

APPLICATION FOR PERCOLATION TESTING AND SITE EVALUATION

FAX #:
PH:

\$500 -

Shirley
Heide

TEST DATE(S) _____ TEST TIME _____ A/P _____
AGENCY REVIEW: _____ DATE _____

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 0 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) Shirley & TOM COLLIER

DAYTIME PHONE 410-442-5609 CELL 410-984-7582 FAX _____

MAILING ADDRESS 930 HENRYTON RD MARBOTTSVILLE MD 21104
STREET CITY/TOWN STATE ZIP

APPLICANT Jane

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

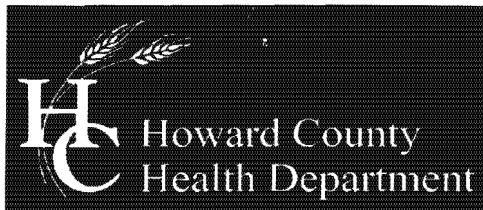
PROPERTY ADDRESS Jane
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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 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



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

May 6, 2008

Tom and Shirley Collier
930 Henryton Road
Marriottsville, MD 21104

RE: Percolation Test Report for 930 Henryton Road

Dear Shirley and Tom,

Percolation testing was conducted on the referenced property on April 30, 2008. The soils tested were those occupying areas having appropriate topography and not within any regulated setbacks. Percolation Test Results indicate areas of soils' conditions that are alternately satisfactory and unsatisfactory for onsite wastewater disposal. Subsequently, three very limited areas could be designated as having properties suitable for inclusion in a septic easement.

Seven test holes were dug for profile description and/or standard percolation tests. Three holes 'Passed' (at specific depths) and four 'Failed'. The Failing tests disallow continuity between the small areas that Passed. Veins of relatively unweathered rock dip sharply (vertically or near vertical in several locations) through the soil profile. The side slope that is the location of this soil investigation is marked by outcrops where the rock veins protrude from the soil surface.

Two infiltrometer tests were conducted at appropriate topographic location. After reaching a steady state, both locations had rates of infiltration greater than 1-inch per hour. Thus, a sand mound location may be defined by these paired tests.

I have indicated the locations and dimensions of the areas on your property observed as suitable for wastewater disposal. Each area is believed to be large enough to accommodate one disposal system for the 2-bedroom residence existing on the property. The sum of the three areas does not equal 10,000 square feet as required by Code of Maryland (COMAR, 26.04.02.04.F), though defining areas for an initial (drainfield) system and 2 replacement systems meets Howard County Code (3.805.A.2.X).

Soil depth to bedrock is inconsistent on the subject properties and potential for wastewater disposal is further limited by relatively slow percolation rates throughout the soil profile. Any adjustment of the observed approvable areas will likely require additional testing.

The solution in the existing dry well appears clear and is at a level of about 4 to 5 feet. The total depth of the dry well is observed to be about 12 feet. The terra cotta standpipe is tilted sharply from its original upright position. The installation permit for the dry well describes a maximum depth of 10 feet with an inlet depth at 2.5

feet. Altogether, these observations indicate that the soil over the dry well cover is now about 1.5 to 2 feet deeper than when the dry well was constructed in January 1976.

The dry well is beyond 32 years in service and the wastewater level is very near to the Inlet. Though the dry well may remain in service until an upgrade (due to increase in flow) or repair is required, no credit for potential absorption area is granted for the dry well. Therefore, the dry well does not count as one of the three treatment systems required by Howard County Code.

Field data collected are shown on the Percolation Test Results Worksheet enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall are provided for subsequent system design, and all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested.

This investigation was triggered by submission of a Building Permit Application (B08001238) for a 1-story addition with basement. The paid Percolation Application Fee is effective for the subject property through April 17, 2010.

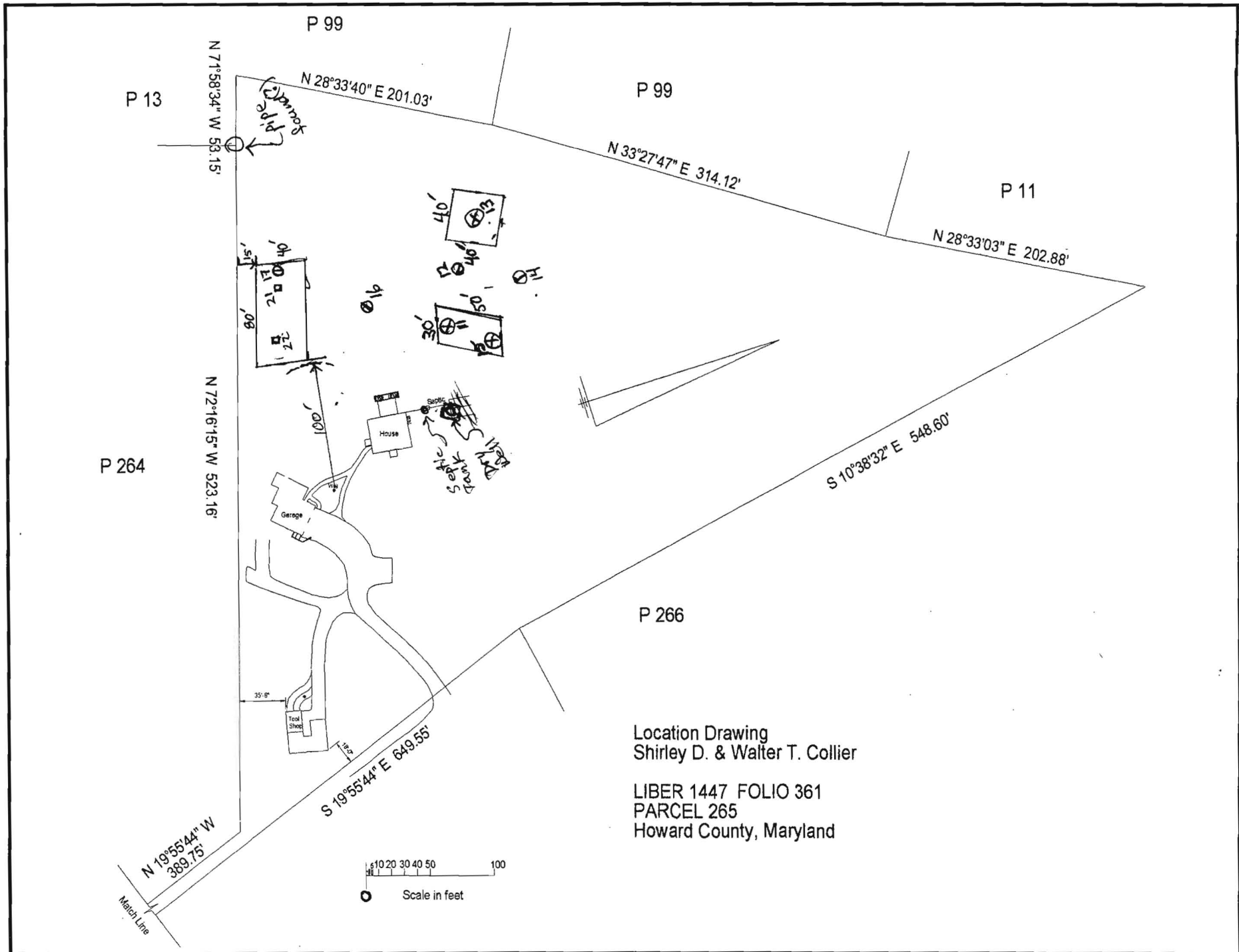
If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by calling (410) 313-2691.

Respectfully,



Robert C. Bricker, Jr., CPSS, RS
Well and Septic Program
Development Coordination Section

Enclosure
Copy: File



P 13

P 99

P 99

P 11

P 264

P 266

N 71°58'34" W 53.15'

N 28°33'40" E 201.03'

N 33°27'47" E 314.12'

N 28°33'03" E 202.88'

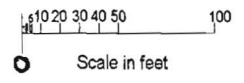
N 72°16'15" W 523.16'

S 10°38'32" E 548.60'

N 19°55'44" W 389.75'

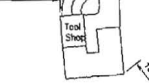
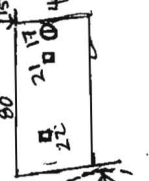
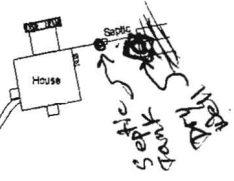
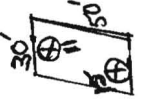
S 19°55'44" E 649.55'

Match Line



Location Drawing
Shirley D. & Walter T. Collier

LIBER 1447 FOLIO 361
PARCEL 265
Howard County, Maryland



MOUND TEST DATA SHEETS

Property I.D. 930 Henryton Rd. Lot # _____ Date 4/30/08
 Sanitarian RB Landscape Position Side Slope
 % Slope 11-12 Soil Type _____ Contractor Fogles
 HOLE # 21 DEPTH OF TEST 22" START TIME 3:24

dk brn loam
2 fskb & v fskb
4 1/2"
brn sel
2 mskb
5% channers
28"
red brn
ch sel
7 fskb
20% channers
few fine roots
36"
red brn
ch sel
1 fskb
15% channers
no roots
42"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	0	—	—
9 14/16	6	2/16		
9 12/16	6	2/16		
9 10/16	6	2/16		
9 8/16	6	2/16		
9 6/16	6	2/16		

20/16/hr = 1 1/4" hr Pass
 Began equilibration at 3 p.m.

HOLE # 22 DEPTH OF TEST 16" START TIME 3:44

dk brn loam
7 fskb & v fskb
6"
brn ch sel
2 mskb 15%
15"
brn sel
1 mskb
10% channers
24"
brn ch sel
heavy
1 fskb
30"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	Begin	0	—	—
10 2/16	6	14/16		
9 4/16	6	14/16		
8 6/16	6	14/16		
7 8/16	6	14/16		

>> 1" / hr Pass
 Began equilibration at 3:20

MOUND TEST DATA SHEETS

Property I.D. 930 Henryton Rd. Lot # _____ Date 4/30/08
 Sanitarian RB Landscape Position Side Slope
 % Slope 11-12 Soil Type _____ Contractor Fogles
 HOLE # 21 DEPTH OF TEST 22" START TIME 3:24

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	0	—	—
9 14/16	6	2/16		
9 12/16	6	2/16		
9 10/16	6	2/16		
9 8/16	6	2/16		
9 6/16	6	2/16		

dk brn loam
2 fsbk & v fsbk
4 1/2"
brn sel
2 mstk
5% channers
28"
red brn chsel
7 fsbk
20% channers
few fine roots
36"
red brn chsel
7 fsbk
15% channers
no roots
42"

$20/16/hr = 1/4" hr$ Pass
 Began equilibration at 3 p.m.

HOLE # 22 DEPTH OF TEST 16" START TIME 3:44

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	Begin	0	—	—
10 3/16	6	14/16		
9 4/16	6	14/16		
8 6/16	6	14/16		
7 8/16	6	14/16		

dk brn loam
7 fsbk & v fsbk
6"
brn chsel
2 mstk
15%
15"
brn sel
1 mstk
10% channers
24"
brn chsel
heavy
7 fsbk
30"

$>> 1" / hr$ Pass
 Began equilibration at 3:20

4:02

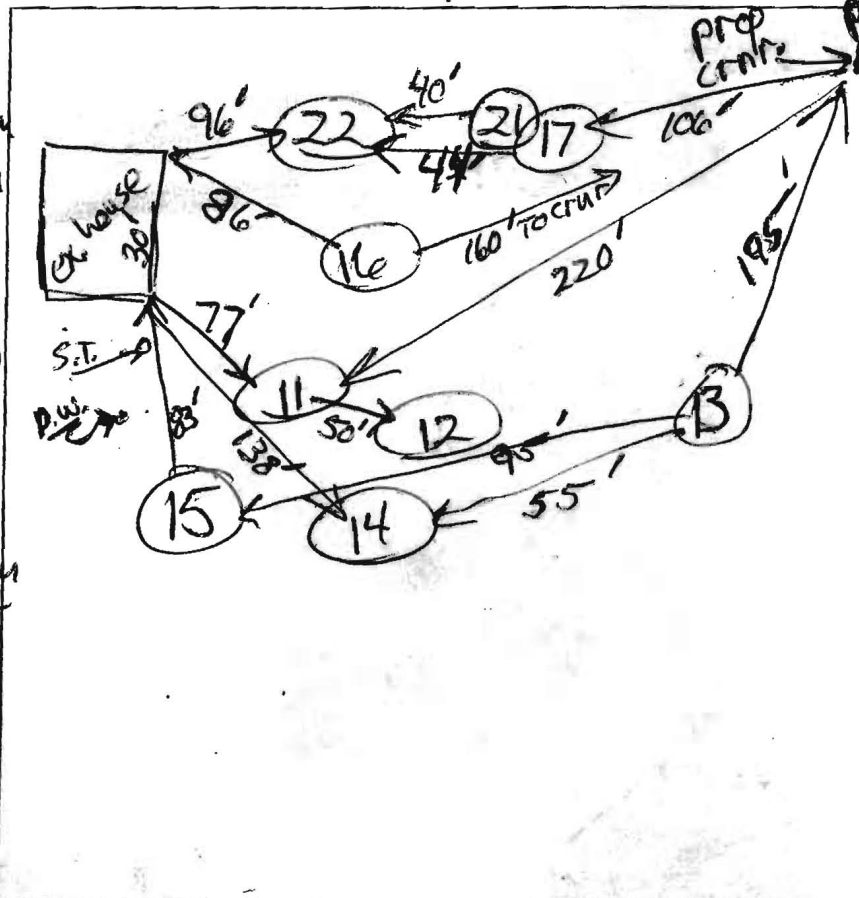
930 Henryton Rd.

A/P

11
0.3' dk grey brn loam
reddish brown
clay loam
2.3' red-brn scl
Profile is 15%
vertical shale,
discontinuous
veins
6' brn & t. brn
loam
& brn sl
15% common
shale

15
0.3' dk brn chl
brn scl
2 msl
2.5' red-brn chl
5' red-brn chl
6' heavy
brn chl
9' H. grey brn
ch. fsl
sapolite
brn-grey
vby sl

17
0.3' brn loam
red-brn scl
red-brn scl
(heavy)
1.8' grey-brn loam
brn sl
10% flgs
10% channers
> 50%
stones & flgs
VST & HSL



12
0.4' dk grey brn
loam
bouldery surface
brn cl
boundary
vertical vein
1.3' red brn by scl
3.3' brn f scl
5.5' vertical
bouldery vein
continues; boulders
at surface
15' on outcrop

13
0.3' dk. brn loam
brn scl
1.5' bk
2.5' red-brn f scl
common mica
10% stone
shale vein
9.5' brn vch
brn
6' shale vein dipping
brn vch
sandy loam
shale vein
dipping
10' shale

14
0.5' dk brn loam
4' red brn chl
brn grey chl.
1.8' brn
8' brn & brn grey sl
9.5' bouldery, 7.50% rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/30/08	11	6.5' / 11'	10:08	10:18	10:44	21	P
4/30/08	13	5.5' / 10'	11:19	11:23	11:33	10	P
4/30/08	14	5.5' / 8'	12:02	12:22	→		F
4/30/08	15	7' / 11'	1:24	1:34	1:50	16	P
4/30/08	16	Visual	other	vertical shale	0.5' to 7.0'		F
4/30/08	17	6' / 10'	3:00	3:27	→		F
	12	Visual		rock outcrop	confirmed		F

REMARKS #13, 15% slope
SANITARIAN RB BACKHOLE Smiley & B.S. (Eagles) OTHERS Tom & Shirley Collier
TEST HOLES USED IN SDA 11 & 15; 13; 21 & 22 AVG. PERC TIME Varies SQ. FT/BR Varies
TRENCH WIDTH INLET DEPTH 4' MAX. BOT DEPTH EFFECTIVE SW
11 & 15: 3' wide; Bottom, 7'; Eff S/W = 1'
13: 2' wide; Bottom, 6'; Eff S/W = 1 to 1.5'



Howard County
Health Department

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(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 14, 2008

Shirley Collier
930 Henryton Road
Marriottsville, MD 21104

RE: **Variance denial**
930 Henryton Road
Marriottsville, MD 21104

Dear Mr. Linder:

The Health Department received your letter dated April 1, 2008 requesting a variance to waive the Percolation Certification Plan required for the construction of a 700 square foot sunroom, powder room and unfinished basement. The *Howard County Code Subtitle 8, Section 3.805* requires a Perc Certification Plan for the addition of living space. A variance was issued on February 12, 2008 for the construction of a tool shed that is not considered living space, but a Perc Certification Plan is required for the addition of 700 square feet of living space. Our records indicate that testing was performed in August of 1974, but there are no soil profiles and there is not a professionally prepared plan with the perc test locations.

In order to move forward with the project perc testing must be performed to demonstrate that there is adequate area for future on-site sewage disposal. Once the testing has been performed the Perc Certification Plan must be submitted to illustrate the sewage disposal area.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.
Assistant Director
Bureau of Environmental Health

c: File

Shirley D. Collier
930 Henryton Road
Marriottsville, Maryland 21104

Mr. Michael Davis, R.S.

4/1/2008

Well & Septic Program Manager

7178 Columbia Gateway Dr.

Columbia, MD 21046

Transmitted via
Jay 4-2-08

Dear Mr. Davis:

I am writing to request a variance to the requirement to obtain another septic perk test on our residential property located at 930 Henryton Road, Marriottsville, MD, in order to obtain a permit to build an addition to our home.

A perk test was performed on 08/14/1974 and is on file in the Howard County Health Department. The addition to the house is a 700 sq. ft sunroom/dining room/powder room and unfinished basement located on the south & west sides of the house. The septic system is on the north, down sloping side of the house. The attached drawings show the location of the planned addition. The addition is farther away from the septic than the existing house, and is set back 80' from the property line to the south.

My husband and I have lived in this house since 1986 and have never had any problems with the septic system. The addition does not include bedrooms and is not intended to accommodate any additional residents. We are on 5 acres with substantial room to add septic capacity if that is ever necessary.

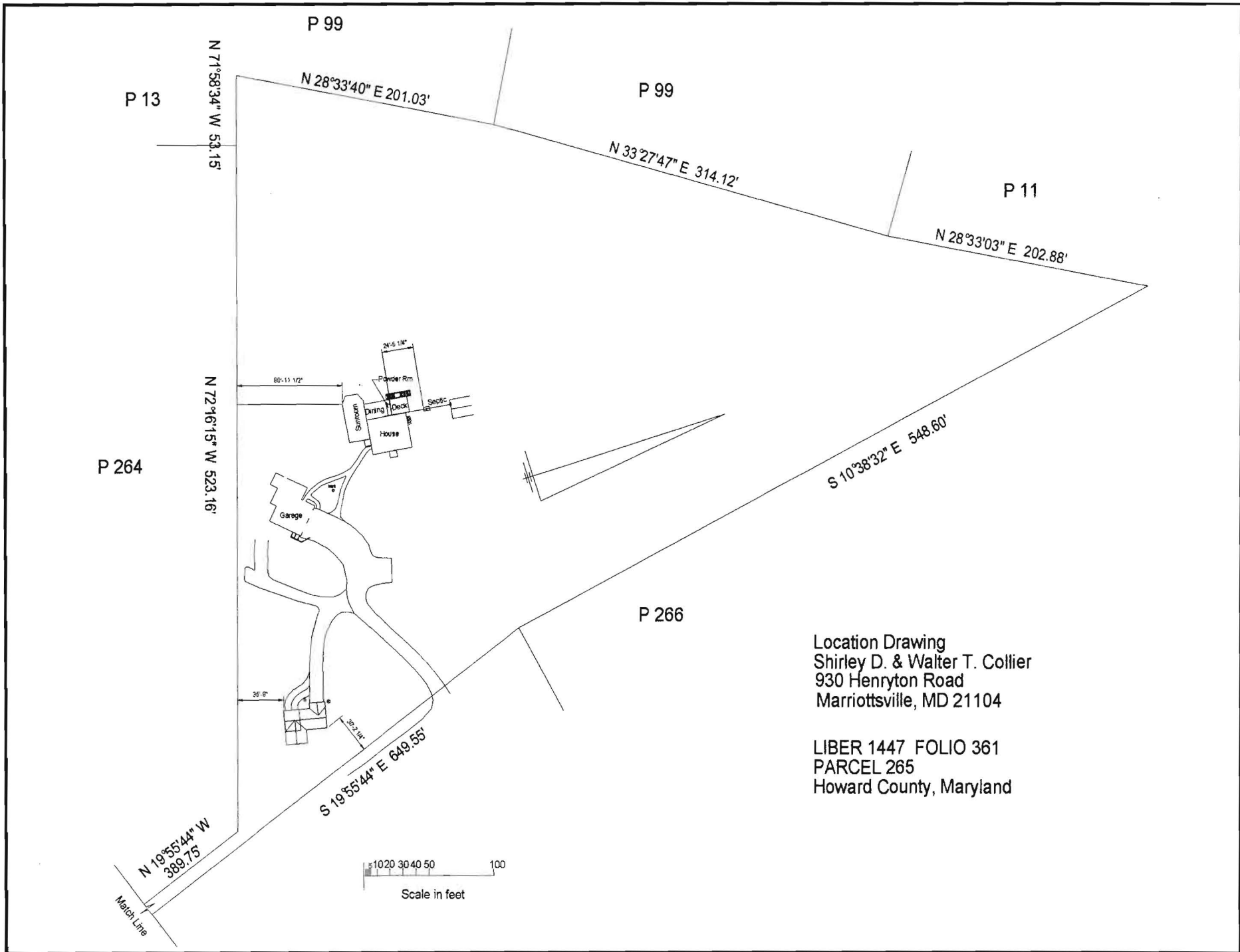
We await your approval to proceed with construction. Your kind consideration is appreciated.

Sincerely,

Shirley D. Collier

Shirley D. Collier

410-442-5669

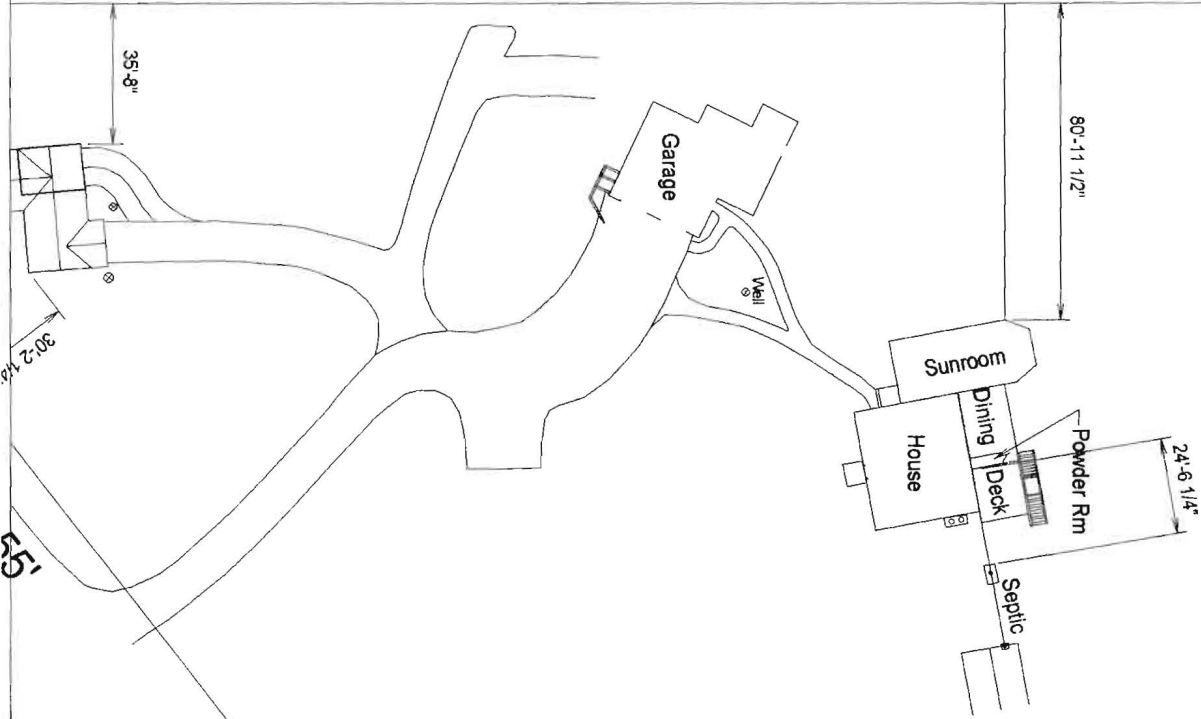


Location Drawing
 Shirley D. & Walter T. Collier
 930 Henryton Road
 Marriottsville, MD 21104

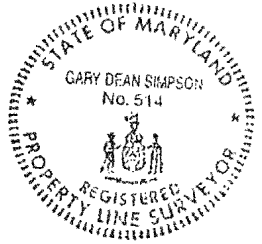
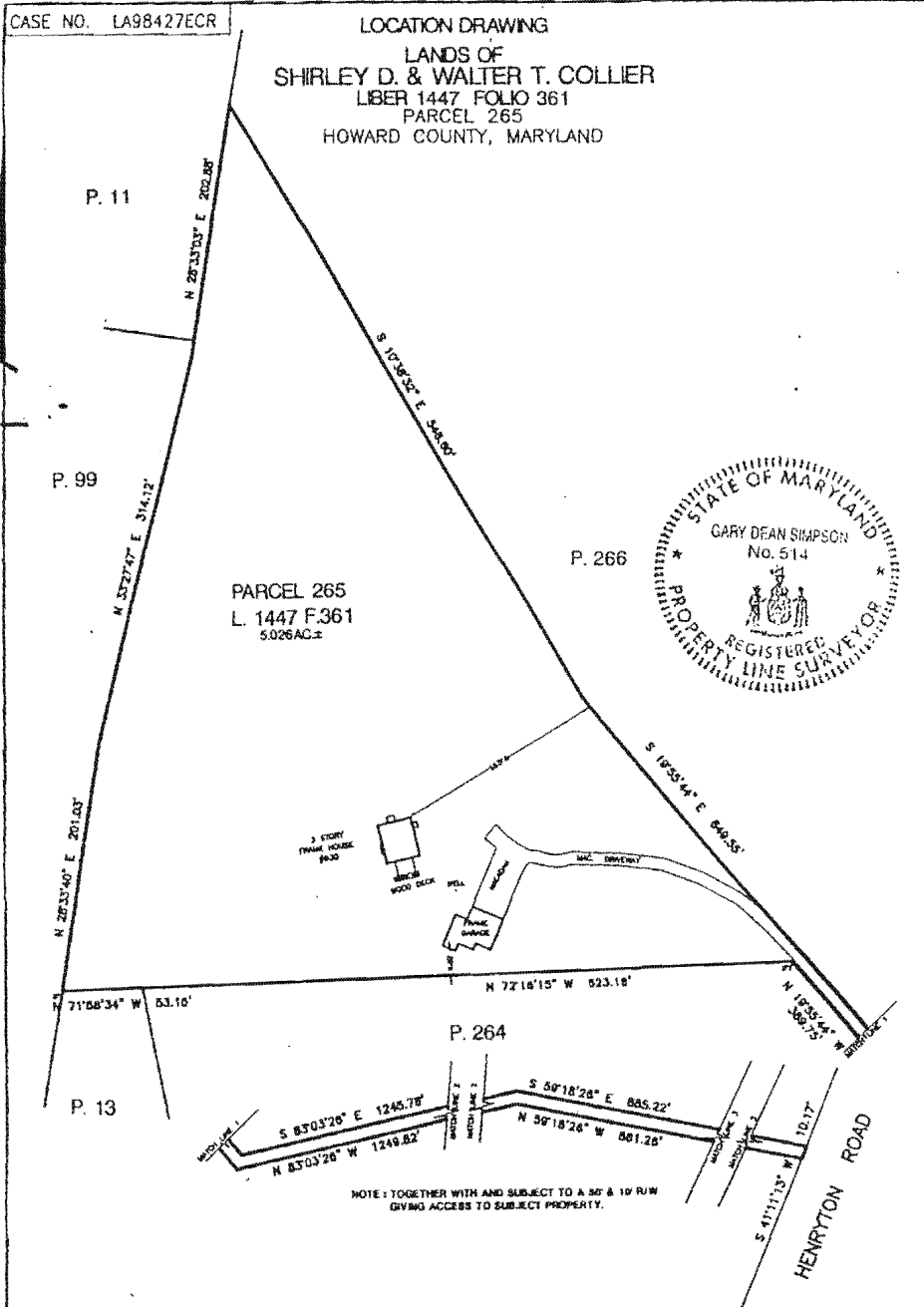
LIBER 1447 FOLIO 361
 PARCEL 265
 Howard County, Maryland



P 264

N 72°16'15" W 523.16'



P 266



PROPERTY ADDRESS: #930 HENRYNTON ROAD		THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C (AREA OF MINIMAL FLOODING) ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP COMMUNITY PANEL NO. 240044 0000 & NOT PRINTED (NON HAZARD AREA)	
CERTIFICATE I HEREBY DECLARE THAT THE POSITION OF ALL THE VISIBLE EXISTING IMPROVEMENTS SHOWN ON THE ABOVE DESCRIBED PROPERTY HAVE BEEN ESTABLISHED BY PROPER FIELD METHODS.  GARY DEAN SIMPSON Reg. MARYLAND Property Line Surveyor No. 514		REFERENCES PLAT BK. PLAT NO. LIBER 1447 FOLIO 361	
		 CMS CENTRAL MARYLAND SURVEYORS, INC. 4319 NORTHVIEW DRIVE (301) 282-2500 FAX (301) 282-8878 BOWIE, MD 20716	
		DATES: WALL CHECK: HSE. LOC.: 08-15-98 BOUNDARY:	SCALE: 1" = 100 DRAWN BY: RAA JOB NO.: 3373-98

- NOTES: 1) This location drawing is of benefit to a consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing.
 2) This location drawing is not to be used for the building of fences or other improvements.
 3) This location drawing is not to be relied upon for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
 4) B.R.L. information, if shown was obtained from existing record plot or was provided to CMS, and is not guaranteed by CMS, Inc.
 5) Flood Zone information is subject to the interpretation of the originator.
 6) CMS, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
 7) Level of accuracy _____ 5' ±.

NO REPRODUCTION WITHOUT EXPRESSED PERMISSION FROM CMS, INC.



Howard County
Health Department

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website: www.hchealth.org

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

February 12, 2008

Mr. Tom Collier
930 Henryton Road
Marriottsville, MD 21104

RE: **Variance Approval**
930 Henryton Road
Marriottsville, MD 21104

Dear Sir:

The Department of Health has received your variance request dated February 10, 2008 for the above referenced property. This agency will grant **approval** of the variance to waive the required Percolation Certification Plan as required by the *Howard County Code, Subtitle 8, Section 3.805*. The variance has been approved on the basis that the proposed tool shed without plumbing does not increase the wastewater flow from the single family residence and does not impact the existing well or potential for future on-site sewage disposal area.

Be advised that any future addition may require percolation testing and a Percolation Certification Plan will be required. Any deviations from the site plan submitted with the request will be subject to further review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.

Well and Septic Program Manager

c: File

Mr. Gabriel Creighton
Environmental Sanitarian
Howard County Health Dept

Sunday, Feb 10, 2008

Dear Mr. Creighton,

As per our conversation at your offices on Thursday, February 7, 2008, I am requesting a variance on county ordinance 3.805 requiring that a perk test certification map be on file with the county in order to obtain a building permit. The house was built in 1975 and apparently no such document was required at that time.

The reasons for the variance are as follows:

- 1) The tool shed / pole barn for which a building permit is being requested will not include connection to either the well or septic systems,
- 2) As reflected in the attached plat drawings, the location of the new construction is approximately 170' from the water well and approximately 250' from the septic system. There is a gentle slope to the property from south to north. The pole barn will be located almost directly across the slope, and on approximately the same elevation as the well, house and septic system. Clearly, in this location the new structure can have no effect on either the well or the septic system, or vice versa.
- 3) The new tool shed / pole barn will be built on an existing slab as indicated on the included drawings. There was a building permit issued by the county in 1995 for this tool shed, at the same time a permit was issued for the garage, which was built in that year. For reasons not relevant to this request we installed the slab for the tool shed, which was inspected and approved along with the garage, but delayed building the tool shed until this year.

In applying for the building permit for the pole barn I was informed that the county does not retain building permits over one year, and that I would need to apply for a new permit for the tool shed as well. I was also informed that, since we are on a well & septic system, the Health Department would need to sign off on the location of the new structure before the permit could be issued. The permit request has been entered into the county system but a permit number has not yet been issued pending approval by your department of the location of the new structure.

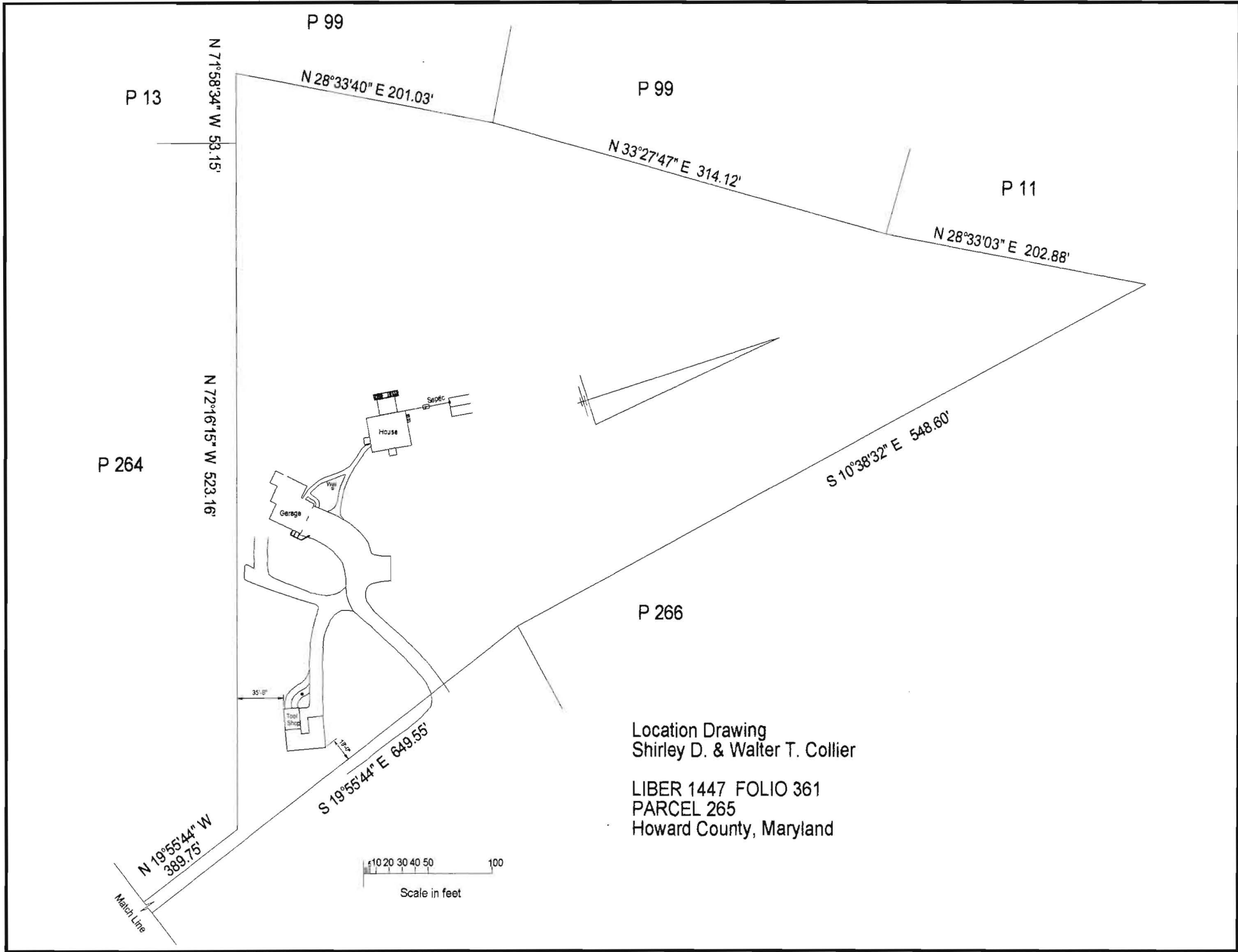
Finally, the neighboring property's well and septic systems are at a greater distance from the proposed building location than the systems on this parcel.

I appreciate your prompt attention to this matter.

Regards,
Tom Collier

Tom Collier

930 Henryton Road
Marriottsville, MD 21104
(410) 442-5669

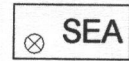


Location Drawing
Shirley D. & Walter T. Collier

LIBER 1447 FOLIO 361
PARCEL 265
Howard County, Maryland

Notes:

1. ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
2. TOPOGRAPHY ON THIS PLAT IS FROM HOWARD COUNTY GIS AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
3. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

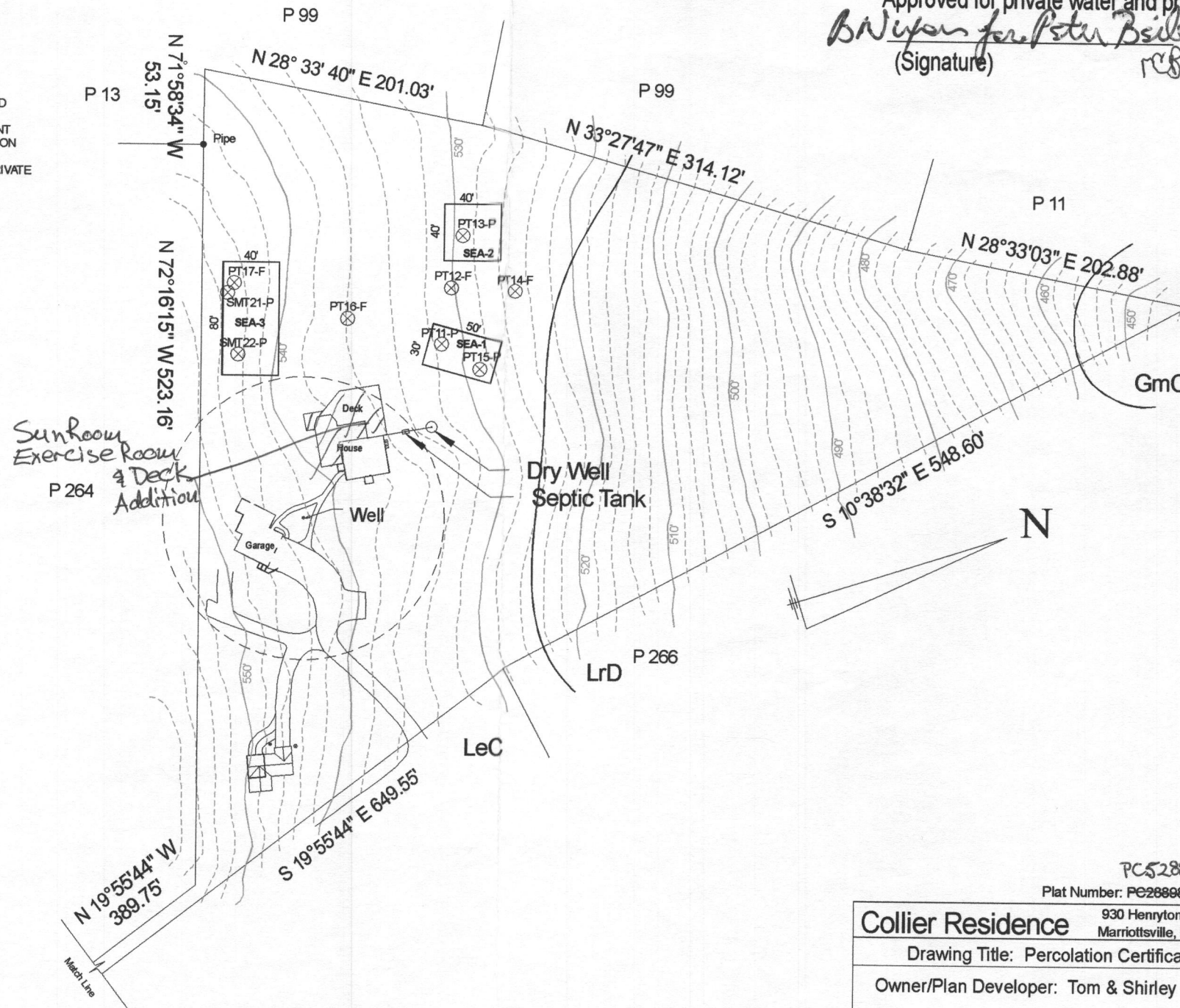


THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED EASEMENT SHALL NOT BE NECESSARY.

4. ALL OF THESE SHALL REMAIN: THE EXISTING RESIDENCE, GARAGE, DECK, POLE BARN, WELL, SEPTIC TANK AND DRY WELL.
5. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO ESTABLISH A SEPTIC EASEMENT IN SUPPORT OF A BUILDING PERMIT TO EXPAND THE FOOTPRINT OF THE EXISTING RESIDENCE. THE NEW FOOTPRINT IS REPRESENTED IN THIS DRAWING.

Legend:

- x = Test Number
- PTx-P - Perc Test - Pass
- PTx-F - Perc Test - Fail
- SMTx-P - Sand Mound Test - Pass
- SMTx-F - Sand Mound Test - Fail
- SEA - Septic Easement Area



I certify that the information shown hereon is based on work performed in my presence or by my direction, and is correct to the best of my knowledge and belief.

Tom Collier 5/12/08
 (Signature) (Date)

Approved for private water and private sewerage systems.

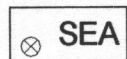
B. Wilson for Peter Beilman 5/23/08
 (Signature) (Date)

LIBER 1447 FOLIO 361
 PC52898 PARCEL 265
 Plat Number: ~~PC28898~~ Howard County, Maryland

Collier Residence	930 Henryton Road Marriottsville, MD 21104	Scale 1"=100'
Drawing Title: Percolation Certification Plan		Date: 05/08/08
Owner/Plan Developer: Tom & Shirley Collier (410) 442-5669		

Notes:

1. ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
2. TOPOGRAPHY ON THIS PLAT IS FROM HOWARD COUNTY GIS AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
3. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

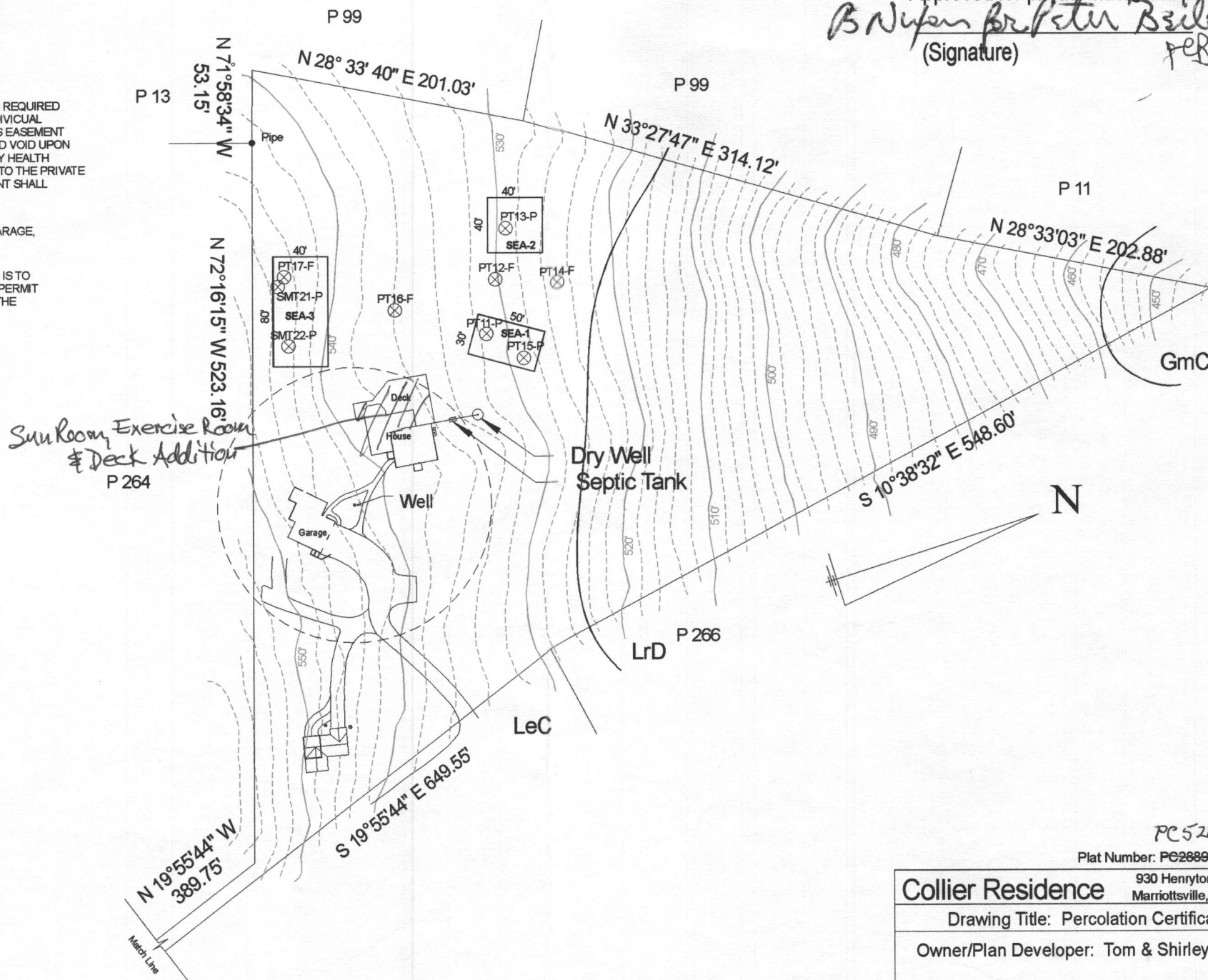


THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED EASEMENT SHALL NOT BE NECESSARY.

4. ALL OF THESE SHALL REMAIN: THE EXISTING RESIDENCE, GARAGE, DECK, POLE BARN, WELL, SEPTIC TANK AND DRY WELL.
5. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO ESTABLISH A SEPTIC EASEMENT IN SUPPORT OF A BUILDING PERMIT TO EXPAND THE FOOTPRINT OF THE EXISTING RESIDENCE. THE NEW FOOTPRINT IS REPRESENTED IN THIS DRAWING.

Legend:

- x = Test Number
- PTx-P - Perc Test - Pass
- PTx-F - Perc Test - Fail
- SMTx-P - Sand Mound Test - Pass
- SMTx-F - Sand Mound Test - Fail
- SEA - Septic Easement Area



I certify that the information shown hereon is based on work performed in my presence or by my direction, and is correct to the best of my knowledge and belief.

Tom Collier 5/12/08
(Signature) (Date)

Approved for private water and private sewerage systems.

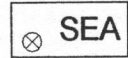
B. Nijm for Peter B. Jensen 5/23/08
(Signature) (Date)

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PC 528898 PARCEL 265
Howard County, Maryland

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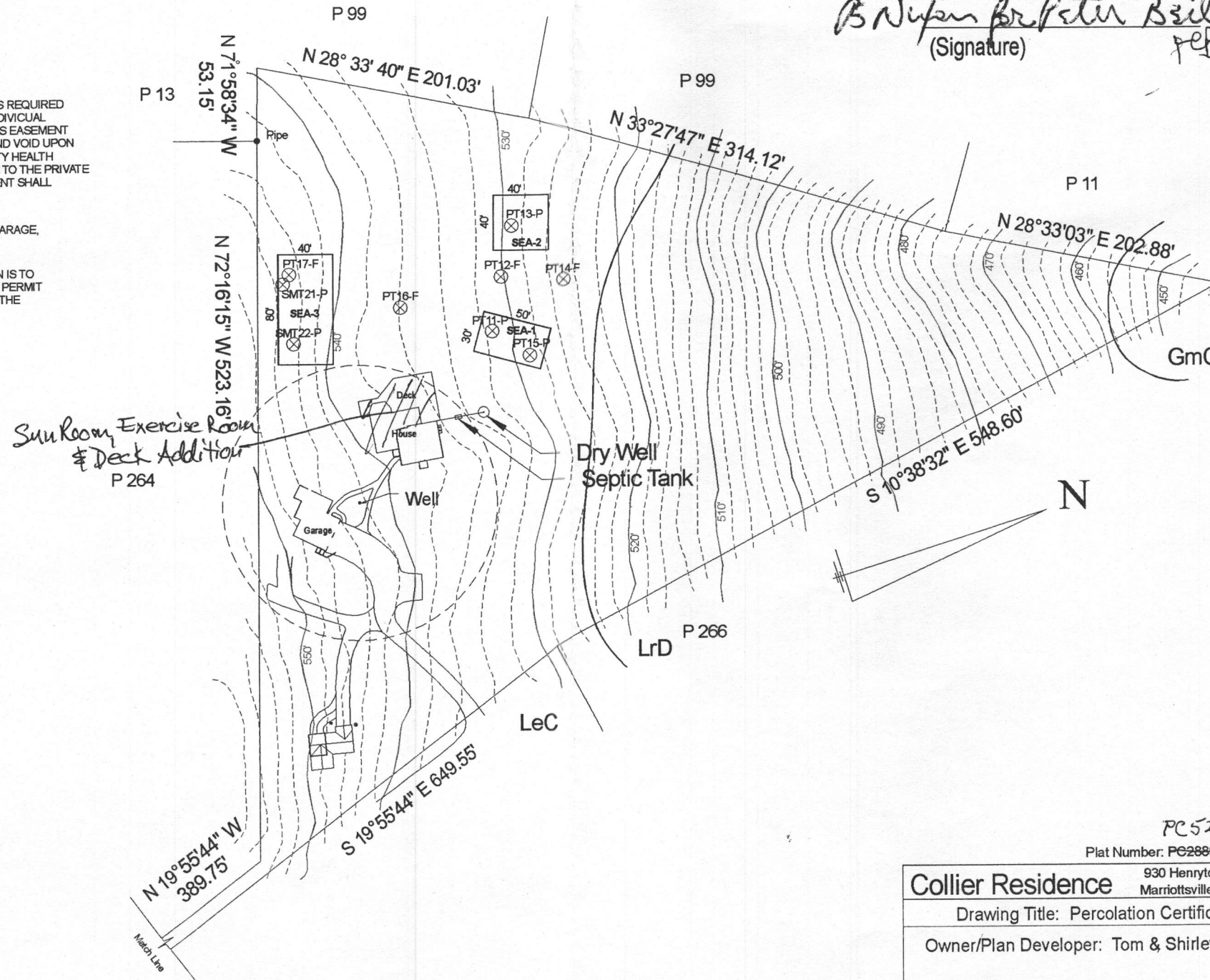


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Tom Collier 5/12/08
(Signature) (Date)

Approved for private water and private sewerage systems.

B. Nijm for Peter Szilencan 5/23/2008
(Signature) (Date)

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Plat Number: PG28898 Howard County, Maryland

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