

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Elllicott Mills Drive
Elllicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

February 5, 1986

Mr. & Mrs. William Eichborn
9340 Edmonston Road #302
Greenbelt, Maryland 20770

RE: Percolation Re-Test
Lot 15 - Triadelphia Mill Farms
Hallowell Court

Dear Mr. & Mrs. Eichhorn:

Percolation testing conducted November 21, 1985 on the above referenced lot indicated satisfactory soil conditions.

Approval of the adjusted sewage disposal easement is contingent upon submission of a plat showing test hole locations and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

Craig Williams, Director
Water and Sewerage Program

CW:JR

SEPTIC SYSTEM DATA
 DISTANCE BOX
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20

TRENCH #1 (14' x 6')
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20

TRENCH #2 (14' x 6')
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20

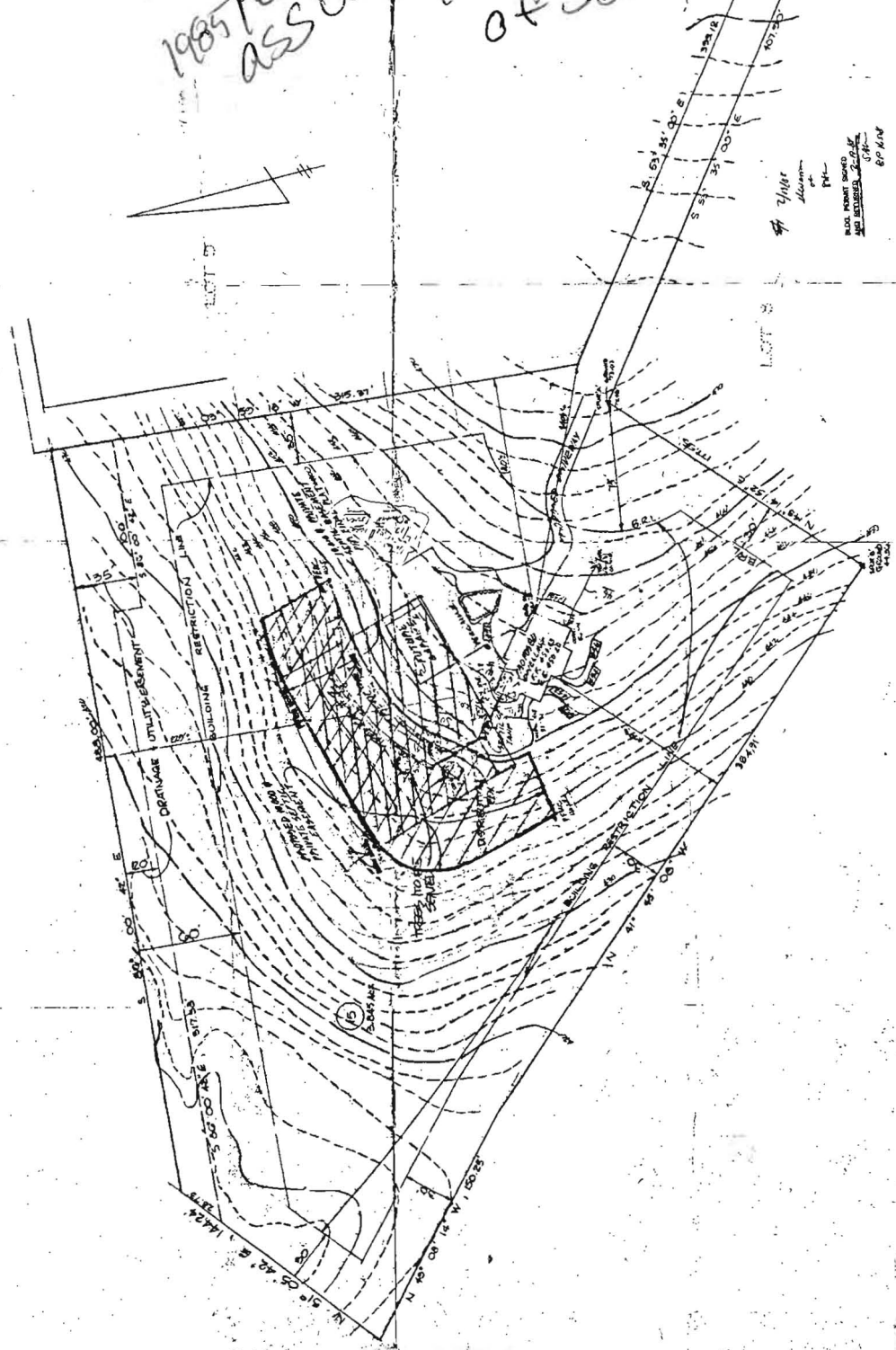
TRENCH #3 (14' x 6')
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20

TRENCH #4 (14' x 6')
 INCHES 491.20
 INCHES 491.20
 INCHES 491.20

*Building Permit
 1985 Perc Test locations illustrated
 assumed to be accurate
 1985 re-configuration
 of SDA*

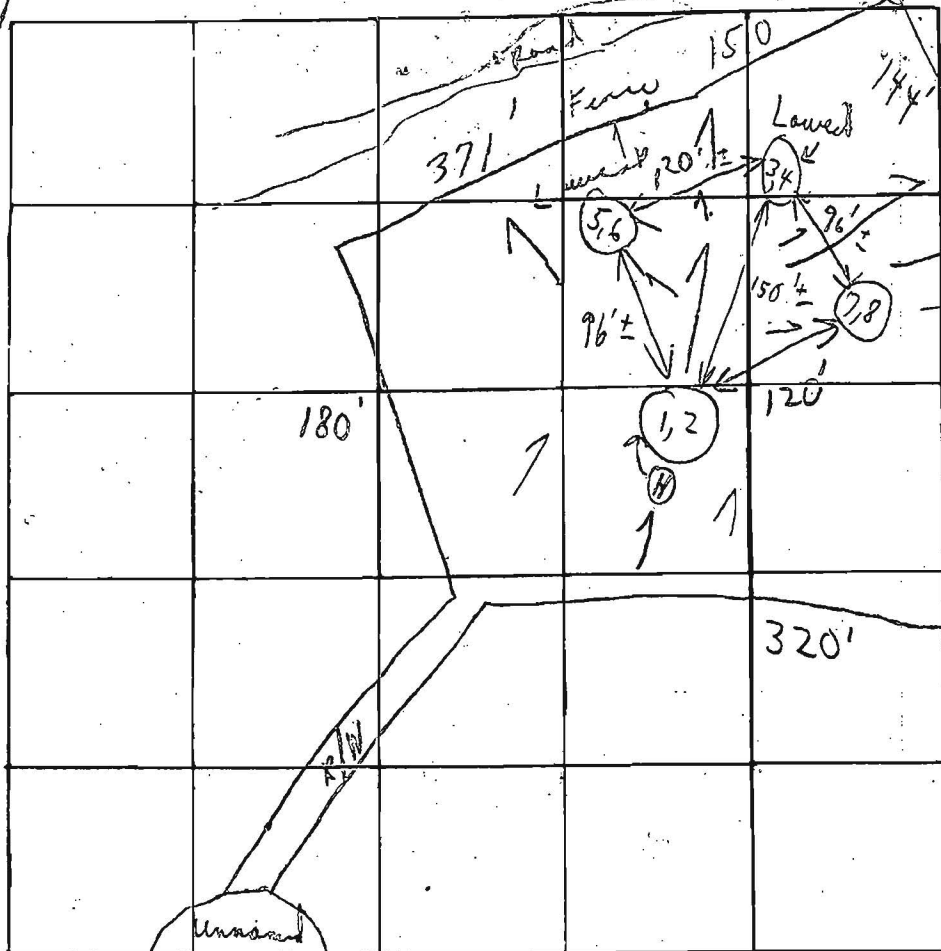
TRIADELPHIA MILL FARMS
 LOT # 15
 SECTION AREA 2
 SECTION DISTRICT

REV 7/15/87



ELIMATED / ANE

15 sheet 1



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Soil Profile

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/70	1	3 1/2'	2:52	2:53	2:53	2:54	1 m
	① 2	11 1/2'	2:52	2:55	2:55	3:01	6 m
	3	4'	2:13	2:14	2:14	2:16	2 m
	4	11'	2:13	2:14	2:14	2:16	2 m
	5	4 1/2'	2:35	2:37	2:37	2:49	12 m
	6	11 1/2'	2:35	2:36	2:36	2:38	2 m
	7	3 1/2'	2:19	2:22	2:22	2:26	4 m
	8	11'	2:21	2:23	2:23	2:27	4 m
						8	33

Below
clay
sandy
loam

Some
sandstone
shows out
Sample 7 3 1/2'
5 min
120 #/B.R.

REMARKS Tests in woods { Hold for certified holes }

TYPE OF SOIL C.O.L.D

TESTED BY C.B.D ALSO PRESENT J.P. Wheeler + son

12/13/88
H.C. & D.
P.C.C. & C.C.C.

Fisher

12/13 P.M. ① P.C.C. C.C.C.
P.M. ② P.C.C. C.C.C.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-391660

P 43584

A 36145

DISTRICT 5th

DATE 2/6/89

DATE SYSTEM APPROVED 12/13/88

INSPECTOR C.B. [Signature]

INDEXED

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Triadelphia Mill Farms ROAD 13942 Hallowell Ct. LOT 15

PROPERTY OWNER William and Sarah Eichhorn

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 5

Design
OK for
5 Bedrooms
at 0.6 gpd/ft

TRENCHES - 163 feet of trench needed. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Place the first trench 230 feet down the left (384.91') lot line and 140 feet off the same lot line as seen when facing the lot from Right-of-way off Hallowell Court. Run trench(s) on contour toward front right side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY Sid Abel/C. Williams DATE 1/26/88

COVER NO WORK UNTIL INSPECTED AND APPROVED

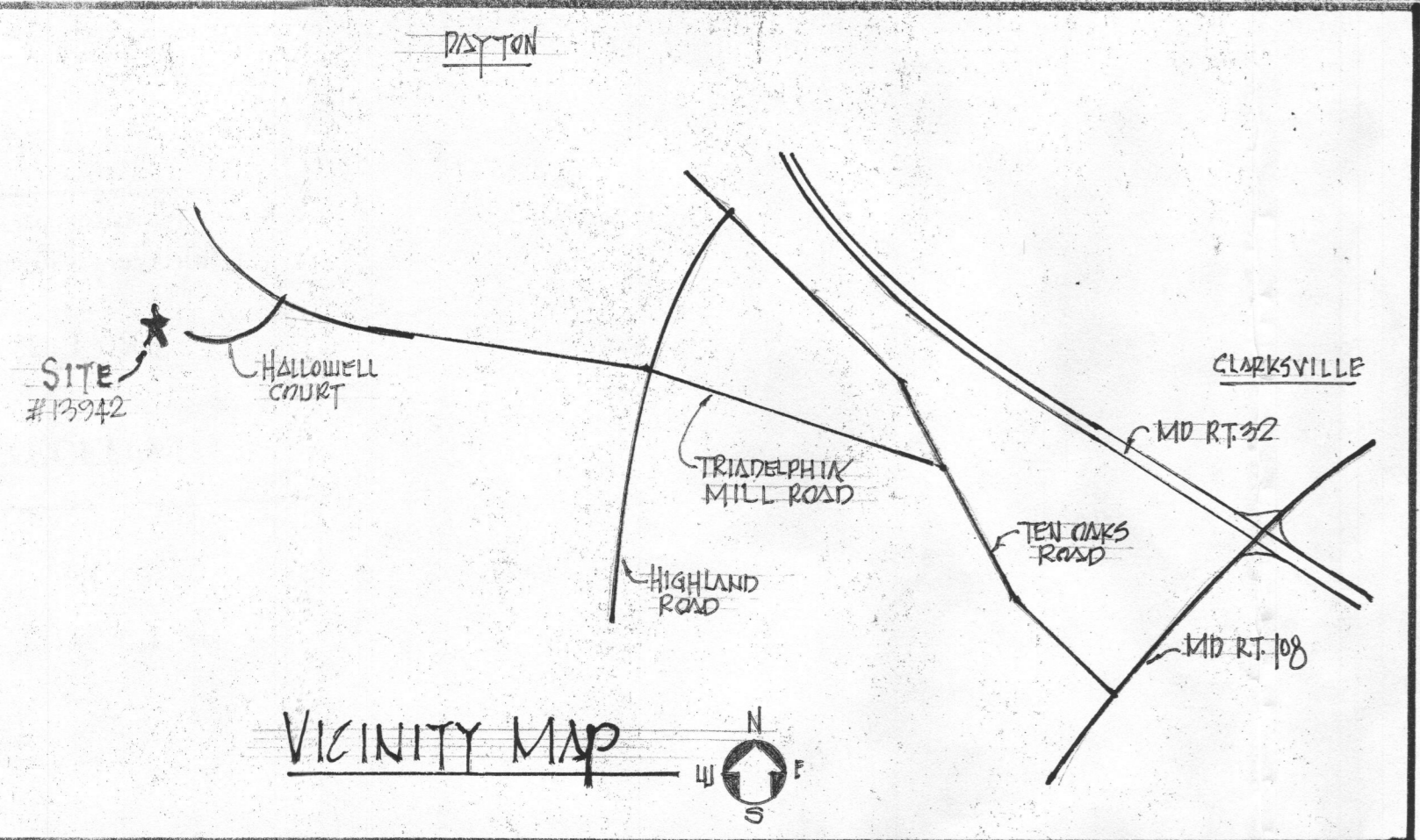
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
- NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS
- PERMIT VOID AFTER TWO YEARS
- NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A361415



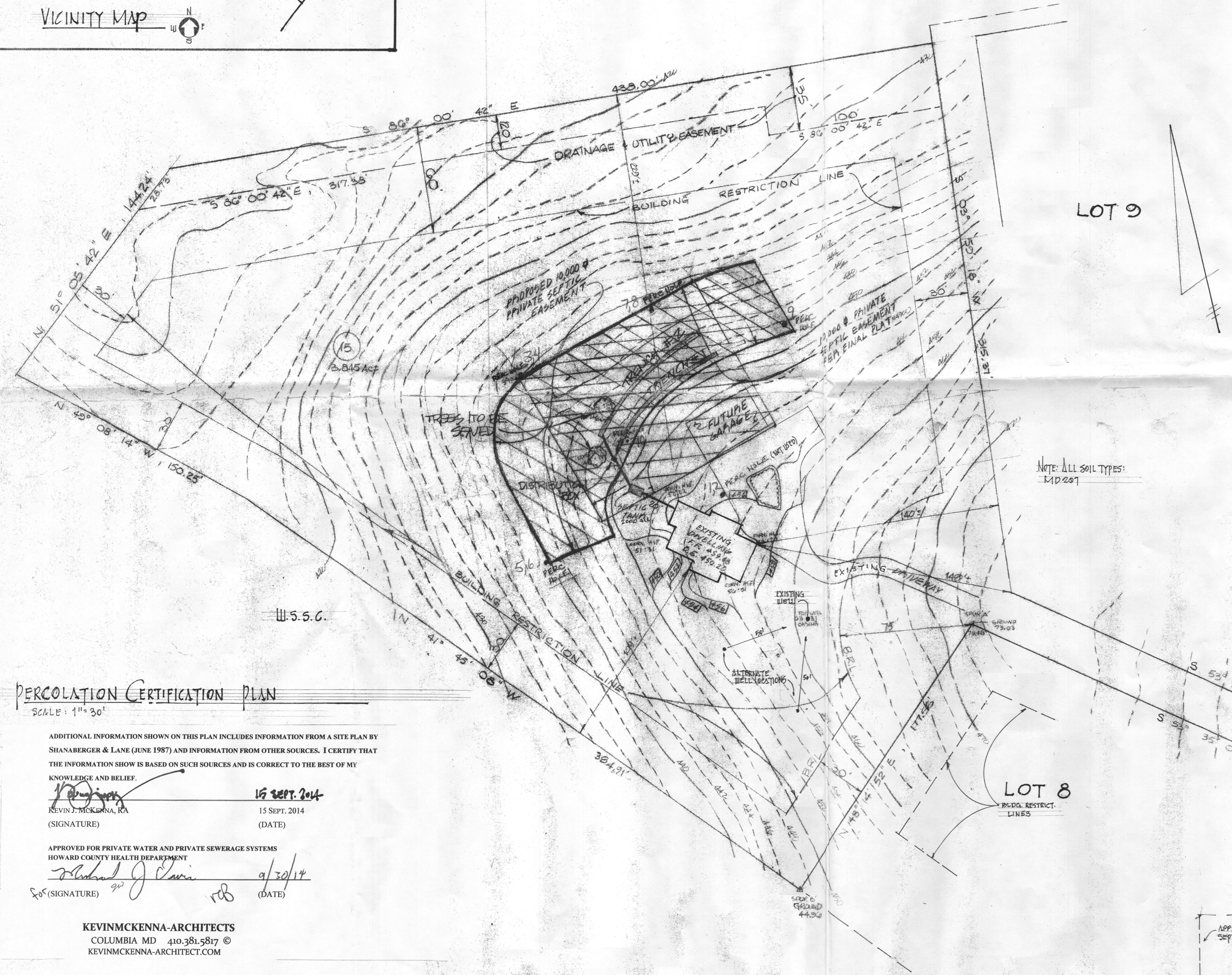
SEPTIC SYSTEM DATA

SEPTIC TANK	DISTRIB. BOX	TRENCH #1 (2'x20')	TRENCH #2 (2'x20')
INV. @ HOUSE: 447.20	EX. & FIN. GR. 440.0	EX. & FIN. GR. 443.0	EX. & FIN. GR. 447.0
EX. GR. 451.0	INV. IN 446.35	INV. IN 446.0	INV. IN 448.0
FIN. GR. 451.0	INV. OUT 446.1	BOTTOM 440.0	BOTTOM 448.0
INV. IN 446.80			
INV. OUT 446.95			

PERCOLATION CERTIFICATION PLAN
 SCALE: 1"=30'
 13942 HALLOWELL COURT DAYTON MD 21036
 TRIADELPHIA MILL FARM - LOT 15 - SECTION 1 - AREA 2 - 3.845 ACRES
 PLAT #4900 - 5TH ELEC. DIST - HOWARD CO. TAX MAP #28

OWNER: SARAH EICHORN
 ADDRESS: 13942 HALLOWELL COURT DAYTON MD 21036
 PHONE: 301.741.2852

- NOTES**
- 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.
 - THE EXISTING WELL ON THE SUBJECT PROPERTY (HO-81-1740) IS ACCURATELY SHOWN, AND THE LOCATION APPROVED BY THE HEALTH DEPARTMENT ON 10/10/1986.
 - TOPOGRAPHY AND IMPROVEMENTS SHOWN ON THIS PLAN ARE FROM A SURVEY CONDUCTED BY SHANABERGER & LANE AND INCLUDE:
 - PROPOSED CONTOURS AROUND THE HOUSE AND DRIVEWAY.
 - PROPOSED LOCATION AND FLOOR ELEVATIONS OF HOUSE AND GARAGE
 - PROPOSED RECONFIGURATION OF THE PRIVATE SEPTIC EASEMENT WITH PROPOSED ELEVATIONS.
- THIS SURVEY WAS DONE IN JUNE 1987 PRIOR TO HOUSE OR SEPTIC CONSTRUCTION AND RELIES ON THE FOLLOWING SOURCES:
- FIELD RUN TOPOGRAPHY IN THE AREA OF THE PROPOSED HOUSE AND PROPOSED PERC AREA.
 - HOWARD COUNTY AERIAL PHOTGRAMMETRY OVER THE REMAINDER OF THE LOT AND PRESENTED
- THE TOPOGRAPHY PRESENTED ON THIS PLAN ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO CERTIFY THE RECONFIGURATION OF THE SEWAGE DISPOSAL FOR THIS LOT (INITIALLY PROPOSED AND TESTED IN 1985). THE ORIGINAL PRIVATE SEWAGE EASEMENT (SHOWN ON PLAT NUMBER 4900) WAS PROPOSED TO BE MODIFIED INTO A CONFIGURATION SHOWN ON A JUNE 1987 SITE PLAN BY SHANABERGER & LANE.
 - TWO ALTERNATIVE WELL LOCATIONS ARE PRESENTED FOR APPROVAL. EXPANSION OF THE RESIDENCE AND CONSTRUCTION OF A DETACHED GARAGE ARE ANTICIPATED AT THIS TIME.



PERCOLATION CERTIFICATION PLAN
 SCALE: 1"=30'

ADDITIONAL INFORMATION SHOWN ON THIS PLAN INCLUDES INFORMATION FROM A SITE PLAN BY SHANABERGER & LANE (JUNE 1987) AND INFORMATION FROM OTHER SOURCES. I CERTIFY THAT THE INFORMATION SHOWN IS BASED ON SUCH SOURCES AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Kevin J. McKenna
 KEVIN J. MCKENNA, RA
 (SIGNATURE)
 15 SEPT. 2014
 15 SEPT. 2014
 (DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Richard J. Lewis
 (SIGNATURE)
 9/30/14
 (DATE)

KEVINMCKENNA-ARCHITECTS
 COLUMBIA MD 410.381.5817 ©
 KEVINMCKENNA-ARCHITECT.COM

HALLOWELL COURT
 50' RW