



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 528859

AGENCY REVIEW: _____

DATE 3/26/08

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 4 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) Kevin Redman

DAYTIME PHONE 7909 301-490-2854 CELL 410-456-2651 FAX _____

MAILING ADDRESS 7909 AYLES FORD LANE LANDER MD 20707
STREET CITY/TOWN STATE ZIP

APPLICANT MARK REDMAN

DAYTIME PHONE 410-531-7440 CELL 410-984-4961 FAX 410-531-6193

MAILING ADDRESS 7220 GUILFORD RD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME CLARKSVILLE RIDGE LOT NO. 3

PROPERTY ADDRESS 7220 GUILFORD ROAD CLARKSVILLE, MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 35 GRID 21 PARCEL(S) 230 PROPOSED LOT SIZE 1.1 Acres

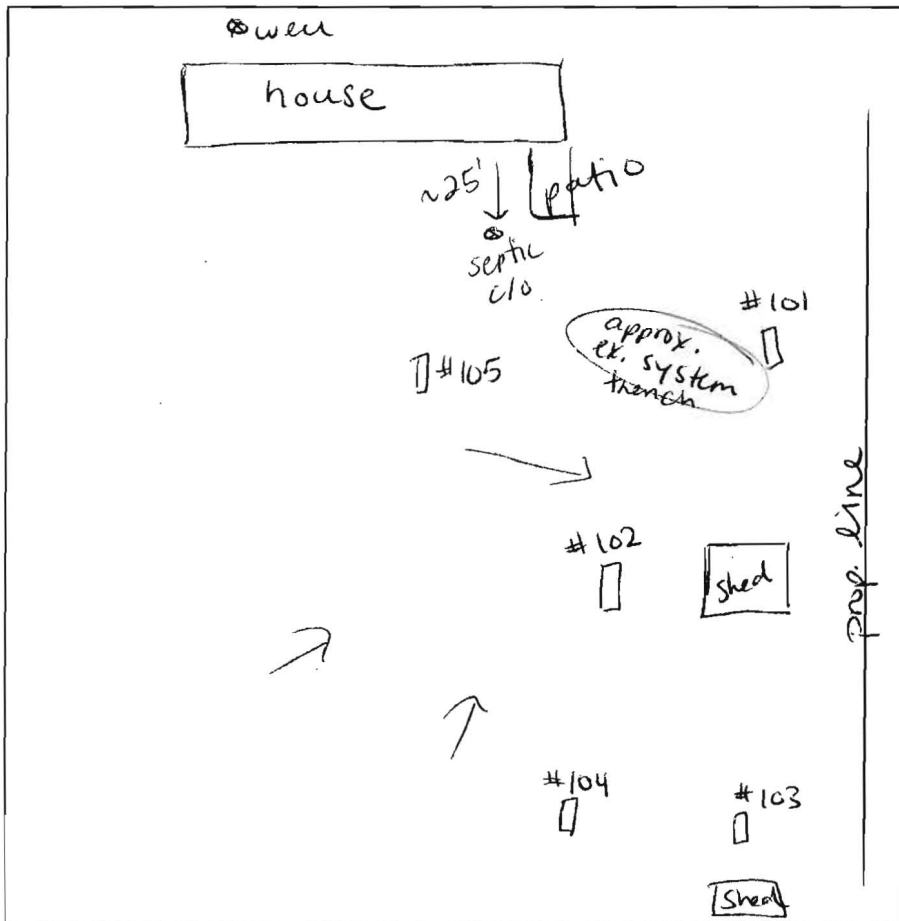
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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

Guilford Rd

AP 528859



101
 1.5' dk brn heavy l
 5.3' red brn scl 3csbk heavy
 dk brn micaceous fsl saprolite (stone/gravel @ 6')
 ↓
 brn-fsl
 11'

102
 5' brn l
 5' org brn scl 2csbk heavy
 8' stry brn fsl micaceous quartz cw
 ↓
 brn v fsl saprolite
 12'

103
 8' brn l
 4.5' org brn scl 2csbk 15% coarse chert
 pale brn fsl many mica
 ↓
 10' saprolite fsl
 11.5'

104
 1' brn l
 4.8' org brn scl 2csbk
 brn fsl micaceous quartz (few) stones
 ↓ quartz fsl boulders saprolite @ 10' (similar to 102+103)
 12'

105
 1' brn l
 tan brn 2csbk scl few quartz boulders 2% coarse chert
 5.5'
 brn scl many mica saprolite
 ↓ HB
 11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4-24-08	101	11'	visual				P
	102	5.5' / 12'	9:53	9:59	10:10	11	P
	103	5.6' / 11.5'	10:12	10:20	10:31	11	P
	104	12'	visual				P
	105	6.2' / 11'	10:40	10:49	10:09	20	P

REMARKS corners of easement staked, holes consistent
 SANITARIAN HS BACKHOE _____ OTHERS Mark
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 14 SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH _____ MAX. BOT DEPTH 7 EFFECTIVE S/W 1.5'-2'



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 25th, 2008

Mark Redman
7220 Guilford Rd.
Clarksville, MD 21029

**Re: Percolation Test Results
#A528859
7220 Guilford Rd.**

Dear Mr. Redman,

Percolation testing was conducted at the above referenced property on April 24th, 2008 in response to a future building permit application for a proposed addition consisting of 1 bedroom. Results indicate sufficient septic area and satisfactory soil conditions for onsite wastewater disposal. A total of five test holes were dug, and all passed. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Acceptable ranges for recommended inlet and trench bottom depths, and usable sidewall have been provided, and may be confirmed at the time of a system upgrade.

Prior to building permit approval the existing septic system must be upgraded to accommodate the increase in bedrooms. Also note, upon approval of the new septic area and upgrade of the existing septic system the existing shed must not encroach within this area.

Further review is contingent upon submission of a Percolation Certification Plan by a registered engineer/surveyor. This plan will be reviewed for its completeness and compliance with state and local code. This plan should show the following:

- 1) The date the plan was drawn, the plan scale (1:30 – 1:100), a scaled vicinity map and if not a Preliminary Plan, the PC # (percolation test fee receipt number, referenced in the HCHD correspondence).
- 2) Name, address and telephone number of each owner, developer and plan author.
- 3) Health Officer Signature block conditioned with "Approved for private water and private sewerage systems".
- 4) Existing and proposed property lines.
- 5) Existing house site, including building restriction lines as determined by other County agencies, and driveway location
- 6) Actual surveyed locations and elevations of all excavated test holes.
- 7) Legend symbols to distinguish holes, which passed, failed, or were held for re-review (e.g., for wet season).
- 8) Proposed min. 10,000 ft. SDA. (if lot was created after March 1972)
- 9) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information.

NOTES:

1. TOPOGRAPHY SHOWN WITHIN THE LOT ITSELF WAS FIELD RUN BY SHANABERGER & LANE IN MARCH 2008. TOPOGRAPHY SHOWN OUTSIDE THE LOT IS FROM HOWARD COUNTY TOPO MAPS.

2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA 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 DISPOSAL AREA.

3. DESIGNATES EXISTING WELL LOCATION

DESIGNATES EXISTING HOUSE LOCATION

DESIGNATES FIELD-RUN CONTOURS

DESIGNATES CONTOURS DERIVED FROM HOWARD COUNTY TOPO MAPS

DESIGNATES SOIL TYPE BOUNDARY

DESIGNATES EXISTING SEPTIC TANK

DESIGNATES EXISTING TRENCH (PER PERMIT #P32432 DATED 01/24/83, #P42558 DATED 9/16/88, AND #P45938 DATED 4/04/90)

DESIGNATES PROPOSED SDA

DESIGNATES EXISTING APPROVED (PASSED) PERC TEST

4. THE LOT SHOWN HEREON IS EXEMPT FROM THE MINIMUM OWNERSHIP AND LOT AREA REQUIREMENTS BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT BECAUSE IT WAS CREATED BEFORE 1985

5. ALL VISIBLE AND PROPOSED EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.

6. SOIL TYPES: GLENELG LOAM (GgB)
MANOR LOAM (Mac)

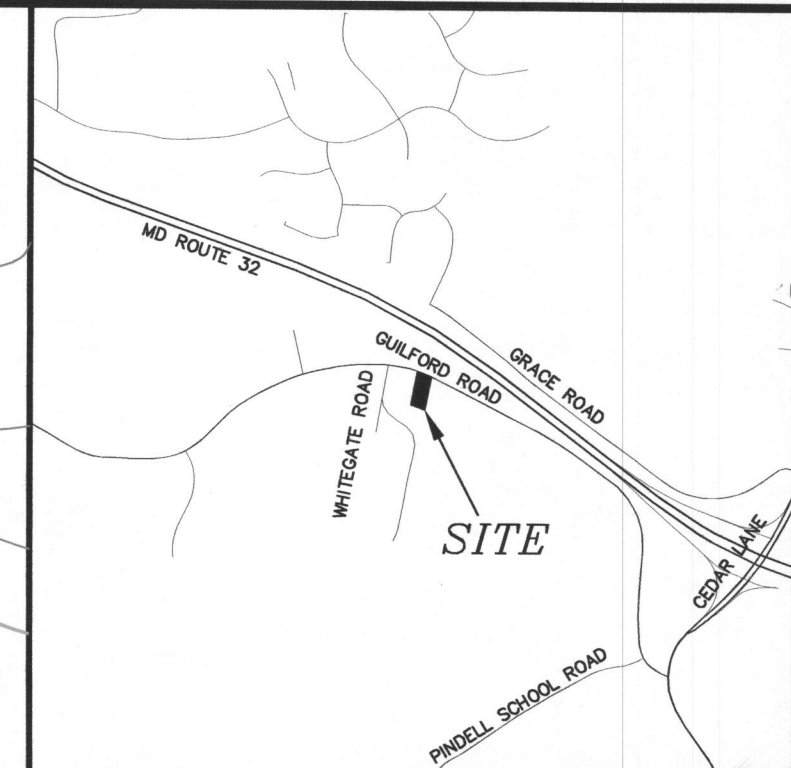
7. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.

8. EXISTING SEPTIC SYSTEM WILL BE UPGRADED TO ACCOMMODATE AN INCREASE OF ONE (1) BEDROOM PRIOR TO BUILDING PERMIT APPROVAL.

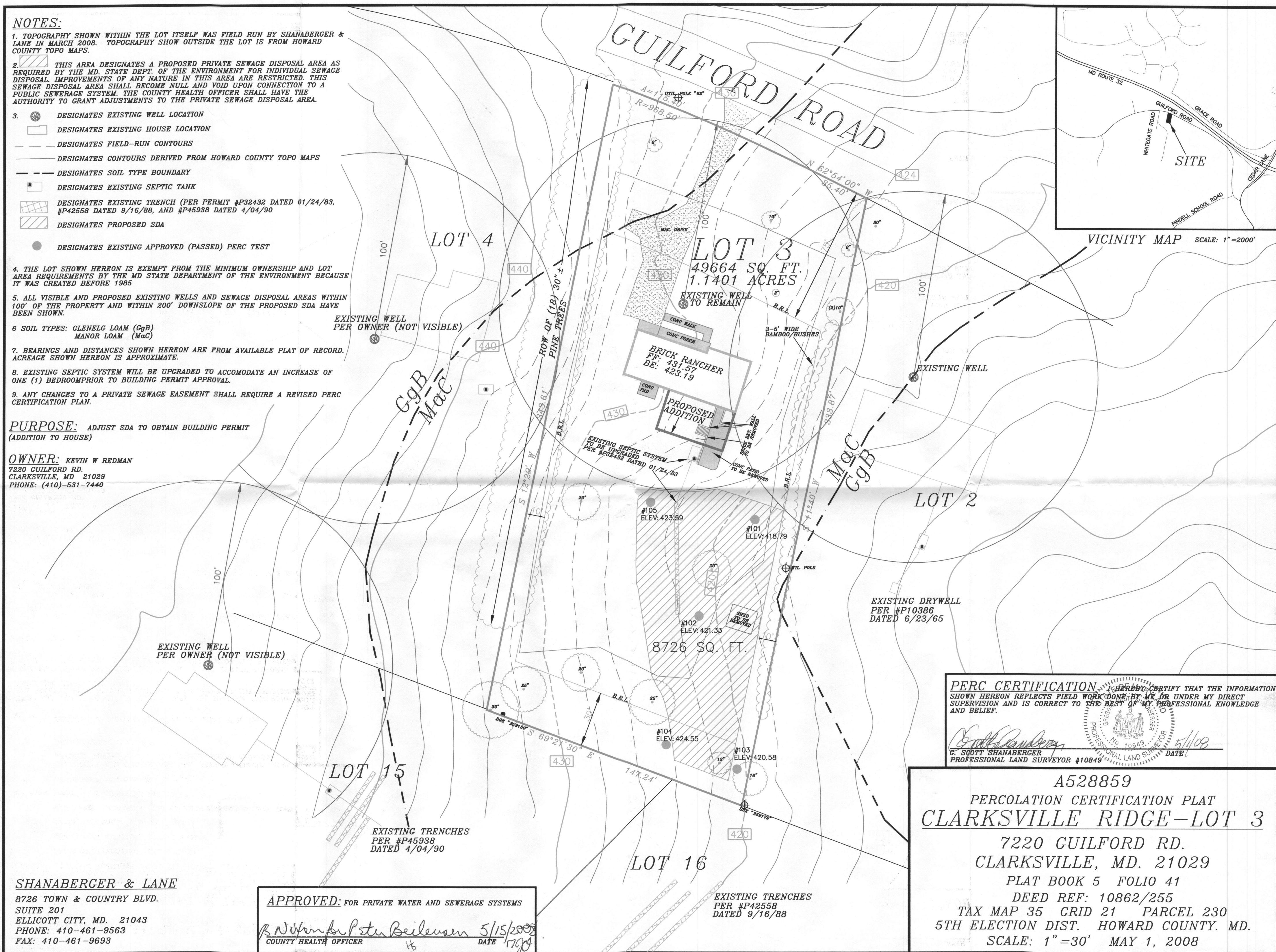
9. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

PURPOSE: ADJUST SDA TO OBTAIN BUILDING PERMIT (ADDITION TO HOUSE)

OWNER: KEVIN W REDMAN
7220 GUILFORD RD.
CLARKSVILLE, MD 21029
PHONE: (410)-531-7440



VICINITY MAP SCALE: 1"=2000'



PERC CERTIFICATION
I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

G. Scott Shanaberger
G. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849 DATE: 5/1/08

A528859
PERCOLATION CERTIFICATION PLAT
CLARKSVILLE RIDGE—LOT 3
7220 GUILFORD RD.
CLARKSVILLE, MD. 21029
PLAT BOOK 5 FOLIO 41
DEED REF: 10862/255
TAX MAP 35 GRID 21 PARCEL 230
5TH ELECTION DIST. HOWARD COUNTY. MD.
SCALE: 1"=30' MAY 1, 2008

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

Peter Beilensen
COUNTY HEALTH OFFICER DATE: 5/15/08

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

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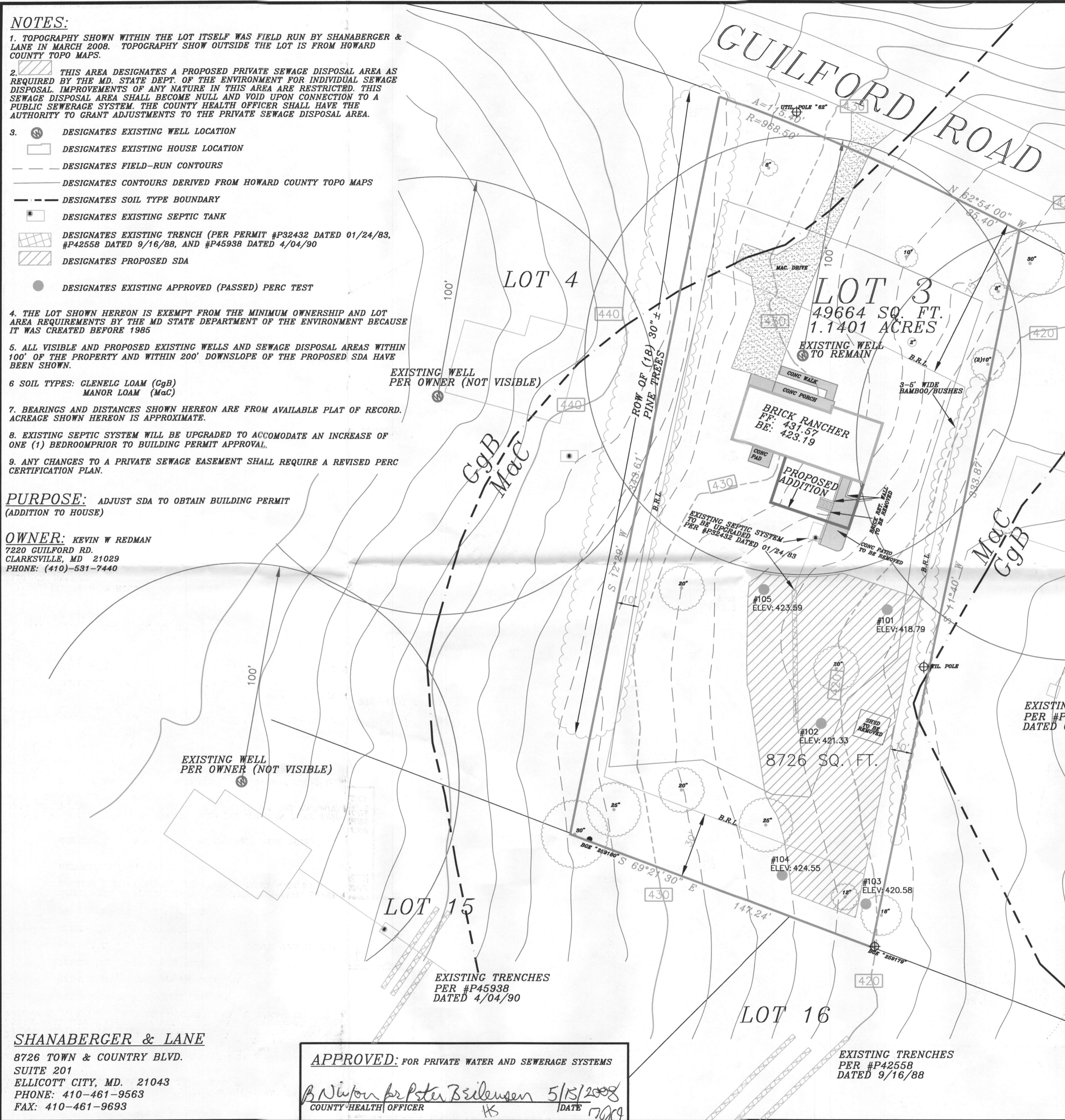
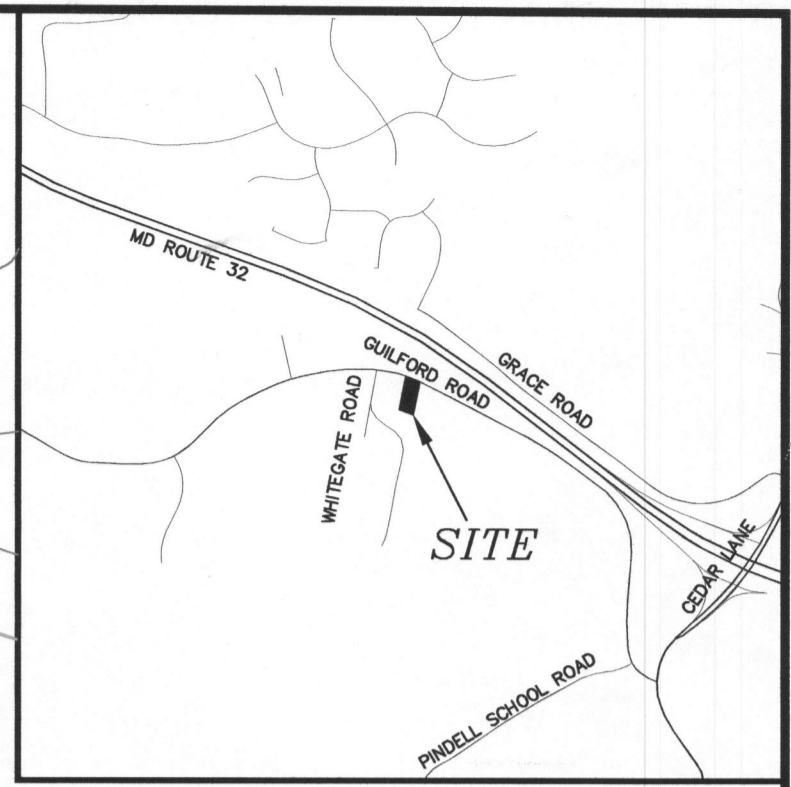
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