

LAYOUT 12/20/2010 INSP 4 _____
INSP 2 12/21/2010 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 12-16-10

PERMIT

P 534121

APPROVAL DATE: 12/22/2010

A 527893-B

Tax ID # _____

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

Fugles Septic Clean IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd ^{Superiorville} ~~6000~~ 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: Reinhardt Property LOT NUMBER: 1

ADDRESS: 18601 Penn Shop Road PROPERTY OWNER: Edwin Reinhardt

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: Unkwn

LINEAR FEET OF TRENCH REQUIRED: 155

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Basement will not sewer by gravity. Run 3 x 55' trenches on contour. Place d- box at top center of easement.
NOTES:	Do not 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.

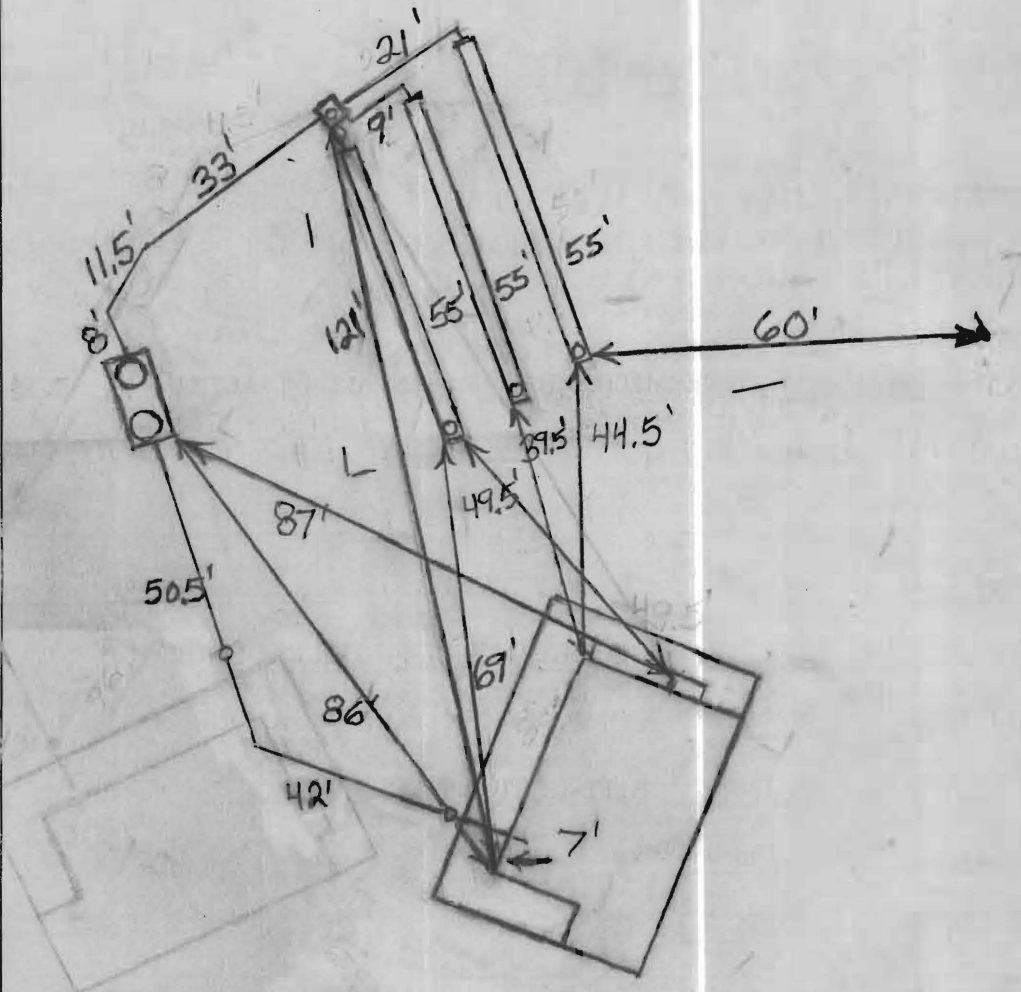
PLANS APPROVED: Sara Sappington/Heidi Scott DATE: 7/19/10

- 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**

30

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		165'
ABSORPTION AREA		495 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry
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	

ROAD NAME

PRE-CONSTRUCTION:

12/20/2010 Easement staked wrong. O.K. to set tank and make house connection (BB)

12/21/2010 House connection made. Tank set. Dist. box set. Started on top 55' trench. (BB)

12/22/2010 Trenches finished. O.K. to backfill (BB)

INSTALLATION:

FINAL INSPECTOR B. Baker DATE OF APPROVAL 12/22/2010

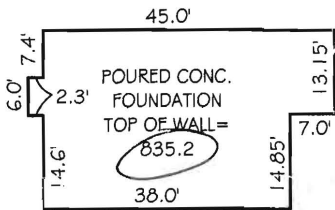
HAROLD T. & ERMALYN V. CROWDER PLAT NOS. 17169, 14849 & 14570 L. 303, F. 368, P.86 CROWDER PROPERTY

BUILDABLE BULK PARCEL A
HARRY W. REINHARDT
CHRISTINE REINHARDT
L. 1520 F.67

HOWARD COUNTY AGRICULTURAL PRESERVATION PROGRAM EASEMENT HO-90-22E

PROP. 20' WIDE EASEMENT FOR PRIVATE INGRESS/EGRESS AND SEPTIC FORCE MAIN TO BUILDABLE BULK PARCEL A

PENN SHOP ROAD
60' RW (FULL-WIDTH)
(PUBLIC - MAJOR COLLECTOR)



HOUSE DETAIL
SCALE: 1" = 30'

Wall check
OK 12-16-10
HS

CURVE DATA						
CURVE	RADIUS	ARC LENGTH	DELTA ANGLE	TANGENT	CHORD BEARING	CHORD LENGTH
C1	330.00'	67.71'	11°45'20"	33.97'	S 65°51'20" W	67.59'

SURVEYOR'S CERTIFICATE

The preparation of this location drawing and the field work reflected on it were completed under my responsible charge in compliance with the requirements set forth in COMAR 09.13.06.12.

For VanMar Associates, Inc.
Thomas L. Frazier, Jr.
Professional Land Surveyor
MD Reg. No. 21097

Date



WALL CHECK DRAWING
REINHARDT PROPERTY

LOT 1
PLAT NO. 21111
18601 PENN SHOP ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' NOVEMBER, 2010

NOTES:

- 1) THE EXISTING WELL SHOWN HEREON (HO-95-1687) WAS FIELD LOCATED AND BY VANMAR ASSOCIATES, INC. AND IS ACCURATELY SHOWN.
- 2) FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
- 3) TOP OF WALL ELEV = 835.2'
- 4) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.

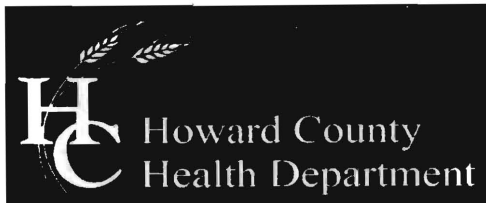
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners

310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

REFERENCE	JOB NO.
PLAT NO. 21111	A5-4949



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

November 6, 2008

Harry and Christine Reinhardt
18571 Penn Shop Rd
Mt. Airy, Maryland 21771

RE: Variance request
18571 Penn Shop Rd
Mt. Airy, Maryland 21771

Dear Mr. and Mrs. Reinhardt,

The Health Department has received your variance request dated November 6, 2008 for the above referenced property. The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request. This approval will allow the initial sewage disposal system and future repair area for proposed Lot 1 to be located up gradient from a private water supply located on the remaining portion of the existing property.

Consideration of the favorable soil conditions and percolation tests, assumed groundwater flow patterns, landscape position, and type of well construction, were some of the factors used in making our recommendation for approval. In addition, a preliminary nitrogen balance calculation indicated favorable results. As a result of this determination, the need for an advanced pretreatment system that reduces nitrogen using best available technology is not required but is encouraged thru application to the Bay Restoration Fund.

The Bay Restoration Fund (BRF) may provide grant money to cover the complete cost of a nitrogen reducing aerobic pretreatment system. These systems are not only a good investment in the life of a septic system, but they help to purify the septic effluent prior to groundwater recharge to a much greater extent than a conventional septic tank system. If interested, please contact John Boris at MDE for additional information. He can be reached at (410) 537-3678.

If you have any questions regarding this letter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sara Sappington', is written over a horizontal line.

Sara Sappington, R.S.
Well and Septic Program

A handwritten signature in black ink, appearing to read 'Steven R. Krieg', is written over a horizontal line.
Maryland Department of the Environment

November 06, 2008

To Whom It May Concern,

My name is Edwin Reinhardt. I am currently trying to subdivide a one (1) acre lot off of the Reinhardt property located at 18571 Penn Shop Rd. in Mt. Airy to build my home. I am requesting a variance to COMAR 26.04.02.05C to allow the septic area on proposed lot 1 to be located directly up gradient of the existing well on the residue property. Thank you for your time.

Sincerely,
Edwin Reinhardt



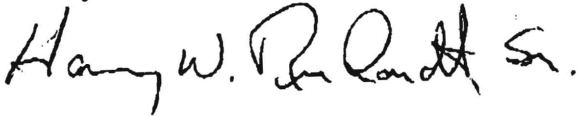
11/06/08

November 06, 2008

To Whom It May Concern,

My name is Harry Reinhardt. My son Edwin, is currently trying to subdivide a one (1) acre lot off of the property located at 18571 Penn Shop Rd. in Mt. Airy to build his home. I am requesting a variance to COMAR 26.04.02.05C to allow the septic area on proposed lot one (1) to be located directly up gradient of the existing well on the residue property. Thank you for your time.

Sincerely,
Harry W. Reinhardt Sr.

A handwritten signature in black ink that reads "Harry W. Reinhardt Sr." in a cursive style.