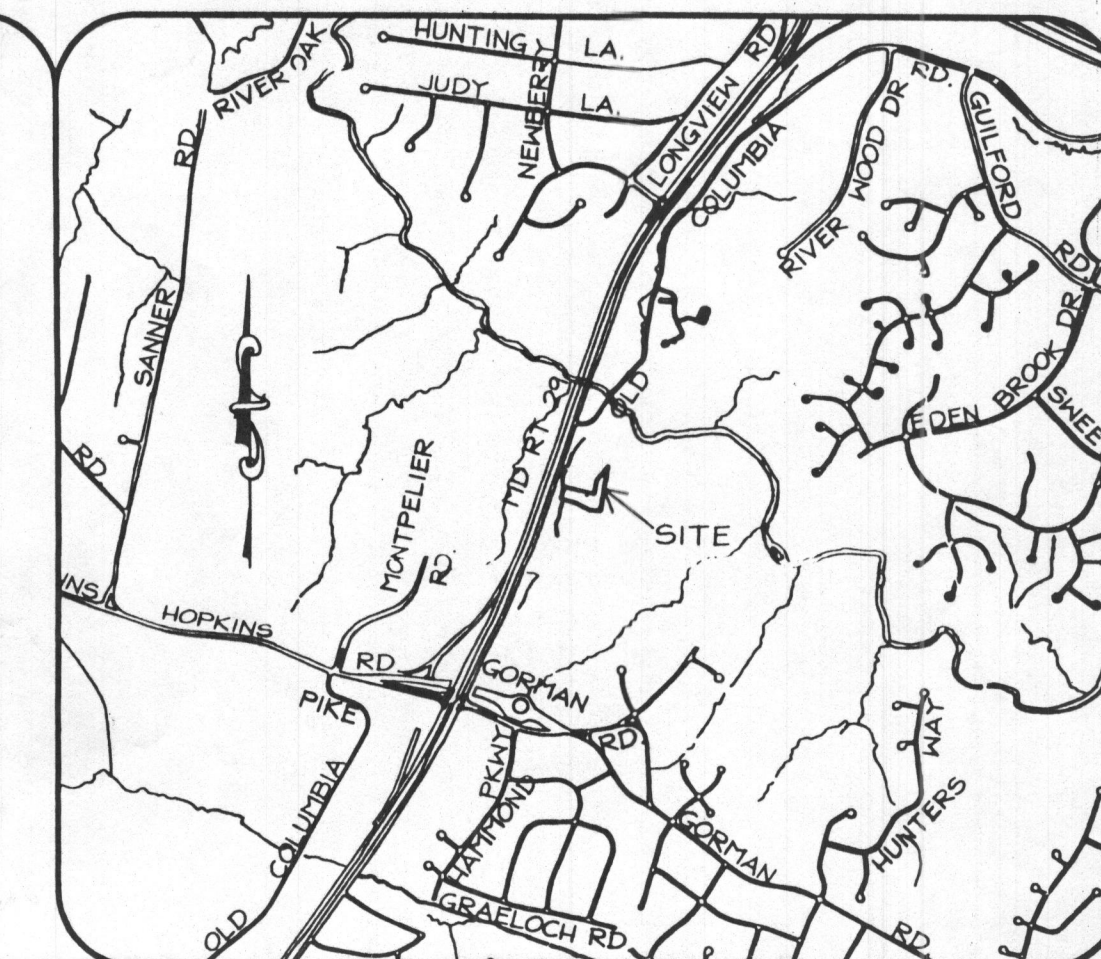
SQ. FT/BR

TRENCH WIDTH 3

INLET DEPTH 5

MAX. BOT DEPTH 7

EFFECTIVE SW 1'



Vicinity Map
Scale 1"=2000'

NOTES:

- The topography shown hereon is based on a field survey by LDE, Inc. and expanded by a Howard County digital photogrammetry map.
- The property lines shown hereon are based upon drawings of record and recorded deeds.
- Unless otherwise shown, no wells or septic systems are located within 100' of the property.
- The purpose of this plan is to provide area for three useable septic systems for a four (4) bedroom house for new lot 2 and assess and identify a 10,000 Sq. Ft. septic area for the existing home on Lot 1.
- Total Area of Property 2.0 Acres ±
- The lots shown hereon comply with the minimum lot area and the ownership width as required by the Maryland State Department of the Environment.
- Ex. Zoning: R-20
- Deed Reference: Liber 976 Folio 139
- Public water will be utilized for Lot 2.
- Existing dwelling on Lot 1 is connected to public water.
- Existing septic for Lot 1 must be repaired prior to final record plat.

LEGEND

- Existing 2' Contour-
Existing 10' Contour-
Existing Treeline-
Existing Driveway-
Soils Boundary-
Existing Stream-
Proposed Perculation Test Hole/Passed ●
Perculation Test Hole/Failed ○
Previous Test Locations (Observation) - 10/12/04
Existing Well- (W)
Ex. Well (Abandoned) - ●
Proposed Septic (10,000 Sq. Ft.) Recovery Area
25% or Greater Slopes-

SOILS LEGEND			
HYDROLOGIC SOIL GROUP	SOIL SYMBOL	DESCRIPTION	REMARKS
D	Ba	Baile Silt Loam	-
B	M1B2	Manor loam, 3% - 8% slopes, moderately eroded.	-
B	MgC2	Manor Gravelly loam, 8% - 15%, moderately eroded	-
B	M1D2	Manor loam, 15% - 25% slopes, Moderately eroded.	-
B	M1E	Manor loam, 25% - 45% slopes.	-

LDE Inc.

Engineers, Surveyors, Planners
9250 Ramsey Road, Suite 106 Columbia, Maryland - 21045
(410)715-1070 - (301)596-3424 - FAX (410)715-9540

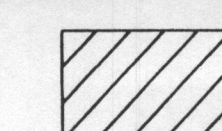
DESIGNED SWC	Percolation Certification Plan		SCALE 1"=50'
DRAWN MDL	Lots 1 & 2		DRAWING 1 OF 1
CHECKED SWC	Larena's Property		JOB NO. 04-026
DATE 7/2005	OWNER	Efrain R. Larena, Et Al 7501 Flornwood Dr Clarksville, MD 21029	FILE NO. 04-026

PERC CERTIFICATION

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

Donna Della
D. Wayne Kelley, Professional Land Surveyor
MD Reg. No. 10685

11/4/05
Date



This area designates a Private Sewage Easement of at least 10,000 square feet as required by the Maryland State

Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

* No Records Found By Howard County Health Department.

Approved: For Public Water and Private Sewerage
Howard County Health Department

Robert J. Walter
for Howard County Health Officer
11/7/05
DATE