



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 530212

AGENCY REVIEW: _____

DATE 10/24/08

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 5 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) Les + Julia Montgomery

DAYTIME PHONE 410-489-0519 CELL 949-375-5328 FAX _____

MAILING ADDRESS 3270 SHARP RD Glenwood MD 21738
STREET CITY/TOWN STATE ZIP

APPLICANT Serenity Home Improvements, Pat Dorman, President

DAYTIME PHONE 410-489-6220 CELL 410-707-1885 FAX 410-489-2892

MAILING ADDRESS 15528 Cattail Oaks Glenwood MD 21738
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Gwenlee Estates LOT NO. 13

PROPERTY ADDRESS 3270 SHARP RD Glenwood MD 21738
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 14 GRID 24 PARCEL(S) 209 PROPOSED LOT SIZE 40,000 sq ft

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. Pat Dorman
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

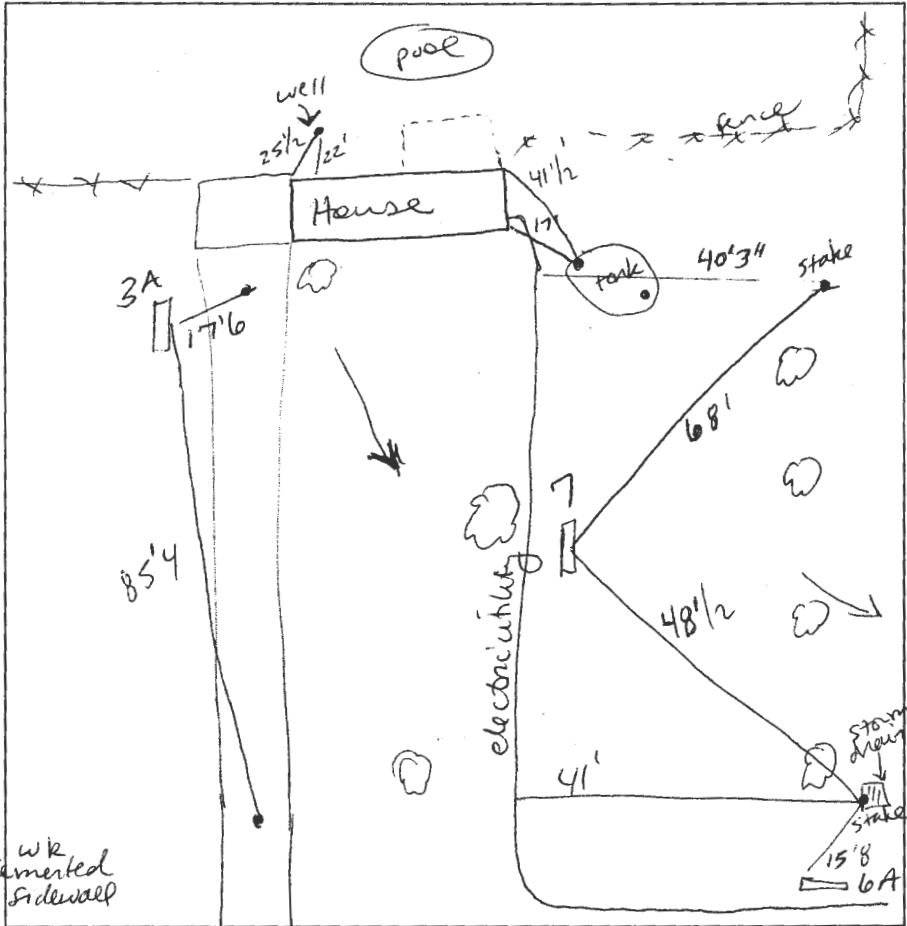
REMARKS: _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

A/P _____



18"
fill
dk brn l
sbk
~2'
brn yellow
fine scl
micaceous
50% coarse
chert
mod.
cemented
6'
wk red
very fine
scl
micaceous
saponite
10% coarse
chert
13'

7
8"
dk brn l
sbk
2'
brn red fill?
scl
fine?
brn yellow
fine scl
sbk
5% chert
coarse chert
mod cemented
5' 2"
red brn
med scl
micaceous
saponite
10% chert
mod
cemented
7' 2"
wk red
fine scl
micaceous
13'

6A
dk brn l
sbk
brn yellow
fine scl sbk
micaceous
5% chert
3' 9"
wk red w/
very fine scl
sg
brn yellow
yellow brn
5' 5"
brn / brn yellow
fine scl sg
micaceous
10% chert / coarse
chert
10' 9"
yellow red
med scl sg
micaceous
saponite
13'

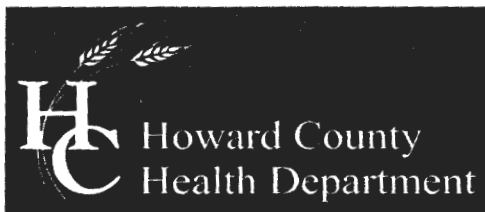
Sharp Rd.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/5/08	6A	5' / 13'	11:55	11:58	12:03	S	P
	3A	7' / 13'	1:04	1:14	1:35	ZI	P
	7	7' / 13'	12:40	12:54	1:12	18	P

Ex. Strip well is a modern well
but casing is 8" ~~to~~ above grade

REMARKS #6 EA @ 4' #3A + #7 EA @ 7' engineers staked off rd SDA / puc corners
 SANITARIAN SS BACKHOE McMaster Excavating OTHERS P. Dorian / Mr. Montgomery
 TEST HOLES USED IN SDA "New Dimensions" AVG. PERC TIME 14.6 SQ FT / HR 0.8
 TRENCH WIDTH 2 INLET DEPTH 3' 24" MAX. BOT DEPTH 8' EFFECTIVE SW 1'

• = original test area / SDA corners.
 ▨ Storm drain is a shallow pit w/ an outlet heading towards Sharp Rd.



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

November 13, 2008

Les and Julia Montgomery
3270 Sharp Rd
Glenwood, Maryland 21738

RE: Perc Test Application A#530212
3270 Sharp Rd

Dear Mr. and Mrs. Montgomery,

Percolation testing conducted November 5, 2008 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. Based on the soil profiles and percolation test rates, the sewage disposal area is large enough to support up to a five bedroom home.

Further review of the property is contingent upon review of a Percolation Certification Plan. This plan is currently in our office and will be submitted for signature within the week.

Prior to approval of the building permit application, the existing septic system must be abandoned and upgraded to accommodate the additional bedroom being added. The existing septic tank must be upgraded to a 1500 gallon septic tank due to an increase in the home's square footage. The existing well casing must be raised to be a minimum of eight inches above grade.

Once the Percolation Certification Plan has been approved, the septic permit will be released. Any future septic system repairs will require a pump system. 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

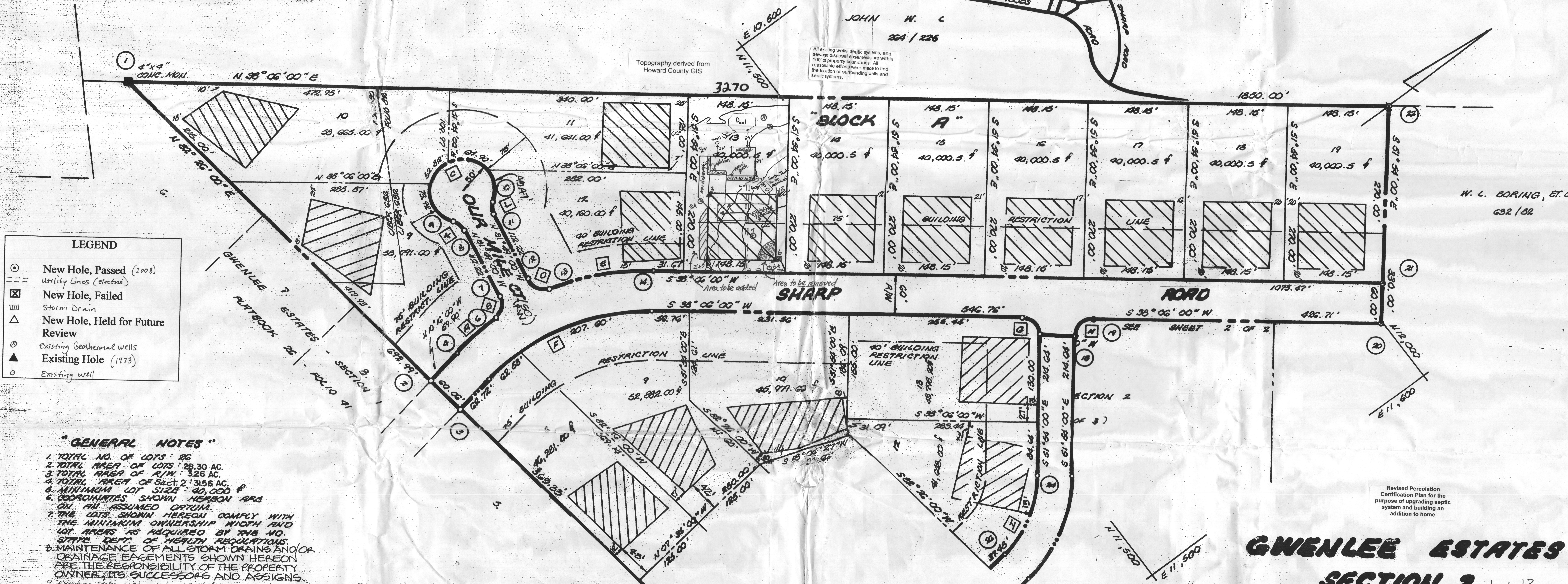
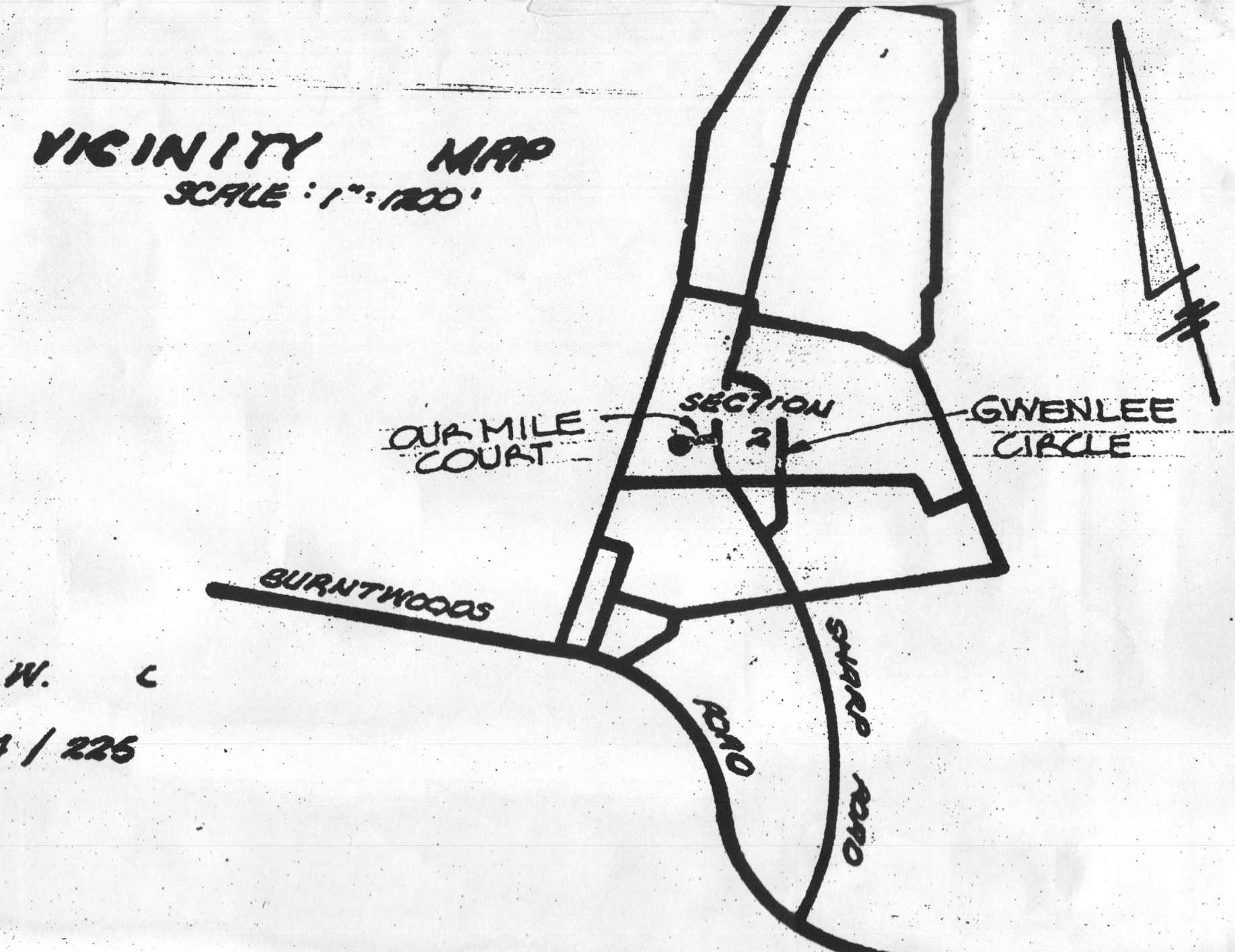
Cc. Pat Dornan, Serenity Home Improvements

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
8/18/08	<p>Spoke to Pat (Serenity Homes) about an address involving an increase in bedrooms. He was told septic tank ^{size} needed to be increased, he would need a perc test, and perc cert plan. Trenches may / or may not be need an increase depending on results of perc test. In regards to hooking up an RV to a permanent pipe leading to septic tank and disposing</p>
<p>Maybe a zoning issue</p>	<p>of waste in septic system, not allowed due to COMAR Sec .02, E. RVs have chemicals in tank and cannot be disposed of in system. Owner says his chemical is "septic safe" and is the state of CA disposal of waste in septic system.</p>
(Pat)	<p>He was told ^{persisted, he} owner could submit a ^{variance} letter and detailed info of chemicals + manufacturer info to Health Dept for review. No guarantee it would be approved.</p>
	<p>SS</p>

NO.	NORTH	EAST	NO.	NORTH	EAST
1	10,708.05	10,003.91	18	11,620.20	11,145.57
2	10,882.22	10,630.62	19	11,625.20	11,141.32
3	10,890.13	10,630.37	20	12,001.09	11,404.62
4	10,871.16	10,620.15	21	12,038.11	11,357.34
5	10,901.85	10,679.19	22	12,224.71	11,143.93
6	10,922.17	10,679.15	23	11,877.77	11,307.92
7	10,991.39	10,679.15	24	11,468.91	11,288.63
8	11,009.31	10,691.71	25	11,877.77	11,314.45
9	11,001.71	10,662.03	26	11,848.34	11,309.12
10	11,067.70	10,671.57	27	11,825.82	11,328.03
11	11,086.80	10,688.82	28	11,599.18	11,068.73
12	11,040.89	10,689.83	29	10,934.82	11,428.04
13	11,059.04	10,741.86	30	10,941.86	11,458.09
14	11,193.82	10,676.03	31	10,582.92	11,520.09
15	11,152.34	10,668.25	32	10,668.25	11,520.17
16	11,886.00	11,079.62	33	10,000.99	11,795.82
17	11,890.85	11,114.72			

NO.	RADIUS	Δ	TAN.	ARC	CH. DIST.	CH. BEARING
A	380.00'	11-21-50"	37.79'	75.33'	75.21'	N04°34'23"W
B	25.00'	82-54-05"	22.08'	38.17'	33.10'	N40°22'07"W
C	50.00'	87-22-48"	44.72'	24.19'	68.87'	
D	25.00'	82-54-05"	22.08'	36.17'	33.10'	S56°44'00"W
E	380.00'	22-49-05"	76.68'	151.34'	150.34'	S26°41'26"W
F	320.00'	48-22-00"	143.70'	270.13'	262.18'	N13°55'01"E
G	25.00'	90-00-00"	25.00'	39.27'	35.35'	N83°05'46"E
H	25.00'	90-00-00"	25.00'	39.27'	35.35'	N06°54'14"W
I	175.00'	44-20-00"	71.30'	135.41'	132.06'	S29°43'53"E
J	25.00'	44-20-00"	9.67'	174.10'	169.79'	S29°43'47"E
K	25.00'	48-11-23"	11.18'	21.03'	20.41'	S74°05'22"W
L	25.00'	48-11-23"	11.18'	21.03'	20.41'	S57°43'17"E
M	25.00'	90-00-00"	25.00'	39.27'	35.35'	S82°34'22"E



- LEGEND**
- ⊙ New Hole, Passed (2008)
 - ⊖ Utility Lines (Electric)
 - ⊗ New Hole, Failed
 - ⊠ Storm Drain
 - △ New Hole, Held for Future Review
 - ⊕ Existing Geothermal wells
 - ▲ Existing Hole (1975)
 - Existing Well

"GENERAL NOTES"

1. TOTAL NO. OF LOTS: 26
2. TOTAL AREA OF LOTS: 28.30 AC.
3. TOTAL AREA OF R/W: 326 AC.
4. TOTAL AREA OF SECT. 2: 3196 AC.
5. MINIMUM LOT SIZE: 50,000 SF
6. COORDINATES SHOWN HEREON ARE ON AN ASSUMED DATUM.
7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH REGULATIONS.
8. MAINTENANCE OF ALL STORM DRAINAGE AND/OR DRAINAGE EASEMENTS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNER, ITS SUCCESSORS AND ASSIGNS.
9. Existing septic system to be upgraded prior to building permit approval. Future septic repairs
10. Existing well to be upgraded prior to building permit approval. will require a pump tank
11. Sewage disposal area can support up to a 5 bedroom home.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROX. 10,000 SF AS REQUIRED BY THE MD. STATE HEALTH DEPT. FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

Any changes to a private sewage easement shall require a revised Percolation Certification Plan

GWENLEE ESTATES

SECTION 2, Lot 13
 Percolation Certification Plan
 3 AD & 4TH ELECTION DISTRICT AUGUST 1, 1975
 HOWARD COUNTY, MARYLAND SCALE: 1"=50'

RECORDED IN PLAT BOOK **3323**
 ON **10/6/1975** AMONG THE LAND RECORDS OF
 HOWARD COUNTY, MD.

SHEET 1 OF 2

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John A. Bricker 11/20/2008
 COUNTY HEALTH OFFICER DATE

APPROVED: DEPT. OF ZONING.
[Signature] 11/19/2008
 DATE

APPROVED: STORM DRAINAGE SYSTEMS & PUBLIC COUNTY DEPARTMENT HS.
[Signature] 9-23-75
 DIRECTOR DATE

OWNER'S CERTIFICATE:
 I, **YARRKIDGE SERVICE OWNER** OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOP THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVING OF THIS PLAN BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES; AND DEDICATE THE STRIPS, ALLEYS, WALKWAYS, AND OTHER EASEMENTS, HEDGING STRIPS, AND ROAD PLANS, AND OPEN SPACES WHERE APPLICABLE TO PUBLIC USE, ALL EASEMENTS, OR RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

WITNES MY HANDS THIS DAY OF AUGUST 20, 1975
John Davis 8/20/75
 JOHN DAVIS, EXECUTIVE DATE

John S. Schaefer 8/20/75
 WITNESS DATE

SURVEYOR'S CERTIFICATE:
 I HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY WELDON L. BORING, ET AL, BY YEARKIDGE SERVICE GRP, INC OF DEED DATED JUNE 25, 1975, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND UNDER T26 OF PLAT 144, AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

William D. Mantel 8/17/75
 REG. LAND SURVEYOR DATE

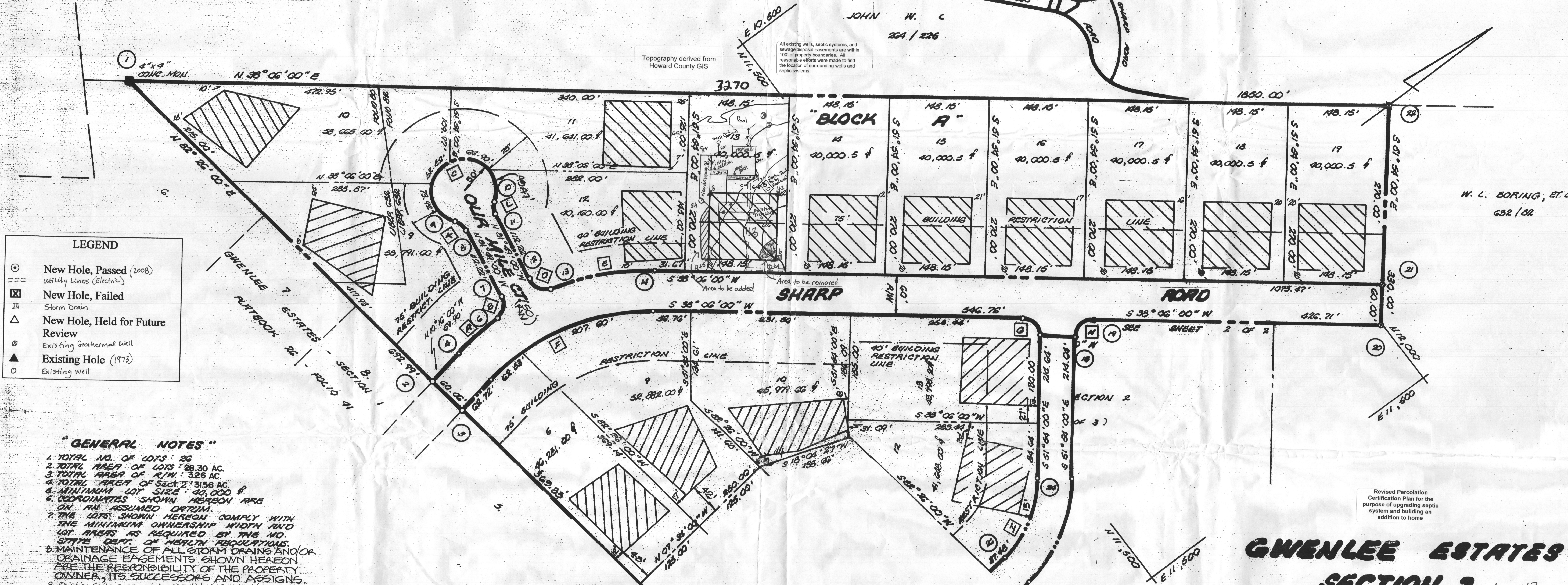
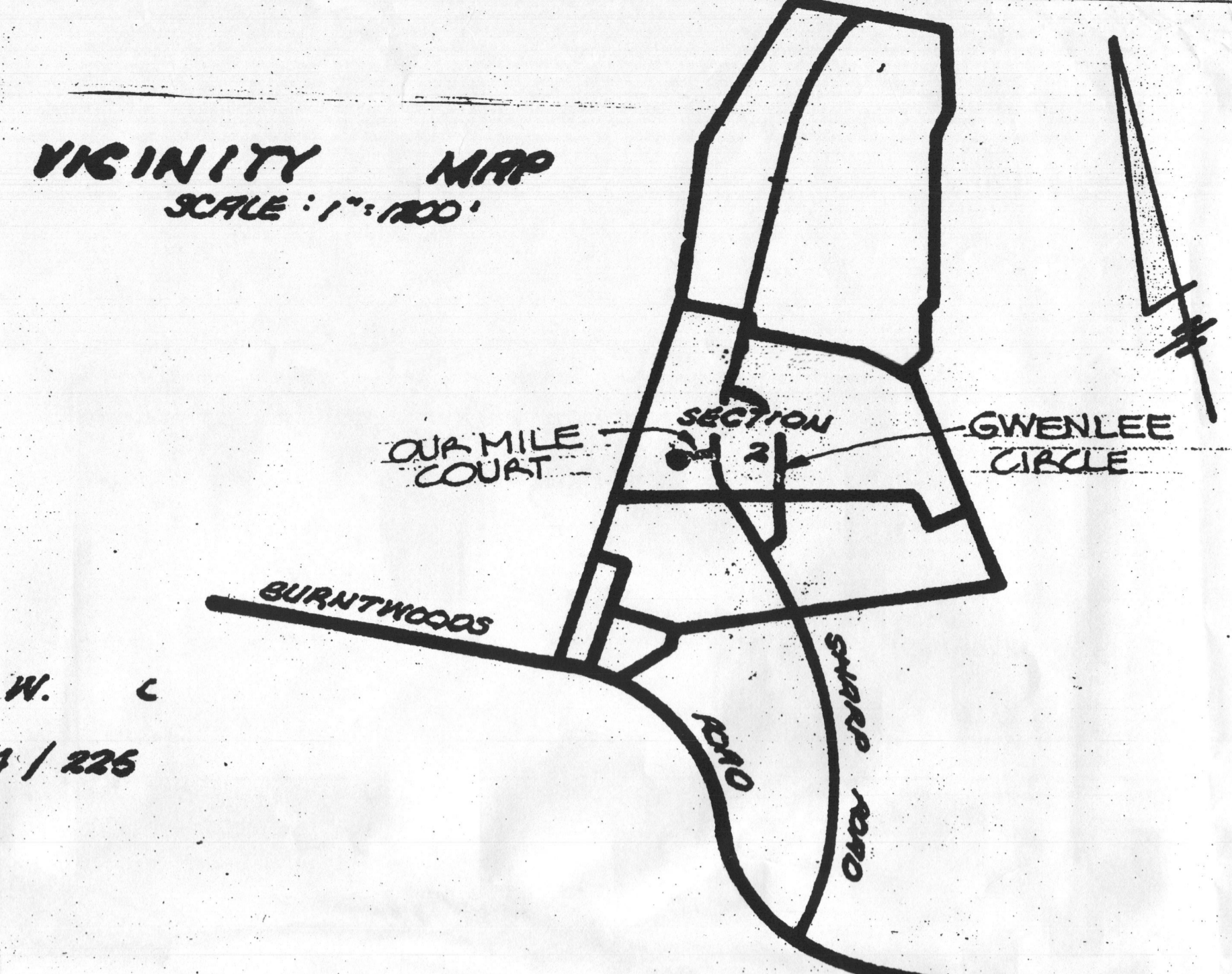
ENGINEERING PLANNING SURVEYING BY:
BOENDER ASSOCIATES INC.
 411807 CITY, MD. 465-7777

Patrick Doman
 Serenity Home Improvements
 15528 Cattail Oaks
 Glenwood, MD 21738
 4190489-6220
 Plan prepared October 22, 2008

F-75-50

NO.	NORTH	EAST	NO.	NORTH	EAST
1	10,708.85	10,003.91	18	11,420.20	11,145.57
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3	10,860.13	10,670.37	20	12,001.09	11,404.62
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6	10,925.17	10,614.15	23	11,877.77	11,307.92
7	10,991.37	10,572.72	24	11,468.41	11,258.53
8	11,007.31	10,491.71	25	11,497.22	11,314.45
9	11,001.71	10,462.03	26	11,343.74	11,301.13
10	11,067.70	10,471.57	27	11,250.32	11,378.25
11	11,086.80	10,458.62	28	11,577.18	11,663.73
12	11,040.81	10,529.83	29	10,934.82	11,408.54
13	11,059.04	10,627.80	30	10,941.84	11,458.00
14	11,143.32	10,676.03	31	10,586.23	11,520.09
15	11,156.34	10,782.25	32	10,965.94	11,528.17
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LEGEND

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- ⊖ New Hole, Failed
- ⊖ Storm Drain
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- ⊙ Existing Geothermal Well
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- Existing well to be upgraded prior to building permit approval.

Owner: Les & Julia Montgomery
3270 Sharp Road
Glenwood, MD 21738-9402
410-489-0519

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.

Les Montgomery Date: 11/05/08

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROX. 10,000 sq ft AS REQUIRED BY THE MD. STATE HEALTH DEPT. FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONVERSION TO A PUBLIC SEWAGE SYSTEM.

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GWENLEE ESTATES
SECTION 2, Lot 13
Percolation Certification Plan.
3rd & 4th ELECTION DISTRICT AUGUST 2, 1975
HOWARD COUNTY, MARYLAND SCALE: 1" = 50'

RECORDED IN PLAT BOOK **3323**
ON **10/6/1975** AMONG THE LAND RECORDS OF
HOWARD COUNTY, MD.

APPROVED: DR. PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
[Signature] 11/20/2008
COUNTY HEALTH OFFICER

APPROVED: [Signature] 4/9/2575
DATE

APPROVED: STORM DRAINAGE SYSTEMS & PUBLIC UTILITY DEPARTMENT.
[Signature] 9-23-75
DIRECTOR DATE

OWNER'S CERTIFICATE:
I, YORKRIDGE SERVICE CORPORATION, INC., hereby adopt this plan of subdivision, and in consideration of the approval of this plat by the office of planning and zoning, establish the minimum building restriction lines; and dedicate the streets, alleys, walkways, and other easements, widening strips, and road plans, and open space herein applicable to public use, all easements, or rights-of-way affecting the property are included in this plan of subdivision.

WITNES MY HANDS THIS DAY OF AUGUST 20, 1975
[Signature] 8/20/75
JOHN OAVIS, EXEC. V.P. DATE

[Signature] 8/20/75
WITNESS DATE

SURVEYOR'S CERTIFICATE:
I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY WELDON L. BORING, ET UX, TO YORKRIDGE SERVICE CORP., INC. OF DEED DATED JUNE 25, 1975, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND UNDER 726 OF PLAT 144, AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODES OF MARYLAND, AS AMENDED.

[Signature] 8/17/75
RES. LAND SURVEYOR DATE

ENGINEERING PLANNING SURVEYING BY:
BOENDER ASSOCIATES INC.
2111 GOTT CITY, MD. 465-7777

Patrick Doman
Serenity Home Improvements
15528 Cattail Oaks
Glenwood, MD 21738
4190489-6220
Plan prepared October 22, 2008

STATE OF MARYLAND
WILLIAM G. HARTZ
REGISTERED PROFESSIONAL LAND SURVEYOR