

LAYOUT 2/5/13 INSP 4 \_\_\_\_\_  
 INSP 2 2/6/13 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

*DOA  
 mock DELP*

ISSUE DATE: 12-18-12

# PERMIT

P 544438

APPROVAL DATE: 2/7/13

A Upgrade

Tax ID # 02-197332

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

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: P.O. Box 519, Annapolis JCT, MD 20701 PHONE NUMBER: 410-984-0047

SUBDIVISION: \_\_\_\_\_ LOT NUMBER: \_\_\_\_\_

ADDRESS: 2376 Daniels Road PROPERTY OWNER: Heritage Realty

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

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

NUMBER OF BEDROOMS: \_\_\_\_\_ APPLICATION RATE: \_\_\_\_\_

SQUARE FOOTAGE OF HOUSE: \_\_\_\_\_ *410 350 404*

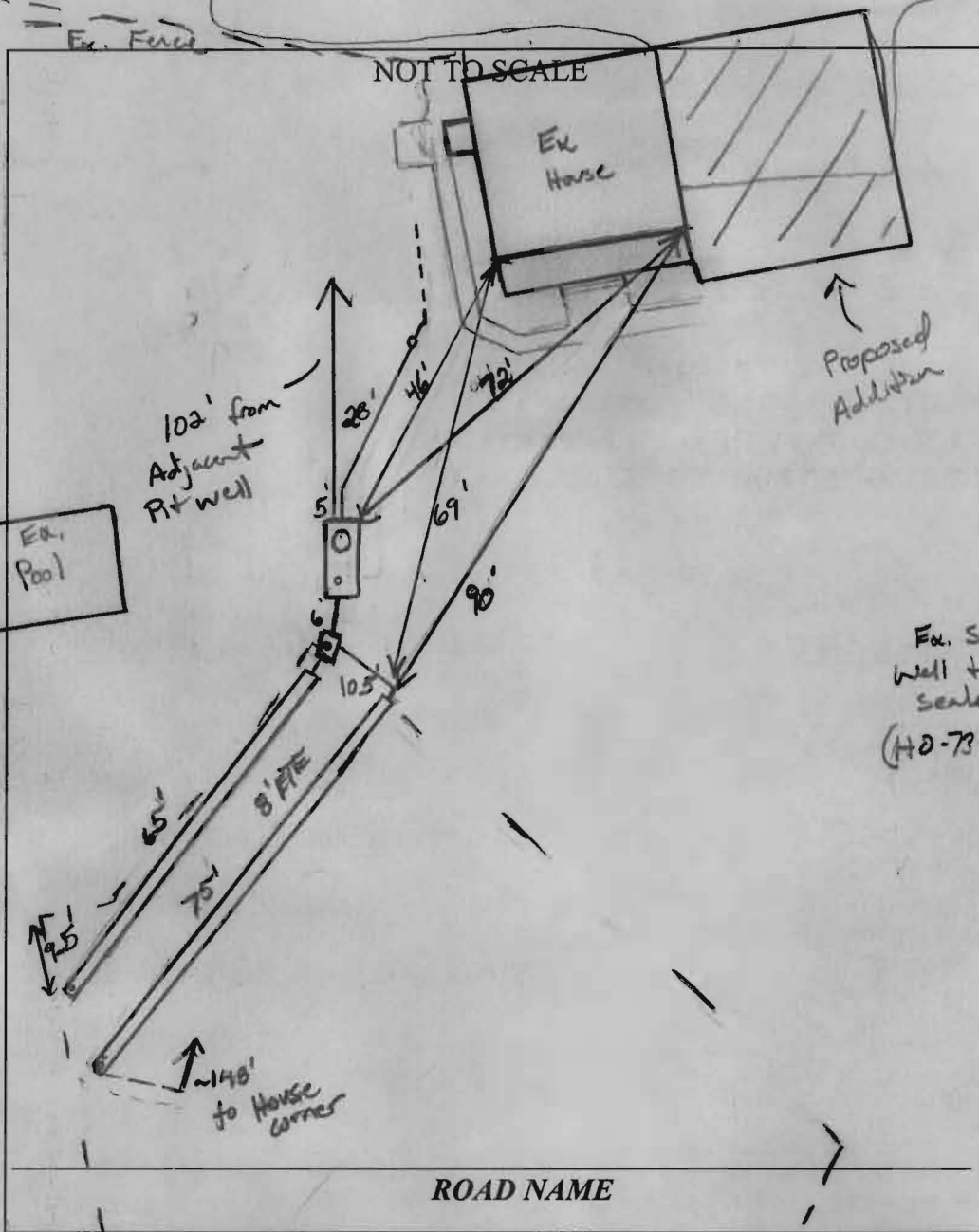
LINEAR FEET OF TRENCH REQUIRED: 170 LF *65', 75', 10' & OK*

TRENCHES:	Trenches to be 2.0 feet wide. Inlet is at 4.0 feet below original grade with 4.0 feet of stone below the distribution pipe. Bottom maximum depth is 8.0 feet below original grade. Effective sidewall begins at 6.0 feet below original grade. Maintain at least 6.0 feet of spacing between trenches.
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 3 x 50' trenches on contour. Pump and collapse ex. drywell.
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: Heidi Scott DATE: 10/01/12

- NOTE: PERMIT VOID AFTER 1 YEAR
- 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**



Ex. Well to be sealed (40)

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		140
ABSORPTION AREA		280' <sup>±</sup> SW
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	12/21/12
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	_____

Ex. Survey Well to be sealed (40-73-0809)

PRE-CONSTRUCTION:

2/5/13 Public H<sub>2</sub>O to serve existing dwelling. Two wells currently reside active on the property. These wells need to be sealed by a licensed well driller. Adjacent pit well exists on 2370 Daniels rd still active. Set new S.T. 100' away from this well. Set Distribution Box @ top high corner of approved S.R.I., install an upper 65' trench and a 75' trench just below that.

INSTALLATION: 2/6/13 Tank hole dug. Ex. S.T. pumped and collapsed. 2/7/13 Trenches complete. Ex. Drywell pumped and collapsed. Sewer line marked above grade for water line. D box leveled. OK to cover all work. Good soil started @ 4'-4.5' below grade. Location of water line unknown @ this time - to be fixed in to addition. (KUN)

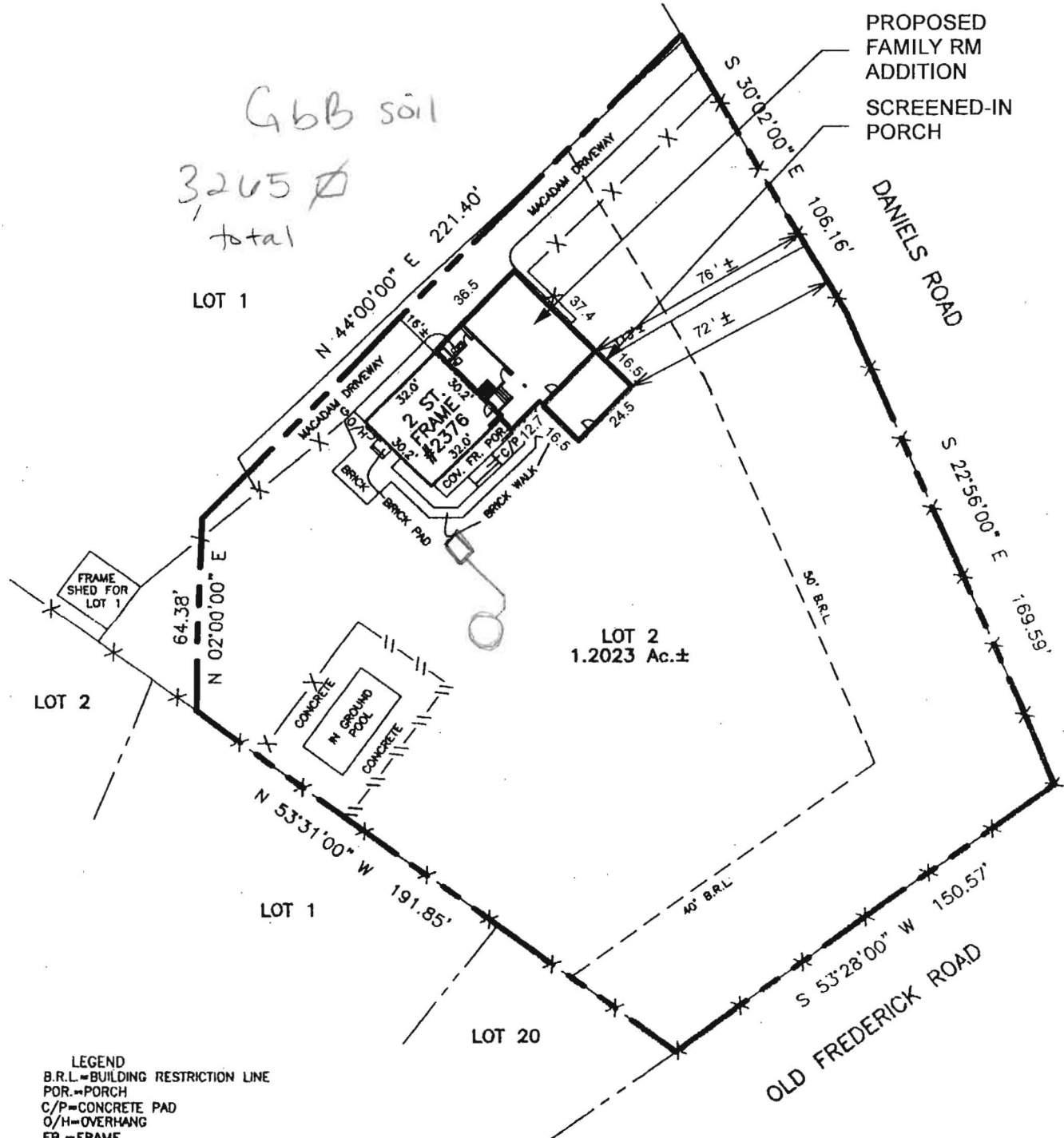
FINAL INSPECTOR K. Wolf DATE OF APPROVAL 2/7/13



LOCATION DRAWING  
 TAX MAP 18 GRID 7  
 PARCEL 333  
 LIBER 8711 FOLIO 180  
 PROPERTY OF  
**CHARLES T. WEBB**  
 LOT 2  
 LIBER 669 FOLIO 474  
 ELECTION (2nd) DISTRICT  
 HOWARD COUNTY, MARYLAND

NORTH

66B soil  
 3265  
 total



**LEGEND**  
 B.R.L.=BUILDING RESTRICTION LINE  
 POR.=PORCH  
 C/P=CONCRETE PAD  
 O/H=OVERHANG  
 FR.=FRAME  
 ST=STONE  
 COV.=COVERED  
 G=GATE

PROPERTY ADDRESS: 2376 DANIELS ROAD

THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C (AREA OF MINIMAL FLOODING) ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP COMMUNITY PANEL NO. 240044 0018 B AS REVISED 12/04/1986

**CERTIFICATE**  
 I HEREBY CERTIFY THAT THE POSITION OF ALL THE VISIBLE EXISTING IMPROVEMENTS SHOWN ON THE ABOVE DESCRIBED PROPERTY HAVE BEEN ESTABLISHED BY PROPER FIELD METHODS. NO TITLE REPORT HAS BEEN FURNISHED SUBJECT TO ANY AND ALL RESTRICTIONS AND EASEMENTS OF RECORD.  
 RAYMOND B. FOWLER  
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21134

REFERENCES	
PLAT BK.	
PLAT NO.	
LIBER 0669, 8711	
FOLIO 474, 180	

<b>ALL COUNTY LOCATION SURVEYS, INC</b>	
2813 PATUXENT RIVER ROAD, DAVIDSONVILLE, MD. 21035 PHONE (410) 798-9701 FAX (410) 798-9705	
DATES:	SCALE: 1"=50'
WALL CHECK:	DRAWN BY: JFD/RDF
HSE. LOC.: 08/02/2005	JOB NO.: 1851-05
BOUNDARY:	

- NOTES:
- 1) This location drawing is for a consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with conventional financing or refinancing.
  - 2) This location drawing is not to be used for the building of fences or other improvements. No boundary survey has been performed.
  - 3) This location drawing is not to be relied upon for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
  - 4) B.R.L. information, if shown was obtained from existing record plat or was provided to ACLS, and is not guaranteed by ACLS, Inc.
  - 5) Flood Zone information is subject to the interpretation of the originator.
  - 6) Adjoiner deed research has not been undertaken with the Location Drawing.
  - 7) ACLS, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
  - 8) Level of accuracy 5'±.

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## Wolf, Kevin

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**From:** Mock, Don  
**Sent:** Monday, February 11, 2013 12:25 PM  
**To:** Wolf, Kevin  
**Cc:** Huriaux, Adolphe  
**Subject:** RE: 2376 Daniels Road

This is the response I received from my plumbing code reviewer Adolphe Huriaux. Let me know if you need anything else.

Don,

In accordance with the 2009 and the 2012 National Standard Plumbing Code, please note the following:

Potable water service piping shall not be located in, under, or above cesspools, septic tanks, septic tank drainage fields, or drainage pits. A separation of ten feet shall be maintained from such systems.

When a water line parallels or crosses over or under a sewer, a minimum clearance of 12 inches in all directions (vertical and horizontal) shall be maintained.

Water service pipe sleeving is not noted in the code for use in any remediation or lessening of the above requirements.

Adolphe

Sincerely,

*Donald L. Mock*

Donald L. Mock, P.E.

Plan Review Chief

Howard County

Inspections Licenses, and Permits

3430 Court House Drive

Ellicott City, MD 21043

410-313-3948 (office)

410-313-3298 (Fax)

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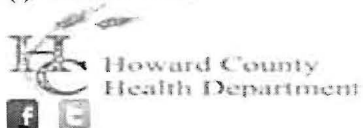
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**From:** Wolf, Kevin  
**Sent:** Monday, February 11, 2013 9:10 AM  
**To:** Mock, Don  
**Subject:** 2376 Daniels Road

Don,  
Here's a copy of the plan submitted to us by the engineer showing the septic and water line proposal. The septic components have been installed very close to what is shown on the proposal here.

Thanks,

**Kevin M. Wolf, R.S., R.E.H.S.**  
Bureau of Environmental Health  
Well & Septic Program  
Groundwater Mgmt. Sec.  
7178 Columbia Gateway Dr.  
Columbia, MD 21046  
(o) 410-313-2645  
(f) 410-313-2648



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