

10/26/87
9:30 AM
Preliminary

APPLICATION

PERCOLATION TESTING

A 40237

P _____

Hickman Sirk
489-4724

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

DISTRICT _____

DATE 10/7/87

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 E. DONALD AND MARYJANE WARFIELD

ADDRESS 16539 A. E. MULLINIX RD., WOODBINE, MD ²¹⁷⁹⁷ PHONE 489 4683

PROSPECTIVE BUYER ROBERT AND JOAN W. CARNEY

ADDRESS 16539 A. E. MULLINIX RD., WOODBINE, MD ²¹⁷⁹⁷ PHONE 489 5060

PROPERTY LOCATION:

SUBDIVISION WARFIELD WOODS LOT NO. EXISTING HOUSE
~~X X~~

ROAD AND DESCRIPTION 3+ ACRE LOT, NEAR WEST OF ROUTE #94, SOUTH OF
A.E. MULLINIX RD., WITH ROAD FRONTAGE ON A.E. MULLINIX RD.

TAX MAP 7 PARCEL # 132

SIZE OF LOT 3+ TYPE BLDG EXISTING HOUSE
~~SINGLE FAMILY~~
(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.

Robert A. Carney
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

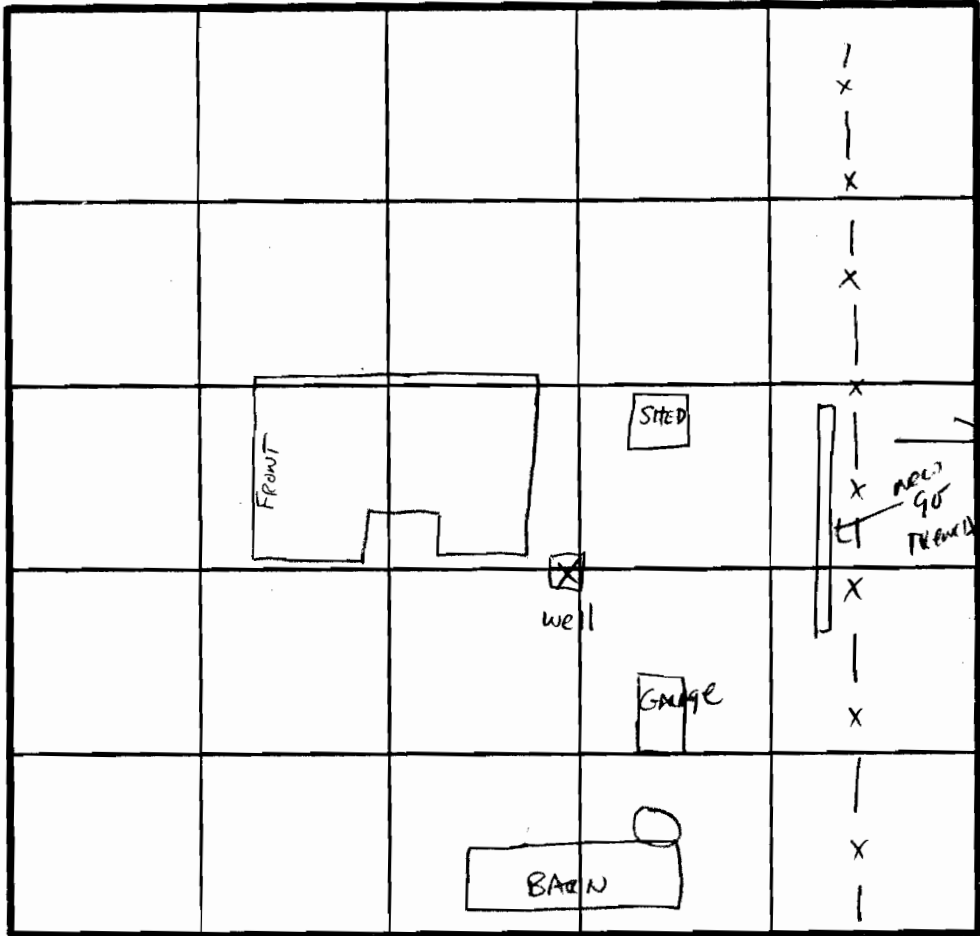
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/26/87 Existing Parcel Satisfactory - Recent Repair Ample
Potential Repair Area. S.A.

THIS IS NOT A PERMIT

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

A.E. Mullinix Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS House Remote From Subdivision; Recent Repair LAST 24RS

NO NEED FOR TESTING

TYPE OF SOIL _____

TESTED BY S. Alp

ALSO PRESENT H. Siost

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 4023P

P _____

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

DISTRICT _____

DATE 10/7/82

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 E. DONALD AND MARY JANE WARFIELD

ADDRESS 16539 A.E. MULLINIX RD, WOODBINE, MD 21797 PHONE 489 4683

PROSPECTIVE BUYER ROBERTA, AND JOAN W. CARNEY

ADDRESS 16539 A.E. MULLINIX RD, WOODBINE, MD 21797 PHONE 489 5060

PROPERTY LOCATION:

SUBDIVISION WARFIELD WOODS LOT NO. 1

ROAD AND DESCRIPTION 3+ ACRE LOT, WEST OF ROUTE #94 SOUTH OF A.E. MULLINIX RD, WITH ROAD FRONTAGE ON A.E. MULLINIX RD

TAX MAP 7 PARCEL # 132

SIZE OF LOT 3+ TYPE BLDG SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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Robert A. Carney
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney A. Bell FOR Shallow test fields DATE 8-18-88

REJECTED BY _____ FOR _____ DATE _____

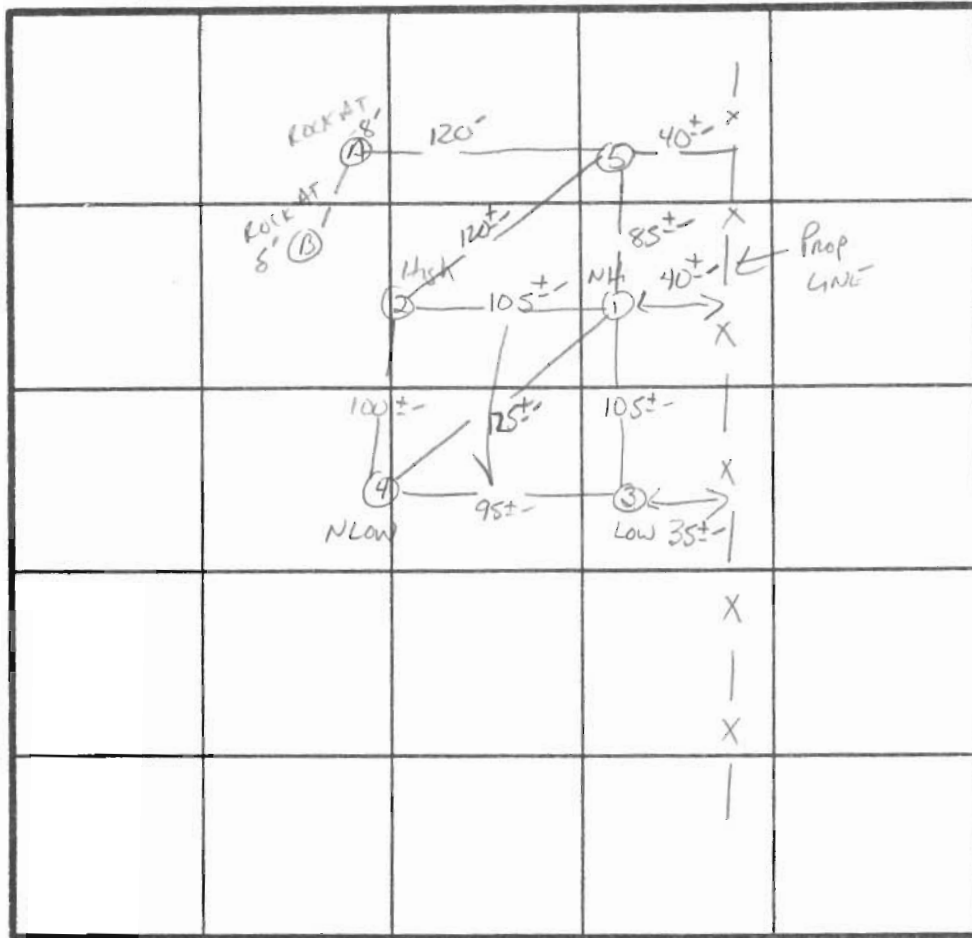
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/26/87 PRC Satisfactory Hold for RAT S. A. Bell

THIS IS NOT A PERMIT

① ② ③
SOIL PROFILE

0' 4"	A1-3 STRONG BR. SILTY CLAY LOAM 10-15% FRAGS
4'	Yellow Br. Silt loam shaly 20-25% TO ~10' 25-40% TO 12'
12'	



X Perc 8 min
180 #/BR
INLET 3.5"
BOTTOM 5.5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
A.E. MOLLINIX Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/26/87	1S	4'	10:16	10:22	10:22	10:29	7 min
	1M	9'	10:17	10:24	10:24	10:35	11 min
	1V	12'	UNIFORM SOIL BELOW ~ 4.5'				
	2S	4.5'	10:30	10:36	10:36	10:45	9 min
	2M	9'	10:26	10:31	10:31	10:42	11 min
	2V	11.5'	HARD BOTTOM - uniform below		SIMILAR TO #1		
	3S	4.0'	10:50 → FAILED				MIN
	3M	8.5'	10:50	10:56	10:56	11:09	13 min
	3V	12'	FAILED WATER AT 10" AFTER 1.5 HRS.		SAMP AS #1 w/ LESS shale FROM 10-12" (MAX 25%)		
	4S	3'	11:10	11:15	11:15	11:35	10 min
	4M	7'	11:05	11:08	11:08	11:13	5 min
	4V	9'	HARD BOTTOM				
	5S	4'	11:42	11:45	11:45	11:49	4 min
	5M	7'	11:40	11:43	11:43	11:48	5 min
	5V	10'	UNIFORM BELOW 4.0'		SAME AS #1		

REMARKS Shallow Syst only
 TYPE OF SOIL ME Aily
 TESTED BY S. Abel ALSO PRESENT H. Sick

EH-12-1079

HOWARD COUNTY HEALTH DEPARTMENT

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



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

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

October 29, 1987

Mr. Robert Carney
16539 A. E. Mullinix Road
Woodbine, Maryland 21797

RE: Percolation Testing
Warfield Woods
Tax Map 7 Parcel 132

Dear Mr. Carney:

Percolation testing conducted October 26, 1987 on the above referenced property indicated satisfactory soil conditions.

Approval is contingent upon submission by a registered engineer of a plat showing certified 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.

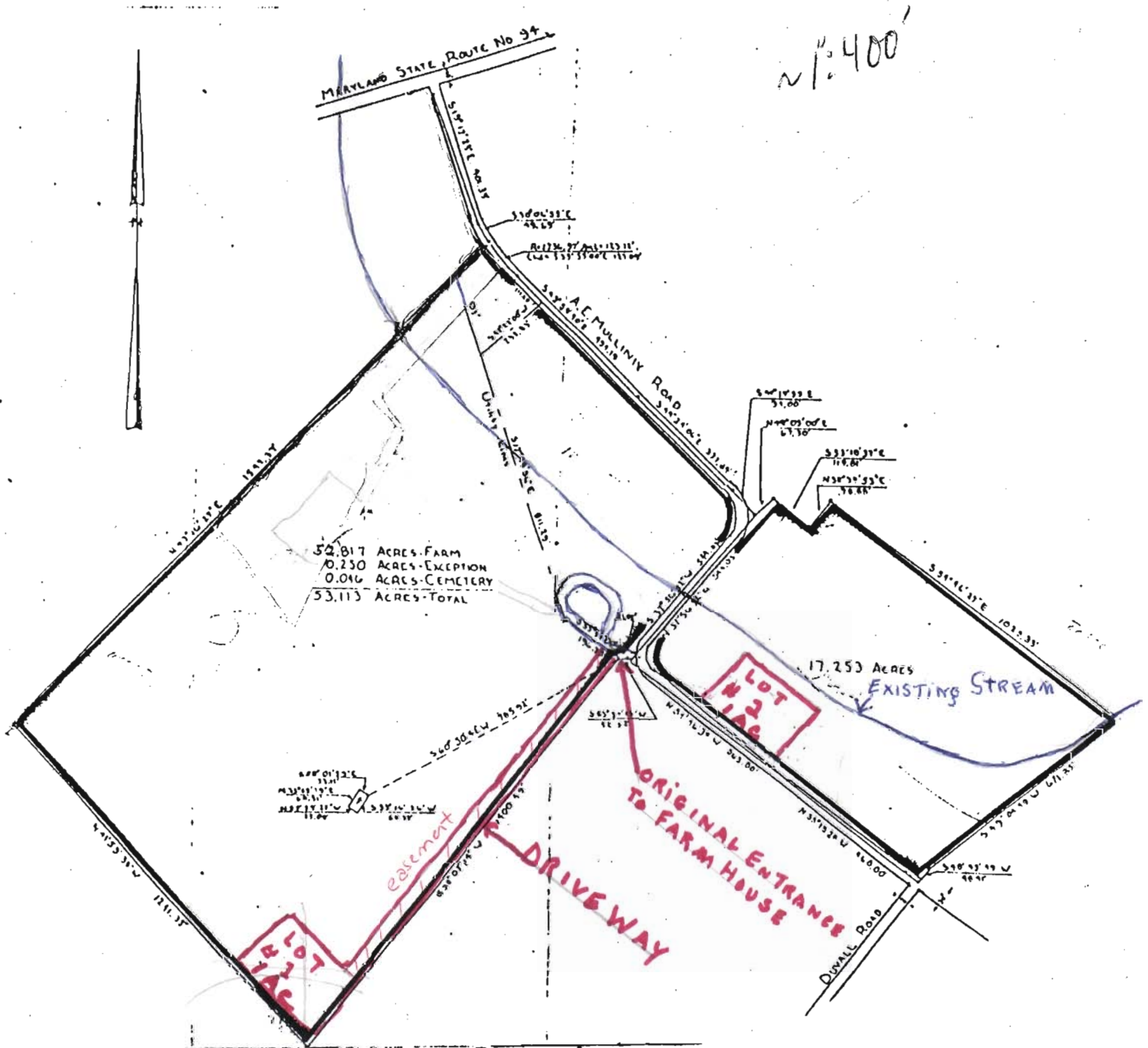
Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR

ENGINEER'S MAP OF SUBJECT



~ 1" = 400'

52.817 ACRES-FARM
0.250 ACRES-EXCEPTION
0.046 ACRES-CEMETERY
53.113 ACRES-TOTAL

17.253 ACRES
EXISTING STREAM

LOT #1

LOT #2

ORIGINAL ENTRANCE
TO FARM HOUSE
DRIVEWAY

PLAT OF SURVEY
FOR
BERNARD D. WARFIELD
FOURTH ELECTION DISTRICT, HOWARD COUNTY
LIBSON, MARYLAND
SCALE: 1" = 200 FT AUGUST 8, 1974

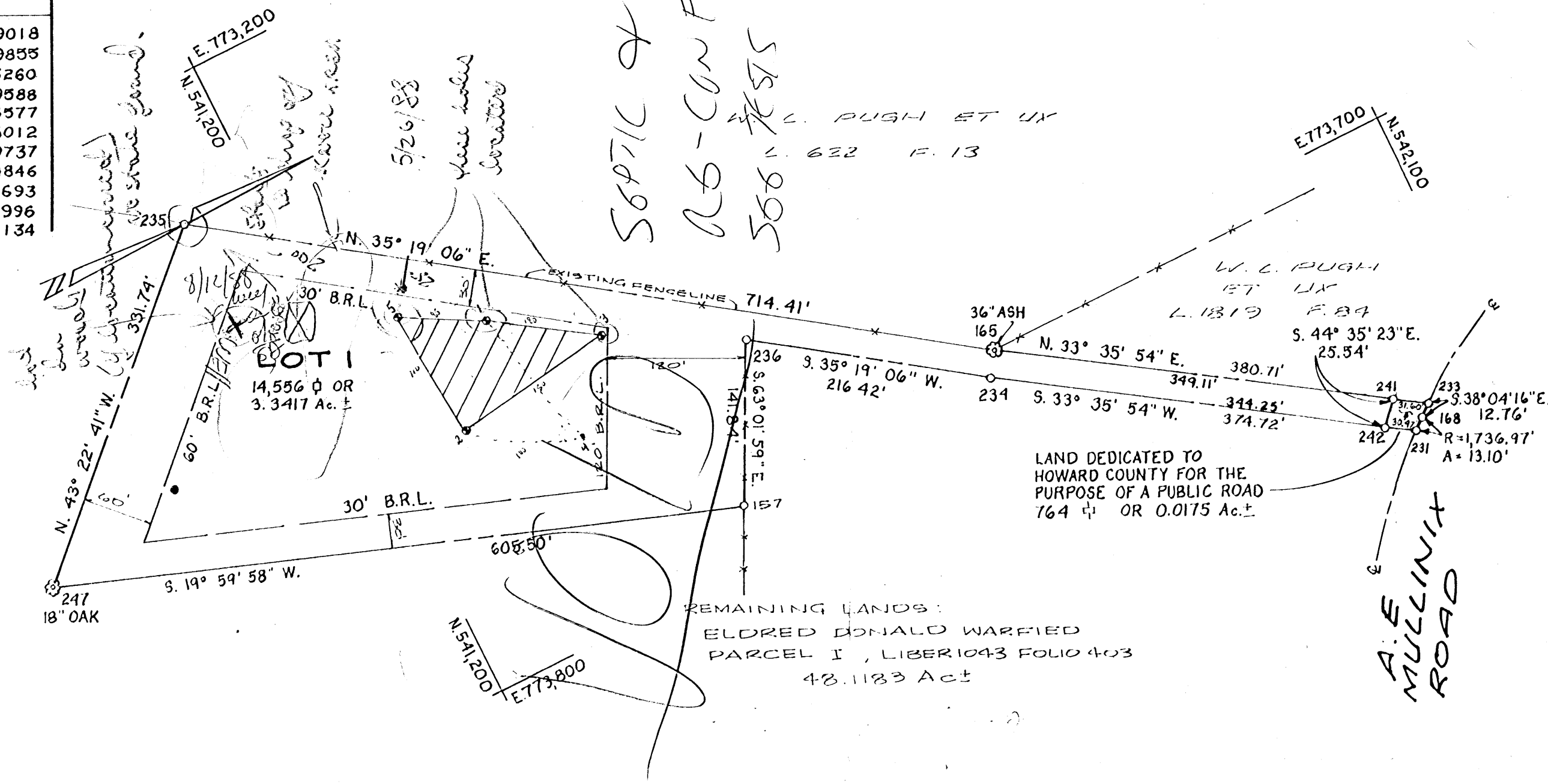
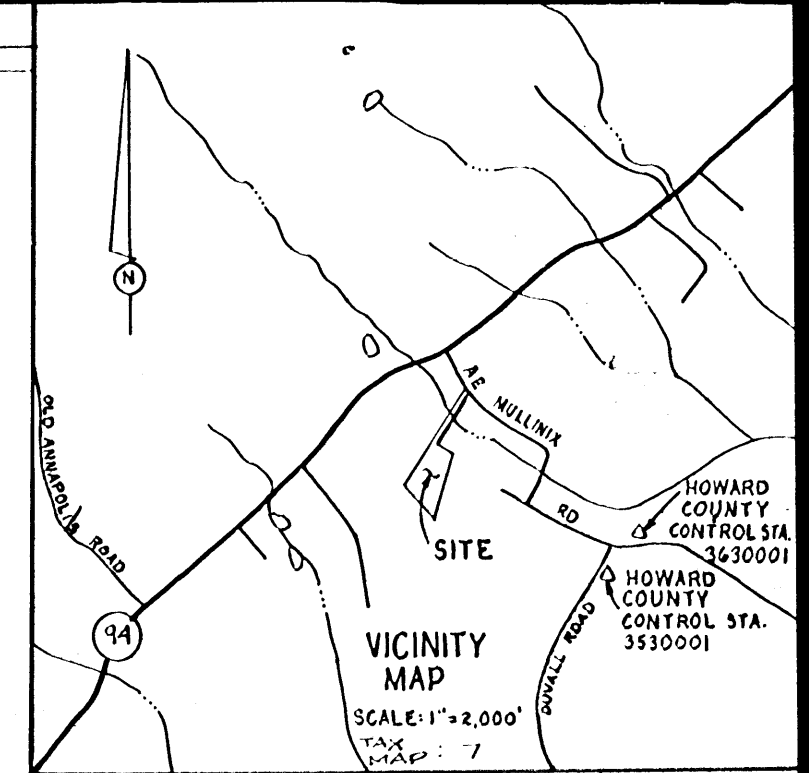
REDUCED

COORDINATES ARE BASED ON MARYLAND STATE PLANE

COORDINATE DATA

STA.	NORTH	EAST
157	541459.5922	773751.9018
165	541714.6482	773729.9855
168	542021.7109	773948.5260
231	542012.6201	773987.9588
233	542031.7561	773940.6577
234	541700.5015	773750.6012
235	541131.7268	773316.9737
236	541523.9129	773625.4846
241	542005.4322	773923.1693
242	541987.2433	773941.0996
247	540890.6071	773544.8134

STA-STA	RADIUS	ARC	Δ	TAN	CHD.	BRQ.
168-231	1,736.97'	13.10'	00°25'56"	6.55'	13.10	S.46°03'28"E.



- NOTES:**
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE REGULATIONS.
 2. COORDINATES ARE BASED ON MARYLAND STATE PLANE AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STA. NOS. 3530001 + 3630001.
 3. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPT. 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 EASEMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 4. B.R.L. : REPRESENTS BUILDING RESTRICTION LINES
 5. □ CONC. MON. SET (UNLESS OTHERWISE NOTED)
 6. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN - ⊙
 7. ● INDICATES PROPOSED WELL.
 8. SUBJECT PROPERTY ZONED R PER 8/2/85 COMPREHENSIVE ZONING PLAN.
 9. PLAN SUBJECT TO WP-88-49.
 10. FLAG OR PIPESTEM SHALL NOT BE FURTHER SUBDIVIDED INTO LOTS ACCOMMODATING ADDITIONAL RESIDENCES UNLESS A PUBLIC ROAD CAN BE CONSTRUCTED ACCORDING TO COUNTY STANDARDS ON A MINIMUM FIFTY (50) FOOT RIGHT-OF-WAY TO BE DEEDED TO THE COUNTY.
 11. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM LOT DRIVEWAY.

TOTAL TABULATION THIS SUBMISSION

TOTAL NO LOTS TO BE RECORDED	1
TOTAL AREA OF LOTS	14,556 sq ft OR 3.3417 Ac.±
TOTAL AREA OF ROADWAY TO BE RECORDED	764 sq ft OR 0.0175 Ac.±
TOTAL AREA SUBDIVISION TO BE RECORDED	15,320 sq ft OR 3.3592 Ac.±

OWNER:
ELDRED D. WARFIELD
16539 A.E. MULLINIX ROAD
WOODBINE, MARYLAND 21771

21797

*noted
consequential*

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

OWNERS DEDICATION

I, ELDRED DONALD WARFIELD OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT INTO 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 STREET RIGHT OF WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS 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 FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, (4) THAT NO BUILDINGS OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS OF WAYS.

WITNESS OUR HANDS THIS 12th DAY OF May 1988.

5/16/88 Eldred Donald Warfield
DATE ELDRED DONALD WARFIELD OWNER

5/16/88 Brenda Souder
DATE WITNESS

SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY RICHARD T. WARFIELD, MARIE W. WARFIELD HOVEN AND ELDRED DONALD WARFIELD TO ELDRED DONALD WARFIELD, BY DEED DATED FEBRUARY 26, 1981 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 1043 AT FOLIO 403 AND 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: 5/16/88



Sourabh G. Munshi
PROF. L.S. NO 10710

RECORDED AS PLAT _____ ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY

MINOR SUBDIVISION PLAT
LOT 1 SECTION ONE

ELDRED D. WARFIELD
SUBDIVISION

SITUATED ON A E MULLINIX ROAD

TAX MAP 7 P/O PARCEL 132
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1"=100' APRIL 1988
16531 A.E. Mullinix Road



VANMAR ASSOCIATES INC.
Engineers-Surveyors-Planners
310 South Main Street, Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015