



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

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

June 24, 2008

TO: Matthew Forgen, M.A.F. and Associates, LLC

FROM: Robert C. Bricker, CPSS
Bureau of Environmental Health
Well and Septic Program

RE: **Percolation Certification Plan Revision 7644 Green Dell Lane PC528471**
The following adjustments or edits are needed on the submitted Percolation Certification Plan for the subject property.

- 1) Correct date on perc tests to 6/20/85 ✓
- 2) Extend revised easement to include existing trenches. ✓
- 3) Show 2 alternative (re: replacement) well locations with 100-foot elliptical radius for each. The sites should be 50 feet apart. Setbacks are as follows: 10 feet to property line, 30 feet to structure such as house or garage, 20 feet to pool (waterline), 100 feet to septic tank or septic easement or 200 feet to septic tank or septic easement that is more or less directly uphill of the well site. ✓
- 4) A note is needed concerning well locations. For example, 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. ✓
- 5) This note is required: THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT. ✓
- 6) Use notes to identify sources (i.e. plats) you used as references, or cite those references within the notes. For example the lot boundary is from the final plat or perhaps the location drawing which would also include the house footprint. The topography would be from the original approved perc cert or maybe the approved site plan. ✓
- 7) A Percolation Certification Plan must include the soil map units. I am sending a print output (1 inch:100 feet) from Howard County GIS that shows the USDA-NRCS 2003 soil map units. I have entered the proper labels. ✓
- 8) The certification statement must be signed and dated by the preparer. For a surveyor or engineer preparing the plan: "I CERTIFY THAT THE INFORMATION SHOWN HERON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF." Alternatively the professional's seal may be affixed and signed. ✓

Re-submit 3 copies of the Percolation Certification Plan that incorporates the corrections. If you have any questions concerning these comments please call 410-313-2691.

Copy: file

'MDE SEWAGE EASEMENT STATEMENT'

"THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT 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 SEWAGE EASEMENT. RECORDATION OF A REVISED EASEMENT SHALL NOT BE NECESSARY."

PURPOSE NOTE:

THE PURPOSE OF THIS PLAN IS TO REVISE THE 10,000 SQUARE FOOT SEPTIC AREA. THIS REVISION IS TO ALLOW AN INGROUND POOL TO BE PLACED ON SITE.

TOPOGRAPHY NOTE:

THE TOPOGRAPHY SHOWN ON THIS PLAN WAS TAKEN FROM EXISTING APPROVED DRAWING ON FILE WITH THE HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH.

WELL LOCATION NOTE:

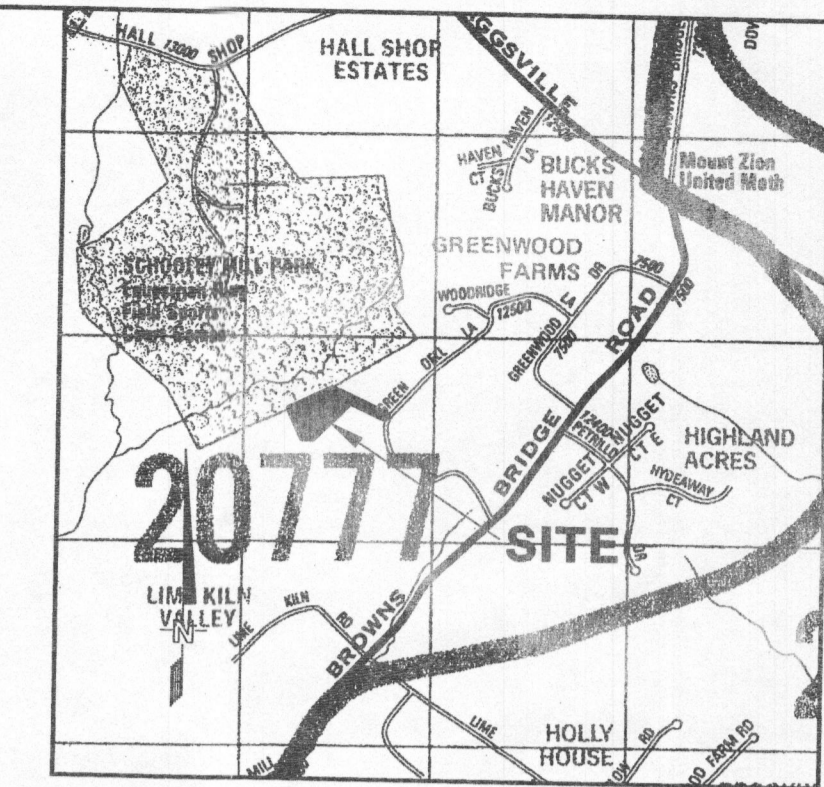
ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NOTE:

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

BOUNDARY AND LOCATION NOTE:

THE LOT BOUNDARY IS TAKEN FROM THE FINAL PLAT NUMBER 6652. THE HOUSE AND SEPTIC AREA LOCATION ARE TAKEN FROM THE PREVIOUSLY APPROVED SITE DEVELOPMENT PLAN.

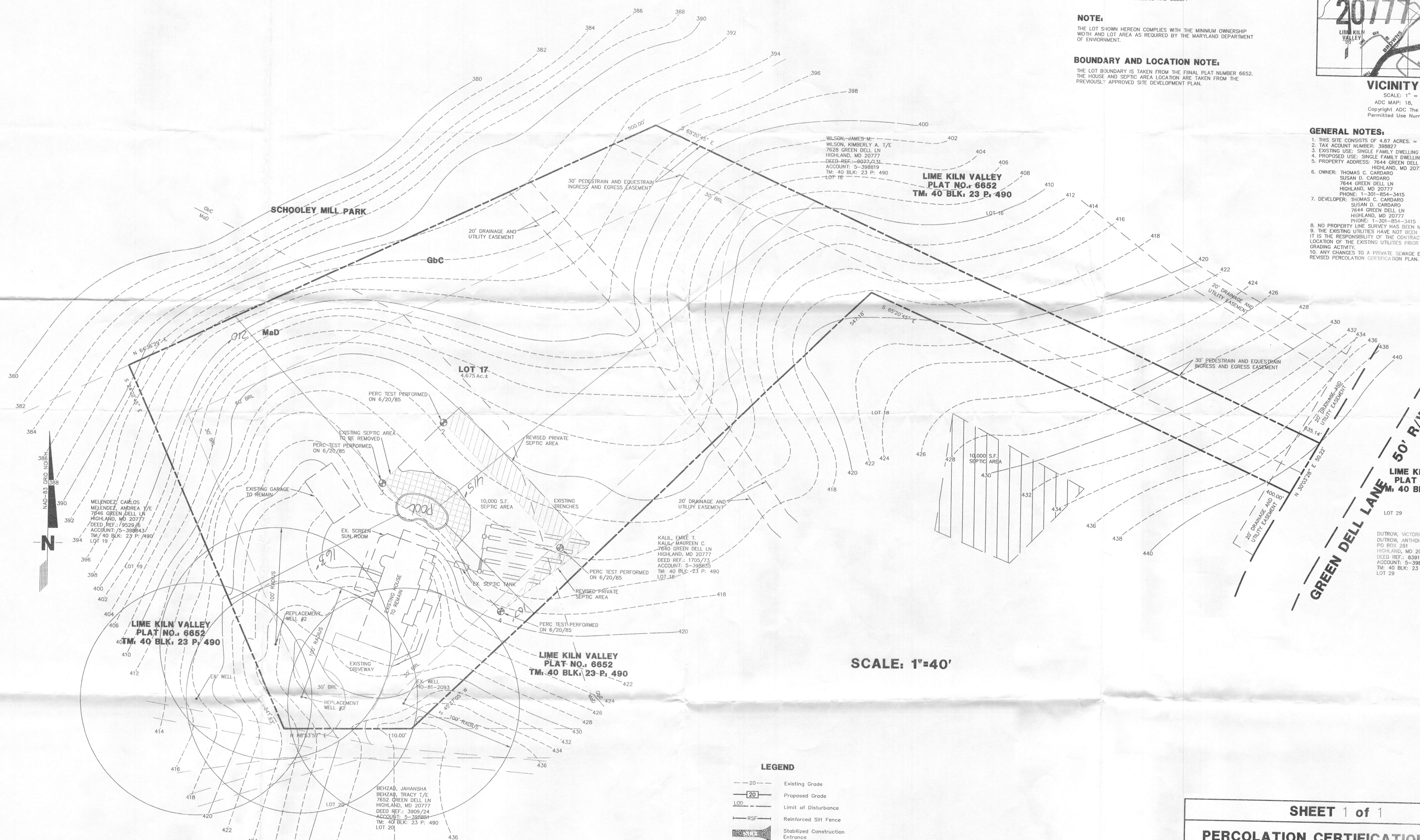


VICINITY MAP

SCALE: 1" = 2,000'
ADC MAP: 18, GRID: C3
Copyright ADC The Map People
Permitted Use Number: 2071191

GENERAL NOTES:

1. THIS SITE CONSISTS OF 4.67 ACRES = 203,635 SQUARE FEET.
2. TAX ACCOUNT NUMBER: 398827
3. EXISTING USE: SINGLE FAMILY DWELLING
4. PROPOSED USE: SINGLE FAMILY DWELLING WITH POOL
5. PROPERTY ADDRESS: 7644 GREEN DELL LN
6. OWNER: THOMAS C. CARDARO
SUSAN D. CARDARO
7644 GREEN DELL LN
HIGHLAND, MD 20777
7. DEVELOPER: THOMAS C. CARDARO
SUSAN D. CARDARO
7644 GREEN DELL LN
HIGHLAND, MD 20777
PHONE: 1-301-854-3415
8. NO PROPERTY LINE SURVEY HAS BEEN MADE AT THIS TIME.
9. THE EXISTING UTILITIES HAVE NOT BEEN FIELD VERIFIED AT THE TIME. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE LOCATION OF THE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY GRADING ACTIVITY.
10. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.



SCALE: 1"=40'

LEGEND

	Existing Grade
	Proposed Grade
	Limit of Disturbance
	Reinforced Silt Fence
	Stabilized Construction Entrance
	Temporary Stockpile Area
	REVISED PRIVATE SEPTIC AREA TO BE ADDED
	EXISTING SEPTIC AREA TO BE REMOVED
	PASSING PERCOLATION TEST HOLE LOCATION
	SOILS LINE

"Approval for private water and private sewerage systems"

B. Nylan for Peter Beileman 7/14/2008
Health Officer Date
TB rgo

M.A.F. & ASSOCIATES, LLC
528 HOODS MILL ROAD
WOODBINE MD. 21797
PHONE: 410-552-5541
FAX: 410-552-5546



SHEET 1 of 1

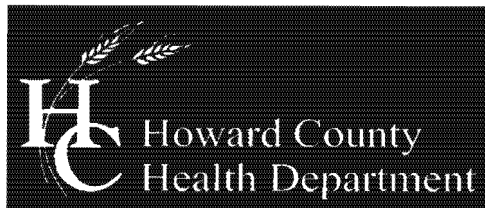
PERCOLATION CERTIFICATION PLAN

LIME KILN VALLEY
LOT 17
7644 GREEN DELL LANE

5th DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DRAWN ON: JUNE 11, 2008
TAX MAP 40 BLOCK 23 PARCEL 490

ZIPCODE: 20777

PC524028-Q



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4/7/2008

TO: Thomas Cardero
Property owner: 7644 Green Dell Lane, Highland, MD 20777

FROM: Robert Bricker, R.S., Environmental Sanitarian
Well and Septic Program

RE: Walk-through Building Permit Application for In-ground Pool

Dear Mr. Cardaro,

The proposal to install an in-ground pool (as presented by Johnson Pools & Spas) cannot be approved at this time. The septic easement boundary must be 20 feet from the water line of the pool. The drawing shows only 5 feet separating the septic easement and pool. Also, the drawing proposes an adjustment of the septic easement. A Revised Percolation Certification Plan is required for any adjustment of septic easement boundaries or well reserve areas..

The location drawing (Clark, Finefrock & Brown, September 2000) does not present all of the information required for a septic easement adjustment as shown. Among the missing information are elevation contours (2-foot intervals), soil map units, locations of the percolation tests, and footprint of the garage. I am enclosing 2 documents from Howard County Code: 1) the content requirements of a Revised Percolation Certification Plan, and 2) the regulated setback distances to wells and septic system components.

You may contact me at the Bureau of Environmental Health, 410-313-1771 if you have questions about these requirements.

RB

Copy: Johnson Pools & Spas
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