

Bureau of Environmental Health  
 7178 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

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/5/13

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 546208

INSTALLATION APPROVAL DATE: 1/2/2014

**PERMIT  
 MINOR REPAIR**

A \_\_\_\_\_

PROPERTY ADDRESS: 7220 Guilford Road

SUBDIVISION: Clarksville Ridge LOT: 3 TAX ID: 05-353521

CONTRACTOR: Rowan Landscaping EMAIL: tim@rowanlandscape.com

CONTRACTOR ADDRESS: 16643 Frederick Rd Mount Airy 21771 PHONE: 443-398-0887

PROPERTY OWNER: Kevin Redman EMAIL: \_\_\_\_\_

OWNER ADDRESS: 7220 Guilford Road, Clarksville, MD 21029 PHONE: 410-531-5033

NUMBER OF BEDROOMS: n/a HOUSE SQ. FT. n/a

LOCATION:	
NOTES:	

ISSUED BY: \_\_\_\_\_ ISSUE DATE: \_\_\_\_\_ EXPIRATION DATE: 12/5/14

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING  
 NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.  
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.**

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH \_\_\_\_\_ INLET \_\_\_\_\_ BOTTOM \_\_\_\_\_

NUMBER OF TRENCHES \_\_\_\_\_

TOTAL LENGTH \_\_\_\_\_

ABSORPTION AREA \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DISTRIBUTION BOX BAFFLE \_\_\_\_\_

DISTRIBUTION BOX PORT \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

PUMP/SEPTIC TANK LEVEL \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

ROAD NAME

PRE-CONSTRUCTION:

INSTALLATION: 1/2/2014 Connection made from addition to septic system. BB

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

1/2/2014

NOT TO SCALE

See As-Built  
Drawing On Separate  
Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 2' INLET 4.5' BOTTOM 8'  
NUMBER OF TRENCHES 2  
TOTAL LENGTH 130'  
ABSORPTION AREA 325  
DISTRIBUTION BOX LEVEL Levelers  
DISTRIBUTION BOX BAFFLE Yes  
DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 2000 GAL  
SEAM LOC Top  
TANK LID DEPTH 2.5'-3'  
BAFFLES Yes  
BAFFLE FILTER No  
MANHOLE LOC Front  
6" PORT LOC Rear  
WATERTIGHT TEST No  
SLOTTED Yes  
DATE ON LID 10/4/2010

~~PUMP/SEPTIC TANK LEVEL N/A~~

~~MANUFACTURER  
CAPACITY GAL  
SEAM LOC  
TANK LID DEPTH  
BAFFLES  
BAFFLE FILTER  
MANHOLE LOC  
6" PORT LOC  
WATERTIGHT TEST  
SLOTTED  
DATE ON LID~~

PRE-CONSTRUCTION

12/2/2010 Pumped system required unless indoor plumbing can be raised. Painted out tank locations (BB) 12/3/2010 Received call from homeowner. They want to raise indoor plumbing. Will need another layout. (BB) 12/6/2010 Second layout done. (BB) 12/7/2010 Need house connection. Tank set and one trench done. (BB) 12/8/2010 Two trenches done.

INSTALLATION:

Dist. box set. (BB) 1/5/2011 House connection made. Installer made connection at end of bottom trench to the existing trench? Distribution box would have been better but this will definitely give the trench time to "rest".

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

1/5/2011

LAYOUT 12/2/11 INSP 4 12/7/11  
INSP 2 12/3/11 INSP 5 12/8/11  
INSP 3 12/6/11 INSP 6 \_\_\_\_\_

ISSUE DATE: 11-30-2010  
APPROVAL DATE: 1/5/2011

# PERMIT

P 528987  
A UPGRADE

Tax ID #  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

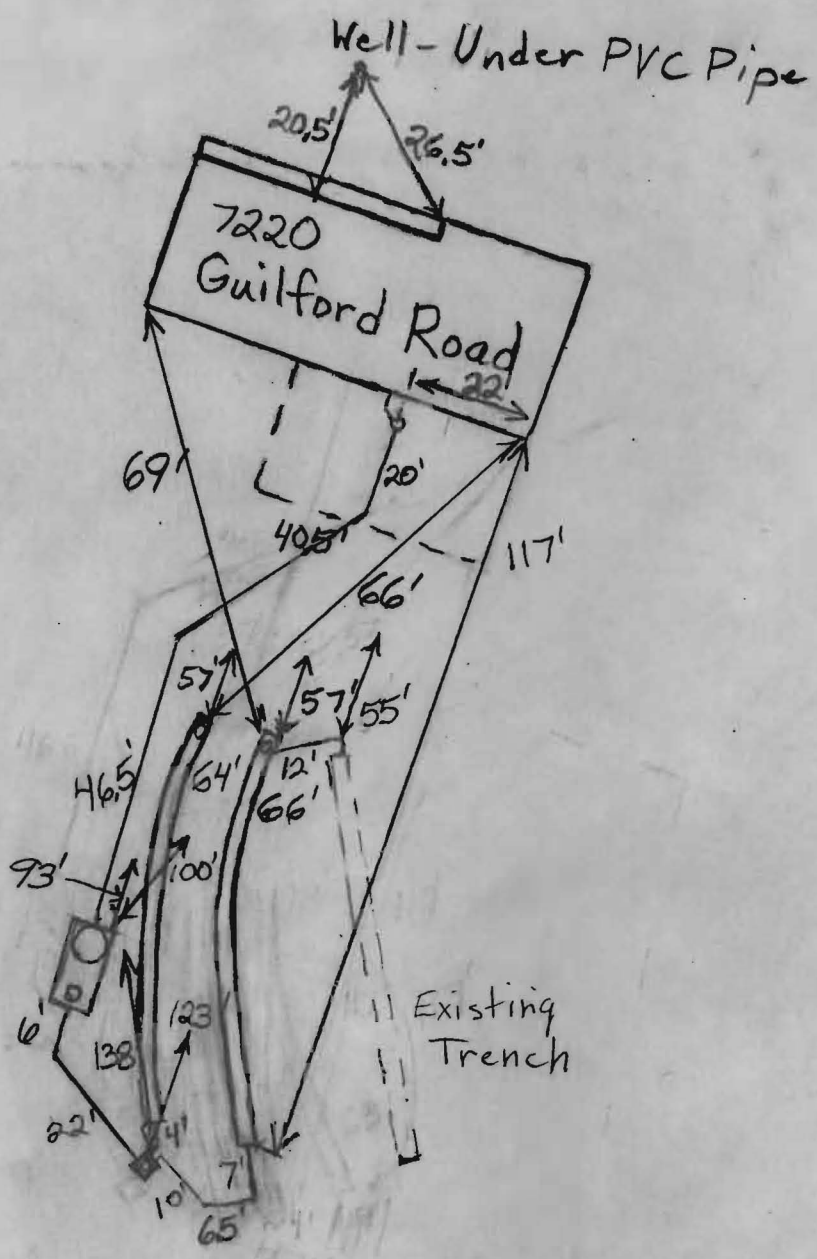
WHITWORTH EXCAVATING IS PERMITTED TO INSTALL  ALTER   
ADDRESS: \_\_\_\_\_ PHONE NUMBER: 410-531-5033  
SUBDIVISION: CLARKSVILLE RIDGE LOT NUMBER: 3  
ADDRESS: 7220 GUILFORD ROAD PROPERTY OWNER: KEVIN REDMAN  
CLARKSVILLE, MD 21229  
SEPTIC TANK CAPACITY (GALLONS): 2,000 OUTLET BAFFLE FILTER REQUIRED   
PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED   
NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8  
SQUARE FOOTAGE OF HOUSE: \_\_\_\_\_  
LINEAR FEET OF TRENCH REQUIRED: 188'

TRENCHES:	Trenches to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8 feet below grade. Effective area begins at 5.5 feet below original grade with 4.5 feet of stone below distribution pipe.
LOCATION:	Abandon septic tank. Set new septic tank 20' from proposed addition. Run 2 x 64' trenches on contour in new septic easement. Place observation pipes at ends of old and new trenches.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: HEIDI SCOTT DATE: 9/27/2010

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**



NOT TO SCALE

**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: GLENELC 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

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

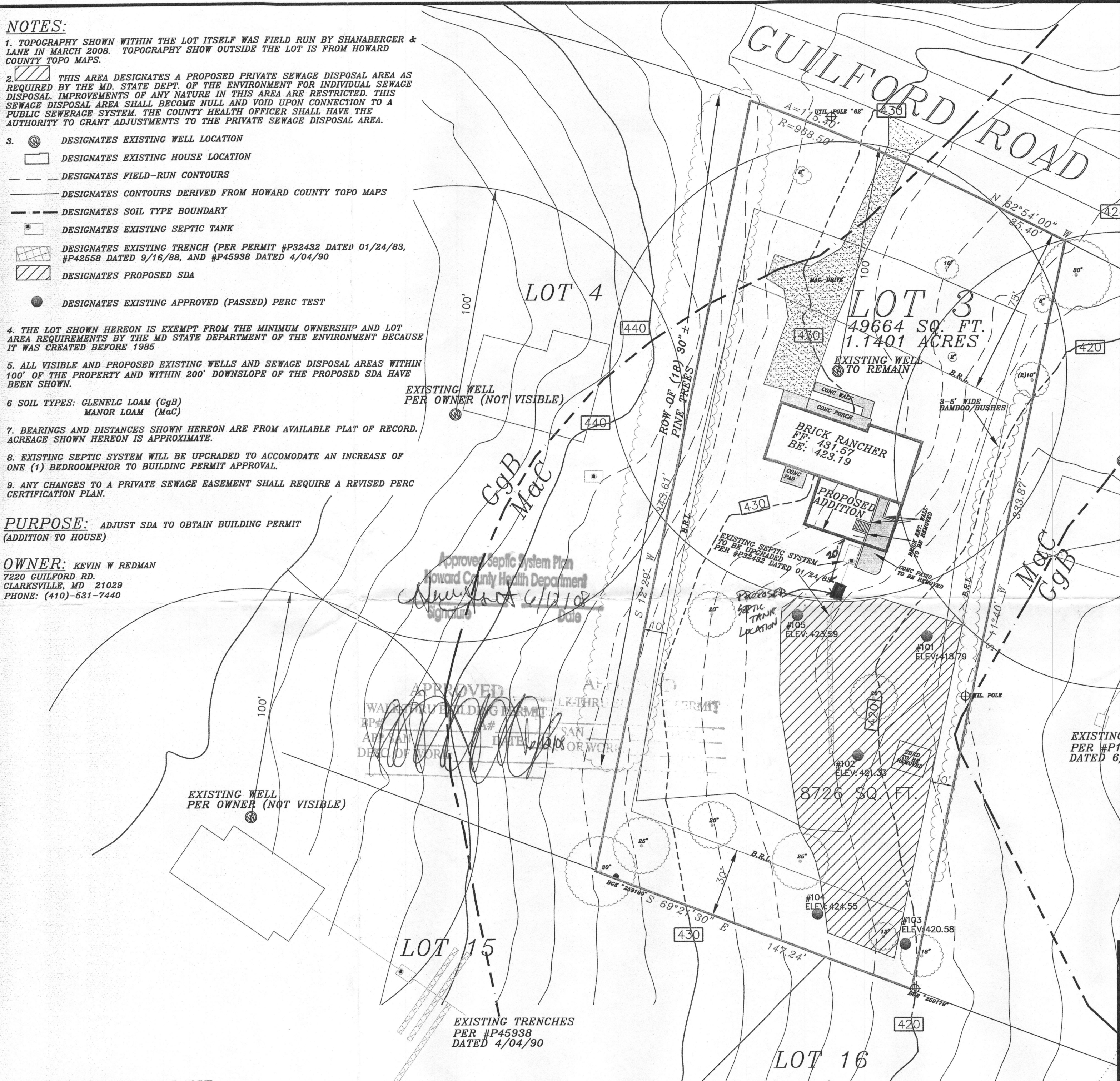
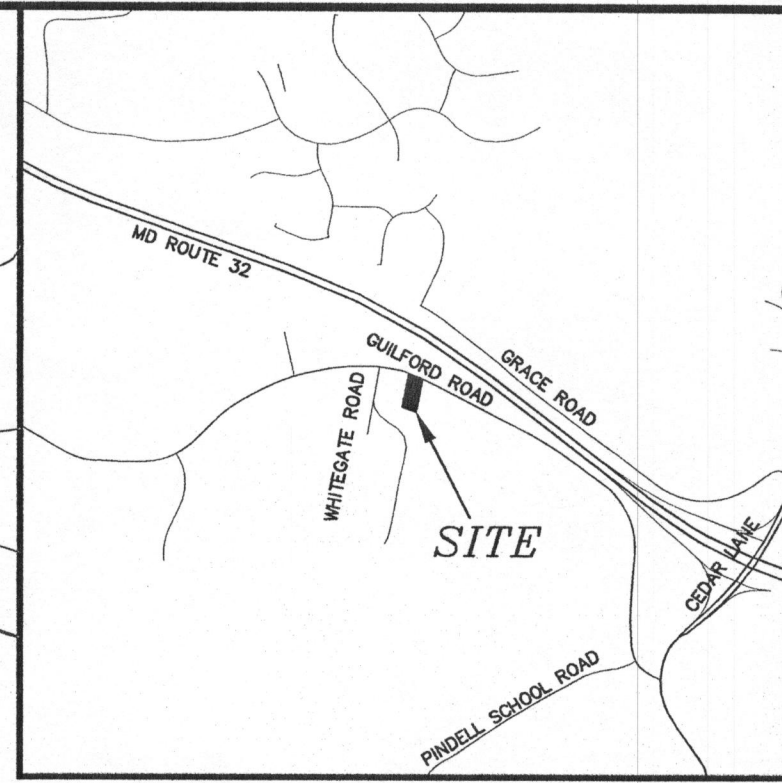
**APPROVED:** FOR PRIVATE WATER AND SEWERAGE SYSTEMS  
*B. Nelson for Peter Beilenson* 5/15/2008  
COUNTY HEALTH OFFICER DATE

**House Specifications-**  
(including proposed addition)  
4 Bedrooms -  
(1 proposed, 3 existing)

**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.  
*Gregory Shanaberger*  
G. SCOTT SHANABERGER  
PROFESSIONAL LAND SURVEYOR #10849

A528859  
**Proposed Septic Relocation Plan**  
**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

7220 Guilford Rd  
Perc  
Shanaberger & Lane  
5/16/08 (3)



TING HOUSE LOCATION  
 D-RUN CONTOURS  
 TOURS DERIVED FROM HOWARD COUNTY TOPO MAPS  
 TYPE BOUNDARY  
 TING SEPTIC TANK  
 TING TRENCH (PER PERMIT #P32432 DATED 01/24/83,  
 /16/88, AND #P45938 DATED 4/04/90  
 OUSED SDA

TING APPROVED (PASSED) PERC TEST  
 S EXEMPT FROM THE MINIMUM OWNERSHIP AND LOT  
 MD STATE DEPARTMENT OF THE ENVIRONMENT BECAUSE

) EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN  
 WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE

(CgB)  
 (MaC)  
 SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD.  
 PPROXIMATE.

ILL BE UPGRADED TO ACCOMODATE AN INCREASE OF  
 ILDING PERMIT APPROVAL.

SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC

TO OBTAIN BUILDING PERMIT

Approved Septic System Plan  
 Howard County Health Department  
 Signature: *[Signature]*  
 Date: 6/12/08

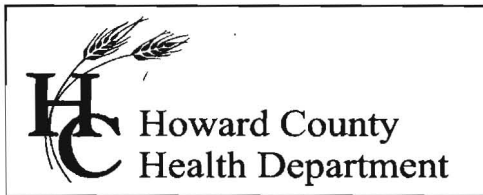
APPROVED  
 WATER THROUGH BUILDING PERMIT  
 APP SAN / DATE 2/2/08  
 DEC. OF WORK / OR WORK

EXISTING WELL  
 PER OWNER (NOT VISIBLE)

EXISTING DRYWELL  
 PER #P10386  
 DATED 6/23/65

**PERC CERTIFICATE**  
 SHOWN HEREON REFLECTS FIELD





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](http://www.hchealth.org)

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

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**MEMORANDUM**

**TO:** Scott Shanaberger  
Shanaberger & Lane

**FROM:** Heidi Scott  
Well and Septic Program  
Development Coordination Section

**RE:** Percolation Certification Plan  
7220 Guilford Road

**DATE:** April 25<sup>th</sup>, 2008

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The following are further comments that apply to the above referenced plan.

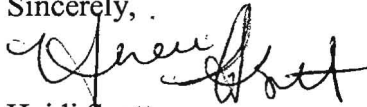
- Revise the existing septic area to reflect the most recently installed system per as-built drawing dated 1-24-83 (enclosed)
- Add a note stating prior to building permit approval the existing septic system will be upgrade to accommodate the increase in number of bedrooms
- Label the existing shed as “to be removed” or if it can be moved as “removable”

Cc:  
File

- 10) Existing structures, wells, septic systems and sewage easements. Description of use and intent designated for each item, e.g. 'to remain' or 'remove'.
- 11) Existing well location
- 12) Identification of streams, ponds, wetlands, floodplains, 25% + slopes, soil types and soil type boundaries.
- 13) A note stating that all existing wells and septic systems within 100 feet of property boundaries have been shown.
- 14) Professional seal or signed statement that "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."
- 15) MDE sewage easement statement with appropriate shading to match that of proposed SDA(s).
- 16) A note stating all existing and proposed wells, septic systems and sewage disposal systems located within 200 feet down gradient of existing or proposed septic systems and sewage disposal systems have been shown.
- 17) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 18) If adjustment of previously approved SDA, show area gained, area lost, and final SDA; calculate square footage for each; and shade any area to be abandoned differently than any new SDA to be established.

If you have any questions regarding this matter, please contact me by calling (410) 313-6287.

Sincerely, .



Heidi Scott  
Well & Septic Program  
Development Coordination System

Enclosures

Cc:

File

Scott Shanaberger; Shanaberger & Lane (via fax)