

APPLICATION

PERCOLATION TESTING

A 44428

P _____

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

DISTRICT FIETH

DATE MAY 26, 1989

*June 15 1989
10 AM
Preliminary*

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 TIM HUGHES

ADDRESS 7089 MINK HOLLOW ROAD HIGHLAND MO. 20777 PHONE 854-3560

PROSPECTIVE BUYER SAME AS ABOVE

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 1

ROAD AND DESCRIPTION 2600' ± Southwest From The Intersection Of DEER VALLEY ROAD & MINK HOLLOW ROAD

TAX MAP 40 PARCEL # 328

SIZE OF LOT 3.0 Ac. TYPE BLDG. 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.

Chadwick

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

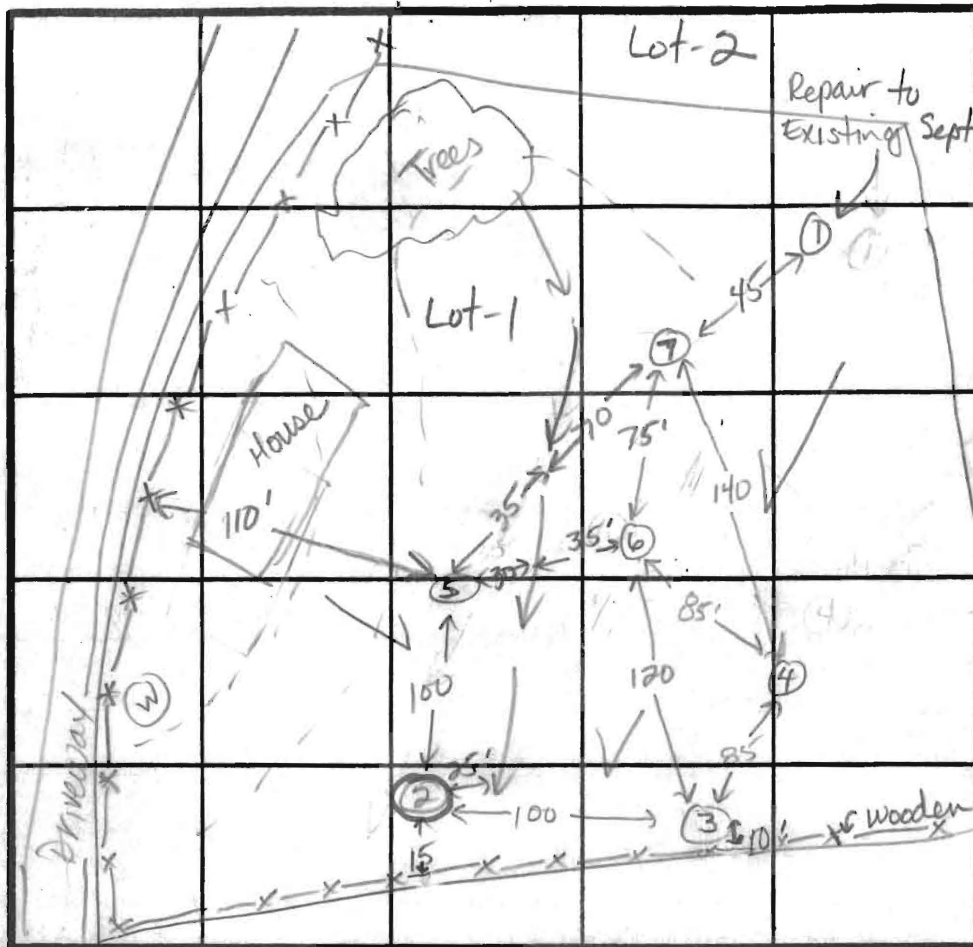
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-15-89 Pending perc hole locations and preliminary plat approval. May not have basement service due to grading. Must change lot lines to include existing septic repair on lot-2. JEN

HD-216

THIS IS NOT A PERMIT

A 44428



Highest 7
4
6
5
3
Lowest 2

$\bar{X} = 5 \text{ min}$
Inlet = 3.0 ft
Bottom = 7.0 ft
180 sq ft / bedrm

use 3, 4, 6, 7

$\bar{X} = 5 \text{ min}$
Inlet = 3.0
Bottom =

⑧ ⑤
SOIL PROFILE

0-3.0 Br sil lm
3-13.0 Br mica sa sil lm
410% decomp rx frags
Water at 12.0 ft
13.0 Bottom

③ ④

0-3.5 Br sil lm
3.5-12.0 Br mica sa sil lm
some broken rx frags
< 20%
12.0 Refusal

⑥ ⑦

0-3.0 Rd sil lm
3.0-11.5 Tan sa sil lm
11.5 Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Mink Hollow Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-15-89	2	13.0 V	(Water at 12.0 ft after 1 1/2 hr)				No
	5	12.0 V	(Clay to 3.5 ft, 410% decomp)				
	3	4.0 S	11:47	11:50	11:50	12:02	12 min
		9.5 M	11:49	11:56	11:56	12:02	6 min
		12.0 D	(Refusal at 12.0 No structure)				ok
	4	3.0 S	12:01	12:03	12:03	12:05	2 min
		8.0 M	11:52	11:53	11:53	11:55	2 min
		13.0 D	Bottoms (Clay to 3.5 ft, 410% rx)				ok
	6	11.5 V	(Refusal at 11.5 ft)				ok
	5	3.5 S	12:14	12:15	12:15	12:19	4 min
		9.0 M	12:15	12:18	12:18	12:22	4 min
		12.0 D	(Clay at 3.5 ft, 410% decomp)				ok
	7	4.0 S	12:23	12:24	12:24	12:26	2 min
		8.0 M	12:24	12:26	12:26	12:31	5 min
		11.5 D	(Refusal at 11.5 ft Clay to 3.0 ft)				ok

REMARKS

All holes moved from plated locations

TYPE OF SOIL

0-3.0 Br sil lm, 3.0-12.0 Tan-br sa sil lm, < 20% decomposed rock

TESTED BY

Jane E. Nadeau

ALSO PRESENT

owner

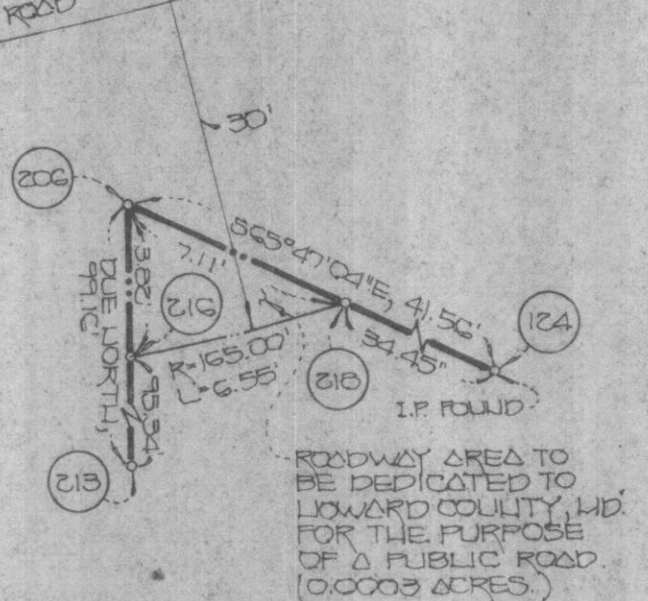
CURVE DATA TABULATION

PT.-PT.	RADIUS	A.L.	A	TAN	CHORD
216-218	165.00'	6.55'	02°16'29"	3.28'	N82°08'39" E 6.55'

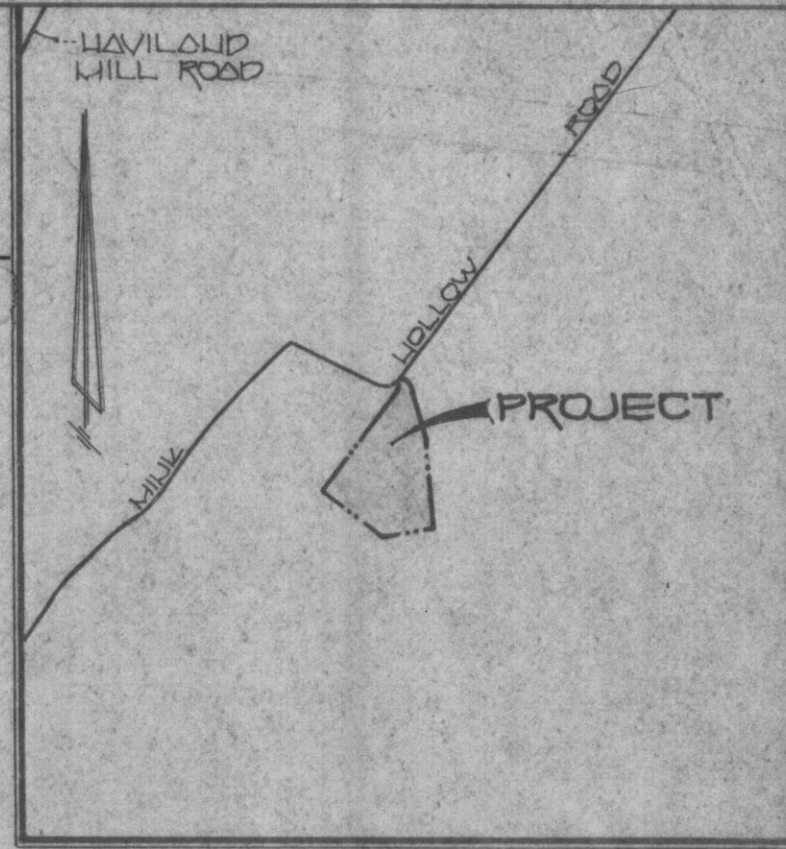
SOIL MAP NO. 27

SOIL TYPE	MANOR LOAM	SLOPES
MIB2	MANOR LOAM	3 TO 8 PERCENT SLOPES
MIC2	MANOR LOAM	8 TO 15 PERCENT SLOPES
MIC3	MANOR LOAM	15 TO 25 PERCENT SLOPES

MINK HOLLOW ROAD
EX. PAVING
EX. ROAD



DETAIL
NO SCALE



VICINITY MAP
SCALE: 1"=1200'

COORDINATE TABULATION

POINT	NORTH	EAST
112	489024.780	803587.906
124	489039.455	803535.627
151	488145.003	803742.621
205	488697.539	803701.823
206	489056.502	803497.724
207	489055.183	803547.706
210	488415.082	803081.270
212	488108.158	803488.738
213	488957.344	803497.724
216	489052.688	803497.724
218	489053.583	803504.213

AREA TABULATION

TOTAL NUMBER OF LOTS TO BE RECORDED.....	2
TOTAL AREA OF LOTS TO BE RECORDED.....	8.1839
TOTAL AREA OF ROADWAY TO BE RECORDED.....	0.0003
TOTAL AREA OF SUBDIVISION TO BE RECORDED.....	8.1842

PROPERTY OF
THOMAS E. GOFF
VIRGINIA L. KALB
1902 / 730

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043

PROPERTY OF
EUGENIE WISE
ELAINE DAVID
605 / 00

OWNER & DEVELOPER
MR. TIMOTHY A. HUGHES
7089 MINK HOLLOW ROAD
HIGHLAND, MARYLAND 20777

GENERAL NOTES:

- 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 SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- DESIGNATES PROPOSED WELL (APPROXIMATE LOCATION)
- DENOTES APPROXIMATE LOCATION OF PROPOSED DWELLING.
- DENOTES SUCCESSFUL PERC TEST.
- DENOTES UNSUCCESSFUL PERC TEST.
- EXISTING VEGETATION IS OPEN FIELD GRASSLAND.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John B. ... 18-11-85
HOWARD COUNTY HEALTH OFFICER DATE

OWNER'S CERTIFICATE

I, TIMOTHY A. HUGHES, OWNER 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 DEPT. 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 OR STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE 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, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (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 ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS OUR HANDS THIS _____ DAY OF _____, 1989

TIMOTHY A. HUGHES _____ WITNESS _____

SURVEYOR'S CERTIFICATE

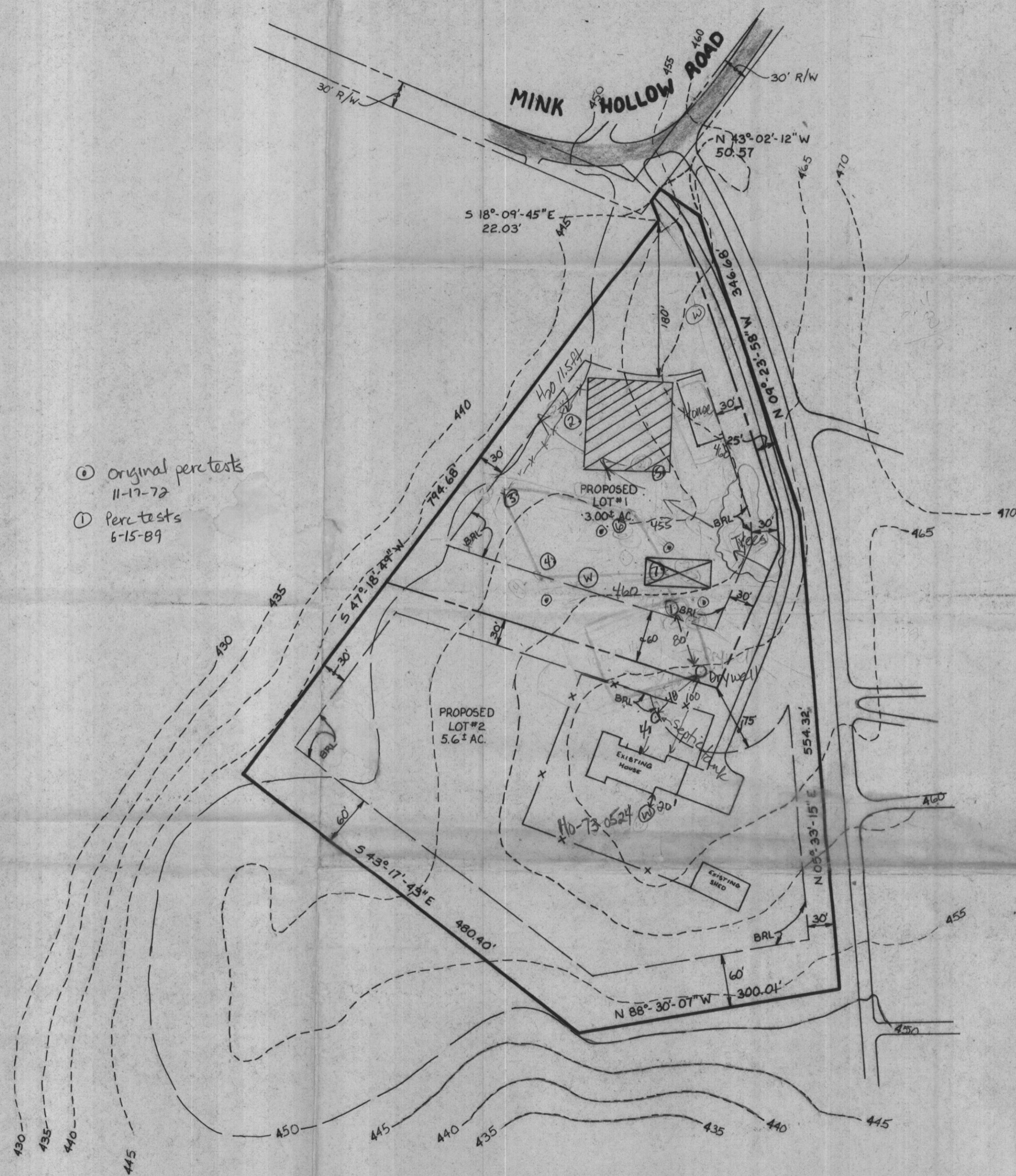
I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) PART OF THE LANDS CONVEYED BY JAMES F. TURNER, JR. AND GARMELITA G. TURNER TO TIMOTHY A. HUGHES BY DEED DATED OCTOBER 30, 1987 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER NO. 1742 AT FOLIO 184 AND (2) ALL OF THE LAND CONVEYED BY JOHN T. NELSON AND BETTY L. NELSON, HIS WIFE, TO TIMOTHY A. HUGHES BY DEED DATED _____ AND RECORDED AMONG THE LAND RECORD OF HOWARD COUNTY, MARYLAND IN LIBER NO. _____ AT FOLIO _____ AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

KARL SCHMID, PROPERTY L.S. #439 DATE _____

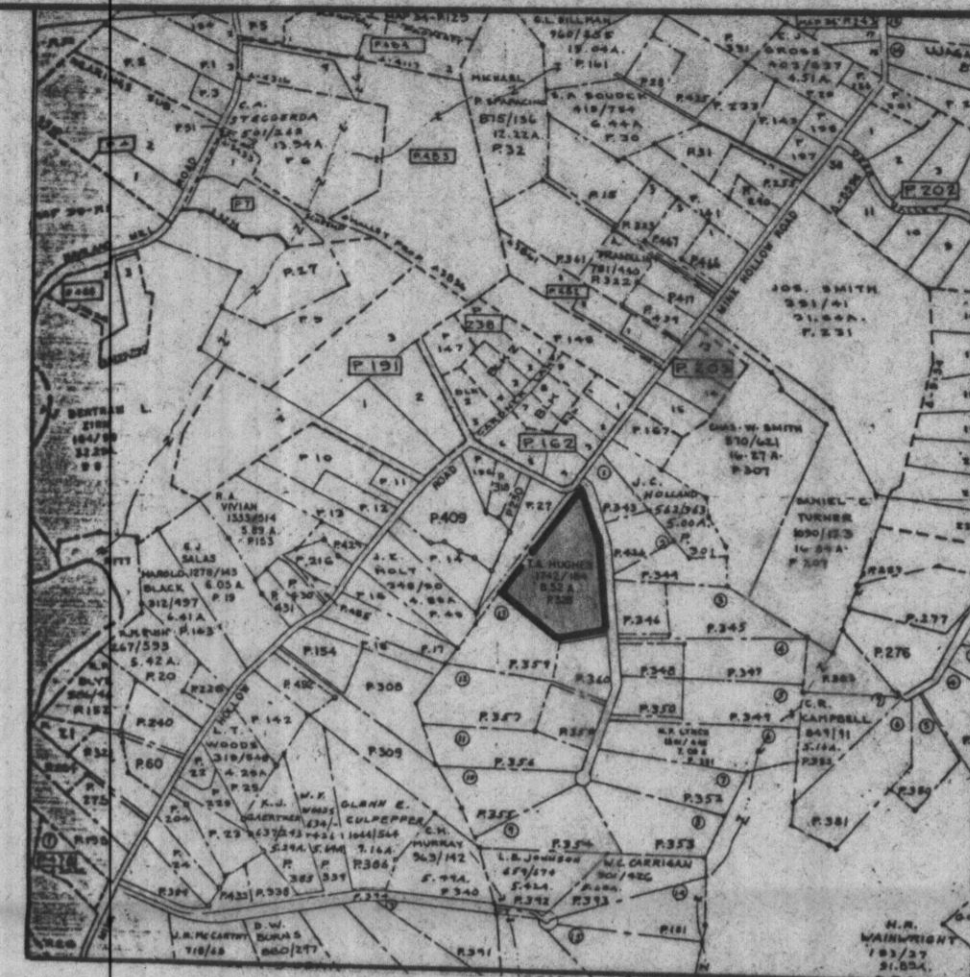
RECORDED AS PLAT NO. _____ ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

PERC CERTIFICATION DRAWING
HUGHES PROPERTY
LOTS 1 & 2

TAX MAP 40 PARCEL 320
ZONED 'R'
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' DATE: JULY 26, 1989
SHEET 1 OF 1



- ⊙ Original perc tests 11-17-72
- ① Perc tests 6-15-89



VICINITY MAP
SCALE: 1"=1200'

GENERAL NOTES

1. TOTAL AREA OF SUBDIVISION: 8.6 AC.±
2. TOTAL AREA OF BUILDABLE LOTS: 8.58 AC.±
3. TOTAL AREA OF ROADWAY: 0.02 AC.±
4. TOTAL NUMBER BUILDABLE LOTS: 2
5. PROPERTY ZONED 'R' (RURAL)
6. PRIVATE WATER AND SEWER TO BE UTILIZED.
7. THE LOTS HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIREMENTS SPECIFIED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
8. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
9. DENOTES LOCATION OF PROPOSED DWELLING.
10. DENOTES LOCATION OF PROPOSED WELL.

OWNER & DEVELOPER

MR & MRS. TIMOTHY HUGHES
7089 MINK HOLLOW ROAD
HIGHLAND, MARYLAND 20777
(301) 854-3560

PLAN TO ACCOMPANY
APPLICATION FOR PERCOLATION TESTS
PROPERTY OF
MR. & MRS. TIMOTHY A. HUGHES
LOT NOS. 1, AND 2
TAX MAP NO. 40 PARCEL NO. 328
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE=1"=100'
DATE: MAY 16, 1989

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS &
LAND SURVEYORS
8308 COURT AVE.-ELLCOTT CITY, MD 21043
(301) 461-2855

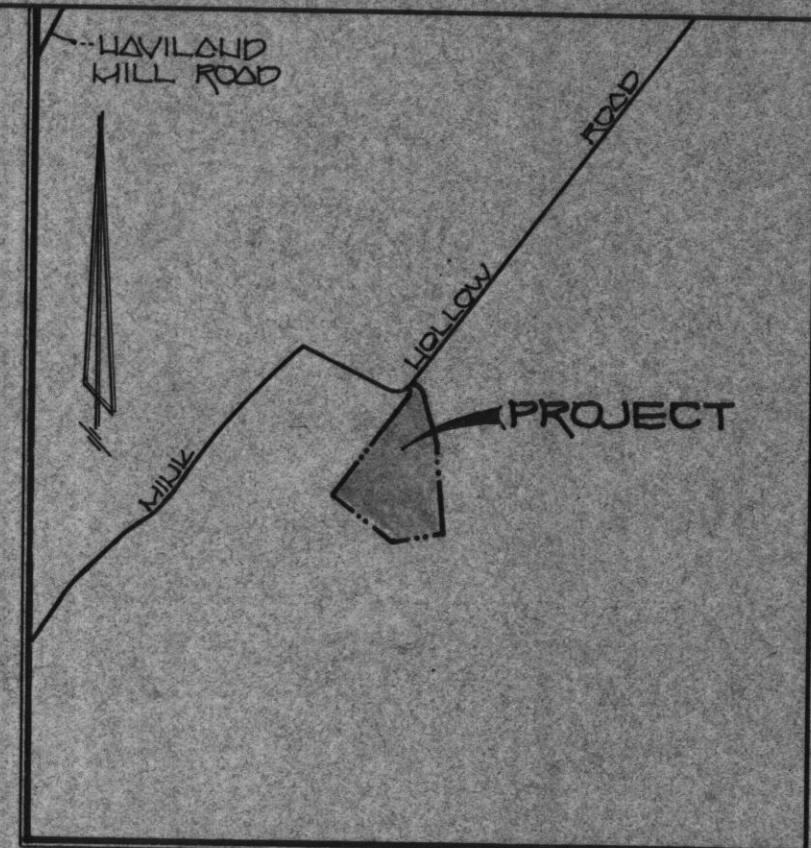
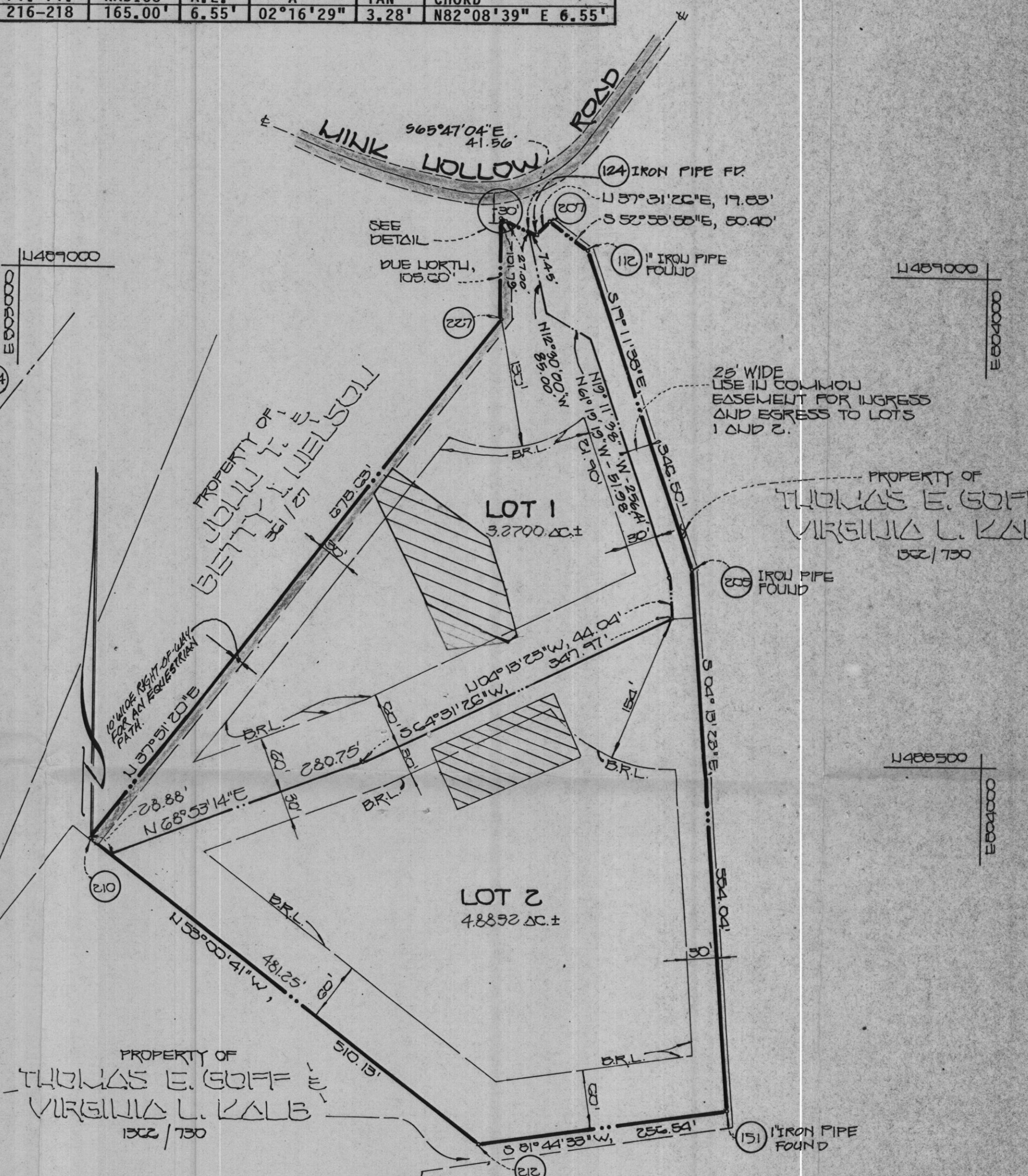
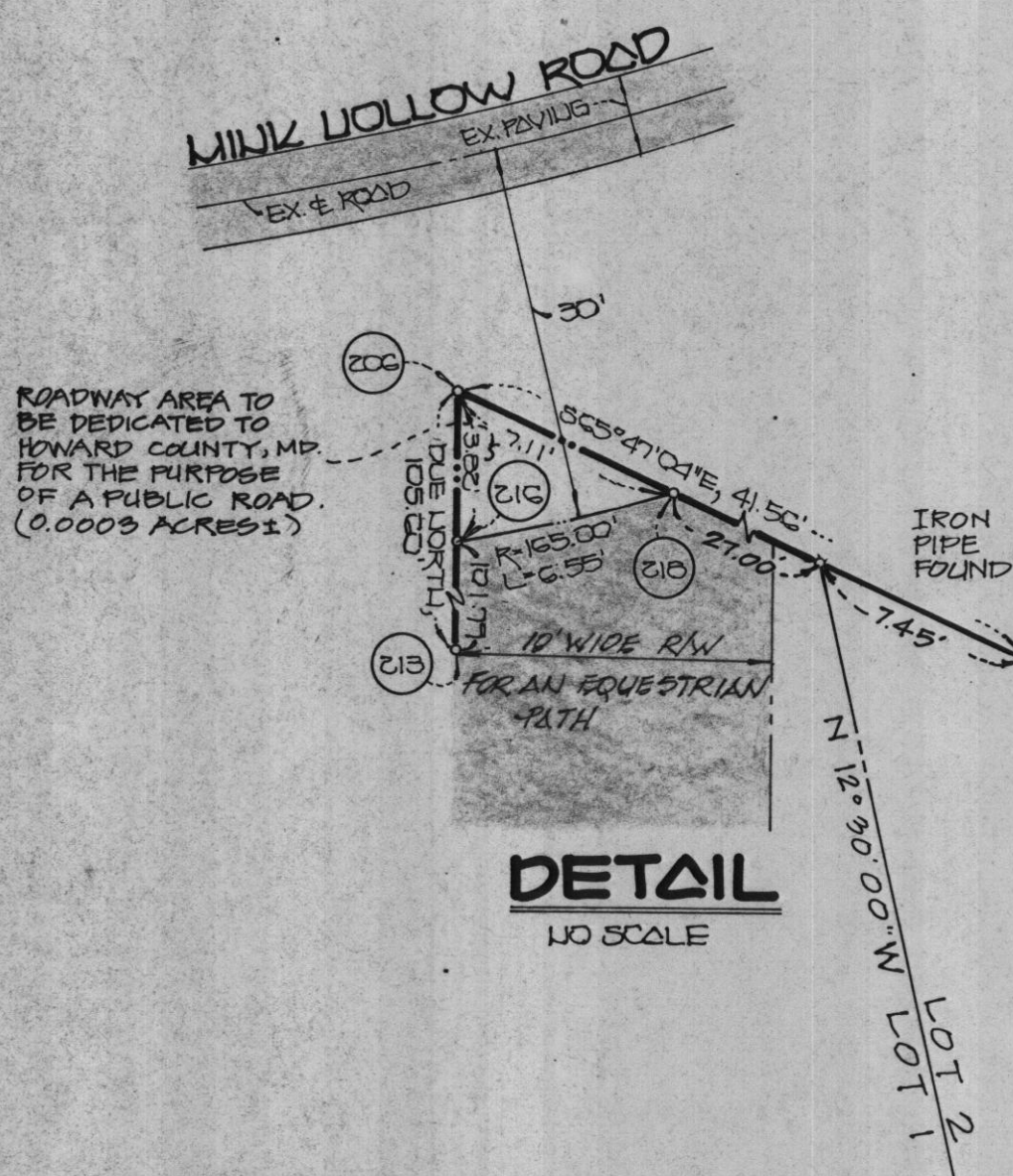
APPROVED FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS OF HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER

DATE

FLAG/PIPE STEM LOT & MINIMUM LOT AREA TABULATION			
LOT NO.	TOTAL LOT AREA	PIPE STEM AREA	RESULTING MINIMUM LOT AREA
1	3.2700 AC.	0.0864 AC.	3.1836 AC.
2	4.8832 AC.	0.3083 AC.	4.5749 AC.

CURVE DATA TABULATION					
PT.-PT.	RADIUS	A.L.	A	TAN	CHORD
216-218	165.00'	6.55'	02°16'29"	3.28'	N82°08'39" E 6.55'



COORDINATE TABULATION		
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218	489053.583	803504.213
227	488950.898	803497.724

AREA TABULATION	
TOTAL NUMBER OF LOTS TO BE RECORDED.....	2
TOTAL AREA OF LOTS TO BE RECORDED.....	8.1531 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED.....	0.0003 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED.....	8.1534 AC.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

OWNER & DEVELOPER
 MR. TIMOTHY A. HUGHES
 7089 MINK HOLLOW ROAD
 HIGHLAND, MARYLAND 20777

GENERAL NOTES:

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- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE, SUBJECT PROPERTY ZONED "R" PER 8/2/85 COMPREHENSIVE ZONING PLAN.
- THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:
 2334002 N 489247.6020
 E 803636.7250
 2334003 N 489294.9310
 E 802723.3610
- EXISTING RESIDENTIAL STRUCTURE ON LOT NO. 2. B.R.L. DENOTES BUILDING RESTRICTION LINE.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John G. Gorman 3-22-90
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
W. J. ... 5.10.90
 DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
James Z. ... 3/22/90
 DIRECTOR DATE

OWNER'S CERTIFICATE

I, TIMOTHY A. HUGHES, OWNER 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 DEPT. 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 OR STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE 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, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (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 ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS OUR HANDS THIS 2nd DAY OF MARCH, 1990

Timothy A. Hughes
 TIMOTHY A. HUGHES

... ..
 WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) PART OF THE LANDS CONVEYED BY JAMES F. TURNER, JR. AND CARMELITA G. TURNER TO TIMOTHY A. HUGHES BY DEED DATED OCTOBER 30, 1987 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER NO. 1742 AT FOLIO 184 AND (2) ALL OF THE LAND CONVEYED BY JOHN T. NELSON TO TIMOTHY A. HUGHES BY DEED DATED FEBRUARY 26, 1990 AND RECORDED AMONG THE LAND RECORD OF HOWARD COUNTY, MARYLAND IN LIBER NO. 2135 AT FOLIO 236, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Terrell A. Fisher
 TERRELL A. FISHER, L.S., 10692

March 3 1990
 DATE

RECORDED AS PLAT NO. 9378 ON
 MAY 18 1990
 AMONG THE
 LAND RECORDS OF HOWARD COUNTY, MD.

Timothy A. Hughes
HUGHES PROPERTY
 LOTS 1 & 2

TAX MAP 40 PARCEL 328
 ZONED 'R'
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' DATE: MARCH 5, 1990
 SHEET 1 OF 1

F-90-28