

PUB. SEWER STATUS VERIFIED BY \_\_\_\_\_

ISSUE DATE: 08/06/07

# MINOR REPAIR PERMIT

P 527285

APPROVAL DATE: 8/10/07 *(KW)*

A 512673-A

8/10/07 *(KW)*

Tax ID # 05-440408

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

Fogles Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: Harwood Owings Property LOT NUMBER: 7

ADDRESS: 6810 Green Hollow Way PROPERTY OWNER: Dale Thompson Bldrs

SEPTIC TANK CAPACITY (GALLONS): \_\_\_\_\_

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_

NUMBER OF BEDROOMS: \_\_\_\_\_

SQUARE FEET PER BEDROOM: \_\_\_\_\_

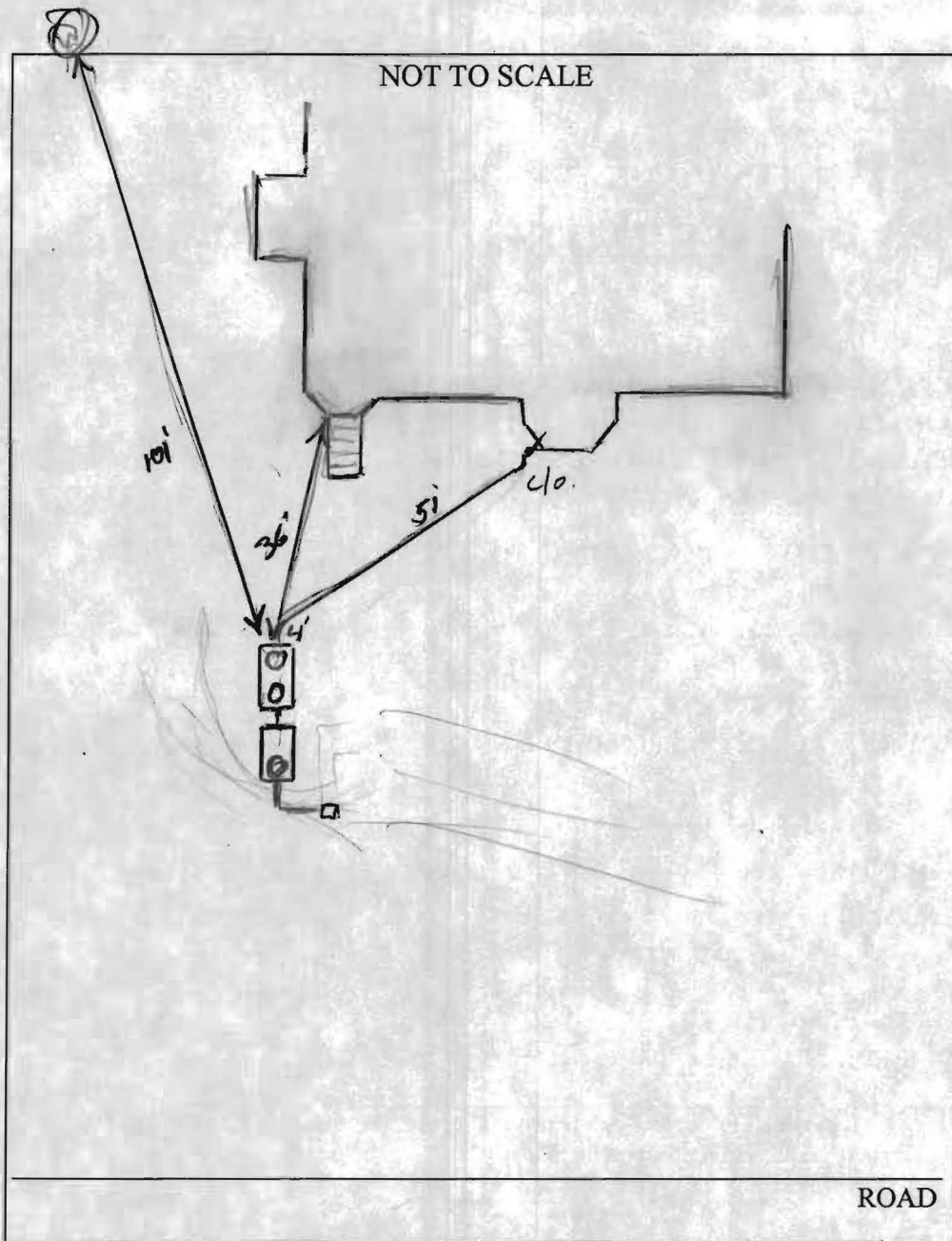
LINEAR FEET OF TRENCH REQUIRED: \_\_\_\_\_

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	
PURPOSE:	In support of a building permit for a patio, relocate both the septic tank and the pump tank. Call for inspection when ground is opened so sanitarian can recommend repair.

PLANS APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

- 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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**



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 1 LEVEL _____	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SEPTIC TANK 2 LEVEL _____	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 8/9/07 Tanks to be relocated further away from house, 100' from ex well. New S.T. hole dig. no tanks moved. (KW)

8/10/07 Tanks relocated 36' from house. Pump tanks very deep. Final grade to be cut down to manhole cover to no more than 40" on Tanks. OK to backfill. (KW)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 8/10/07

LAYOUT 3/14/07 (KW) INSP 4 \_\_\_\_\_  
INSP 2 3/14/07 (KW) INSP 5 \_\_\_\_\_  
INSP 3 3/15/07 (KW) INSP 6 \_\_\_\_\_

ISSUE DATE: 2/9/07

P 526231

APPROVAL DATE: 10/29/07

A 512673-A

# PERMIT

TAX ID # 05-440408

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: Harwood Owings Property LOT NUMBER: 7

ADDRESS: 6810 Green Hollow Way PROPERTY OWNER: Dale Thompson Builders

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 175

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.5 feet of stone below distribution pipe.
LOCATION:	
NOTES:	No cleanouts necessary on line after pump tank

PLANS APPROVED: Ashley Trump DATE: 09/08/06

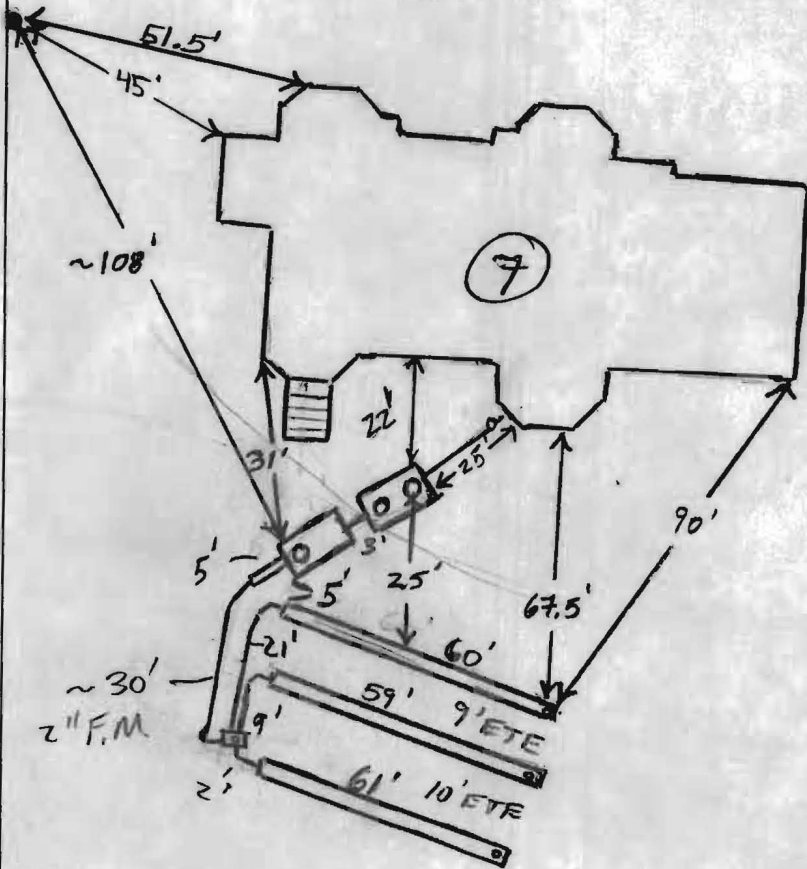
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

**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**

Green Hollow Way

NOT TO SCALE

HO-94-3673



ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		180'
ABSORPTION AREA		540 + SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

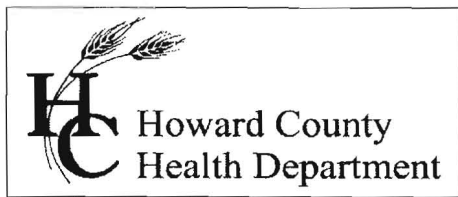
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
Babylon CAPACITY	1500 GAL
2-corp. SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	F/R.
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	Yes
Babylon CAPACITY	1500 GAL
Pump Tank SEAM LOC	Top
TANK LID DEPTH	3.5'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Rear
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 3/14/07 Contractor to set D box @ highest elevation @ start of top trench. Install 3 x 60' trenches

INSTALLATION on contour. running towards middle of SRA. Tanks are not to be set per plan. (Plan shows Tanks in well radius) Keep tanks 20' from dwelling. May need to relocate house connection from plan. Contact Health Dept prior to new Tanks - set locations (KW) 3/14/07 Bottom 2 trenches complete. D box installed per installation. No Tanks set (KW) 3/15/07 Both Tanks installed per installation. All baffles installed. 3rd trench installed. No House connection. Need P/A Test.

FINAL INSPECTOR K. Way DATE OF APPROVAL 10/22/07

OK to Backfill (KW) 10/22/07 P/A test complete. (KW)



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

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

May 24, 2010

Rukhshana Rafiq  
Naseem N. Rafiq  
6810 Green Hollow Way  
Highland, Maryland 20777-9523

**RE: Compromised Septic Reserve Area**

6810 Green Hollow Way  
Highland, Maryland 20777-9523  
Tax Map 40, Grid 4, Parcel 44, Lot 7

Dear Mr. & Mrs. Rafiq:

You may submit a request for variance to allow a gazebo to remain 'as built' on the septic reserve area on your property at 6810 Green Hollow Way. An inspection by an Environmental Sanitarian confirmed that the gazebo is placed over a septic system distribution trench, therefore consideration of the variance request is conditioned.

For consideration of a variance request, you must have a video analysis completed of the distribution trench on which the gazebo is placed. The video analysis must conclude that the distribution pipe under the gazebo is neither 'bowed' nor broken. The only septic contractors known to the Health Department to conduct this type of analysis are Hatfield's Excavation and Fogle's Septic Clean. Other contractors, such as plumbers, may also provide this type of service.

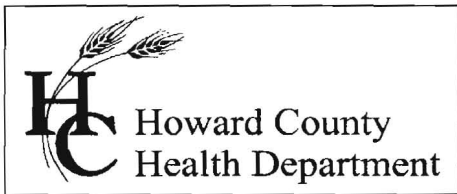
When you have the contractor's report, send a copy with your variance request to Mike Davis at the Bureau of Environmental Health, 7178 Columbia Gateway Drive, Columbia, MD 21046. Your request to allow both the gazebo and the septic system to remain 'as-built' may be simply stated; no more than 2 or 3 paragraphs are needed. You must identify yourself as the property owner and sign your request.

If you have any questions regarding this letter, please contact me at the Bureau of Environmental Health at 410-313-1771.

Sincerely,

Robert Bricker, RS/REHS  
Bureau of Environmental Health  
Well and Septic Program

Copy: File



Bureau of Environmental Health  
7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
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website: [www.hchealth.org](http://www.hchealth.org)

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

April 22, 2010

Rukhshana Rafiq  
Naseem N. Rafiq  
6810 Green Hollow Way  
Highland, Maryland 20777-9523

RE: **Compromised Septic Reserve Area**  
6810 Green Hollow Way  
Highland, Maryland 20777-9523  
Tax Map 40, Grid 4, Parcel 44, Lot 7

Dear Mr. & Mrs. Rafiq:

On Thursday, April 15, 2010, you submitted a request for a building permit to finish a gazebo on your property at 6810 Green Hollow Way. An investigation by an Environmental Sanitarian on that same day resulted in the finding that the concrete base for the proposed gazebo is located within the area designated as the septic reserve for your property. This installation compromises the septic reserve area and is in violation of COMAR 26.04.03.03(1) - For each dwelling unit a minimum area of 10,000 square feet exclusive of buildings, easements, right-of-ways, and other permanent or physical objects, shall be provided for the subsurface disposal of sewage.

As there does not appear to be adequate land resource on your lot to adjust the septic reserve area, it seems that the only reasonable option is to remove the concrete pad without further destruction of the soil resource or disruption of wastewater distribution trenches in close proximity to the installed concrete pad. Notify the Health Department (410-313-1771) of the time that removal of the concrete pad is scheduled, so that an Environmental Sanitarian may observe the activity and confirm that the structure is removed from the septic reserve area.

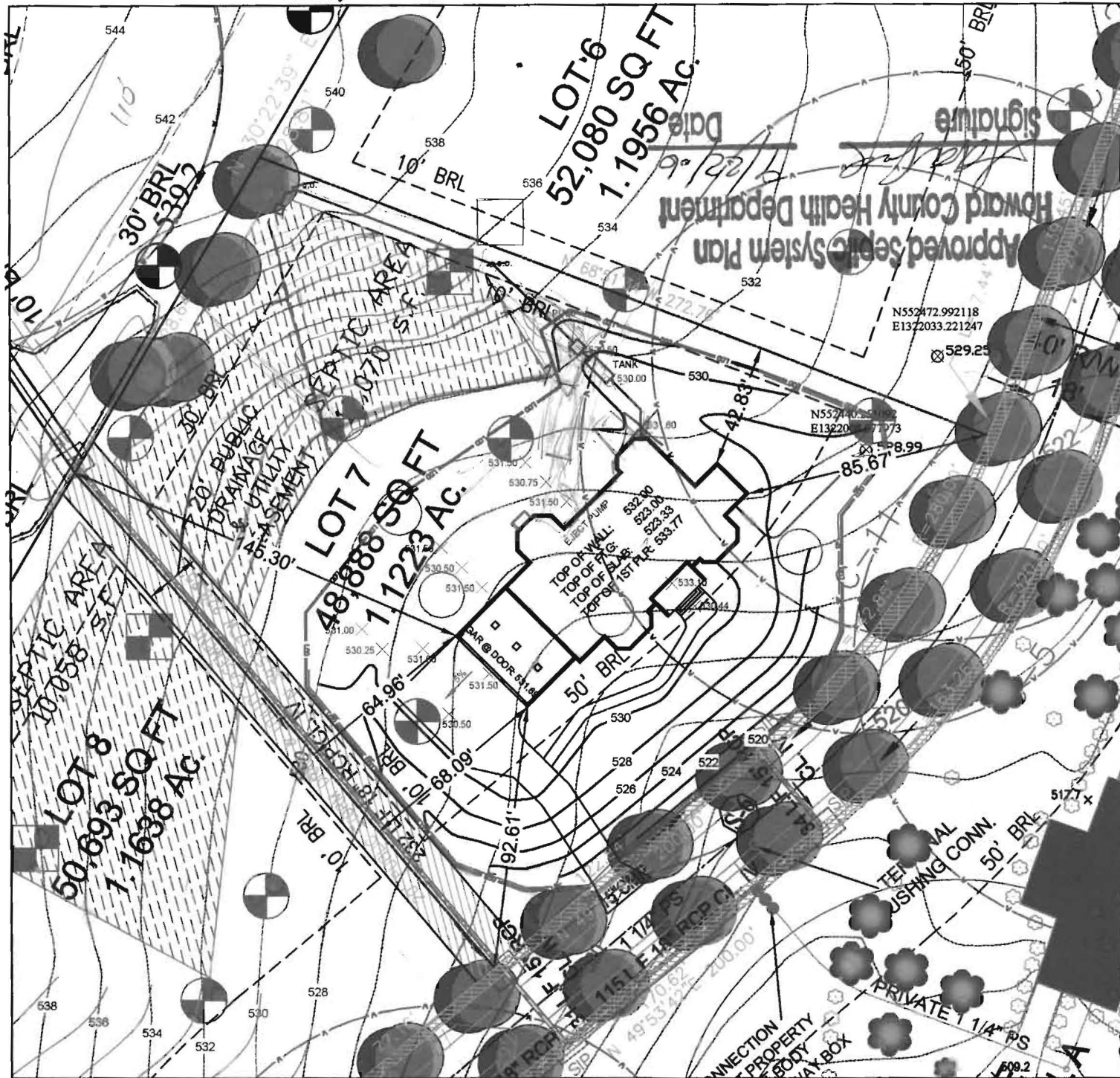
After the concrete base is removed, the Health Department may consider another proposal for the gazebo that does not encroach on the septic reserve area or the areas reserved for a potable water well.

If you have any questions regarding this letter, please contact me at the Bureau of Environmental Health at 410-313-1771.

Sincerely,

Robert Bricker, RS/REHS  
Bureau of Environmental Health  
Well and Septic Program

Enclosure: location sketch (to scale, copy)  
Copy: File

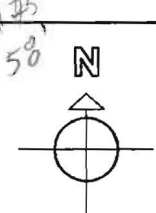


The existing well(s) shown on this plan have been field located by a Professional Land Surveyor, and is (are) accurately shown. All drilled wells and SDA's within the boundaries of this property are shown.

TAGGED WELL DATA  
 TAG NUMBER: HO-94-3873  
 NORTHING: 552440.251092  
 EASTING: 1322008.077973

PERCOLATION TEST PASSED  
 PERCOLATION TEST FAILED

TITLE:  
**PERCOLATION PLAT  
 PLOT PLAN**



OWNER/ BUILDER:  
**Dale Thompson Builders, Inc.**  
 6300 Woodside Court  
 Suite A  
 Columbia, MD 21046

DATE: 8-14-06 REV: 9-11-06  
 SCALE: 1: 50

**PROPOSED ELEVATIONS:**

TOP OF BASEMENT SLAB:	523.33
TOP OF FOUNDATION WALL:	532.00
TOP OF FIRST SUBFLOOR:	533.77
INVERT OUT OF HOUSE:	530.00
INVERT INTO TANK:	528.80
INVERT OUT OF TANK:	528.30
INVERT INTO PUMP:	527.85
INVERT OUT OF PUMP:	538.00
INVERT INTO DISTRIBUTION BOX:	538.00
INVERT INTO TRENCHES:	535.00
GRADE AT HOUSE INVERT:	531.60
GRADE AT SEPTIC TANK:	530.00
GRADE AT PUMP:	530.50
GRADE AT DISTRIBUTION BOX:	538.00
GRADE AT TRENCHES:	538.00

PROJECT NAME  
 SINGLE-FAMILY DWELLING  
 HIGHLAND OVERLOOK  
 LOT 7  
 FULTON, HOWARD COUNTY  
 MARYLAND

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

\_\_\_\_\_  
 Penny E. Borenstein, M.D., M.P.H., HOWARD COUNTY HEALTH OFFICER

\_\_\_\_\_  
 DATE

PAVING SPECIFICATIONS:  
 2" ASPHALT OVER 4" CR-6 OR  
 2.5" ASPHALT OVER 1.5" OVERLAY

Signature

Date

**Howard County Health Department  
Abbreviated Sewer System Plan**

RECEIVED  
HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH

2006 SEP 14 AM 8:30

MD. STATE GRID MERIDIAN

Wall Check

OK

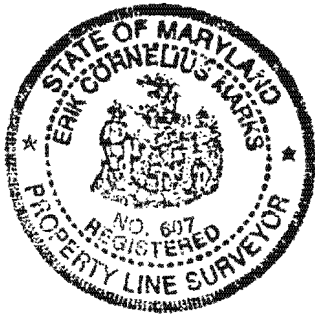
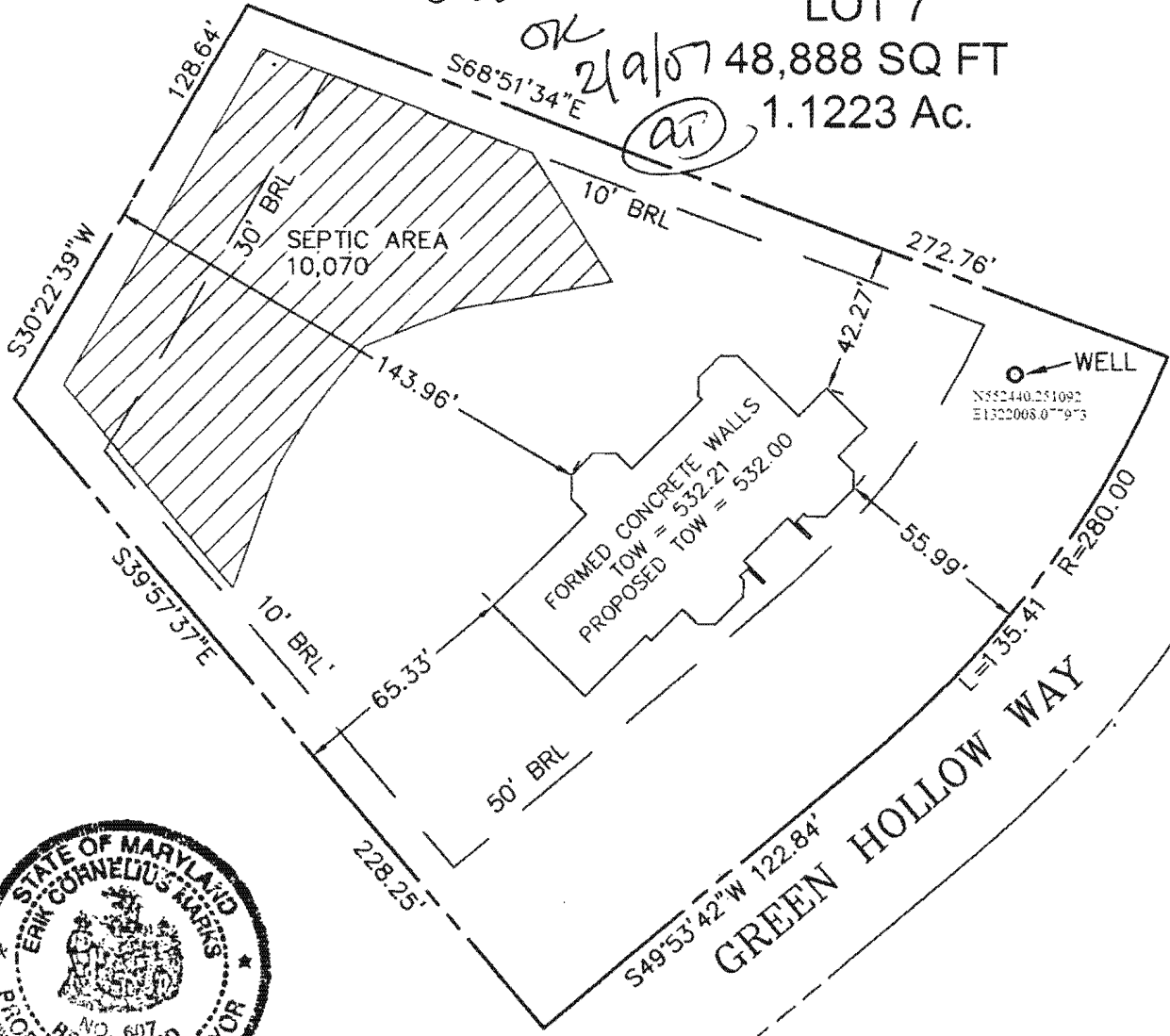
2/9/07

(at)

LOT 7

48,888 SQ FT

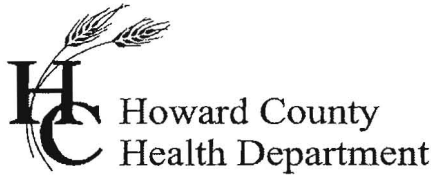
1.1223 Ac.



The existing well(s) shown on this plan have been field located by a Professional Land Surveyor, and is (are) accurately shown. All drilled wells and SDA's within the boundaries of this property are shown.

TOP OF WALL ELEVATION 532.21'

TITLE <b>WALL CHECK</b>		<b>MARKS &amp; ASSOCIATES L.L.C.</b> ENGINEERING - SURVEYING - LAND PLANNING 4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND TELEPHONE (410)747-8738 FAX (410)747-8739
DATE: 10-24-06 SCALE: 1:50		I HEREBY CERTIFY, THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.  <b>ERIK C. MARKS R.P.L.S. #607</b>
PROJECT NAME: SINGLE-FAMILY DWELLING HIGHLAND OVERLOOK LOT 7 FULTON - HOWARD COUNTY MARYLAND	OWNER/BUILDER: Dale Thompson Builders, Inc. 6300 Woodside Court Suite A Columbia, MD 21046	



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia MD 21046  
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website: [www.hchealth.org](http://www.hchealth.org)

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

June 8, 2010

Rukhshana Rafiq  
6810 Green Hollow Way  
Highland, MD 20777

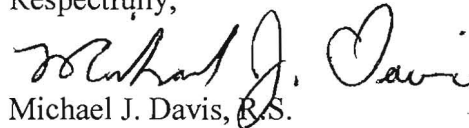
RE: **Variance Approval**  
6810 Green Hollow Way  
Highland, MD 20777

Dear Mr. & Mrs. Rafiq,

The Department of Health received your variance request dated May 24, 2010 for the above referenced property. The Health Department has approved your waiver request to allow the gazebo to remain constructed over the existing drainfields. The video of the existing drainfield piping has been reviewed and appears to be unaffected by the gazbo. Additionally, the area available for future on-site sewage disposal has not been affected by the gazebo.

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

cc: File

443-864-7024

RE: Bureau of Environmental Health  
7178 Gateway Drive Columbia, Md 21046

6/4/10  
mgd  
Variance  
Approval

Dear Mr. Mike Davis at Bureau of Environmental health:

I Naseem and my wife Rukhsana Rafiq are the property owners of 6810 Green Hollow way Highland, Md 20777. I have a request for variance to allow the gazebo to remain "as built" on the septic reserve area on my property. Even though, the gazebo is built on top of the trench, I did as was told and Fogles septic clean Company performed the video analysis on the distribution trench of which the gazebo is placed. When the Video analysis was done, the Analysis concluded that the distribution pipe under gazebo was not Bowed or broken. Therefore, I request a variance for my gazebo to remain as built.

Also with this letter, I am submitting you the video analysis done by the Contractor Fogles. I hope that you accept my request for my gazebo to remain as built. Thank you.

Sincerely,

Naseem Rafiq  
Rukhsana Rafiq  
(homeowners)

