

LAYOUT 8/21/08 INSP 4 \_\_\_\_\_  
INSP 2 8/22/08 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

P 529524

APPROVAL DATE: 8/25/08 *Logged Into Permit Manager*  
**PERMIT**  
**TAXID # 05-364647**

A 528885 - UPGRADE

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

Farm & Home Excavating, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 901 Driver Road, Marriottsville, MD 21104 PHONE NUMBER: 410-442-2139

SUBDIVISION: Swann Hill LOT NUMBER: 2

ADDRESS: 7024 Mink Hollow Rd PROPERTY OWNER: Raj Shah

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

PUMP CHAMBER CAPACITY (GALLONS): 1000 or 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

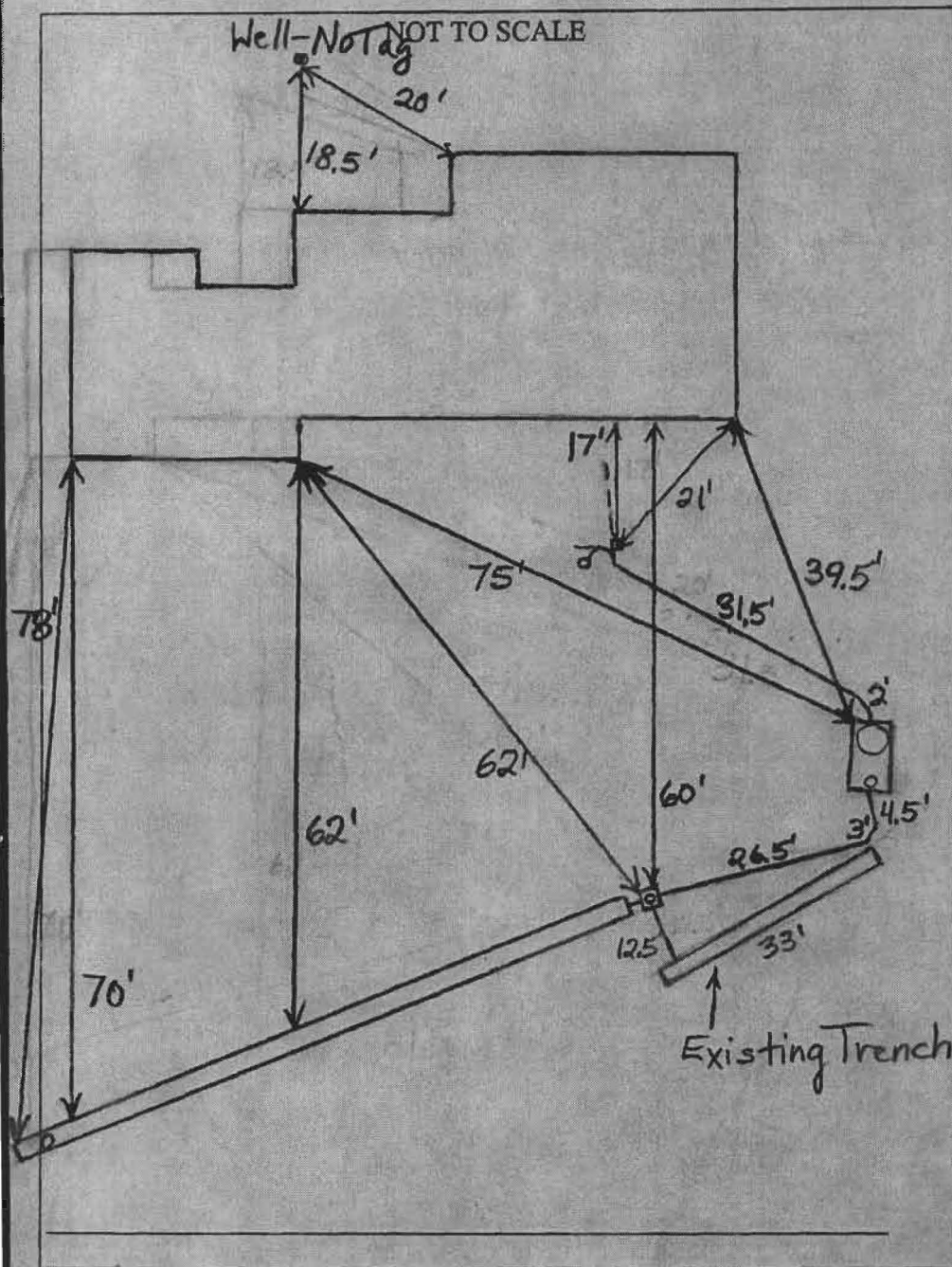
SQUARE FEET PER BEDROOM: \_\_\_\_\_

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

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 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:	Set septic tank & distribution box per plan. Install 70ft trench below existing trench. Recommend pump tank immediately below septic tank. If no pump tank installed, contractor must demonstrate at layout that gravity flow is maintained from septic tank, thru dry well, to existing trench.
NOTES:	Call for layout inspection. Mark utilities. Show location of existing trench.

PLANS APPROVED: Robert Bricker DATE: 08/11/08

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**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'+3'	25, 4'-6'	?+10'-11'
NUMBER OF TRENCHES		2
TOTAL LENGTH		33+81'
ABSORPTION AREA		243+Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
<del>RUMP/SEPTIC TANK LEVEL N/A</del>	
<del>MANUFACTURER</del>	
<del>CAPACITY</del>	
<del>SEAM LOC</del>	
<del>TANK LID DEPTH</del>	
<del>BAFFLES</del>	
<del>BAFFLE FILTER</del>	
<del>MANHOLE LOC</del>	
<del>6" PORT LOC</del>	
<del>WATERTIGHT TEST</del>	
<del>SLOTTED</del>	

PRE-CONSTRUCTION  
 8/21/08 Drywell full.  
 Needs to be pumped  
 and filled with dirt.  
 Tank should have

been set more towards middle of easement to use upper part of easement area. Can use some of the area, but the trench will be ~1' off contour from start to end. (PB)  
 INSTALLATION 8/22/08 Trench finished. Tank set. Plumbing done. Need levelers, manhole riser and abandon old tank and drywell (PB) 8/25/08 System finished (PB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 8/25/08

1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
2. This plan is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
3. This plan does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.
4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.

Notes

1. Flood zone "C" per H.U.D. panel No. 240044-0037B.
  2. Setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 3 Feet.
  3. Fences, if shown, have been located by approximate methods.
- No property corners found.

WE CERTIFY THAT I/WE HAVE REVIEWED THIS HOUSE LOCATION PLAT AND THAT I/WE ACCEPT THE LOCATION OF THE IMPROVEMENTS SHOWN HEREIN

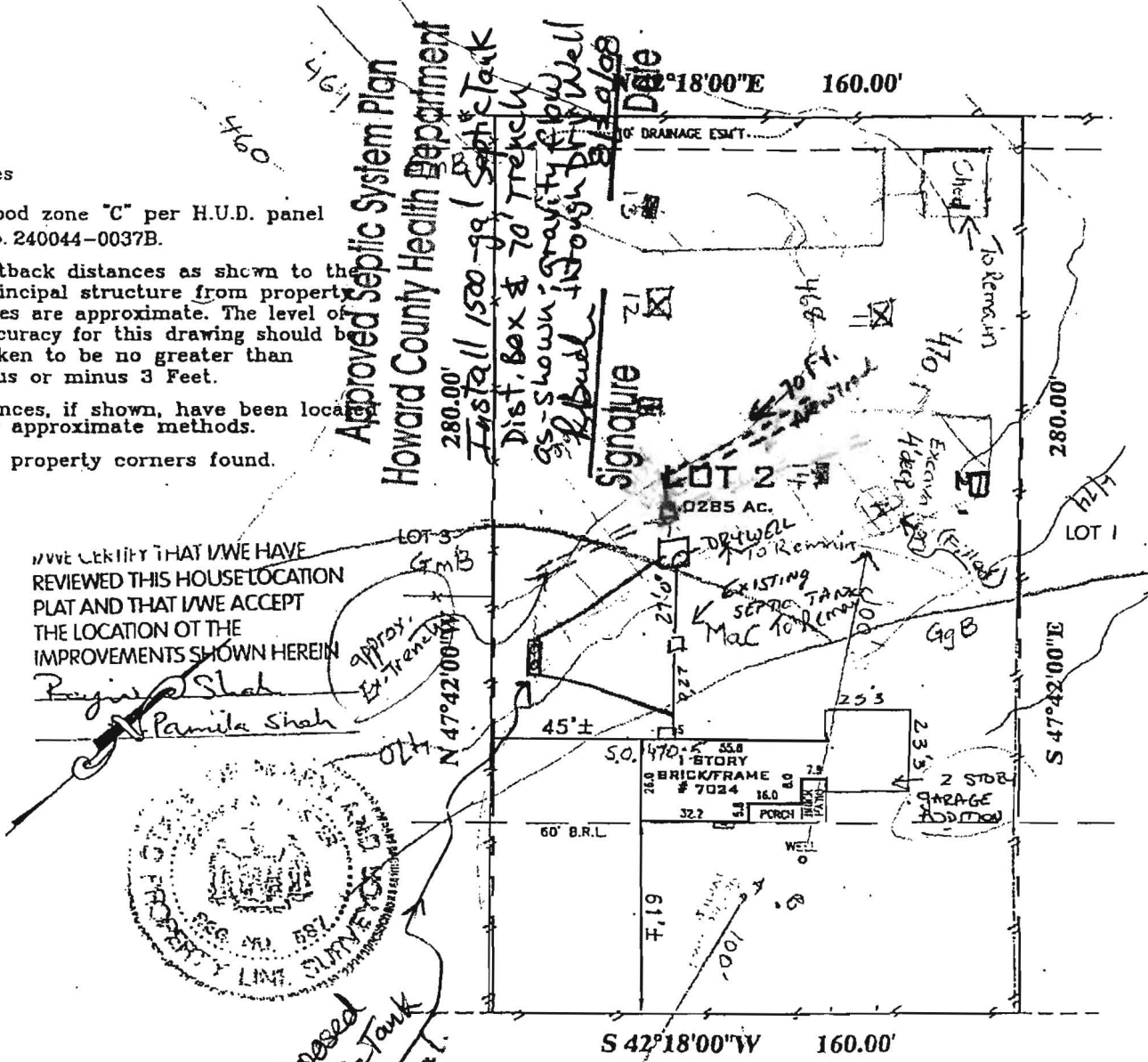
*Rajiv Shah*  
*Pamila Shah*




*Proposed Septic Tank 1,500 gal.*

LOCATION DRAWING  
**LOT 2, BLOCK 1**  
**Swann Hill**  
HOWARD COUNTY, MARYLAND

**MINK HOLLOW ROAD**



**Approved Septic System Plan**  
**Howard County Health Department**  
280.00'  
Install 1500-gal Septic Tank  
Dist. Box at 70' trench  
as shown - gravity flow well  
Rebuild in rough brick well  
8/15/03  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

SURVEYOR'S CERTIFICATE		REFERENCES			SNIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 2 Professional Drive, Suite 216 Gaithersburg, Maryland 20879 301/948-5100, Fax 301/948-1286		
THE INFORMATION SHOWN HEREON HAS BEEN BASED UPON THE RESULTS OF A FIELD INSPECTION PURSUANT TO THE DEED OR PLAT OF RECORD. EXISTING STRUCTURES SHOWN HAVE BEEN FIELD LOCATED BASED UPON MEASUREMENTS FROM PROPERTY MARKERS FOUND OR FROM EVIDENCE OF LINES OF APPARENT OCCUPATION.		PLAT BK.	6		DATE OF LOCATIONS	SCALE	1" = 50'
<i>Jeffrey A. Foster</i> MARYLAND PROPERTY LINE SURVEYOR REG. NO. 587		PLAT NO.	4		WALL CHECK	DRAWN BY	P.A.
		LIBER		HSE FLOOD	JOB NO.	2003-1632	
		FOLIO		07-07-2003			



July 7, 2009

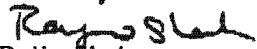
Mr. Stewart Oster  
Howard County board of Environmental Protection  
Water and Sewer Division  
Howard County, MD

Dear Mr. Oster,

I had initially contracted with Allied Well for my geo thermal wells at 7024 Mink Hollow Rd., High land MD 207778. I have canceled this contract and instead awarded it to Barlow Well. Please allow me to proceed with getting the permit for this job.

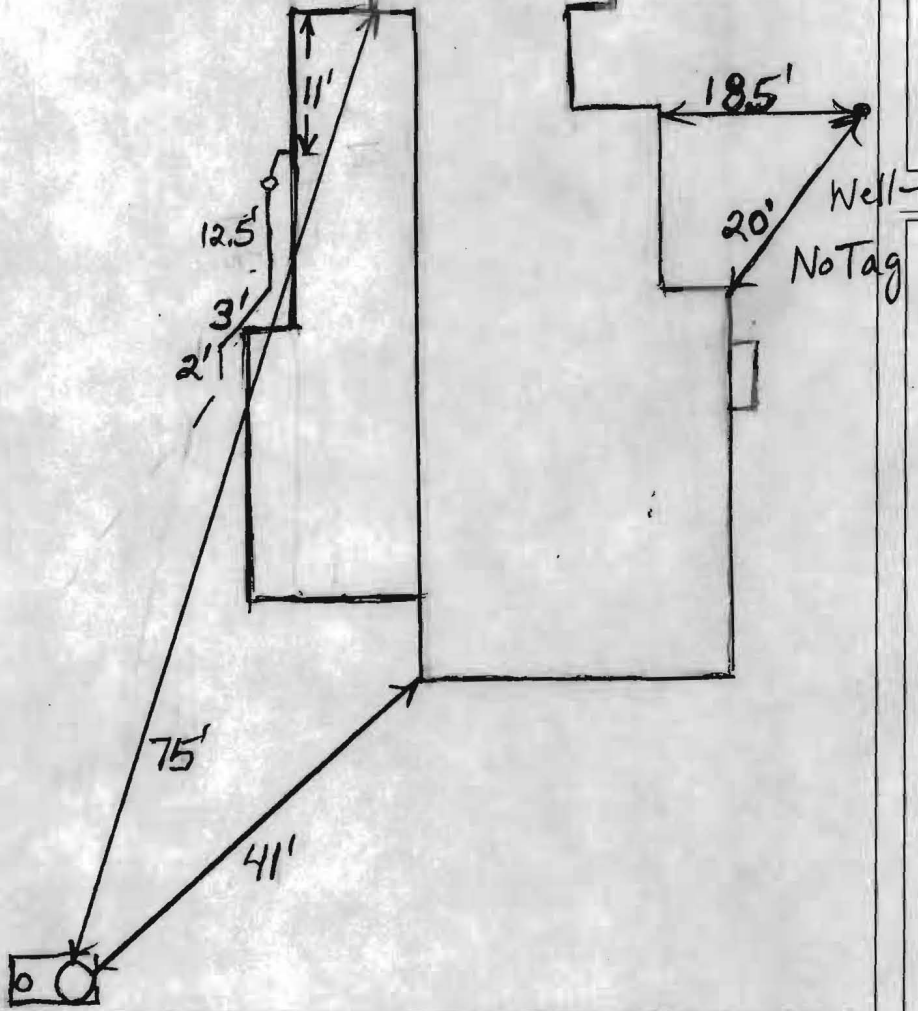
Please feel free to contact me with any questions. My cell phone is 202-329-1494

Sincerely,

  
Rajiv Shah

Driveway

NOT TO SCALE



ROAD NAME

**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 \_\_\_\_\_  
 MANUFACTURER \_\_\_\_\_  
 CAPACITY \_\_\_\_\_ GAL  
 SEAM LOC \_\_\_\_\_  
 TANK LID DEPTH \_\_\_\_\_  
 BAFFLES \_\_\_\_\_  
 BAFFLE FILTER \_\_\_\_\_  
 MANHOLE LOC \_\_\_\_\_  
 6" PORT LOC \_\_\_\_\_  
 WATERTIGHT TEST \_\_\_\_\_  
 SLOTTED \_\_\_\_\_  
 DATE ON LID \_\_\_\_\_

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER \_\_\_\_\_  
 CAPACITY \_\_\_\_\_ GAL  
 SEAM LOC \_\_\_\_\_  
 TANK LID DEPTH \_\_\_\_\_  
 BAFFLES \_\_\_\_\_  
 BAFFLE FILTER \_\_\_\_\_  
 MANHOLE LOC \_\_\_\_\_  
 6" PORT LOC \_\_\_\_\_  
 WATERTIGHT TEST \_\_\_\_\_  
 SLOTTED \_\_\_\_\_  
 DATE ON LID \_\_\_\_\_

PRE-CONSTRUCTION:

5364647

4/17/09 Plumbing rerouted around addition foundation. (BB)

INSTALLATION:

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

4/17/09

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**Percolation Certification Plan:** 7024 Mink Hollow Rd, Highland, MD 20777  
 Lot 2, Block 1 Swann Hill Howard County, MD  
 Addition on existing house

Owner: Rajiv and Pamela Shah - 202-329-1494 (c) 301-560-2468 (h) 202-583-1154 (o)

**NOTES**

1. ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.
2. TOPOGRAPHY ON THIS PLAT IS FROM HOWARD COUNTY GIS AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
3. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.



4. THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
5. ALL OF THESE SHALL REMAIN: THE EXISTING RESIDENCE AND GARAGE, SHED, WATER WELL, GEOTHERMAL WELLS (2).
6. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO ESTABLISH A SEPTIC EASEMENT IN SUPPORT OF A BUILDING PERMIT APPLICATION FOR ADDING A SECOND FLOOR TO THE EXISTING RESIDENCE (Anticipated 2009)

7. A variance is requested reducing setback of septic easement to existing shed (on slab) to 10 feet.

**LEGEND**

- SEPTIC TANK
- DRY WELL
- PERC TEST, 2004 - PASS
- PERC TEST, 2008 - PASS
- PERC TEST, 2008 - FAIL
- SEPTIC EASEMENT AREA

Description of Septic Elevations.  
 Basement Elevation 472.0  
 Invert out of house 471.0  
 Invert at Septic tank (existing tank) 469.6  
 Existing grade at tank 471.0  
 Existing Septic tank 469.1  
 Invert in Drywell (existing drywell) 467.0  
 Invert into distribution box 465.0  
 Existing grade at proposed trench 468  
 Invert into proposed trench 464.0

The Lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment

I certify that the information shown hereon is based on work performed in my presence or by my direction and is correct, to the best of my knowledge and belief.

Owner: Rajiv Shah 7/16/08  
 Signature Date

Approved for Private water and private Sewerage Systems

Howard County Health Officer B. Nefan for Peter Beilensen 7/18/2008  
 Signature Date

**Notes**

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Rajiv Shah  
Pamela Shah

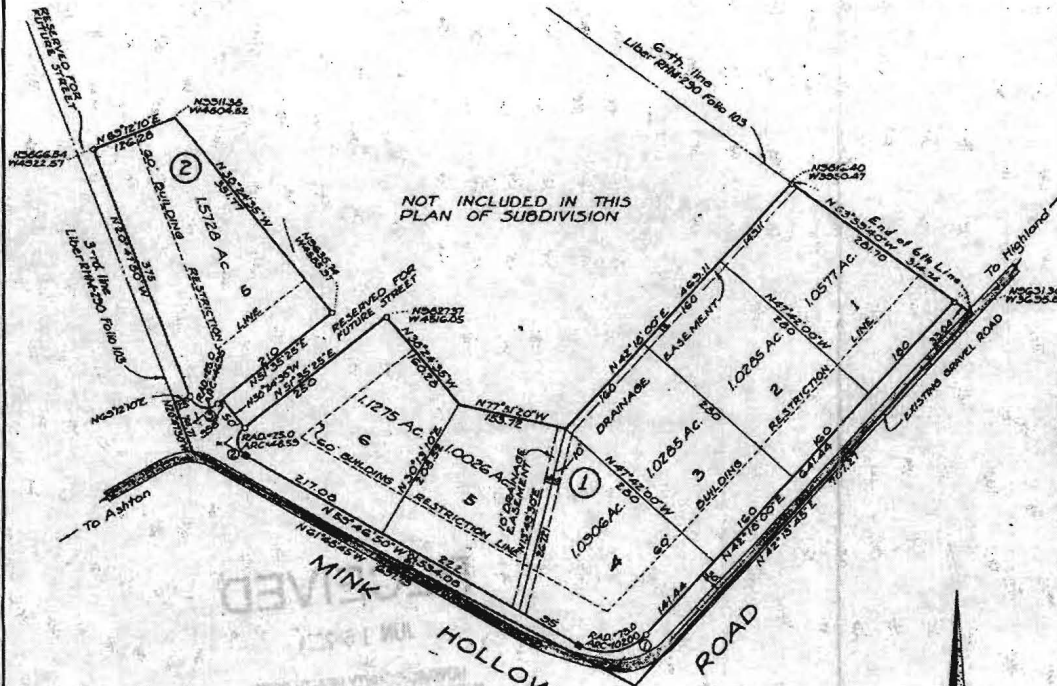


LOCATION DRAWING  
**LOT 2, BLOCK 1**  
**Swann Hill**  
 HOWARD COUNTY, MARYLAND

**MINK HOLLOW ROAD**

<b>SURVEYOR'S CERTIFICATE</b>		<b>REFERENCES</b>			SMIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 2 Professional Drive, Suite 216 Gaithersburg, Maryland 20879 301/948-5100, Fax 301/948-1288
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LIBER		DATE OF LOCATIONS		SCALE	1" = 50'
FOLIO		WALL SHEET		DRAWN BY: S.G. T.A.	
MARYLAND PROPERTY LINE SURVEYOR REG. NO. 507		HSE NO. 07-07-2003		JOB NO. 07-07-2003-4822	

CURVE DATA									
BUNG	RADIUS	+	ARC	TANGENT	CHORD	CHD BEARING	BL COORDINATES		
							NORTH	WEST	
1	75.00	77° 45' 10"	103.00	60.27	34.37	N 51° 18' 35"	27.31	53	21.95
2	25.00	117° 22' 18"	4.835	36.63	41.30	N 02° 05' 45" W	24.22	25	47.42
3	25.00	107° 32' 45"	46.95	34.16	40.30	N 74° 30' 17" W	24.44	26	27.77



NOTE: Coordinates shown hereon are assumed datum.

APPROVED  
 4-7-57 DATE *William J. Damm*  
 CHAIRMAN PLANNING COMMISSION  
 4-7-57 DATE *John J. ...*  
 PLANNING DIRECTOR  
 4-7-57 DATE *Harmon ...*  
 COUNTY ROADS SUPERVISOR

**OWNER'S DECLARATION**

We, John T. Swann and Mary E. Swann, his wife, owners of the property shown and described hereon, adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon, and in consideration of the approval of this plat by the Planning Commission of Howard County, We, ourselves, our heirs or assigns do hereby give and grant unto the Board of County Commissioners of Howard County the right and option to acquire for the consideration of One Dollar, the fee simple title to the beds of the streets and/or roads shown hereon, within the period of five years from the date of the recording of this plat among the Land Records of Howard County.

May 16 1957  
*John T. Swann*  
 John T. Swann  
*Mary E. Swann*  
 Mary E. Swann  
 Witnesses

**ENGINEER'S CERTIFICATE**

I hereby certify that the plan shown hereon is correct; that it is a subdivision of part of the lands conveyed by C. Claude Cissel and Molly H. Cissel, his wife, to John T. Swann and Mary E. Swann, his wife, by deed dated November 5, 1956, and recorded among the Land Records of Howard County, Maryland in Liber RHM 290 Folio 103; and that concrete monuments shown thus: ■, and iron pipe shown thus: ○, have been placed where indicated. That there are 6.6570 Acres of land contained in this subdivision.

I further certify that this plat has been prepared and markers as shown hereon are placed in accordance with Section 72 of Article 17 of the Annotated Code of Maryland, 1951 Edition.

May 15, 1957.  
*Byrnes C. Greathouse*  
 Byrnes C. Greathouse  
 Registered Land Surveyor, Md. #2538

**SWANN HILL**

Election District - Clarksville No. 5  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=100'  
 MAY, 1957

THOMAS G. OYSTER & ASSOCIATES, INC.  
 ENGINEERS & SURVEYORS  
 2415 REEDIE DRIVE  
 WHEATON TRIANGLE  
 SILVER SPRING, MD.

OWNER  
 JOHN T. SWANN  
 HIGHLAND, MARYLAND

# FILE INQUIRY FORM

Property Address: 7024 Mink Hollow Road

talked with prop owner and wants to perc for an addition.

5 bed home w/ new septic Easmt. 3/4/04 (KB)

6/29/04 - Field inspection indicated a non-failing system. Both septic tank or Driveway were functioning properly. We did uncover a trench which looked to connect to driveway; which also look ok. - Soil + stone looked clean - Put

two perc test holes for future area. Both holes

passed the perc test. For a 4 bed home the system is (OK) - any more than 4 beds; need tank upgrade (KB)

7/26/04 - Noted one piece well cap & rope thru case. Should not issue B.P. until

this is fixed. Discussed w/ homeowner, said it would be no problem (SD)