

LAYOUT 11/12/04 INSP 4 _____
 INSP 2 11/15/04 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 10/1/2004

P 521516

APPROVAL DATE: 11/15/04

A 40310

**PERMIT
INDEXED**

05365260

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Ashton Builders, LLC IS PERMITTED TO INSTALL ALTER

ADDRESS: 1301 Hennessey Terrace, Sandy Spring PHONE NUMBER: 301-335-2790

SUBDIVISION: Rush Subdivision LOT NUMBER: 1

ADDRESS: 7318 Mink Hollow Road PROPERTY OWNER: Ashton Builders

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest location in the approved SDA.
NOTES:	The lower in elevation in the SDA the deeper the SCL. Run (3) three 51' trenches.

PLANS APPROVED: Kevin J. Bell DATE: 7/22/04

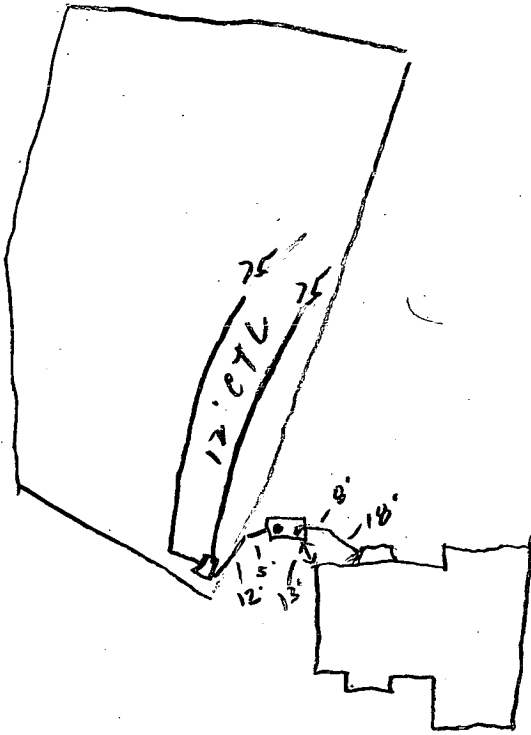
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

wpt approved 11/30/04 BB

A40310

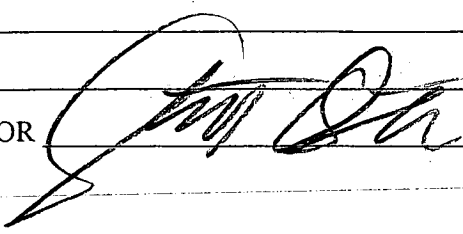
NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	3.5	7.5
NUMBER OF TRENCHES		2
TOTAL LENGTH		150
ABSORPTION AREA		600 0
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
Comp	CAPACITY 1500 GAL
	SEAM LOC TOP
	TANK LID DEPTH 1'
	BAFFLES <input checked="" type="checkbox"/>
	BAFFLE FILTER <input type="checkbox"/>
	MANHOLE LOC <input type="checkbox"/>
	6" PORT LOC FAB
	WATERTIGHT TEST <input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	
	CAPACITY _____ GAL
	SEAM LOC _____
	TANK LID DEPTH _____
	BAFFLES <input checked="" type="checkbox"/>
	BAFFLE FILTER <input checked="" type="checkbox"/>
	MANHOLE LOC _____
	6" PORT LOC _____
	WATERTIGHT TEST _____

PRE-CONSTRUCTION 11/12/04 - SBA staked, contour accurate.
 Install (2) 25' trenches, tank set (50)
 INSTALLATION 11/15/04 - Complete system installed
 OK to cover trenches (50)

FINAL INSPECTOR  DATE OF APPROVAL 11/15/04

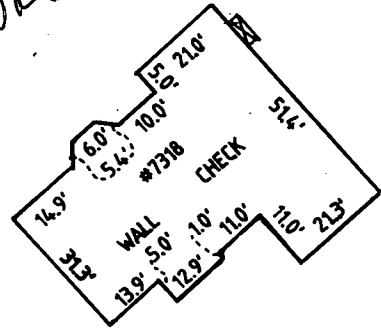
	EMP#	DATE
FIELD	11-33	08/27/04
COMP.	11	08/28/04
GRAPHICS	32	08/30/04
CHECKED	11	08/30/04

STREET ADDRESS: 7318 Mink Hollow Road

BUILDING PERMIT NUMBER: 00147545

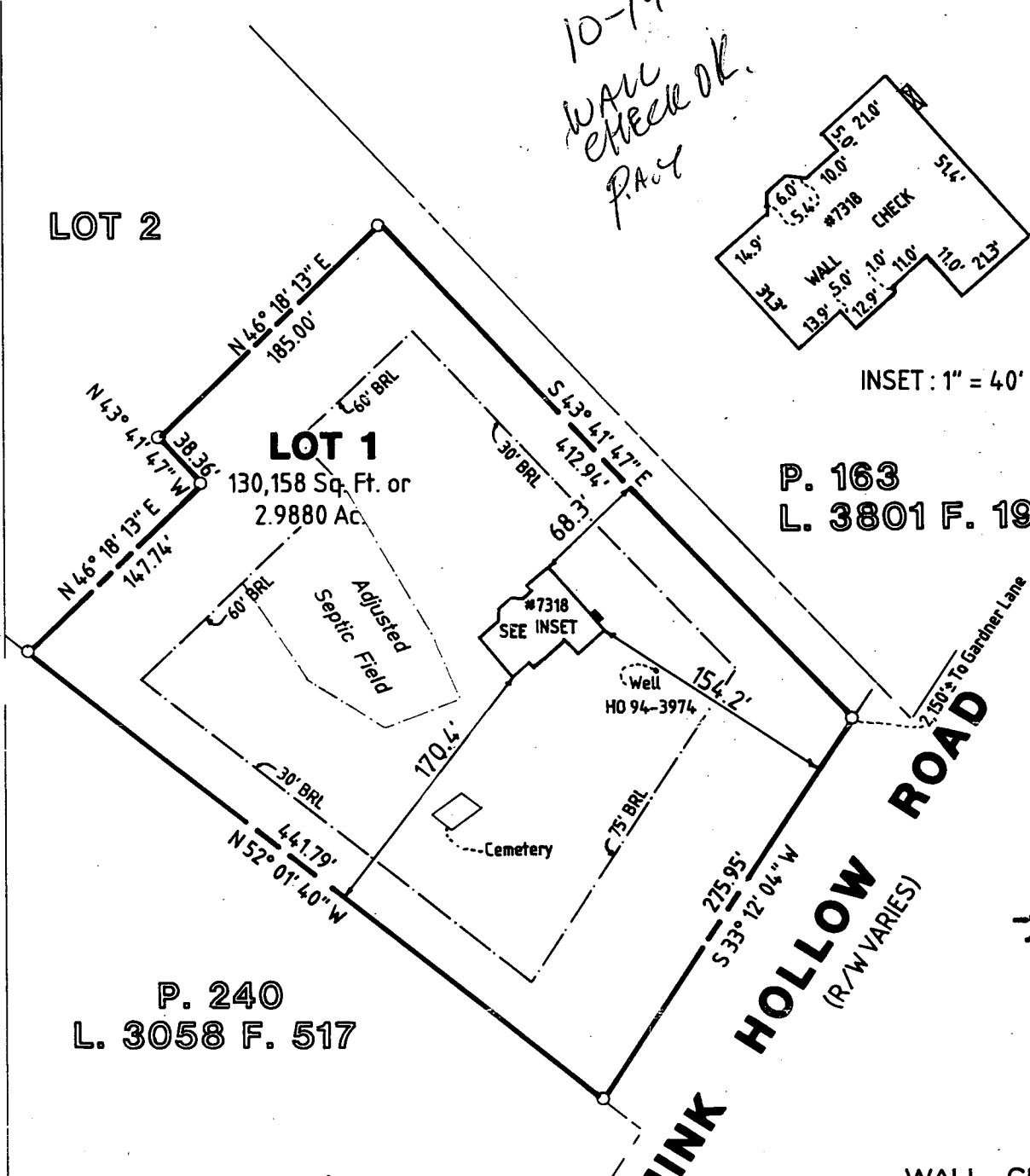
REVISIONS: Added adjusted septic field.

*10-14-04
WALL
CHECK OK.
P.A.C.*



INSET: 1" = 40'

P. 163
L. 3801 F. 196



P. 240
L. 3058 F. 517



SURVEYOR'S CERTIFICATE

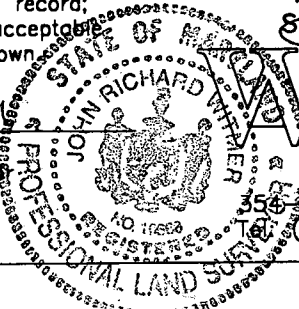
This survey has been completed to satisfy requirements of a transfer, a financing or a refinancing of the subject site; it does not reflect a boundary survey to be relied upon for the accurate location of property lines, construction of fences or other improvements.

I hereby certify that the property indicated hereon is shown in accordance with the Subdivision Plat and/or description of record; that the improvements, as shown, have been located by acceptable survey practices; and that all visible improvements are shown.

08/27/2004 (Wall Check)

Date

John R. Witmer
JOHN R. WITMER
Professional Land Surveyor
MD. No 10668



WALL CHECK
FINAL LOCATION PLAT

**LOT 1
RUSH SUBDIVISION**

PLAT No 8852
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' AUGUST 2004

WITMER ASSOCIATES, LLC

LAND SURVEYING - LAND PLANNING & DESIGN

356-A Hungerford Drive, Rockville, MD 20850
(301) 309-8600 Fax (301) 309-8603

Tolerance for measurements indicated hereon = 0.25' +/-

04773 A

Lot 1

2.9880 Ac.

TOTAL DISTURBED AREA = 32,000 S.F.

S 43° 41' 47" E

412.94'

100' R

BARN

80 L.F. SILT FENCE

Roof top rain leader discharge flow path
75 l.f. vegetative swale at max. 5% slope (typ.)

Septic Test Hole
Elev = 381.5

Septic Test Hole
Elev = 380.0

Septic Test Hole
Elev = 376.8

Septic Test Hole
Elev = 372.0

PREVIOUSLY APPROVED
10,000 S.F. SEPTIC AREA

Approved Septic System Plan
Howard County Health Department

Signature

Date

360 L.F. SUPER SILT FENCE

N 52° 01' 40" W

441.79'

EX WELL (NO TAG)

EXISTING PAVING

EXISTING PAVING

PROPOSED DRIVEWAY

EXISTING DRIVE TO BE REMOVED

DRIVEWAY

STABILIZED CONSTRUCTION

HOLLOW ROAD

MINK

05:1

Signed

7/20/09

7/21/04

975667-3888

275.95'

400

398

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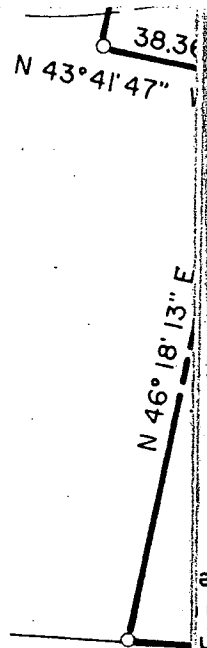
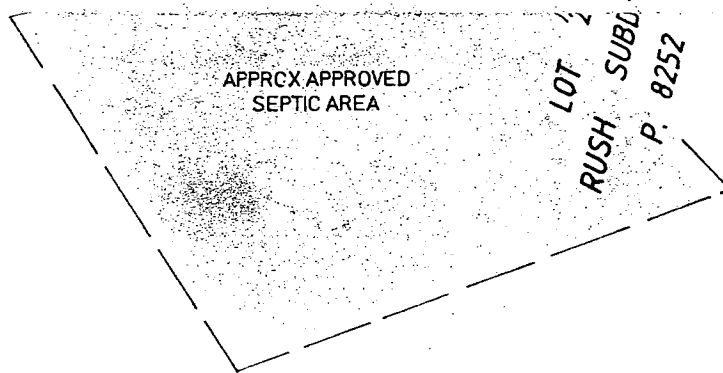
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748



GENERAL NOTES

1. Lot 1 is included on a Subdivision Plat recorded among the Land Records Howard County, Maryland as Plat NC. 8252, recorded Nov. 23, 1988.
2. Two foot contour topography and other existing site improvements, as shown are from a field survey by this office, dated March, 2004.
3. Zoning = R.
4. All known or observed wells and septic areas within 100' of the subject lot shown hereon.
5. The area shown thus:  designates a private sewage disposal area of at least 10,000 s.f. as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This disposal area shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to encroachments into the private sewage disposal area.
6. Proposed grading and septic system detail to be made at the time of building permit review.

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2643**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Ashton Builders Telephone #: 301-351-6438
Address: Box 386
Gandy Springs, Md. 20960

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Charles W. Small Jr License# MPL 69715

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Ashton Builders Telephone #: 301-351-6438
Subdivision: Rush Lot #: Well Tag #: HO-94-3974
Site Address: 7319 Mink Hollow Rd.

Highland Gandy Springs, Md

Submersible Pump Data
Make: JOUZZIE
Model #: _____
Pump Capacity 114.5 GPM
Well Yield: 1 1/2 GPM
Depth of well encountered at time of pump installation: 600 (feet)

Pitless Adapter
Make: Harvard
Model#: _____
Depth: 48" (36" min)
NSF approved: _____

Well Cap and Electric Conduit
Two piece watertight cap: _____
Screened, vented well cap: _____
Cap secured to casing: _____
Conduit min 18" B.G.: _____
Conduit secured to well cap: _____

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors on Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house
Type: 1" PolyE
PSI: 200 (160 psi min)
Depth of supply line: 48 (36" min)

House Connection
PVC sleeved to undisturbed soil at wali penetration:
Approximate length of sleeve: 6'
Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: _____ date: 11/29/04

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 11/30/04 **BB**
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

3742 SEQUENCE NO. (MDE USE ONLY)
 1 2 3 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER 13 08-1663

ST/CO USE ONLY
 DATE RECEIVED
 MM DD YY
 8/4/04
 15 20

DATE WELL COMPLETED
 8/4/04
 15 20

Depth of Well 600
 (TO NEAREST FOOT)
 9/24/04
 O.K. (BB)
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
 HO-94-3974
 28 29 30 31 32 33 34 35 36 37

OWNER Wislon Gil
 STREET OR RFD 7318 Mink Hollow Road TOWN Highland
 SUBDIVISION Rush Property SECTION LOT 1

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
topsoil	0	2	
brown rocky clay	2	16	
brown mica	16	28	
Tan shale	28	37	
Brown shale	37	70	
Brown slate	70	81	
Bluish/gray slate	81	86	
Brown slate	86	90	
Tannish/gray slate	90	105	
Gray slate	105	190	
Blue slate	190	282	
gray slate	282	358	
dark green slate	358	363	
Gray slate	363	600	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle appropriate box)
 YES NO
 (Y) (N)
 44 44
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT (CM) BENTONITE CLAY (BC)
 NO. OF BAGS 22 NO. OF POUNDS 2200
 GALLONS OF WATER 132
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 50 ft.
 48 TOP 52 54 BOTTOM 58
 (enter 0 if from surface).

CASING RECORD
 casing types insert appropriate code below
 (S) (C) (P) (O)
 STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 80
 60 61 63 64 66 70

OTHER CASING (if used)
 diameter inch depth (feet) from to
 E A C H C A S I N G

SCREEN RECORD
 screen type or open hole insert appropriate code below
 (S) (B) (H) (P) (L) (O)
 STEEL BRASS OPEN HOLE PLASTIC OTHER

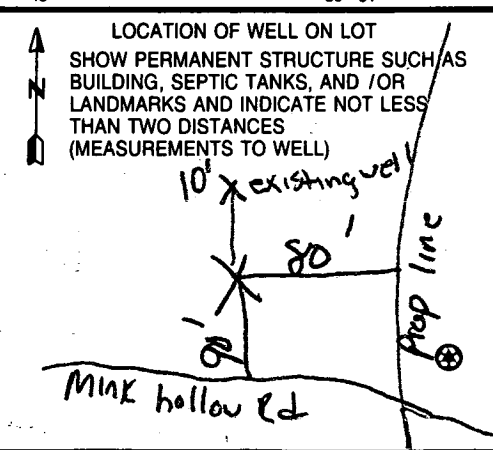
DEPTH (nearest ft.)
 C 2
 1 HO 78 600
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GRAVEL BACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 8 9
 PUMPING RATE (gal. per min.) 1.2
 11 15
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 33 ft.
 17 20
 WHEN PUMPING 255 ft.
 22 25
 TYPE OF PUMP USED (for test)
 (A) air (P) piston (T) turbine
 (C) centrifugal (R) rotary (O) other (describe below)
 (J) jet (S) submersible

PUMP INSTALLED
 DRILLER INSTALLED PUMP YES (NO)
 (CIRCLE) (YES or NO)
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 (+) above LAND SURFACE 2 (nearest foot)
 (-) below 50 51



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO
 (Y) (N)

CIRCLE APPROPRIATE LETTER
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MWD 040
 Gary J. Kurland
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

IC. NO. JWD 727
 J. A. Chilton

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

9733

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

8/15/07

Well Permit No. HO - 94-3974
Location of property (road) 7318 Mink Hollow Road
Subdivision Rush Property Lot 1 Block _____ Plat _____ Sec. _____
Well Driller Easterday Owner Gil Wilson

Depth of well 600 ?
Distance of measuring point (M.P.) above ground 2 FT
Static water level (S.W.L.) below M.P. 33

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 AM Pumping rate 15 (GPM)
Total time 45 min to reach pumping water level 253 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill # gallon bucket	FLOW TO BE RECORDED (gpm) Pump SET	CALCULATED FLOW (gallons per minute)
945	253 FT	50 sec	380 FT	1.2
1000	253 FT	50 sec		1.2
1015	253 FT	50 sec		1.2
1030	253 FT	50 sec		1.2
1045	253 FT	50 sec		1.2
1100	253 FT	50 sec		1.2
1115	253 FT	50 sec		1.2
1130	253 FT	50 sec		1.2
1145	253 FT	50 sec		1.2
1200	253 FT	50 sec		1.2
1215	253 FT	50 sec		1.2
1230	253 FT	50 sec		1.2
1245	254 FT	50 sec		1.2
100	254 FT	50 sec		1.2
115	254 FT	50 sec		1.2
130	254 FT	50 sec		1.2
145	254 FT	50 sec		1.2
200	254 FT	50 sec		1.2
215	254 FT	50 sec		1.2
230	254 FT	50 sec		1.2
245	254 FT	50 sec		1.2
300	254 FT	50 sec		1.2
315	254 FT	50 sec		1.2
330	255 FT	50 sec		1.2

HD-224 345

255 FT
TESTED BY Dickie

1.2

B 1 9775
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
520441 please type

STATE PERMIT NUMBER
HO-94-3974
70 fill in this form completely 79

Date Received (APA) 06/11/04
OWNER INFORMATION 9733
8 MM DD YY 13
15 Last Name Gil Wilson Owner First Name 34
36 Box 386 Street or RFD 55
57 Town Sandy Spring, Md 20860 State 72 Zip 76

B 3 LOCATION OF WELL
8 COUNTY Howard 21 CCH
23 SUBDIVISION Rush Subdivision
SECTION 44 46 LOT 48 50
52 NEAREST TOWN Highland
MILES FROM TOWN (enter 0 if in town) 73 1 M 76 77 78

DRILLER INFORMATION
Driller's Name George F. Easterday MWD License No. 040
Firm Name L. Franklin Easterday, Inc.
Address 9265 Brown Church Rd., MT. Airy, Md. 21771
Signature George F. Easterday Date 6/8/04

B 4
1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
7318 Mink Hollow Rd
11 NEAR WHAT ROAD 30
34 100 37
DISTANCE FROM ROAD ENTER FT OR MI 38 39
TAX MAP: 40 BLK: 7 PARCEL 20

B 2 WELL INFORMATION
1 2
APPROX. PUMPING RATE (GAL. PER MIN.) 5 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 500 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL
1/28/04 Decided to Drill New Well.

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard (13) COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 7/2/2004 Brian Baber 7/2/2005
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 488 0 0 0 EAST GRID 801 0 0 0
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH
METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROtary DRive-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. wells
2. Montgomery County
3. No Insp. BB
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8001
N 4808
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
13 G 13

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

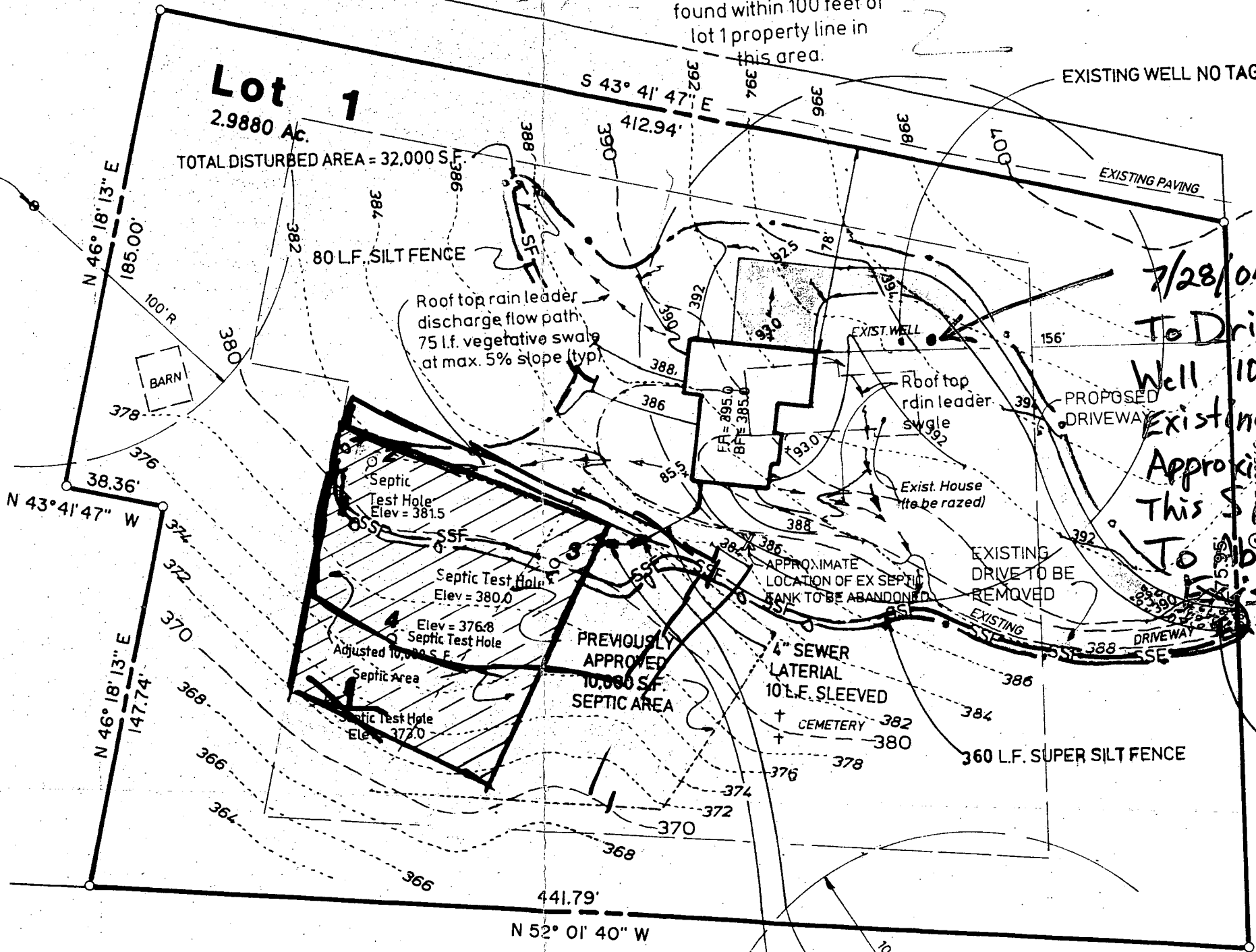
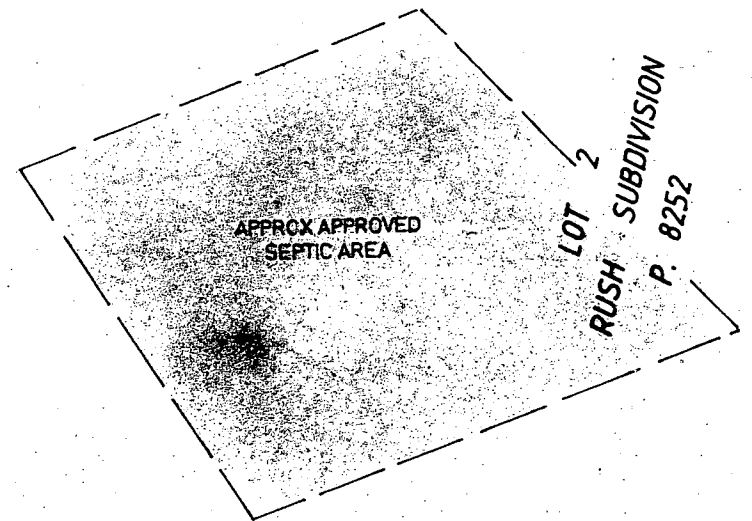
Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER
PERMIT No. HO-94-3974
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS Yield Test Required for ICOP

Owner = Black
L 3801 F. 196
7302 Mink Hollow Road

No wells or septic areas
found within 100 feet of
lot 1 property line in
this area.

Owner = Matzner
L 2436 F. 218
7310 Mink Hollow Road



7/28/04
To Drill New Well 10' From Existing Well in Road Approximately This Spot - Supposed To Abandon Existing Well.

(BB)

HOLLOW ROAD
MINK

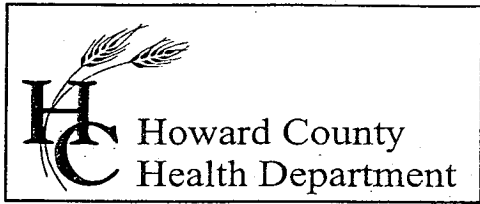
GENERAL NOTES

Lot 1 is included on a Subdivision Plat recorded among the Land Records of Howard County, Maryland as Plat NC. 8252, recorded Nov. 23, 1988.

Two foot contour topography and other existing site improvements, as shown, are from a field survey by this office, dated March, 2004.

Zoning = R.

All known or observed wells and septic areas within 100' of the subject lot are



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

Penny E. Borenstein, M.D., M.P.H., Health Officer

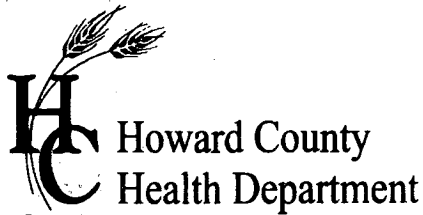
To Whom it may CONCERN

The property at 7318 Mink Hollow Rd.

The builder (Ashton Builders) I removed the existing pipe to well that was approx 20 ft. Long & placed the pipe in dumpster. The surrounding dirt was mostly clay & filled the hole. I apologized for not getting the well abandonment done. This was my 1st house built in Howard Ct. The well itself was 40 ft. deep

Thank you for your help
Thomas Garland 4/20/05

4/20/05 - This was apparently an untagged well that was very shallow. Was back filled in. This lot was sub-divided \therefore 10-15 yrs ago. Well # HB-88-1663 is actually on 7310 Mink Hollow Rd. (50)



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 40310

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 7318 Mink Hollow Road
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P ①

Brown loam 1 1/2'

Orange/red Brown heavy sil -micaous- 4 1/2'

Red/orange micaous sil 6'

HB

②

Brown loam 1'

Yellow/Brown micaous sil 3'

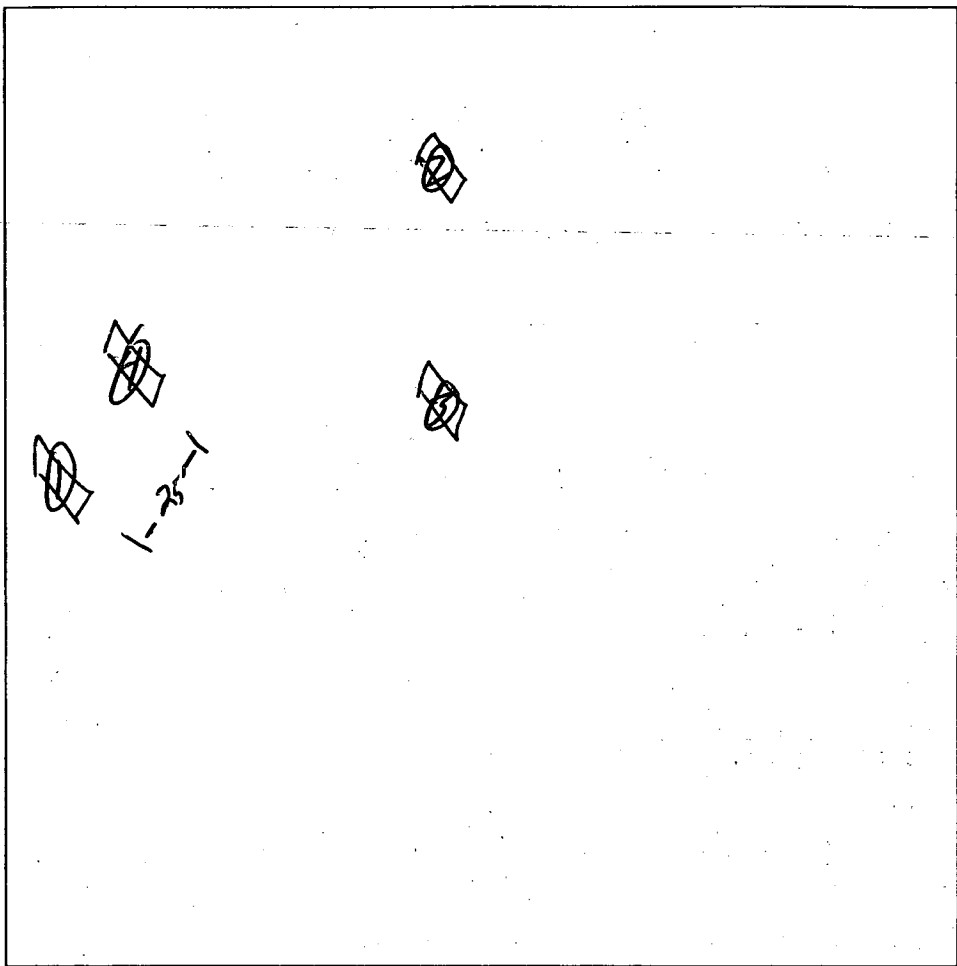
Red/Yellow Pink/Brown micaous sil w/ 15% sapolite 6'

③

Brown loam 1 1/2'

Red/orange micaous sil 3 1/2'

Yellow/Brown Red sil w/ 10-15% sapolite 6' Pocket



④

Brown loam 1'

Yellow/Brown sil 3'

Red/Orange micaous sil/sil 5'

Yellow/Brown Red sil w/ 15% sapolite 1 1/2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/6/4	1	6'	- Visual	-	-		F
	2	5 1/2' 12'	10:12	10:14	10:17	3min	P
	3	11 1/2'	- Visual	- OK	-		P
	4	6' 11 1/2'	10:24	10:31	10:39	8min	P

REMARKS _____

SANITARIAN KJB BACKHOE Hillbilly OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Pickup
11/24
1:39 PM

APPLICATION

PERCOLATION TESTING

A 40310
P Repair Perc

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

INDEXED

DISTRICT 5th

RGU16460 OK
1 LOT & 1 R6PAIR

DATE 10/19/87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Ariel N. and Harriet F. Rush

ADDRESS 7318 Mink Hollow Road, Highland, MD 20777 PHONE 301-854-0066

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. "A" Existing Dwelling

ROAD AND DESCRIPTION Mink Hollow Road, Between Highland Road & Route 108
(No. West side of Mink Hollow Road)

TAX MAP Liber 267 PARCEL # _____ Folio 593

SIZE OF LOT 3. 1/4 more/less TYPE BLDG family dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Ariel N. Rush
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/24/87 Visual holes OK
Hold for subdivision certified hole Plat

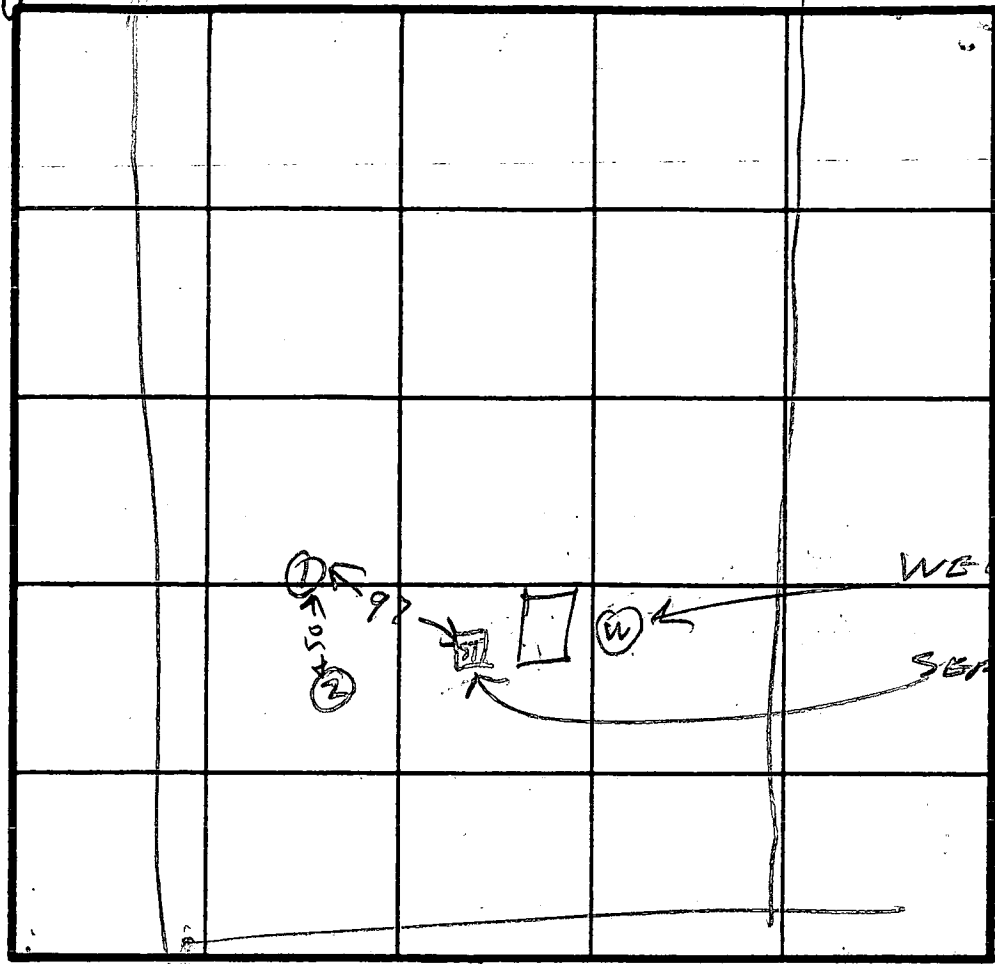
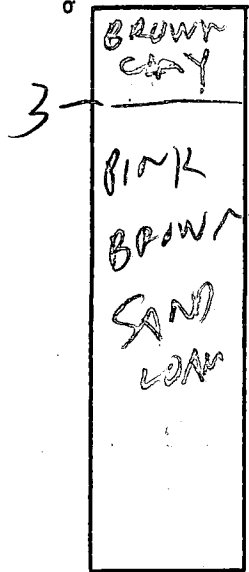
HD-216

THIS IS NOT A PERMIT

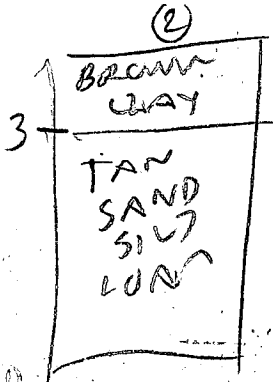
A 40310

lot A seeped

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

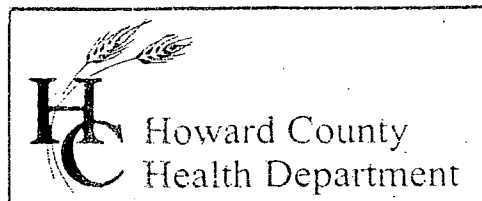


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/67	1V	11	OK				
11/24/67	2V	10	OK				

REMARKS _____

TYPE OF SOIL _____

TESTED BY RAYMOND HODGES ALSO PRESENT _____




3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 13, 2004

MEMORANDUM

TO: Gil Wilson
c/o Ashton Builders
P.O. Box 386,
Sandy Spring, MD 20860

FROM: Mark Rifkin, R.S. 
Well and Septic Program
Bureau of Environmental Health

RE: 7318 Mink Hollow Road
Rush Subdivision, Lot 1
Tax Map 40, Parcel 20

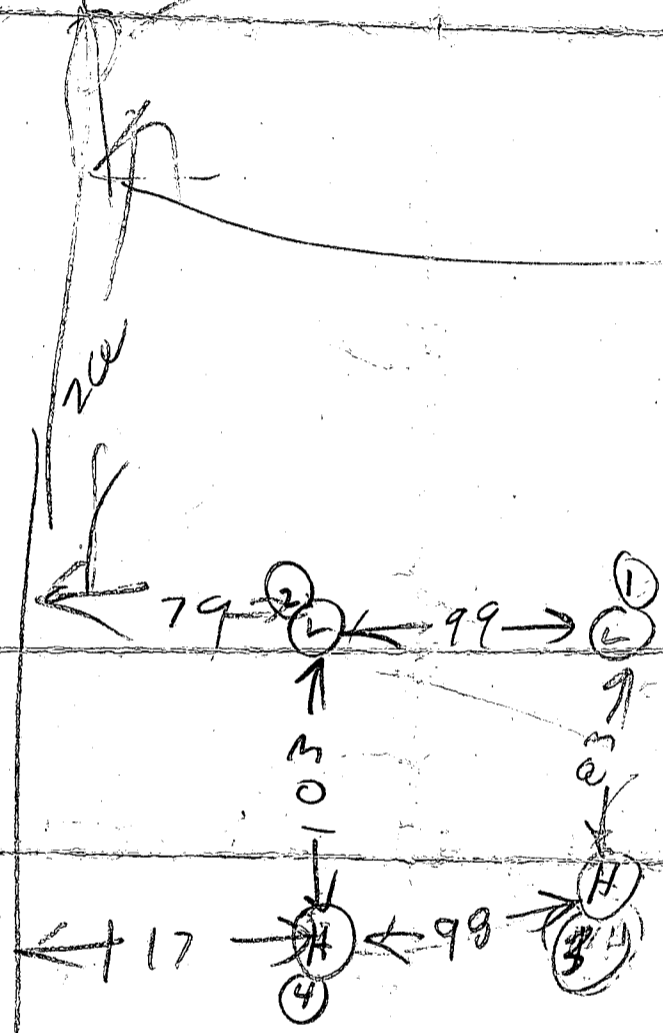
This is to advise that the Howard County Health Department recommends issuance of the requested demolition permit for the existing dwelling at the referenced property.

You have indicated that the existing well and septic system will remain for potential connection to a replacement dwelling. You have indicated that the well and septic system will be protected during demolition. Please verify that each service line from the house to the existing well and septic system is properly cut off and capped for future connection, if approved.

MR

(2)

gla



NOTES

1. Lot 1 is included on a Subdivision Plat which is recorded among the Land Records of Howard County as Plat No. 8252, recorded Nov. 23, 1988.
2. Two foot contour topography and other existing site improvements, as shown, are from a field run survey, dated March, 2004, by this office.
3. Zoning = "R".

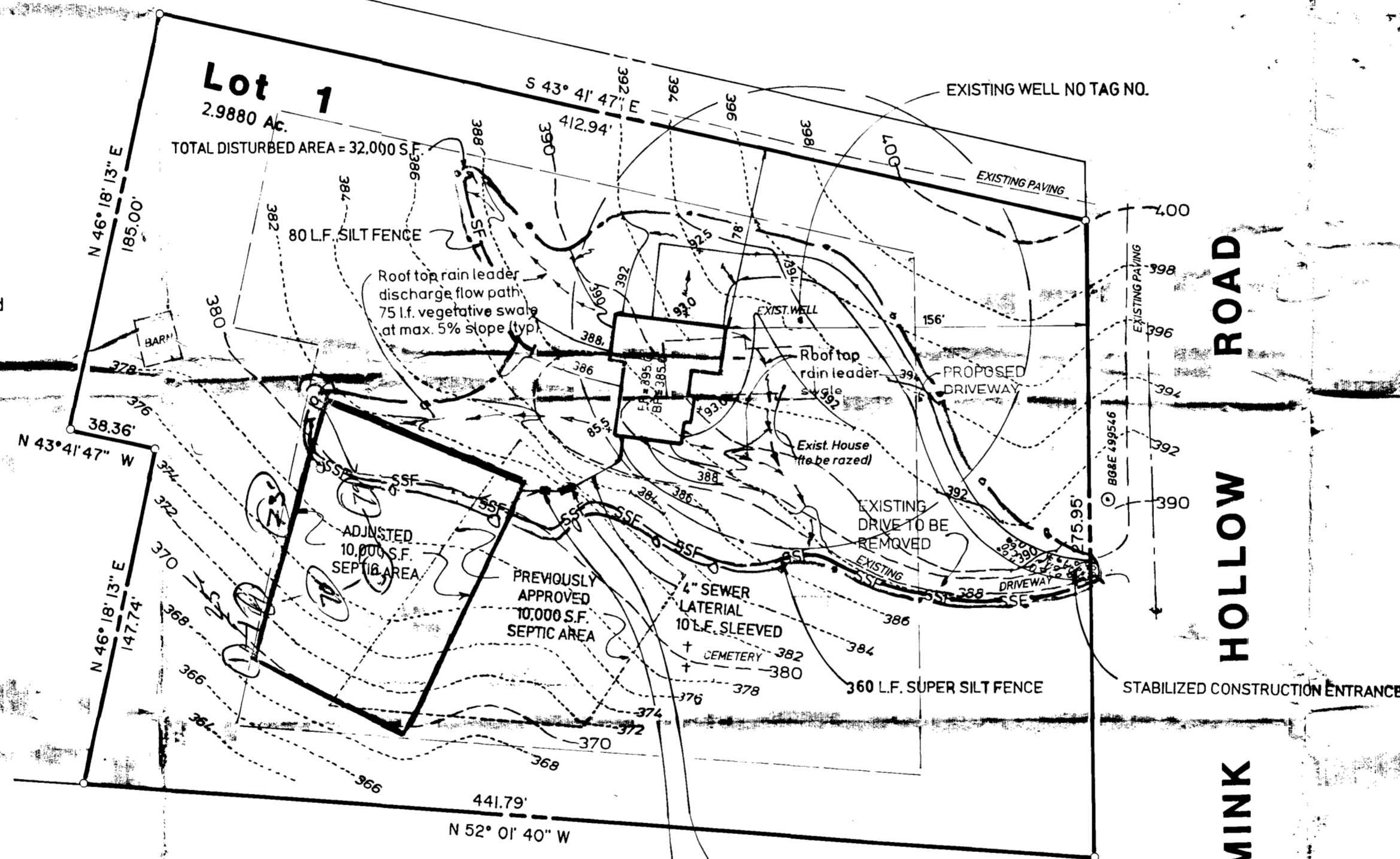
STORMWATER MANGEMENT STATEMENT

Stormwater management for this project is being addressed by non-structural methods.
CHANNEL PROTECTION -
 The total developed impervious cover is 5,500 s.f. which generates less than 2.0 c.f.s which is below the channel protection threshold.
QUALITY CONTROL
 Rooftop discharge control is being provided by rooftop disconnect - down spouts at each of the four corners of the house will discharge onto standard splash blocks and then onto vegetative swale 75 l.f. lng at less than a 5% slope.
 Drive surface runoff will sheet flow across the driveway onto vegetad lawn surface.

Owner = Matzner
 L. 2436 F. 218
 7310 Mink Hollow Road

Owner = Black
 L. 3801 F. 196
 7302 Mink Hollow Road

Owner = Salmi
 L. 3058 F. 517
 7330 Mink Hollow Road



SEPTIC DATA DATA
 1500 gallon tank
 Grade at tank = 382.0
 Top of tank = 380.9
 Inv In = 380.1
 Inv Out = 379.9

DISTRIBUTION BOX DATA
 Grade at box = 381.5
 Top of Box = 380.5
 Inv In = 379.8
 Inv Out = 379.6

Site Address = 7318 Mink Hollow Road

REVISIONS: 5-06-04 Septic & SWM revision. 5-17-04 Septic & L.O.D. revised.	VICINITY MAP SCALE: 1" = 2,000'
PREPARED FOR: LAND DEVELOPMENT CORP. P.O. BOX 386 SANDY SPRING, MD 20860 (301) 924 - 2866 CONTACT: GIL WILLSON	TITLE <h2 style="text-align: center;">SITE PLAN</h2>

LOT 1
RUSH SUBDIVISION
 CLARKSVILLE (5th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

WITMER ASSOCIATES, LLC
 Land Surveying, Land Planning & Design
 354-A Hungerford Drive, Rockville, MD 20850
 Tele. (301) 309-8600 Fax: (301) 309-8603

SCALE 1" = 50'	DATE FEB. 2004	PROJ. NO. 04773-A	SHEET NO. 1 of 1
-------------------	-------------------	----------------------	---------------------

Owner = Black
L. 3801 F. 196
7302 Mink Hollow Road

No wells or septic areas
found within 100 feet of
lot 1 property line in
this area.

Lot 1

2.9880 Ac.

TOTAL DISTURBED AREA = 32,000 S.F.

EX WELL TAG-H0881663

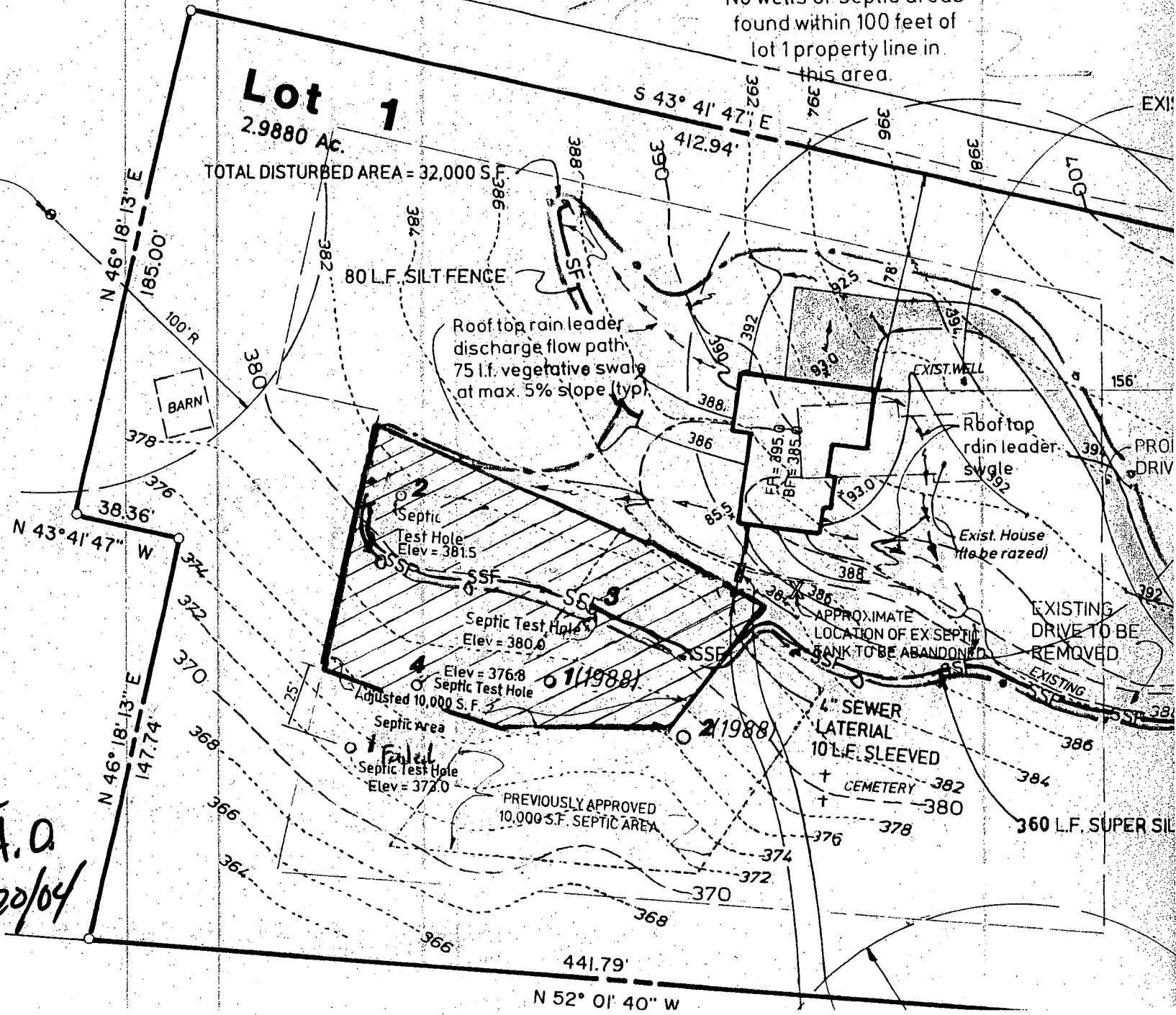
Owner = Matzner
L. 2436 F. 218
7310 Mink Hollow Road

LOT 2
RUSH SUBDIVISION
P. 8252

EX APPROVED
PTIC AREA

*Signed
New perc
Cert by H.A
on 7/20/04*

GENERAL NOTES



STORMWATER MANAGEMENT STATEMENT

Stormwater management for this project is being addressed by non-structural methods.
CHANNEL PROTECTION -
 The total developed impervious cover is 5,500 s.f. which generates less than 2.0 c.f.s. which is below the channel protection threshold.
QUALITY CONTROL
 Rooftop discharge control is being provided by rooftop disconnect - down spouts at each of the four corners of the house will discharge onto standard splash blocks and then onto vegetative swale 75 l.f. lng at less than a 5% slope.
 Drive surface runoff will sheet flow across the driveway onto vegetated lawn surface.

Owner = Black
 L. 3801 F. 196
 7302 Mink Hollow Road

No wells or septic areas found within 100 feet of lot 1 property line in this area.

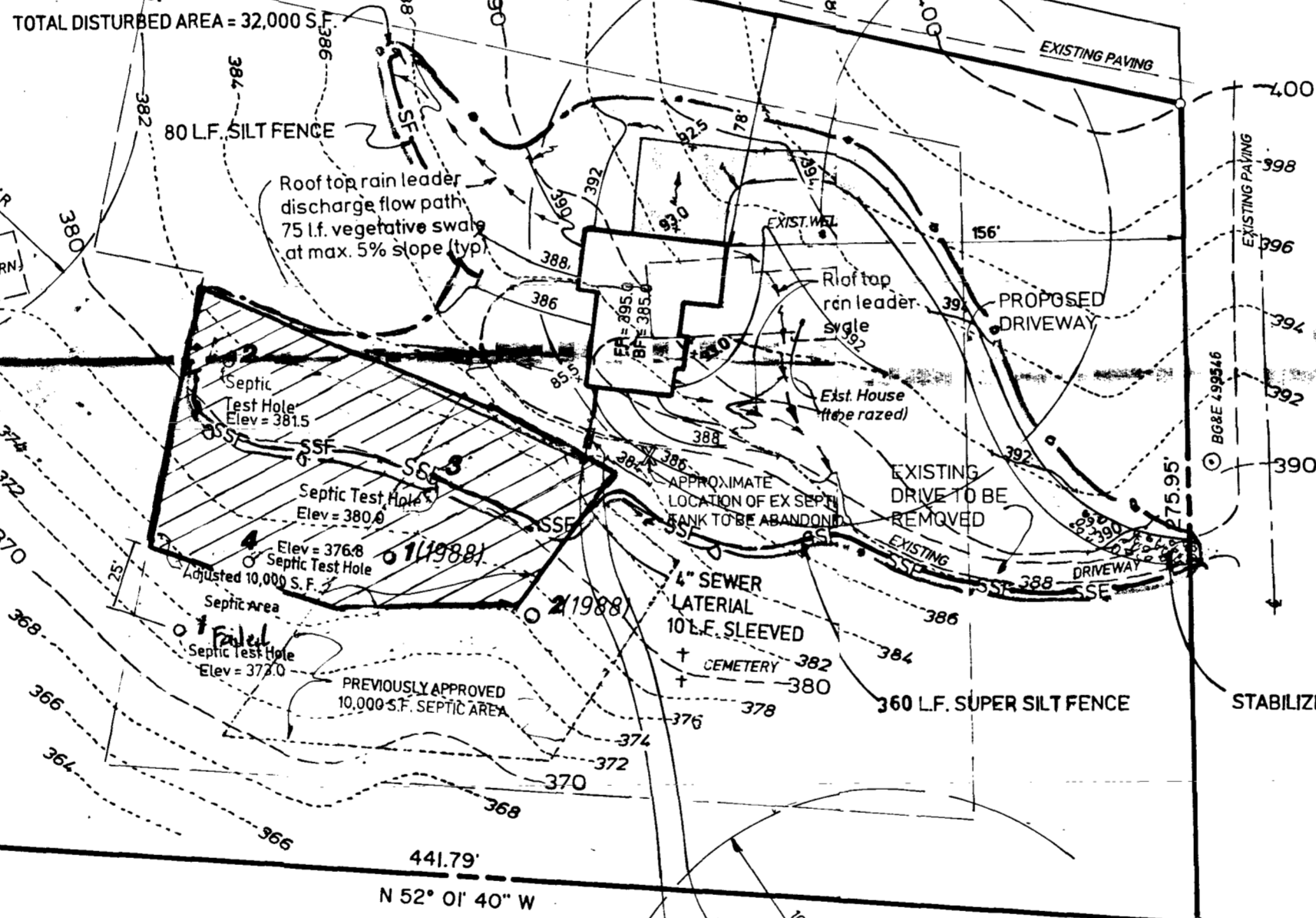
Owner = Matzner
 L. 2436 F. 218
 7310 Mink Hollow Road

EX WELL TAG-H0881663

APPROX APPROVED SEPTIC AREA

LOT 2
 RUSH SUBDIVISION
 P. 8252

Lot 1
 2.9880 Ac.
 TOTAL DISTURBED AREA = 32,000 S.F.



MINK HOLLOW ROAD

GENERAL NOTES

- Lot 1 is included on a Subdivision Plat recorded among the Land Records of Howard County, Maryland as Plat NC. 8252, recorded Nov. 23, 1988.
- Two foot contour topography and other existing site improvements, as shown, are from a field survey by this office, dated March, 2004.
- Zoning = R.
- All known or observed wells and septic areas within 100' of the subject lot are shown hereon.
- The area shown thus: [hatched box] designates a private sewage disposal area of at least 10,000 s.f. as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This disposal area shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to encroachments into the private sewage disposal area.
- Proposed grading and septic system detail to be modified at the time of building permit review.

APPROX EXIST SEPTIC AREA H.C. HEALTH DEPT FILES

APPROX LOCATION OF SEPTIC TANK FROM H.C. HEALTH DEPT. FILES

SEPTIC TANK DATA
 150 gallon tank
 Grde at tank = 386.0
 Top of tank = 384.5
 In/In = 383.7
 In/Out = 383.5

DISTRIBUTION BOX DATA
 Grde at box = 384.0
 Top of Box = 383.0
 In/In = 382.3
 In/Out = 382.2

AN BASEMENT PLUMBING REQUIRES PUMPING

Owner = Salmi
 L. 3058 F. 517
 7330 Mink Hollow Road

EX WELL (NO TAG)

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS:
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER [Signature] DATE 7/20/04

Site Address = 7318 Mink Hollow Road

<p>REVISIONS:</p> <ul style="list-style-type: none"> 5-06-04 Septic & SWM revision. 5-17-04 Septic & L.O.D., revised. 6-17-04 Septic Test Holes Added 7-01-04 Add. Well & septic notes. 7-12-04 Added Test Hole Numb. 7-13-04 Addn'l septic revisions 	<p>VICINITY MAP SCALE: 1" = 2,000'</p>
<p>PREPARED FOR: LAND DEVELOPMENT CORP. P.O. BOX 386 SANDY SPRING, MD 20860 (301) 924 - 2866 CONTACT: GIL WILLSON</p>	

TITLE: **Peric Certification PLAN**

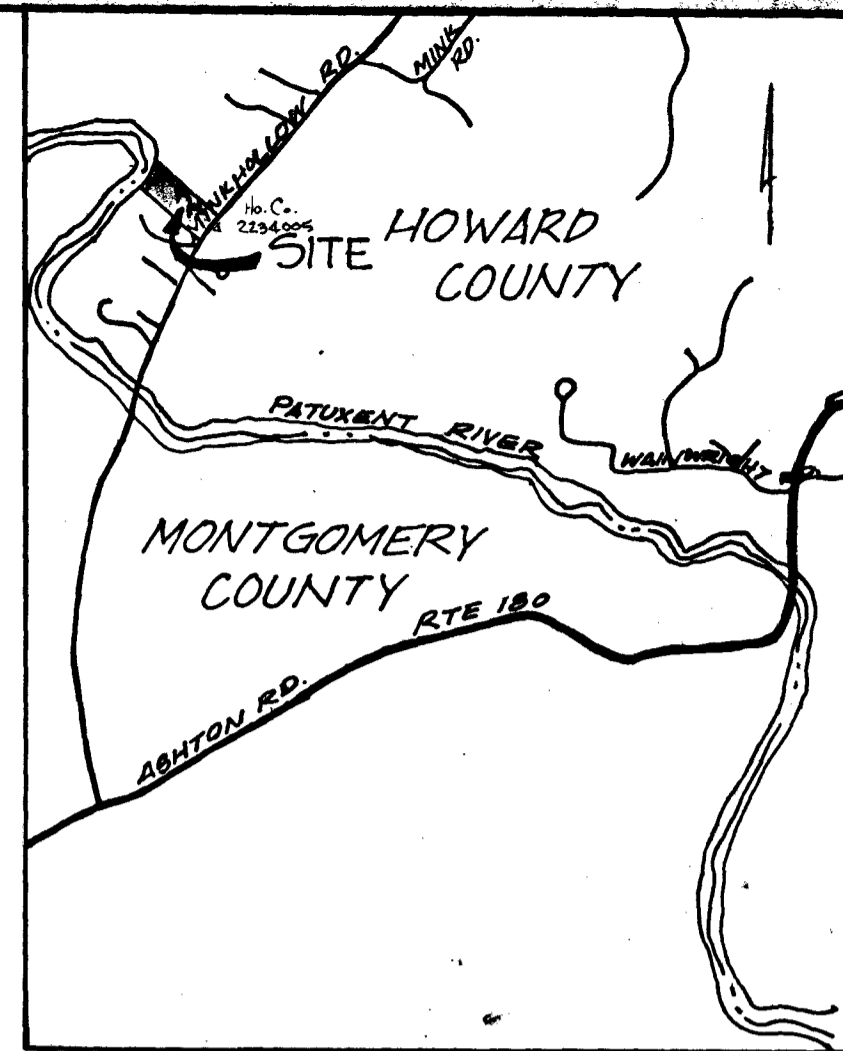
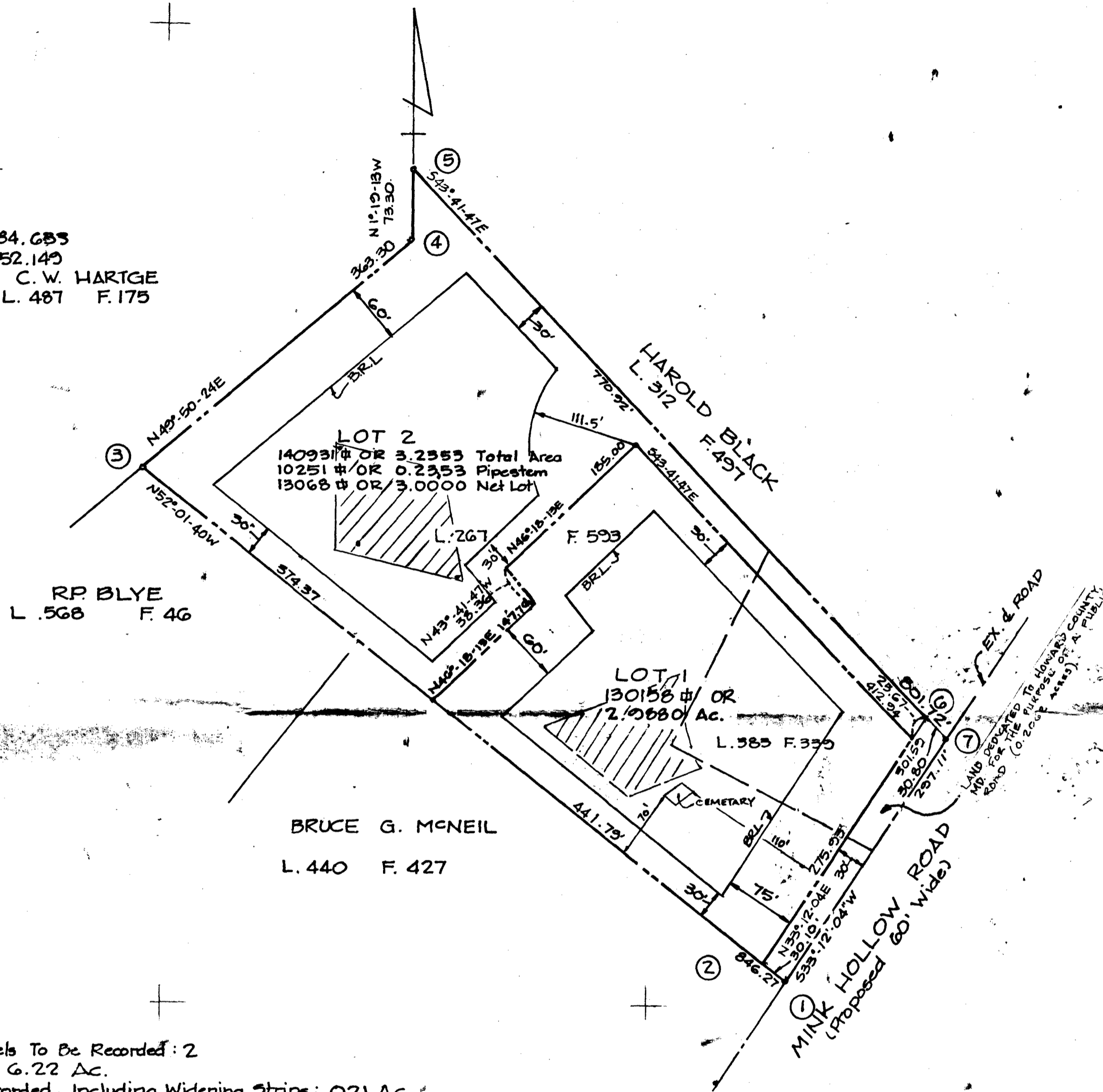
LOT 1 RUSH SUBDIVISION
 CLARKSVILLE (5th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

WITMER ASSOCIATES, LLC
 Land Surveying, Land Planning & Design
 354-A Hungerford Drive, Rockville, MD 20850
 Tele. (301) 309-8600 Fax: (301) 309-8603

SCALE: 1" = 50'	DATE: FEB, 2004	PROJ. NO.: 04773 A	SHEET NO.: 1 of 1
-----------------	-----------------	--------------------	-------------------

COORDINATE TABLE		
No.	NORTH	EAST
1	487526.254	801244.484
2	487544.776	801220.762
3	488046.947	800577.372
4	488281.245	800855.018
5	488354.520	800853.330
6	487797.135	801365.909
7	487774.865	801407.188

NOTE:
 THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON HOWARD COUNTY GEODETIC CONTROL SURVEY POINTS NUMBERED:
 2334004 N488905.856; E601084.653
 2234005 N487734.406; E601352.149
 C. W. HARTGE
 L. 487 F. 175



VICINITY MAP
 Scale: 1" = 200'

- NOTES:
- 1) [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - 2) THE LOTS HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
 - 3) SUBJECT PROPERTY IS ZONED "R" PER THE AUGUST 2, 1985 COMPREHENSIVE ZONING PLAN.
 - 4) FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY AND NOT ONTO THE FLAG OR PIPESTEM DRIVEWAY.
 - 5) 0' DENOTES IRON BAR OR IRON ROD TO BE SET.
 - 6) EXISTING STRUCTURE ON LOT 1
 - 7) WP-88-152 - WAIVER TO ALLOW REDUCTION OF THE MINIMUM ROAD FRONTAGE FROM 50. FT. TO 25 FT. FOR LOT 2.

AREA TABULATION
 1) Total Number Of Lots And/Or Parcels To Be Recorded: 2
 2) Total Area Of Lots And/Or Parcels: 6.22 Ac.
 3) Total Area Of Roadways To Be Recorded, Including Widening Strips: 0.21 Ac.
 4) Total Area Of Subdivision To Be Recorded: 6.43 Ac.

F. 88-283

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
Joyce Blye 9-28-88
 HOWARD COUNTY HEALTH OFFICER 77 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.
W. Allen Brown 11.17.88
 DIRECTOR LKS DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, & PUBLIC ROADS,
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
James J. Shaw 11/9/88
 DIRECTOR DATE

OWNER'S DEDICATION
 WE ARIEL N. RUSH AND HARRIET F. RUSH, HIS WIFE, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREETS RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE, THE BEDS OF STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

WITNESS MY/OUR HANDS THIS 7th DAY OF JUNE 1988.
 WITNESS *W. Allen Brown*
 WITNESS *W. Allen Brown*

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY TO THE BEST OF MY BELIEF AND KNOWLEDGE THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY C. ORMAN MANAHAN TO ARIEL N. RUSH AND HARRIET F. RUSH, HIS WIFE, BY DEED DATED MAY 14, 1962, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 383 AT FOLIO 339, AND A PART OF THE LANDS CONVEYED BY PEGGY H. CONNER AND CHARLES E. CONNER, HER HUSBAND TO ARIEL N. RUSH AND HARRIET F. RUSH, HIS WIFE, BY DEED DATED MAY 11, 1955, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 267 AT FOLIO 593, THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION, BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.
 DATE 6/8/88 W. Allen Brown
 W. ALLEN BROWN MD. NO. 299

AL BROWN SURVEYS, INC.
 LAND SURVEYING & ENGINEERING
 7305 MINK HOLLOW ROAD
 HIGHLAND, MARYLAND 20777
 (301) 854-0913

RECORDED AS PLAT NUMBER 8552
 ON 11/21/88 AMONG THE
 LAND RECORDS OF HOWARD CO., MD.

RUSH SUBDIVISION
 SIGNED LOTS 1 & 2 file copy
 CLARKSVILLE (5th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TM. 40 PARCELS 20 & 228
 Scale: 1" = 100'
 ZONED RURAL JUNE, 1988
 Sheet 1 of 1



KAPPE ASSOCIATES, INC.
SCIENTIFIC RESEARCH DIVISION

100 WILMANS MILL COURT, FREDERICK, MD 21701 • 301-846-0210 • FAX 301-846-0808

**REPORT OF EXAMINATION
OF A WATER SAMPLE**

MD Cert. #102 PA Cert. #68-189

TO: Gil Wilson
Land Development Corp.
Box 386
Sandy Spring, MD 20860

Sample Ident. No.: 503-2538
Type of Water: Drinking Water
Date (Time) Collected: 03-28-05 (1050)
Date (Time) Received: 03-28-05 (1230)
Date (Time) Examined: 03-28-05 (1500)

Nature of Submission: Routine Sample Preservation Method: Refrigeration
Name of Sample Source: Kitchen Sink Source Type: Well
Mun.,Inst.,Co.,Owner: Gil Wilson
Address: 7318 Mink Hollow Road Chlorine Residual: 0.0 mg/L
City,County: Highland pH (pH Units)(Field) = 6.7
State,Zip Code: MD 20777 Disinfection: None
Turbidity (NTU's) = 2.3
Sand (as mg TSS/L) = 2
Well Tag# HO-94-3974
Collector's Name: Kelly Williams 2704-KW Affiliation: Kappe Associates, Inc.

RESULTS OF A BACTERIOLOGICAL AND NITRATE EXAMINATIONS

DESCRIPTION OF SAMPLE	TOTAL COLIFORM	E. COLI	TOTAL BACTERIA	NITRATE (as N)
DRINKING WATER	Absent**	Absent		1.0 mg/L
EXAMINATION METHOD USED	Colilert	Colilert	SM 9215	
THIOSULFATE IN SAMPLE:	Present	SAMPLE HOLDING TIME:		Not Exceeded

RECORD OF MPN TEST RESULTS

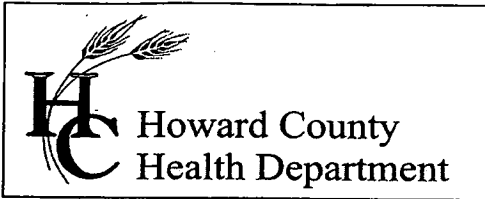
RESULTS EXPRESSED AS NO. OF POSITIVE TUBES/TOTAL NO. OF TUBES INNOCULATED AT EACH DILUTION

DILUTION FACTOR	10 ¹	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵
STANDARD PORTION (mL)	10	1	1	1	1	1	1
PRE-SUMPTIVE	24HR						
TEST *	48HR						
COL FORM	Total						
CONFIRMED	48HR #						
TEST	FECAL						
	24HR ##						

* LAURYL SULFATE @ 35° C #BGB BROTH @ 35° C ## EC MEDIUM @ 44.5° C

REMARKS and OTHER INFORMATION: **This sample meets the federal/state Safe Drinking Water Act standards of no coliform bacteria per 100 milliliters and less than 10 milligrams nitrate nitrogen per liter.

BACTERIOLOGIST'S SIGNATURE: *Julia M. Patel* BACTERIOLOGIST'S NAME: Julia M. Patel DATE: 04/04/05



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 20, 2005

Ashton Builders
Box 286
Sandy Spring, MD 20860

SENT VIA FACSIMILE 410-774-5396

RE: Rush Property, Lot 1
7318 Mink Hollow Road
Highland, MD 20777
BP #: B00147545
Well Permit # HO-94-3974

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 11/15/2004. Final approval of the well line connection to the dwelling was approved on 11/30/2004.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

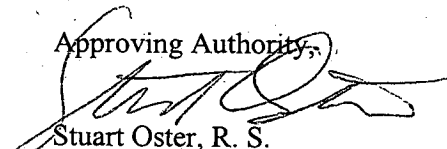
INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3974. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 03/28/2005
Date of Well Completion: 08/04/2004

Approving Authority,


Stuart Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File