

LAYOUT 11/13/02 1130am INSP 4 _____
INSP 2 11/14/02 3-4pm INSP 5 _____
INSP 3 11/15/02 11Am INSP 6 _____

ISSUE DATE: 8/29/2002

PERMIT

P 517440

APPROVAL DATE: 11/15/02

A 514991

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐
ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670
SUBDIVISION: Humphries Property LOT NUMBER: 2
ADDRESS: 14456 Triadelphia Mill Road PROPERTY OWNER: Mark Darden
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: 210 *280 if possible*
LINEAR FEET OF TRENCH REQUIRED: 265-270 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	Layout inspection extremely important to ensure initial septic system is installed to best utilize septic easement for future repairs.

PLANS APPROVED: Steven R. Krieg ^{1MR} OK SRK 5/14/02 DATE: 5/08/2002

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 NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

Hand-drawn site plan of the Triadelphia Mill. The plan shows a building with a curved roofline and a garage labeled 'GAR'. A patio area is marked 'PATIO NOT ON FOUNDATION'. A road is shown at the bottom right. Dimensions are provided for various areas: 75' for the building's width, 10' CTC for the patio area, 32' for the building's depth, 21' for the patio area, 60' for the building's length, 38' for the garage area, and 30' for the road. Handwritten notes include 'SBA deleted OK SRK', 'OK TO SET TANK', and 'H-94-0085'. The plan is titled 'NOT TO SCALE' and 'TRIADELPHIA MILL'.

75' 75' 75' 75' 10' CTC 10' CTC 10' CTC 10' CTC 32' 21' 60' 38' 30'

SBA deleted OK SRK

OK TO SET TANK

H-94-0085

PATIO NOT ON FOUNDATION

GAR

TRIADELPHIA MILL

ROAD

TRENCH/RAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3</u>	<u>3</u>	<u>5</u>
NUMBER OF TRENCHES		<u>4</u>
TOTAL LENGTH		<u>300</u>
ABSORPTION AREA		<u>900 ft²</u>
DISTRIBUTION BOX LEVEL		<u>✓</u>
DISTRIBUTION BOX BAFFLE		<u>✓</u>
DISTRIBUTION BOX PORT		<u>NA</u>

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL ✓

CAPACITY 1250 GAL

SEAM LOC top

TANK LID DEPTH _____

BAFFLES Front & Rear

BAFFLE FILTER NA

MANHOLE LOC middle

6" PORT LOC front

WATERTIGHT TEST NA

SEPTIC TANK 2 LEVEL NA

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

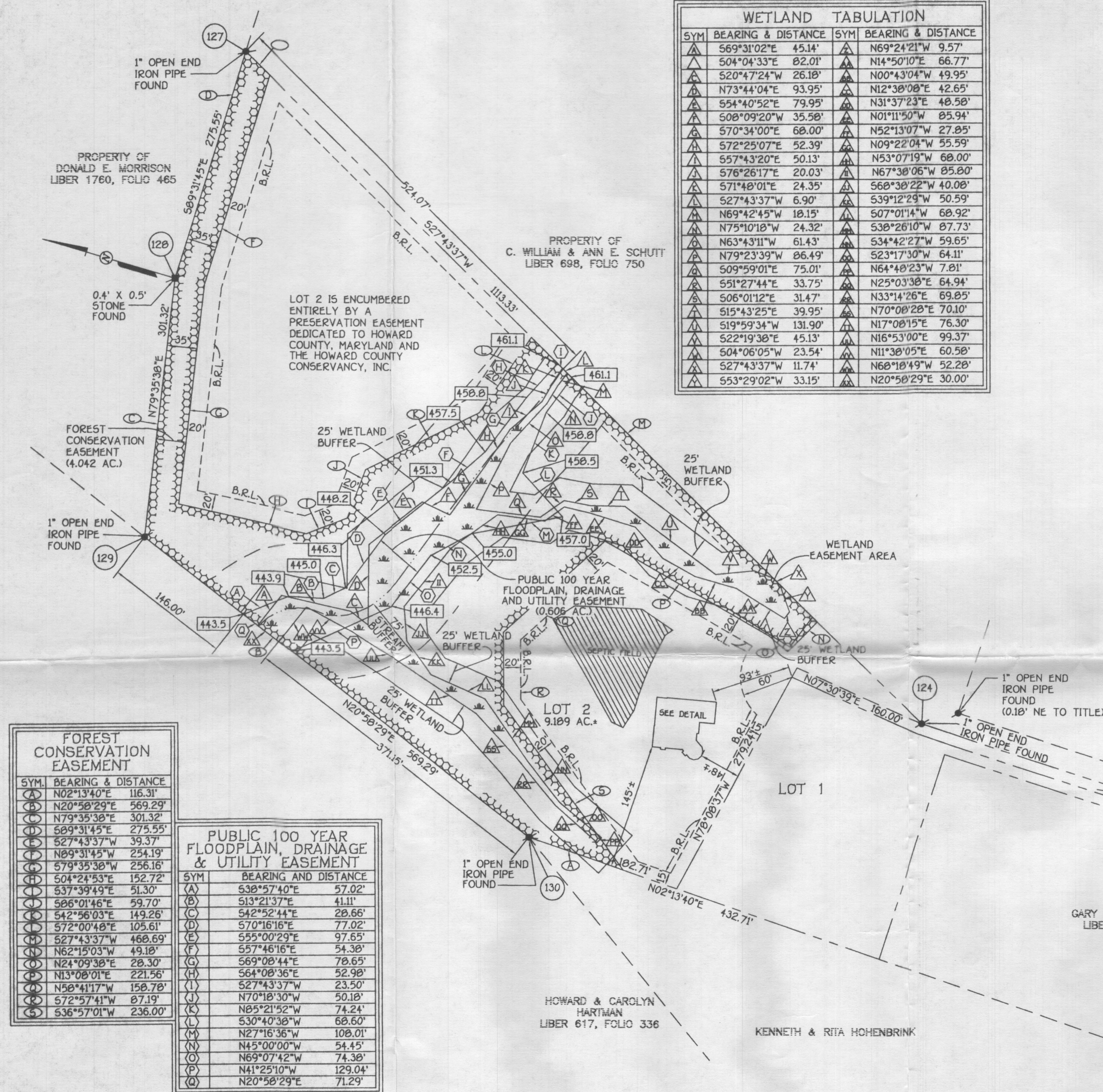
BAFFLE FILTER _____

MANHOLE LOC _____

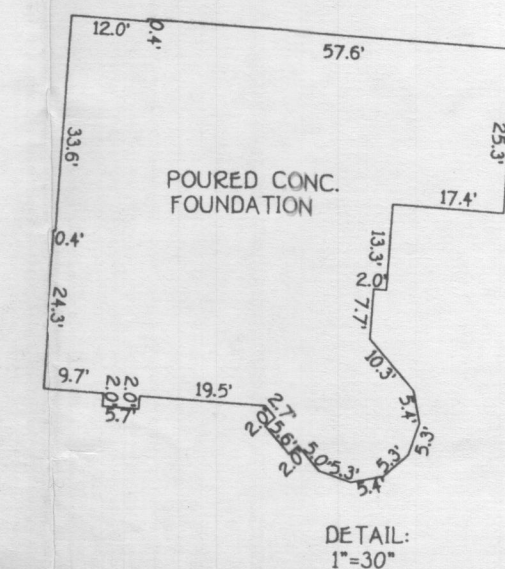
6" PORT LOC _____

WATERTIGHT TEST _____

PRE-CONSTRUCTION 11/13/02 - VERIFIED STAKES, SHOT GRADES, HAD TO LEAVE
SITE (SCHEDULING CONFLICT) - (SRK) 11/13/02 - RETURNED TO SITE, OK TO INSTALL
INSTALLATION 4-70' TRENCHES TOWARDS LEFT SIDE OF SDA, W-BOX JAN. 69640
PER BP PLAN, BECAUSE OF CONTOUR, OK TO BE 6" TO 1' DEEPER WITH TRENCHES
ON HIGH SIDE - (SRK). 11/14/02 Keep d.b. open for water ~~test~~ measure
off house corner. Spoke to Skip, the homeowner, about 10' dist.
from S.T. to deck & 20' from SDA. Trench bottom measured 8 1/2"
for lowest trench; other trenches not dug yet. Septic installers
not present. (KN) 11/15/02 - OK TO COVER ALL WORK, DISTRIBUTION BOX
TESTED FOR EQUAL WATER DISTRIBUTION - (SRK)
FINAL INSPECTOR Steven R. Krug DATE OF APPROVAL 11/15/02



GENERAL NOTES:



25' WIDE PRIVATE USE-IN-COMMON ACCESS
EASEMENT ACROSS LOTS 1 AND 2 FOR
THE USE AND BENEFIT OF LOTS 1 AND 2.
MAINTENANCE AGREEMENT RECORDED IN
LIBER 3044 AT FOLIO 0009.

GARY & KATHRYN TRAVERS
LIBER 956, FOLIO 495

HOWARD & CAROLYN
HARTMAN
LIBER 617, FOLIO 336

KENNETH & RITA HOHENBRINK

6/28/02
- wall Check
OKSRN

HOUSE LOCATION
DRAWING
HUMPHRIES PROPERTY
LOTS 2
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT No. 11173

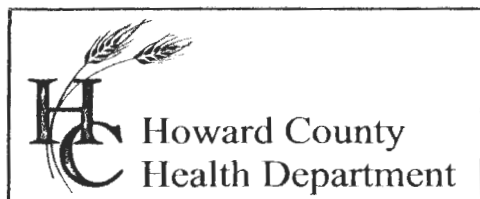
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

B.R.L.=BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 484.7'



FOUNDATION LOCATION: 6/03/02
FINAL LOCATION: _____
BOUNDARY SURVEY: _____
SCALE: 1"=100'
DATE: 6/04/02
DRAWN BY: D.B.
CHECKED BY: _____
PROJECT No.: 61612

6/04/02
DATE



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

May 15, 2003

Mark Darden
14450 Triadelphia Mill Road
Dayton, MD 21036

SENT VIA FACSIMILE 410-489-0319 (Patapsco Homes)

RE: Humphries Property, Lot # 2
14456 Triadelphia Mill Road
BP # B00135254
Well Permit #HO-94-0085

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 11/15/2002.

This is a **Temporary Deviation** to the Code of Maryland Regulations (COMAR 26.04.04) to allow additional time for a well failing certificate of potability requirements to be brought into compliance with these regulations. This deviation requests that bottled water shall be used for drinking purposes in the interim period of time (**fifteen days**) to allow for additional disinfection procedures as described in Regulation COMAR 26.04.04.07N. **Documentation of a bacteria level below the limit shall be submitted to this office by a state certified lab within fifteen days of the date of this letter.**

By the end of the interim period (**fifteen days**), a determination shall be made by the Health Department whether to:

- a) accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B3a and issue a standard Interim Certificate of Potability or
- b) issue a Permanent Deviation under the condition that prior health department approval has been granted in order to install an ultraviolet light or other suitable disinfection system or
- c) issue an order that the well is abandoned and sealed

Issuance of this Temporary Deviation is based on information submitted by the potential occupant of the dwelling. By issuance of this letter, the Health Department recommends release of the Use and Occupancy permit for the above referenced property.

Date of Water Sample: 5/12/2003
Date of Well Completion: 6/14/1994
(HO-94-0085)

Respectfully,

Steven R. Krieg
Registered Environmental Sanitarian
Well and Septic Program

sjn
cc:

Building Inspector's office,
Community Services
File



Howard County
Health Department

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

May 15, 2003

Mark Darden
14450 Triadelphia Mill Road
Dayton, MD 21036

SENT VIA FACSIMILE 410-489-0319 (Patapsco Homes)

RE: Humphries Property, Lot # 2
14456 Triadelphia Mill Road
BP # B00135254
Well Permit #HO-94-0085

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 11/15/2002.

This is a **Temporary Deviation** to the Code of Maryland Regulations (COMAR 26.04.04) to allow additional time for a well failing certificate of potability requirements to be brought into compliance with these regulations. This deviation requests that bottled water shall be used for drinking purposes in the interim period of time (**fifteen days**) to allow for additional disinfection procedures as described in Regulation COMAR 26.04.04.07N. **Documentation of a bacteria level below the limit shall be submitted to this office by a state certified lab within fifteen days of the date of this letter.**

By the end of the interim period (**fifteen days**), a determination shall be made by the Health Department whether to:

- a) accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B3a and issue a standard Interim Certificate of Potability or
- b) issue a Permanent Deviation under the condition that prior health department approval has been granted in order to install an ultraviolet light or other suitable disinfection system or
- c) issue an order that the well is abandoned and sealed

Issuance of this Temporary Deviation is based on information submitted by the potential occupant of the dwelling. By issuance of this letter, the Health Department recommends release of the Use and Occupancy permit for the above referenced property.

Date of Water Sample: 5/12/2003
Date of Well Completion: 6/14/1994
(HO-94-0085)

Respectfully,

Steven R. Krieg
Registered Environmental Sanitarian
Well and Septic Program

sjn

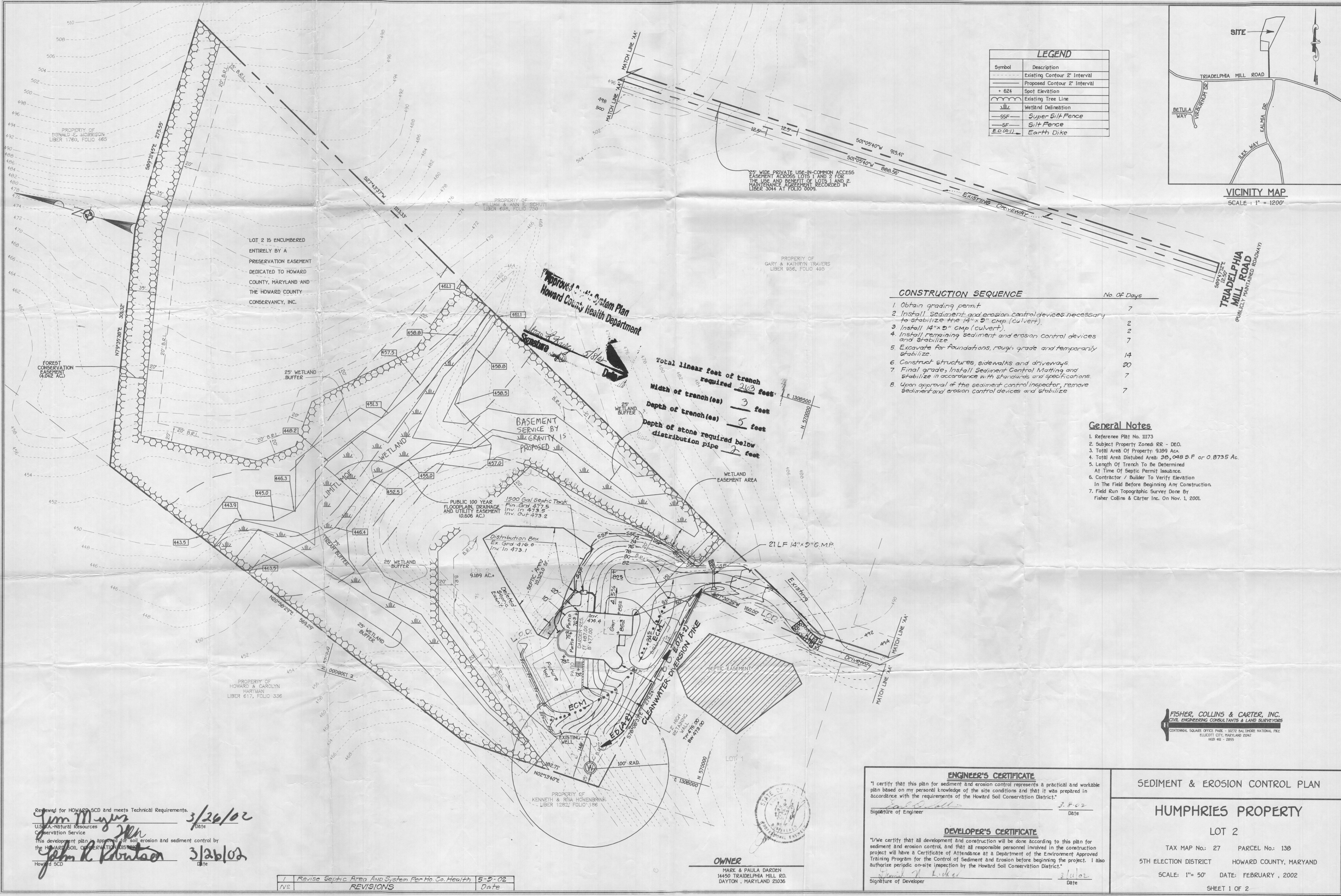
cc: Building Inspector's office,
Community Services
File

HP Fax K1220

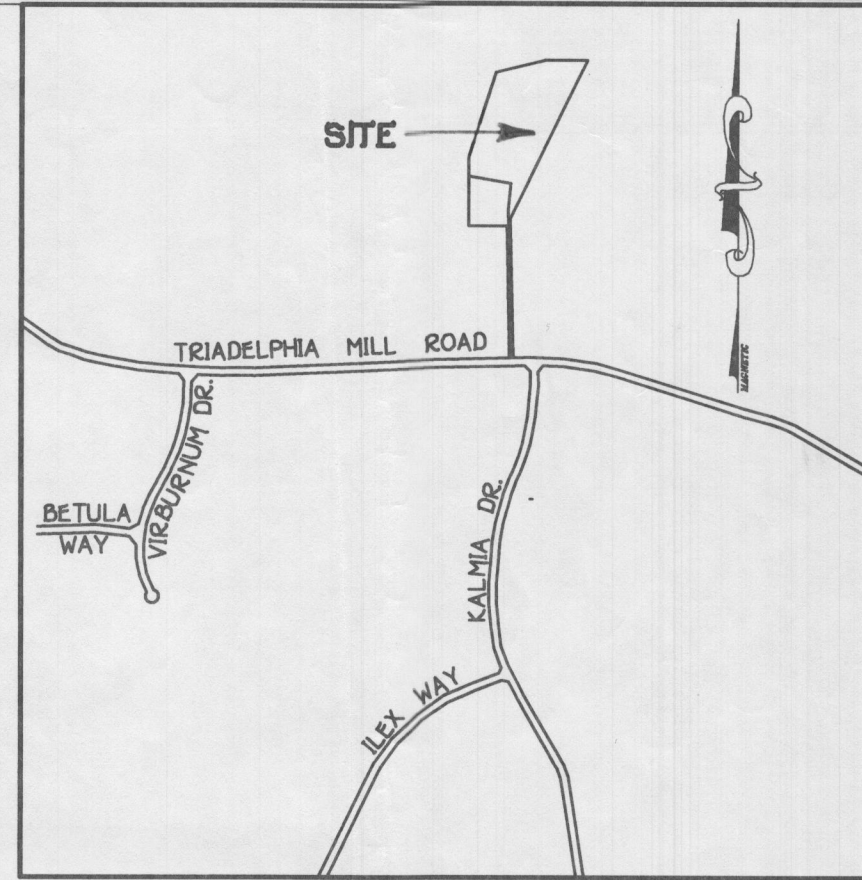
Log for
HO CO ENV HEALTH
14103132648
May 15 2003 3:44pm

Last Transaction

<u>Date</u>	<u>Time</u>	<u>Type</u>	<u>Identification</u>	<u>Duration</u>	<u>Pages</u>	<u>Result</u>
May 15	3:43pm	Fax Sent	1861	0:44	2	OK



LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
- - -	Proposed Contour 2' Interval
+ 624	Spot Elevation
---	Existing Tree Line
	Wetland Delineation
---	Super Silt Fence
SF	Silt Fence
E.C.(4:1)	Earth Dike



VICINITY MAP
SCALE: 1" = 1200'

CONSTRUCTION SEQUENCE	
	No. Of Days
1. Obtain grading permit	7
2. Install sediment and erosion control devices necessary to stabilize the 14"x9" c.m.p. (culvert).	2
3. Install 14"x9" c.m.p. (culvert).	2
4. Install remaining sediment and erosion control devices and stabilize.	7
5. Excavate for foundations, rough grade and temporarily stabilize.	14
6. Construct structures, sidewalks and driveways.	20
7. Final grade, install sediment control matting and stabilize in accordance with standards and specifications.	7
8. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7

General Notes

1. Reference Plat No. 11173
2. Subject Property Zoned RR - DEO.
3. Total Area Of Property: 9.189 Ac.
4. Total Area Disturbed Area: 38,048 S.F. or 0.8735 Ac.
5. Length Of Trench To Be Determined At Time Of Septic Permit Issuance.
6. Contractor / Builder To Verify Elevation In The Field Before Beginning Any Construction.
7. Field Run Topographic Survey Done By Fisher Collins & Carter Inc. On Nov. 1, 2001.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2895

ENGINEER'S CERTIFICATE	
"I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."	
Signature of Engineer	3/8/02 Date
DEVELOPER'S CERTIFICATE	
"I/we certify that all development and construction will be done according to this plan for sediment and erosion control, and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."	
Signature of Developer	3/11/02 Date

SEDIMENT & EROSION CONTROL PLAN	
HUMPHRIES PROPERTY	
LOT 2	
TAX MAP No: 27	PARCEL No: 138
5TH ELECTION DISTRICT	HOWARD COUNTY, MARYLAND
SCALE: 1" = 50'	DATE: FEBRUARY, 2002
SHEET 1 OF 2	

Reviewed for HOWARD SCD and meets Technical Requirements.
3/26/02
Date
Jim M. Myers
U.S.A. Natural Resources
Conservation Service
This development plan is approved for soil erosion and sediment control by
the HOWARD SOIL CONSERVATION DISTRICT
3/26/02
Date
John R. Robinson
Howard SCD

1	Revise Septic Area And System Per Ho. Co. Health	5-9-02
N/S	REVISIONS	Date

OWNER
MARK & PAULA DARDEN
14450 TRIADAPLHIA MILL RD.
DAYTON, MARYLAND 21036



TOTAL ~~880~~ Linear ft.
All 3 systems 749 Linear ft

32
12
5
12
5
566
13 square

SEPTIC SPECIFICATIONS WORKSHEET

SRK/MR

SUBDIVISION: Humphreys Property
STREET NAME: Triadelphia Mill Rd LOT NUMBER: 514991
AVERAGE PERCOLATION RATE: 13 square SQUARE FEET PER BEDROOM: Initial at 210 - 2 repairs at 180 -
NUMBER OF BEDROOMS: 4 (est) LINEAR FEET OF TRENCH PER BEDROOM: 20 (80)
TOTAL LINEAR FEET OF TRENCH: (260-270) 280 (320 Initial Install) SEPTIC TANK CAPACITY: 1250
TOP SEAMED TANK REQUIRED? YES OR NO COMPARTMENTED TANK REQUIRED? YES OR NO

TRENCH DIMENSIONS: Trench to be 3' feet wide. Inlet 2 1/2 feet below original grade.
Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES OR NO

Pumped Septic System Detail: NO gallon(s) pump chamber.

Top Seamed Pump Chamber Required? YES OR NO

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pump septic system.

LOCATION: Place the distribution box as shown on the approved site plan. Run trenches on contour.

ADDITIONAL NOTES: Lay out inspection critical,

Reviewer:

SRK/MR

Date:

5/8/02

DO NOT DISCARD

A 48146B (former A17459)

SUBDIVISION: Humphries Property
(Formerly lot 7 Coleman, Russell Property)
DRY WELL OR DRY WELL AND TRENCH

LOT NUMBER: DB

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 2½ feet below original grade.

Bottom maximum depth 4½ feet below original grade.

Effective area begins at 2½ feet below original grade.

2 feet of stone below distribution pipe.

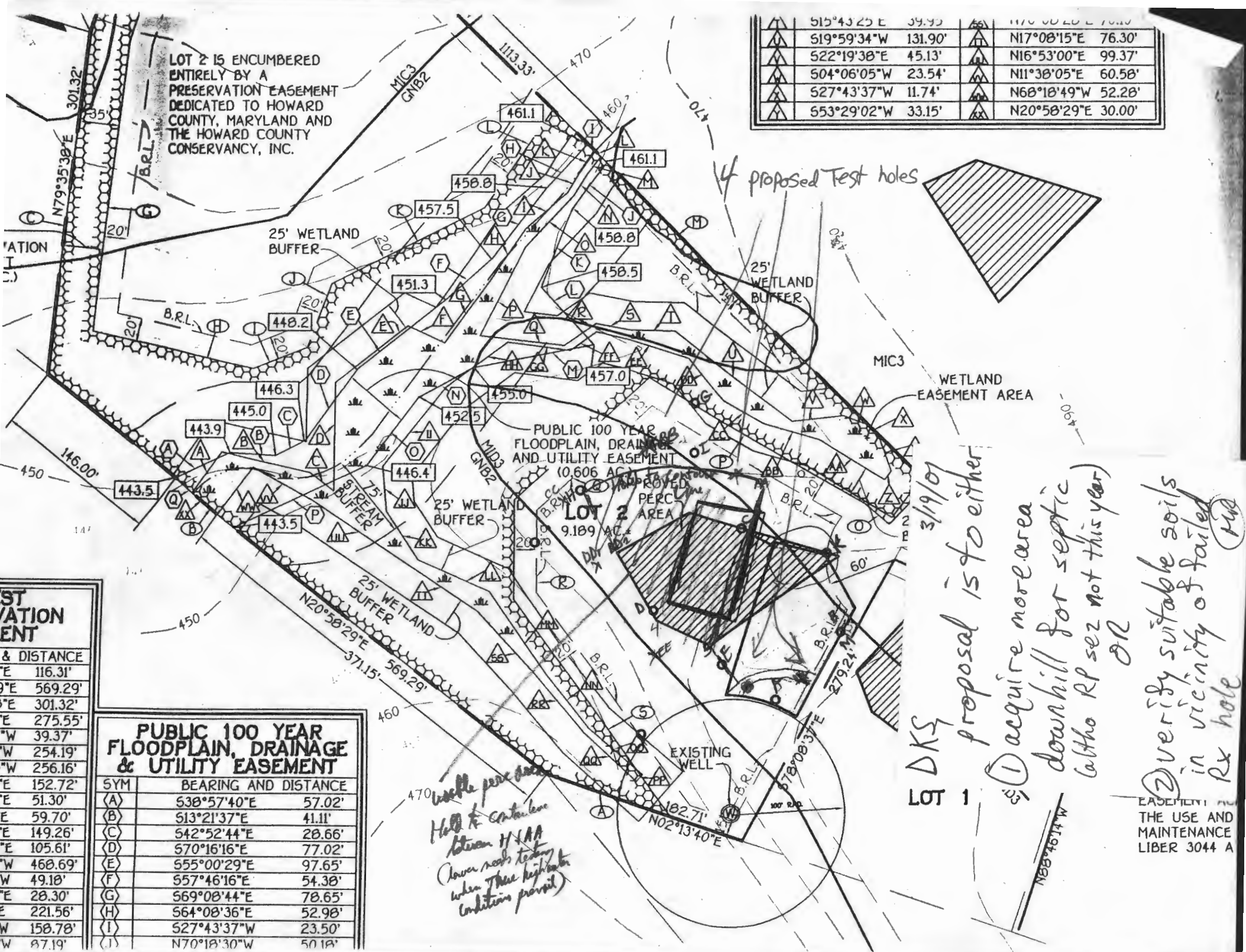
- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: Place Distribution Box 50' From Front (279.24') Lot Line
and 235' From Intersection corner of front and Left Side
(182.71') Property lines. Install Trenches on Contour Toward
Left Lot Line. RJP 12/9/93

Note Maintain 100 ft well to septic separation distance.

LOT 2 IS ENCUMBERED ENTIRELY BY A PRESERVATION EASEMENT DEDICATED TO HOWARD COUNTY, MARYLAND AND THE HOWARD COUNTY CONSERVANCY, INC.

515°43'25"E	39.95'	517°00'20"E	70.10'
519°59'34"W	131.90'	N17°08'15"E	76.30'
522°19'38"E	45.13'	N16°53'00"E	99.37'
504°06'05"W	23.54'	N11°38'05"E	60.58'
527°43'37"W	11.74'	N68°18'49"W	52.28'
553°29'02"W	33.15'	N20°58'29"E	30.00'



STATION
ENT

SYMBOL	BEARING AND DISTANCE
(A)	538°57'40"E 57.02'
(B)	513°21'37"E 41.11'
(C)	542°52'44"E 28.66'
(D)	570°16'16"E 77.02'
(E)	555°00'29"E 97.65'
(F)	557°46'16"E 54.38'
(G)	569°08'44"E 78.65'
(H)	564°08'36"E 52.98'
(I)	527°43'37"W 23.50'
(J)	N70°18'30"W 50.18'

PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT

SYMBOL	BEARING AND DISTANCE
(A)	538°57'40"E 57.02'
(B)	513°21'37"E 41.11'
(C)	542°52'44"E 28.66'
(D)	570°16'16"E 77.02'
(E)	555°00'29"E 97.65'
(F)	557°46'16"E 54.38'
(G)	569°08'44"E 78.65'
(H)	564°08'36"E 52.98'
(I)	527°43'37"W 23.50'
(J)	N70°18'30"W 50.18'

Handwritten note:
Hatched area
between H & A
(lower road testing
when these high water
conditions prevail)

DKS
LOT 1
3/19/07
proposal is to either
① acquire more area
downhill for septic
(altho RP sez not this year)
OR
② verify suitable soils
in vicinity of failed
Rx hole

EASEMENT IN
THE USE AND
MAINTENANCE
LIBER 3044 A