

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: 12/18/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544450

INSTALLATION APPROVAL DATE: 8/9/13 **PERMIT** A \_\_\_\_\_  
**CONSTRUCTION**

PROPERTY ADDRESS: 4361 College Avenue  
 SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: 02-247860  
 CONTRACTOR: \_\_\_\_\_ EMAIL: \_\_\_\_\_  
 CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 PROPERTY OWNER: Thomas and Lucinda Wahl EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 7110 Flint Court, Middletown, MD 21769 PHONE: 410-379-6700

SEPTIC TANK SIZE (GALLONS): 2000  
 PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_  
 NUMBER OF BEDROOMS: 6 HOUSE SQ. FT. >4000 APPLICATION RATE: 0.8  
 DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>194</u> ✓	INLET DEPTH: <u>3</u> <u>4</u>
	TRENCH WIDTH: <u>3</u> ✓	MAXIMUM BOTTOM DEPTH: <u>6</u> <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per plan. Set distribution box near high corner of SDA. Install 2 x 97' trenches on contour. <i>OK to move Initial system down hill</i>	

ISSUED BY: Heidi Scott ISSUE DATE: 8/5/2013 EXPIRATION DATE: 12/18/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- 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 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

See Seperate sheet  
for As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3 INLET 4' BOTTOM 7'

NUMBER OF TRENCHES 2

TOTAL LENGTH

ABSORPTION AREA

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 4'

BAFFLES Yes

BAFFLE FILTER

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST

SLOTTED Yes

DATE ON LID 6-8-13

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:

8/7/13 Contour shot for upper system and shot contour for middle part of septic area. Builder did not want to remove any trees in upper area @ this time. Told him that he needs to make homeowner aware that future upper area will result in removal of alot of trees. Set stake near top corner of septic area, run piping down hill to Dbox @ start of highest trench. This way upper repairs will not require

INSTALLATION:

8/8/13 S.T. set. no traffic bearing lids. Builder is to cut grade down 23' near tank.

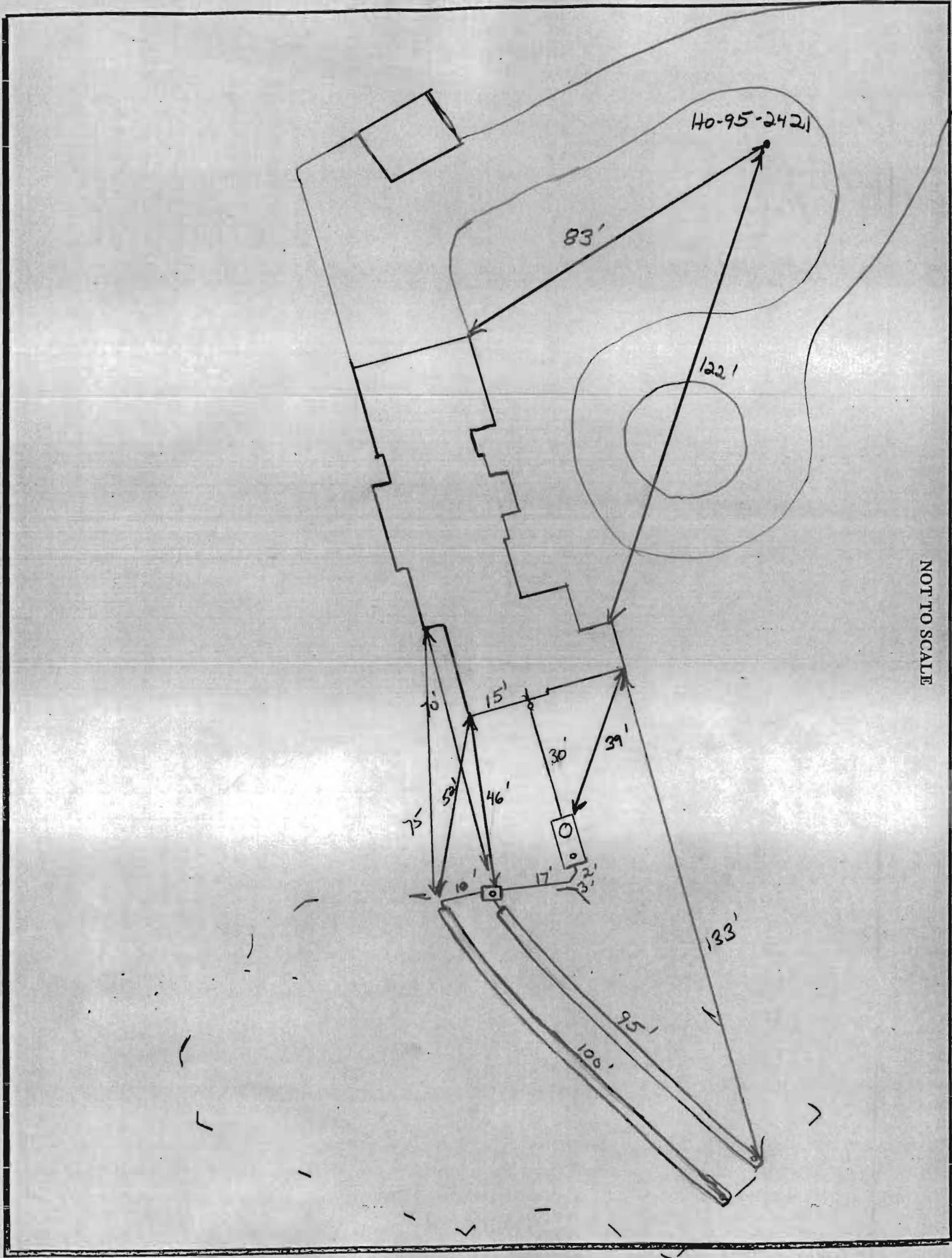
8/9/13 Trenches complete. Told builder will need to verify grade @ ST prior to road @. OK to cover all work.

FINAL INSPECTOR

K. Vally

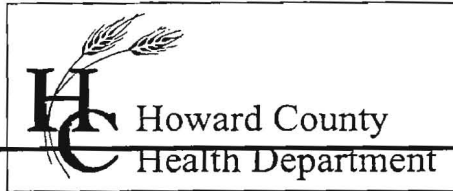
DATE OF APPROVAL

8/9/13



NOT TO SCALE





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

January 24<sup>th</sup>, 2011

Tom Wahl  
4361 College Ave  
Ellicott City, MD 21043

**RE: Variance request  
4361 College Ave**

Dear Mr. Wahl,

The Health Department has received your variance request dated January 10<sup>th</sup>, 2011 for the above referenced property. Maryland Department of the Environment has accepted our recommendation to approve the following variance requests under the *Code of Maryland Regulations 26.04.02.05 (C)* to allow: the sewage disposal area serving the proposed house on Parcel 262 to be located upgradient from the private water supply on parcel 262. Due to the landscape position of the sewage area and well, the request was approved given that the well is greater than 300' from the proposed sewage disposal area and the soils are acceptable.

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

Sincerely,

Heidi Scott, R.S.  
Well & Septic Program

Maryland Department of the Environment  
Steven Krieg, R.S.

Cc: File

RECEIPT DATE: 12/18/12

P 544450

INSTALLATION  
APPROVAL DATE: \_\_\_\_\_

# PERMIT

A \_\_\_\_\_

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

PROPERTY OWNER: Thomas and Lucinda Wahl

OWNER'S  
ADDRESS: 7110 Flint Court, Middletown MD 21769 PHONE: 410-379-6700

ADDRESS: 4361 College Avenue TAX ACC'T #: 02-247860

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

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/18/12 EXPIRATION DATE: 12/18/13

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

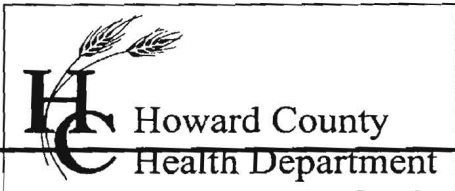
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

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

January 24<sup>th</sup>, 2011

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Sincerely,

Heidi Scott, R.S.  
Well & Septic Program

Maryland Department of the Environment  
Steven Krieg, R.S.

Cc: File





## Wolf, Kevin

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**From:** Shanaberger & Lane [home@shanlane.com]  
**Sent:** Wednesday, October 10, 2012 6:20 PM  
**To:** Wolf, Kevin; jeff.schwab@tesseractsites.com  
**Cc:** twahl@hamelbuilders.com; Williams, Jeffrey  
**Subject:** RE: Wahl Property

Kevin

The long part of the driveway that has been staked already (and probably graded by now) is exactly per the SDP. There is nothing to redline in that regard.

Any change to the remainder of the driveway alignment would not require a revised Site Development Plan. SDP's are required for lots within the Metropolitan District. These are almost always small lots with public water and sewer, lots which the Bureau of Environmental Health does not typically deal with. Any lot shown on an SDP is required, before a final occupancy permit is issued, to submit a grading certification and location survey done by a registered surveyor. Changes to house positions, driveway alignments, and site grading show up on the location survey and grading certification. There are tolerances set by County regulations. If the house location and elevation, driveway, grading, or SWM facility are out of tolerance a redline of "as-built" conditions is required to the SDP before the occupancy permit is issued. Redlines for 'as-built' conditions are processed quickly.

The Wahl property is an anomaly. It is a large property using public water and sewer, but it is shown on an SDP because of its zoning and location within the Metropolitan District.

A redlined change at this time to the SDP, prior to any construction, is something that would have to be submitted to and reviewed by all the agencies that reviewed the original SDP. It'll take weeks or longer and be a considerable expense, and its only purpose will be to get a permit for a well that might or might not be successful. I think that the amount of work, time, and money involved in doing this is out of scale to the issue at hand, which is getting an approved well on the lot. And until we know if proposed Well #4 is successful, we don't know if there's a need to redesign the driveway.

What I suggest is getting a signed statement from the property owner, Tom Wahl, stating that any driveway built will be at least 10 feet from any well. That, coupled with the location survey and grading certification required at the end of construction on the project along with any needed redline of the SDP, should satisfy the concerns of your Bureau.

Scott

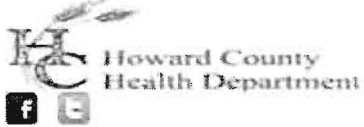
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**From:** "Wolf, Kevin" <KWolf@howardcountymd.gov>  
**Sent:** Wednesday, October 10, 2012 4:30 PM  
**To:** "Shanaberger & Lane" <home@shanlane.com>, "jeff.schwab@tesseractsites.com" <jeff.schwab@tesseractsites.com>  
**Subject:** RE: Wahl Property

Scott,  
I made it out to the site today. Grading has taken place a good bit. My question to you is does the sdp need to be revised first as to show the 'actual' drive way to be installed for this property? I have reviewed this with Jeff Williams and have decided that we need to have a site plan (sdp would be fine also) showing the well location #4 as redlined on the perc cert and the actual location of the proposed drive prior to releasing the well permit. Setback distances for the well to drive would be 10' minimum. Concerns with this location as seen in the field are that this setback will not meet the 10' to the drive and could possibly be in the way of construction traffic and normal traffic in the future depending on the location of the drive way. Please revise and submit to me the site showing the new drive way and proposed well location #4.

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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**From:** Shanaberger & Lane [mailto:home@shanlane.com]  
**Sent:** Monday, October 08, 2012 10:21 AM  
**To:** Wolf, Kevin  
**Subject:** Fw: Wahl Property

----- Original Message -----

**From:** Shanaberger & Lane  
**To:** Kevin Wolf @ HealthDept  
**Sent:** Monday, October 08, 2012 9:42 AM  
**Subject:** Wahl Property

Kevin

Attached is a pdf showing the location of proposed well #4 at the Wahl Property on College Avenue. The well was staked in this location by our company on Thursday October 4. Please let me know what else you need. Thanks.

G. Scott Shanaberger  
Professional Land Surveyor  
Shanaberger & Lane  
8726 Town & Country Blvd.  
Suite 201  
Ellicott City, MD 21043  
[home@shanlane.com](mailto:home@shanlane.com)  
(410) 461-9563  
(410) 461-9693 fax