

LAYOUT 8/15/11 INSP 4 \_\_\_\_\_  
 INSP 2 8/16/11 INSP 5 \_\_\_\_\_  
 INSP 3 8/29/11 INSP 6 \_\_\_\_\_

ISSUE DATE: 8/15/2011

# PERMIT

P 535943

APPROVAL DATE: 8/24/11

A 521624

**Tax ID # 05-451531**  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

WTC III Plumbing & Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS: 1820 Gillis Falls Rd Woodbine, MD 21797 PHONE NUMBER: 410 489 4457

SUBDIVISION: The Oaks at Bridal Creek LOT NUMBER: 5

ADDRESS: 5034 Green Bridge Road PROPERTY OWNER: Jeff and Bhakti Harp

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8 1.2

SQUARE FOOTAGE OF HOUSE: Unkwn

LINEAR FEET OF TRENCH REQUIRED: 103' 3-5' 2x55' (KW)

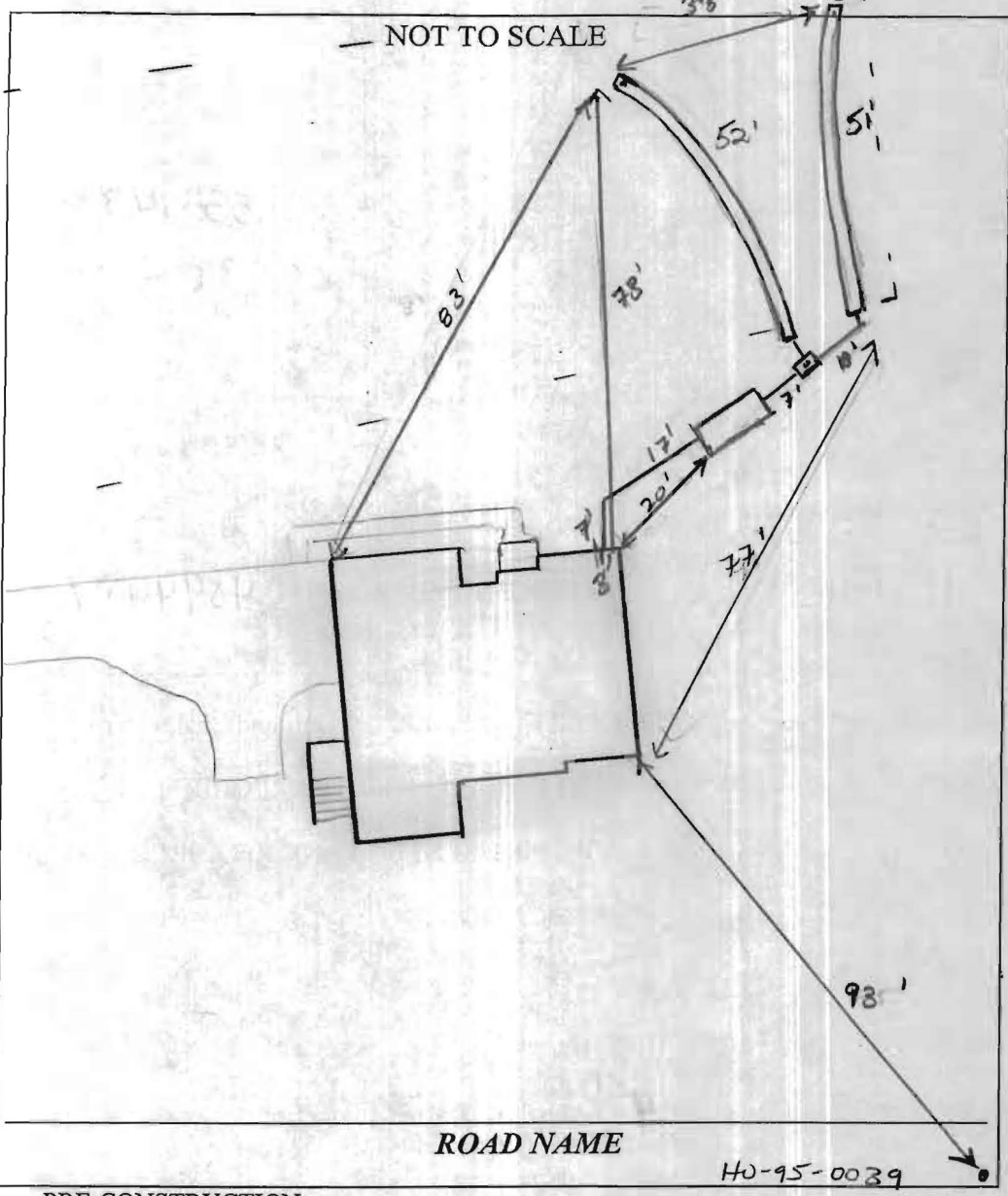
TRENCHES:	Trenches to be 3.0 feet wide. Inlet <u>3.0</u> feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement per layout inspection. Install 103 feet of trench on contour per layout inspection.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake 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: Dana Bernard DATE: 03/03/11

- 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



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		2'
TOTAL LENGTH		103'
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Leveler's
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Rebylex
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	7/15/11
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:

8/15/11 Layout cancelled per phone call w/ contractor due to heavy rains (KW)  
 8/16/11 SRA not staked. (KW)  
 8/22/11 Set tank 20' from dwelling, install 2x52' trenches as pointed out in field. start @ high corner of SRA running out across SRA towards road access. (KW)

INSTALLATION:

8/24/11 Contractor installed second (lower) trench not as directed during layout. Should be OK. Soil looks good. Plenty of SRA. OK to cover all work (KW)

FINAL INSPECTOR

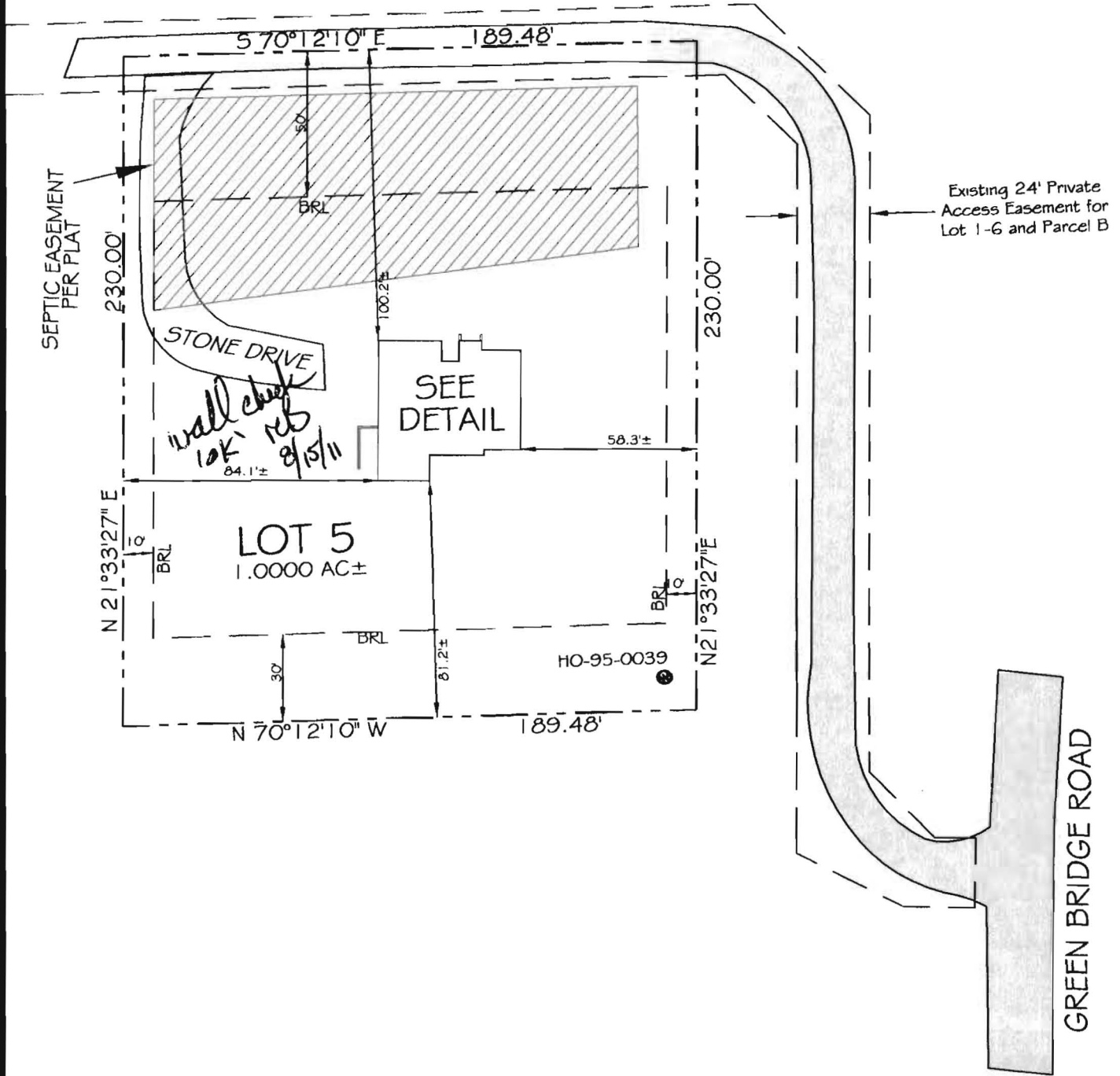
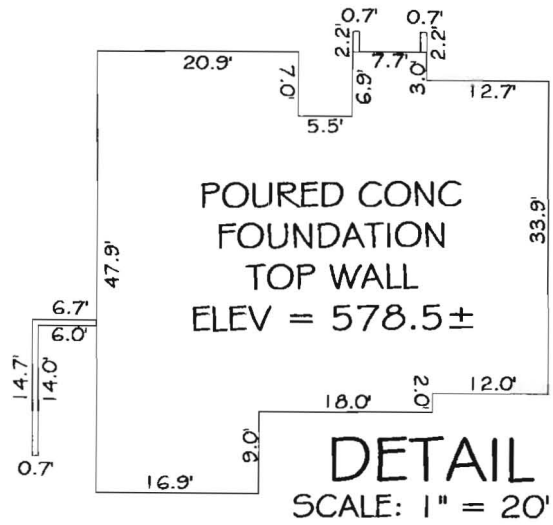
*K. Wolf*

DATE OF APPROVAL

8/24/11

**NOTES:**

1. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
2. ACCURACY OF SETBACK DIMENSIONS: 0.5'
3. ACCURACY OF BUILDING ELEVATIONS: 0.1'
4. THE PROPERTY SHOWN HEREON LIES IN ZONE 'C' AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0026 B DATED: DECEMBER 4, 1986

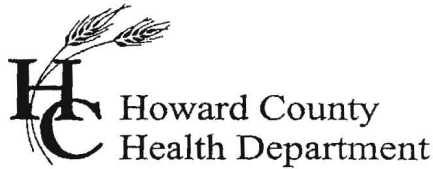


THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS. IT DOES NOT PROVIDE ACCURATE IDENTIFICATION OF PROPERTY LINES; SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR TITLE TRANSFER FINANCING, OR REFINANCING. IT WAS PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH SEC. 16.13.06.06. OF THE ANNOTATED CODE OF MD.

**SHANABERGER & LANE**  
 8726 TOWN AND COUNTRY BLVD., SUITE 20  
 ELLICOTT CITY, MD. 21043  
 (410)461-9563 FAX: (410)461-9693



**FOUNDATION LOCATION DRAWING**  
**OAKS AT BRIDLE CREEK**  
**LOT 5**  
**5034 GREEN BRIDGE ROAD**  
 PLAT: #19909  
 DEED REFERENCE: 11117/68  
 TAX MAP 28 GRID 7 PARCEL 13  
 5TH ELECTION DISTRICT HOWARD COUNTY, MD  
 SCALE: 1"=50' DATE: MAY 3, 2011  
 DATE OF LATEST FIELD WORK: 5/3/11



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

February 15, 2011

Mr. Jeff Harp  
7347 Eden Brook Dr  
Columbia, MD 21046

RE: **Waiver Approval**  
5034 Green Bridge Road  
Dayton, MD 21036

Dear Sir:

The Health Department received your waiver request via email on February 8, 2011 for the above referenced property to allow the driveway to encroach ten (10) feet into the sewage disposal area (SDA). The Health Department grants **approval** of the waiver and shall not require a revised perc certification plan based on the fact that current estimated SDA is 10,322 square feet, which is 322 square feet more than required by the *Code of Maryland Regulations*. Furthermore, if additional area is ever needed the SDA could be extended 10 feet to the east where the driveway was initially proposed on the perc certification plan signed by the Health Department on May 17, 2005. A driveway location on the building permit plot plan other than described in this letter will require additional 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, RS, REHS  
Assistant Director  
Bureau of Environmental Health

c: File

## Davis J., Michael

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**From:** Jeffrey Harp [jharp@mde.state.md.us]  
**Sent:** Tuesday, February 08, 2011 11:11 AM  
**To:** Davis J., Michael  
**Subject:** 5034 Green Bridge Road, Lot 5

Mike,  
It was a pleasure to meet you this morning.

Per our conversation I am requesting a Septic Reserve waiver to adjust the Septic Reserve Area at 5034 Green Bridge Road, Dayton, MD (Lot 5) to allow a driveway on the west property side. The current estimated Septic Reserve Area is 10,322 SF. The final Septic Reserve Area will remain more than 10,000 SF. The adjustments will include expanding the Septic Reserve Area 10 feet east by eliminating the driveway. This would allow for a 10 foot reduction of the Septic Reserve Area on the west side. Currently, there exists a 10 foot set back from the property line. The driveway will begin 8 feet from the property line and will encroach a total of 10 feet into the Septic Reserve Area. A new drawing is not required as a waiver will be sufficient.

Please let me know if you need anything else from me. Thank you very much

Tel: (H) 410-312-9728  
Tel: (C) 410-900-3622

Jeff Harp, Project Geologist  
Voluntary Cleanup Program  
Maryland Department of the Environment  
1800 Washington Blvd.  
Baltimore, Maryland 21230  
Phone (410) 537-3493  
Fax (410) 537-3472

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