

11/15/88 AM

11/16/88 AM

05-403502

File

P.C.O.
C.B.V.

PERMIT

P 4308

A 37886

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT _____

HOWARD COUNTY

INDEXED

DATE 11/16/88

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 11/16/88

INSPECTOR C.B.V.

Kenny Yates

IS PERMITTED TO INSTALL ALTER _____

ADDRESS 13299 Baltimore Avenue, Laurel, MD 20707 PHONE 369-4000

SUBDIVISION Hallmark, Sec.1 ROAD 11376 Old Hopkins Rd LOT 55

PROPERTY OWNER Kenneth Yates

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the right front (241.29/329.28') lot corner, place the distribution box 115 feet down the right (329.28') lot line and 170 feet off the right line as seen when facing property from Right-of-way. Run trenches along contour towards the right (329.28') line. NOTE: MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

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 Bert Nixon DATE 3/25/88

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

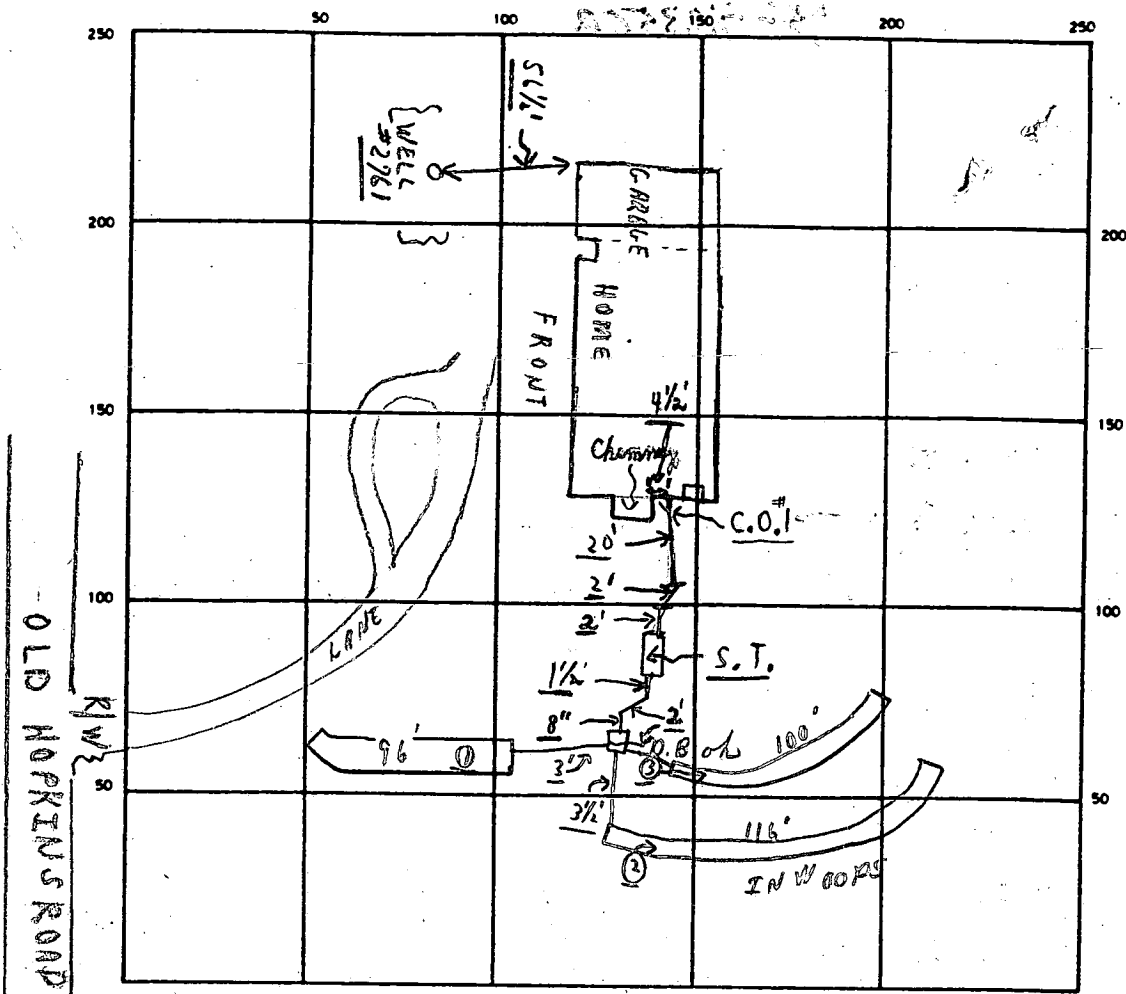
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
37886



SEPTIC TANK LEVEL OK CLEANOUTS S.T. NO 11/15 | C.O.#1 { C.O.#1 1/2' from house and 1' from main line }
 DISTRIBUTION BOX LEVEL OK (1 baffle in)
 DRAIN FIELD/TILE FIELD DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 96 (1) 116 (2) 100 (3) 312 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 936 SQ. FT.
 DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA 936 SQ. FT.

REMARKS 11/15 @ Partist - trenches not complete; ok to cover from house to 1' of D.B. only; Need to see all trenches with paper on them and clean out of septic tank; note permit left of S.Tank.
11/16 (inspection made) - OK TO COVER ALL WORK. FINALED. C.B.S.
 Permit card signed.

DATE SYSTEM APPROVED 11/16/88 INSPECTOR Charles, Began, & Steakes

C1 9544 SEQUENCE NO. (DENV USE ONLY)
 (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 PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A 37886**

DATE Received
 [] [] [] [] [] []

DATE WELL COMPLETED
061588

Depth of Well
 22 **225** 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
MC-81-2761

OWNER **VATES KENNETH**
 STREET OR RFD **312 HOPKINS ROAD** first name TOWN **FULTON**
 SUBDIVISION **HALLMARK** SECTION **1** LOT **55**

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	
Top Soil	0	2	
Sandy	2	30	✓
Sand Stone	30	35	
MICA	35	50	
Sand Stone	50	55	✓
MICA	55	225	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **13** NO. OF POUNDS **1300**
 GALLONS OF WATER **28**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **38** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO
 STEEL CONCRETE
PL OT
 PLASTIC OTHER

MAIN CASING TYPE **PL**
 Nominal diameter top (main) casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **45**

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST BR HO
 STEEL BRASS OPEN HOLE
PL OT
 PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 1 **HO** 43 225
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) **56** **60**

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 10.17.13 "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.

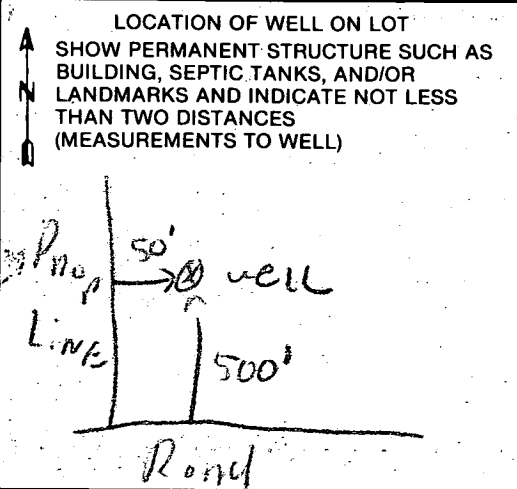
DRILLERS IDENT. NO. **223**
 DRILLERS SIGNATURE *Ralph Mays*
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) *Ralph Mays*
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK from to
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **5**
 METHOD USED TO MEASURE PUMPING RATE **Ku. ket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **25**
 WHEN PUMPING **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 WILL INSTALL PUMP YES **NO**
 (CIRCLE) (YES or NO)
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: **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 (nearest foot)
- below } **50** **51**



COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2761
 Location of property (road) OLD HOPKINS ROAD
 Subdivision NALLMARK Lot 55 Block Plat Sec. 1
 Well Driller RALPH MAYNE Owner YATES, KENNETH

Depth of well 225 ft
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 25 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:25 Pumping rate 9 G.P.M
 Total time 20 min to reach pumping water level 75 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	75 ft	12 sec	/	5 G.P.M
9:10	75	12		5 G.P.M
9:15	75	12		5
9:30	75 ft	12 sec		5 G.P.M
9:45	75	13		5
10:00	75	12		5
10:15	75 ft	12 sec		5 G.P.M
10:30	75	12		5
10:45	75	12		5
11:00	75 ft	12 sec		5 G.P.M
11:15	75 ft	12		5
11:30	75 ft	12 sec		5 G.P.M
11:45	75 ft	12 sec		5 G.P.M

45' PL 38 open 13 bags

B 1 **7083** SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-81-2761
fill in this form completely.

Date Received (APA) **050288**
 OWNER INFORMATION
YATES KENNETH
 Last Name Owner First Name
15613 MILLBROOK LA
 Street or RFD
LAUREL **MD20007**
 Town State Zip

LOCATION OF WELL
HOWARD COUNTY
CHALLMARK SUBDIVISION
 SECTION **1** LOT **55**
FULTON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
RALPH MAYNE License No. **2D3**
SCALP MAYNE WELL DRILLING
 Firm Name
9120 Brown Church Rd. Nt Army
 Address
Ralph Mayne **4/22/88**
 Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **500** FT or MI **FT**

NEAR WHAT ROAD **OLD HOPKINS RD**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **500** FT or MI **FT**

WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
37886 COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED _____
052588 CO SIGNATURE **R Wilson** EXP. DATE **11/25/88**
 NORTH GRID **486000** EAST GRID **0826000**

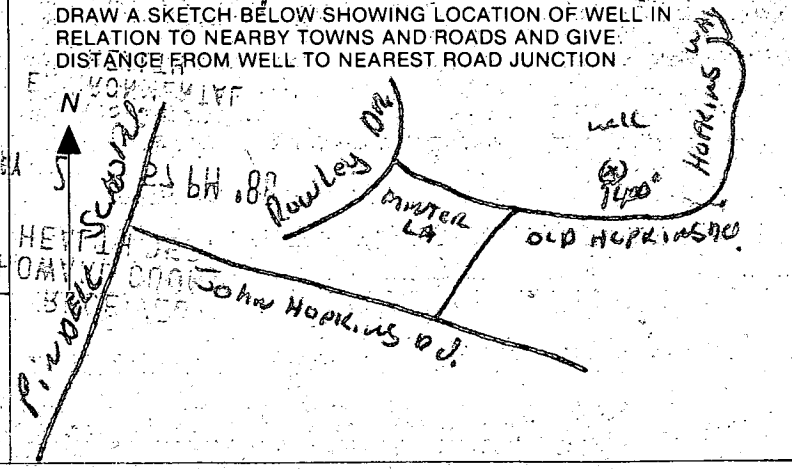
APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6"** 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. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **8206**
 N **4806**

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
 THIS WELL WILL DEEPEAN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____
 FORCE **BA** WRITE INITIALS IN BOX PERMIT No. **HO-81-2761**

SPECIAL CONDITIONS **498-5205 H**
369-4000 W

RECEIVED
HOWARD COUNTY
HEALTH DEPT., MD.
ELLICOTT CITY, MD.
MAY 2 9 54 AM '88

6/15/88

Location = as per stake

45' casing (2' above)

38' open hole

13 bags

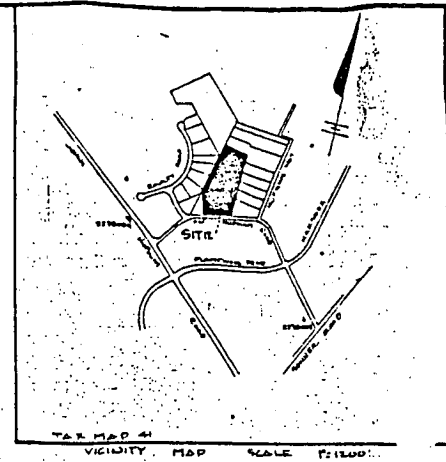
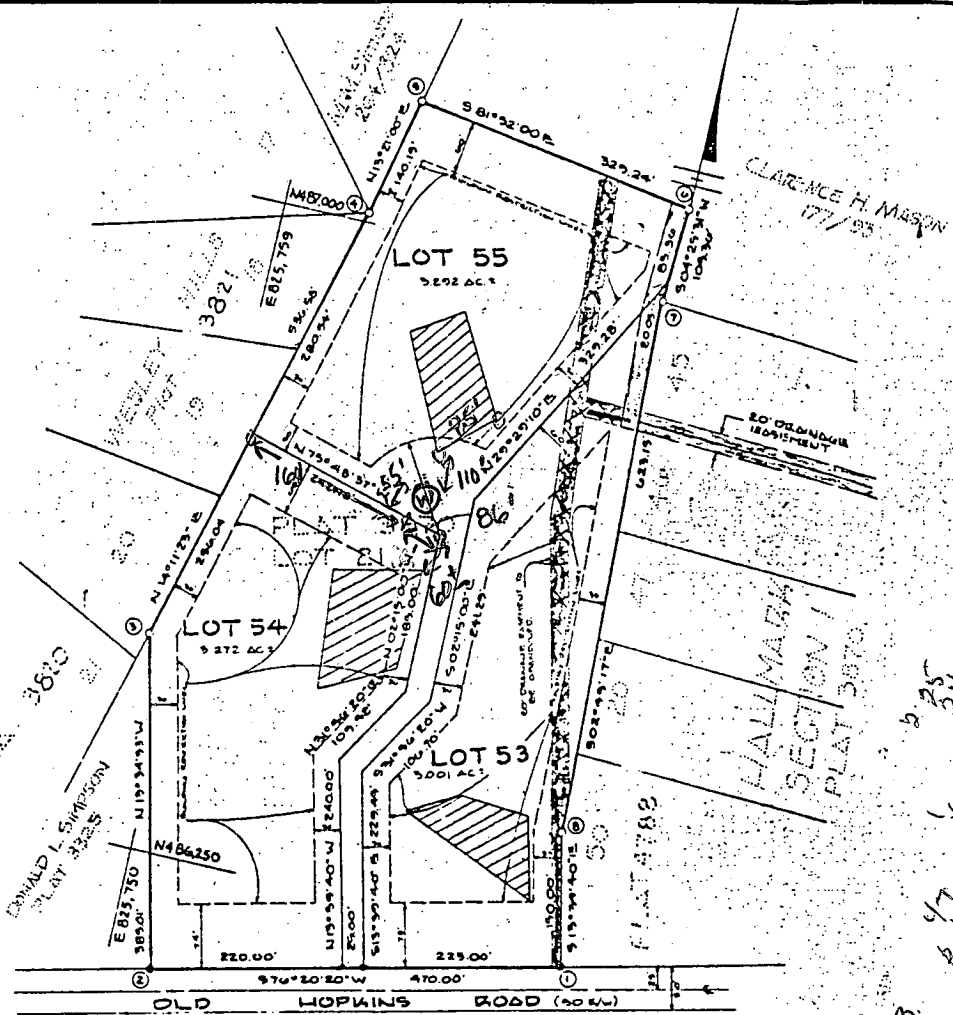
H₂O sample taken

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
MAY 2 3 42 PM '88

COORDINATES		
NO.	NORTH	EAST
1.	486,190.07	824,800.40
2.	486,119.07	824,809.70
3.	486,493.32	825,719.93
4.	487,073.93	825,844.84
5.	487,149.09	825,877.22
6.	487,103.31	826,203.19
7.	486,978.26	826,193.02
8.	486,375.03	826,224.07

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL.

52388
Well & He ok.
JNadeau



- NOTES:
- SUBJECT PROPERTY ZONED "R" PER 01-1984 CONFORMANCE ZONING PLAN.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OVERLAP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH, HEALTH AND WELFARE.
 - ~~REPEATED~~ THIS AREA DESIGNATED A PRIVATE SEWER TREATMENT AND DISPOSAL SYSTEM OF APPROXIMATELY 10,000 GPD AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL SEWERAGE IS AVAILABLE. THE EASEMENTS SHALL REMAIN NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR DISBURSMENT INTO THE PRIVATE SEWERAGE TREATMENT. COLLECTION OR MODIFIED SEWERAGE TREATMENT SHALL NOT BE ALLOWED.
 - EXISTING STRUCTURE ON LOT 54.
 - FOR FLAG OR PREPAREMETS LOTS, SEWER COLLECTION, SEWER REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PREPAREMETS AND THE ROAD LIMIT OF WAY LINE ONLY AND NOT ONTO THE FLAG OR PREPAREMETS LOT DEMONSTRATING A FINAL PLAN SUBJECT TO VP-87-18.
 - EASEMENT TO BE ABANDONED.

Handwritten calculations and notes:

$$\begin{array}{r} 17 \\ 11 \\ 36 \\ 24 \\ 144 \\ 126 \\ 161 \\ \hline 469.2 \\ 55 \end{array}$$

$$\begin{array}{r} 34 \\ 24 \\ 144 \\ 126 \\ \hline 328 \end{array}$$

$$\begin{array}{r} 34 \\ 24 \\ 144 \\ 126 \\ \hline 328 \end{array}$$

$$\begin{array}{r} 34 \\ 24 \\ 144 \\ 126 \\ \hline 328 \end{array}$$

- TABULATIONS:
- TOTAL NUMBER OF LOTS TO BE RECORDED: 3
 - TOTAL AREA OF LOTS: 9565 AC.
 - TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.00 AC.
 - TOTAL AREA OF SUBDIVISION TO BE RECORDED: 9565 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Sam Byrd 3-6-87
 COUNTY HEALTH OFFICER DATE

APPROVED:
 HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas G. Henge 3-10-87
 DIRECTOR DATE

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

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THAT LAND WHICH BY DEED DATED JULY 6, 1946 AND RECORDED SHOWS THE LAND RESIDUUM OF HOWARD COUNTY, MARYLAND IN LIBERTY 184 OF FOLIO 404, ETC. WAS GRANTED AND CONVEYED BY JOHN M. DRAVER, AND WIFE, UNTO DONALD L. SIMPSON AND CHELSEY F. SIMPSON, HIS WIFE, BY DEED DATED APRIL 28, 1986 AND RECORDED IN LIBER 381 OF FOLIO 998, WILLIAM H. DOUGLASS, WIDOW, TO DONALD L. SIMPSON AND CHELSEY F. SIMPSON, HIS WIFE, AND BY DEED DATED MAY 18, 1986 AND RECORDED IN LIBER 480 OF FOLIO 134 WAREY F. BROWN, AND WIFE, UNTO DONALD L. SIMPSON AND CHELSEY F. SIMPSON, HIS WIFE, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THIS SUBDIVISION IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Walter Park 11/10/88
 WALTER PARK, SURV. & PROF. L.S. NO. 9539 DATE

OWNERS CERTIFICATE

WE, DONALD L. SIMPSON AND CHELSEY F. SIMPSON, HIS WIFE, OWNERS 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 LIMITS OF BUILDING FOOTPRINT LINES, AND EASEMENTS OF QUALITY OF WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

WITNESS OUR HANDS THIS 17th DAY OF NOVEMBER 1986

Donald L. Simpson
 DONALD L. SIMPSON

Chelsey F. Simpson
 CHELSEY F. SIMPSON

Walter T. Simpson
 WITNESS

RECORDED IN PLAT NO. 7089 ON March 12, 1987
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

LIALIMARK SECTION ONE
LOT 53, 54 & 55
 A SUBDIVISION OF LOT NO. 21
 423 ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TAX MAP: 41 PARCEL: 422
 SCALE: 1"=100' DATE: 11-12-86

HODKINS ASSOCIATES, INC.
 SUITE 231, WOODBERRY CHOKE VA. CTR.
 COLUMBIA, MARYLAND 21044
 730-9000

Pickin
10/27/86
1:30

APPLICATION

PERCOLATION TESTING

A 37886
P _____

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

DISTRICT _____
DATE 10/17/86

10/15/86 Reviewed - OK TO PROCESS/SA.

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 Donald L. Simpson Kenneth Yates

ADDRESS 11382 John Hopkins Rd. Clarksville 21029 PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hallmark - Resubdivision COT 21 LOT NO. final lot 55
3 A B

ROAD AND DESCRIPTION 11376 ~~CDP~~ Hopkins Rd.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.006 ac. TYPE BLDG. _____
(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. Jack C. F. Jones
(SIGNATURE OF APPLICANT)

APPROVED BY Richard Akel FOR Shelley Spat DATE 7-21-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/20/86 PERC OK HOLD FOR PERC

CGRT PLAT / R/A

BLDG. PERMIT SIGNED
AND RETURNED 7/21/88
BP 20158 Sclh

THIS IS NOT A PERMIT

SOIL PROFILE (1) (3)

CLAY
BROWN SANDY
MICA LOAM

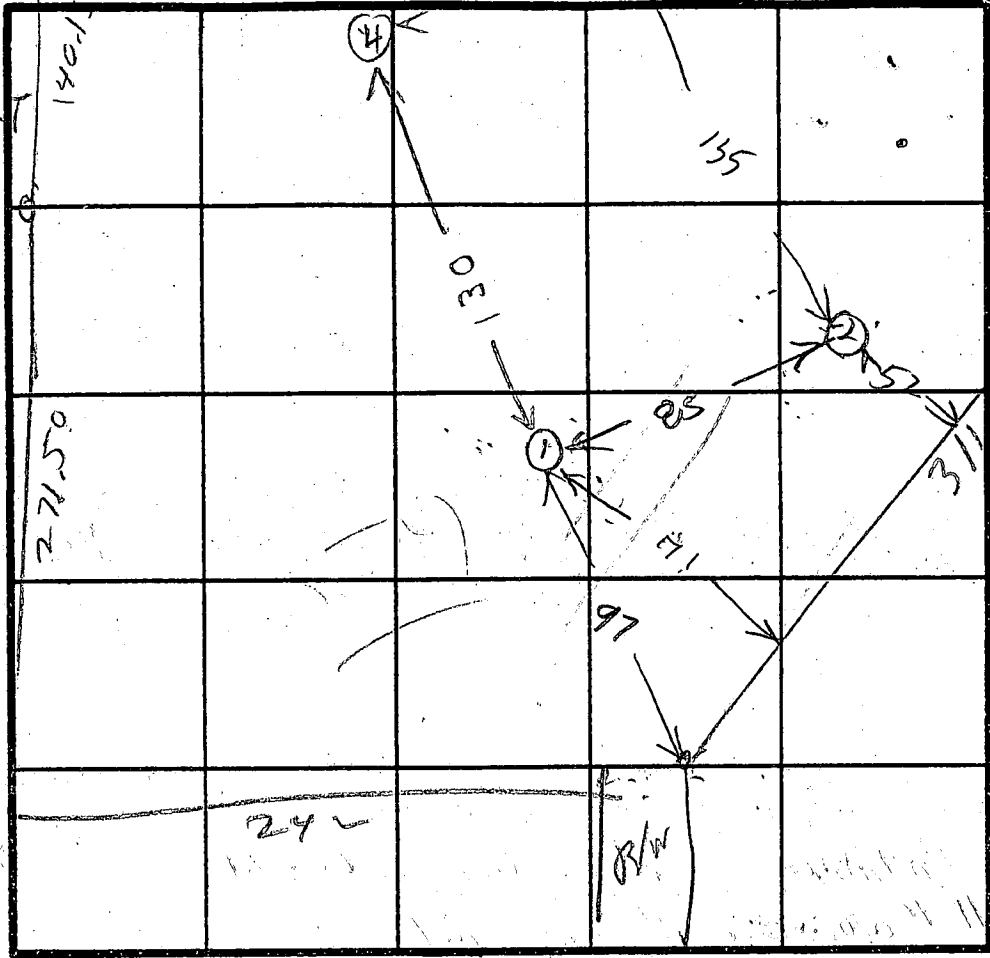
12 1/2

(2) (3)

BROWN CLAY
BROWN & GRAY SAND
MICA LOAM

(4)

BROWN CLAY
GRAY BROWN SAND
LOAM



HOLE ELEVATION
① = HIGHEST
③ = LOWEST
② = NEXT LOWEST
④ = NEXT HIGHEST

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/12/86	1S	3	305	306	306	308	2
	1D	3	306	306	309	309	1
10/27/86	1V	12 1/2	OK				
	2S	2.5	311	312	312	312	
	2V	11.5	OK				
	3S	3	315	316	316	318	2
	3V	11.5	OK				
	4S	5	320	323	323	326	3
	4V	13	OK				

BOTTOM MAX 4.5'

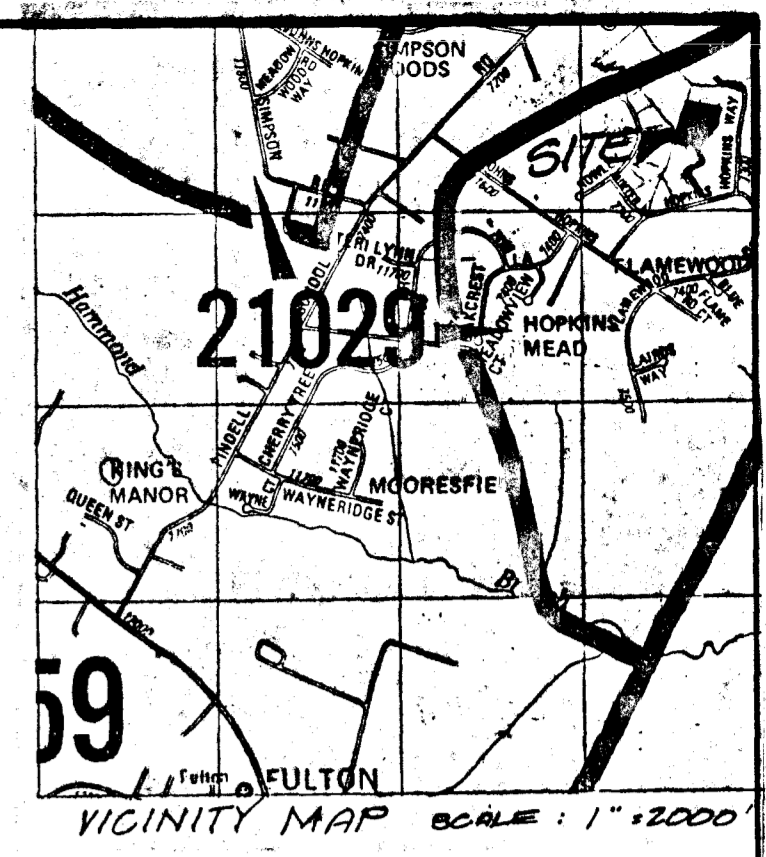
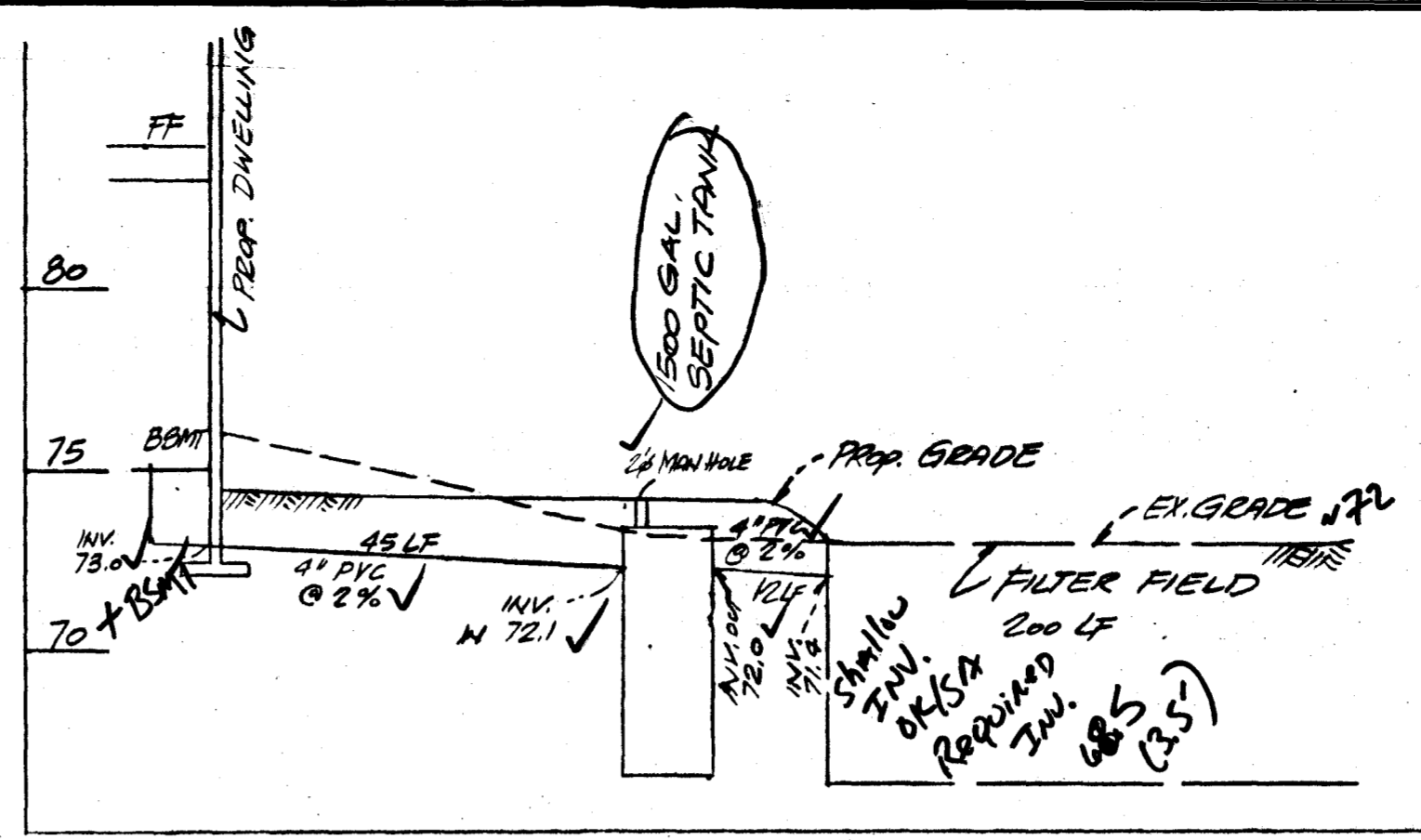
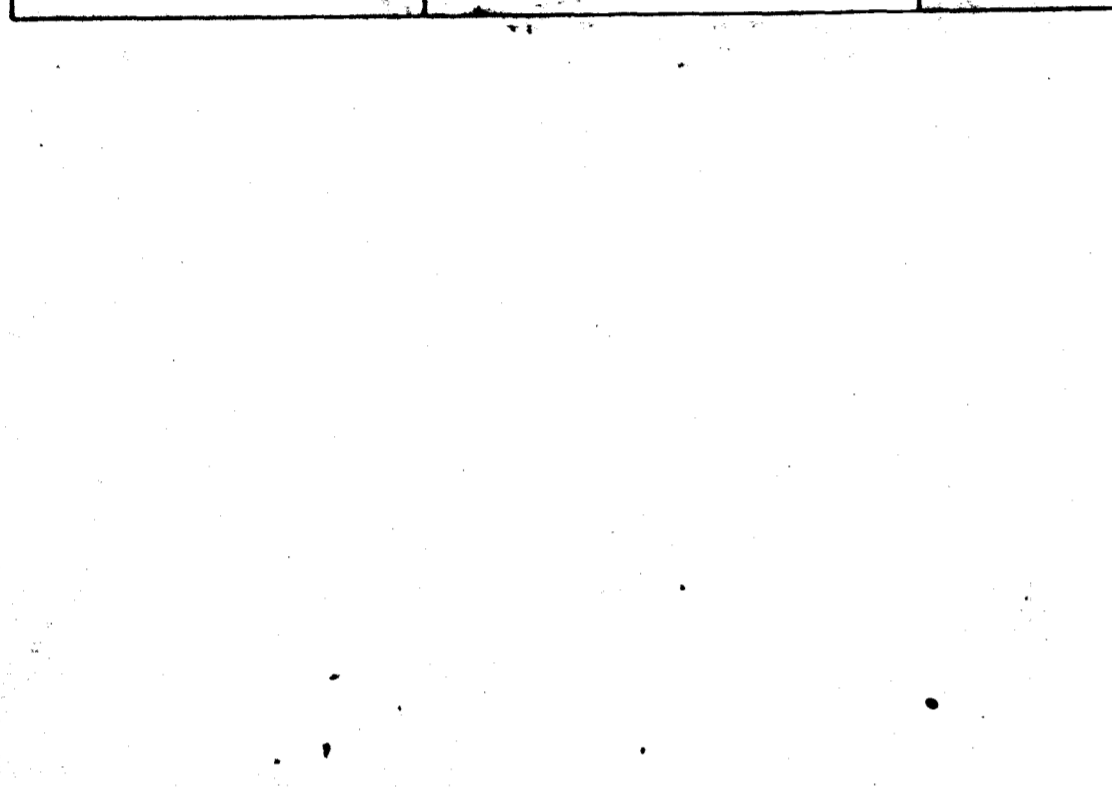
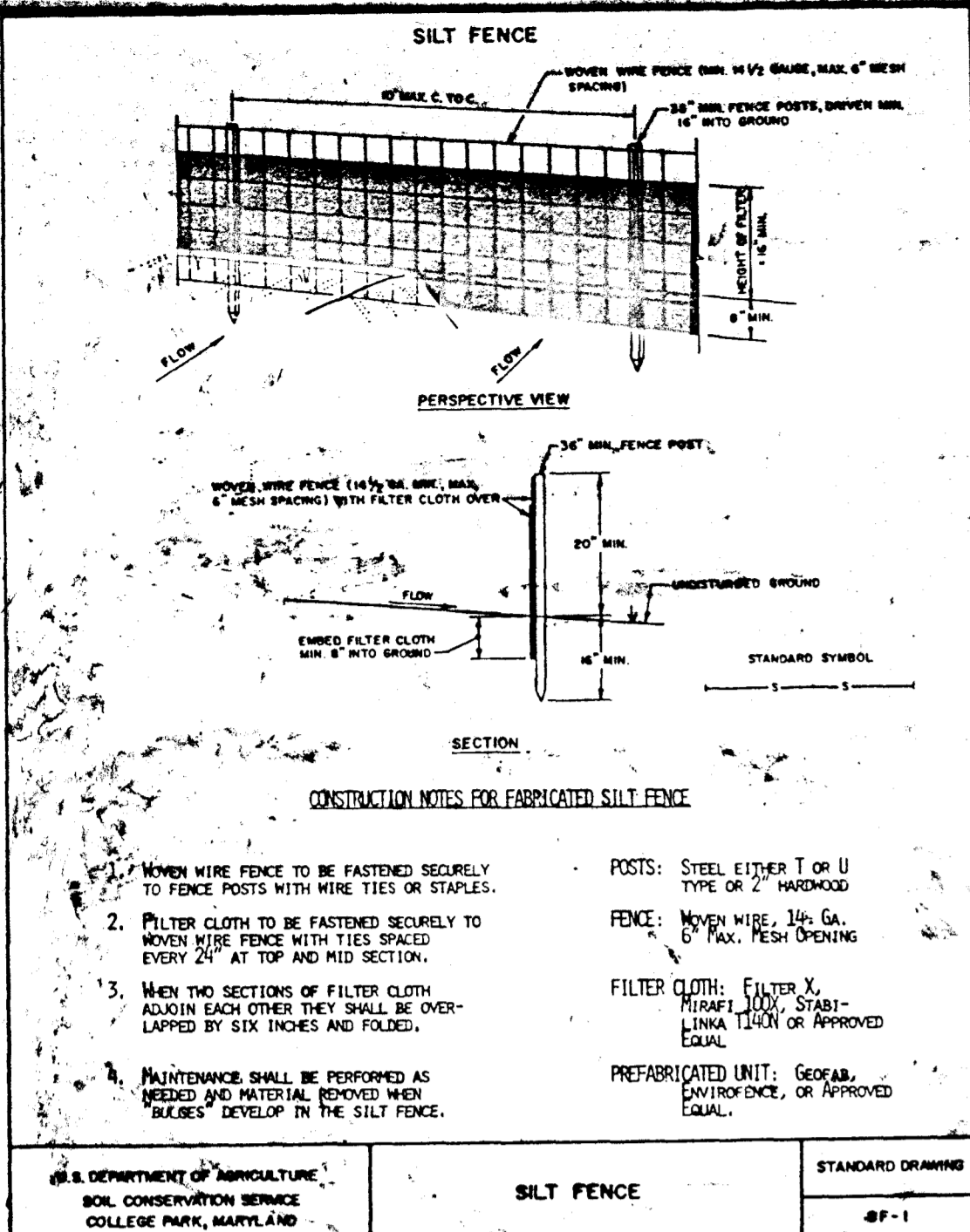
REMARKS Shallow System only

TYPE OF SOIL _____

TESTED BY R. HODGIES

ALSO PRESENT D. SIMPSON
SKIP OFF ROCK

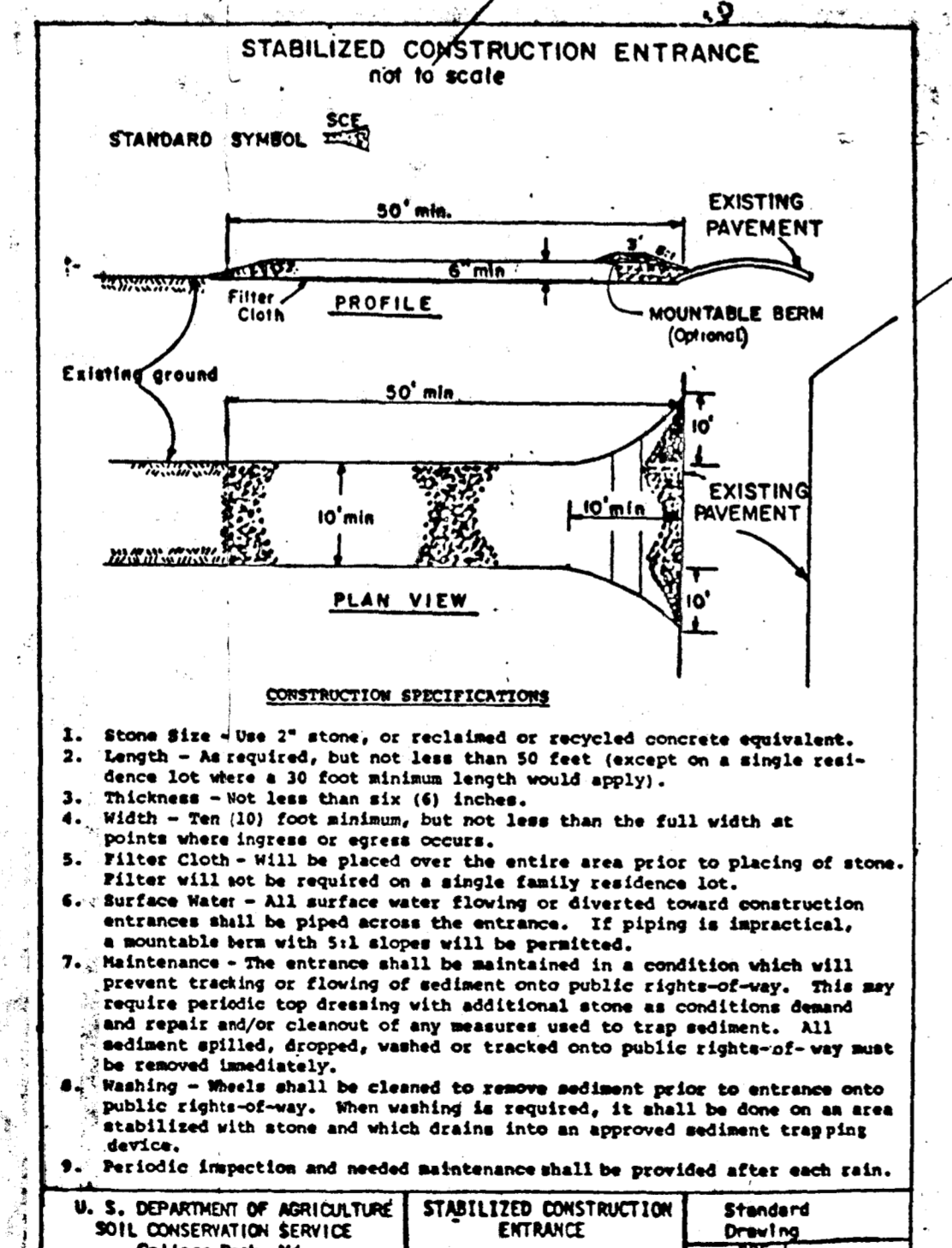
EH-12-1079



SITE ANALYSIS

DEED REFERENCE PLAT # 7089
 EXIST. ZONING R
 TOTAL AREA OF TRACT TO BE SUBDIVIDED N/A
 TOTAL AREA IN STREET R/W N/A
 TOTAL AREA IN LOTS 3.292 AC.
 TOTAL AREA IN OPEN SPACE N/A
 PROPOSED DEVELOPMENT N/A
 PROPOSED NO. OF DWELLING UNITS 1
 PROPOSED NO. OF PARKING SPACES N/A
 ROAD SYSTEM (50' R/W) N/A
 WATER AND SEWER SYSTEM WELL & SEPTIC
 STORM DRAINAGE AND STORMWATER MANAGEMENT FACILITY PROVIDED N/A
 COMMON AREAS TO BE MAINTAINED BY HOME OWNERS ASSOCIATION N/A
 PRELIMINARY PLAN APPROVAL N/A
 500' ACCESS RESTRICTION - WAIVED
 PERCENTAGE OF OPEN SPACE (GREEN AREA) TO REMAIN N/A
 MAXIMUM NUMBER OF DWELLING UNITS ALLOWED @ N/A PER AC.
 REQUIRED NUMBER OF PARKING SPACES N/A

NOTE: SEDIMENT CONTROL FOR THIS DEVELOPMENT SHALL BE CARRIED OUT ACCORDING TO PLANS APPROVED BY HOWARD COUNTY SCD LABEL F.



PROFILE OF SEPTIC SYSTEM
SCALE: HORIZ. 1" = 20'; VERT. 1" = 5'

- SEQUENCE OF CONSTRUCTION**
- Obtain Grading Permit.
 - INSTALL SILT FENCE
 - Stabilize site with permanent vegetation.
- NOTES:**
- For Sediment and Erosion Control Plans, notes and other Construction Drawings see F-5703 plans.
 - The Contractor or Developer shall contact the Construction Inspection/ Survey Division, 24 hours in advance of commencement of work at 852-7272.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM- DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF, BUREAU OF ENGINEERING _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION _____ DATE _____

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

COUNTY HEALTH OFFICER _____ DATE _____

Reviewed for _____ S.C.D. Name and meets Technical Requirements.

U.S. Soil Conservation Service Date _____

THIS DEVELOPMENT PLAN IS APPROVED FOR 90% EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Howard S.C.D. _____ Date _____

I certify that this plan for erosion and sediment 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.

Paul G. Simpson, P.E. 15 July '88
Signature of Engineer Date

I/We certify that all development and construction will be done according to this plan, and any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.

Joseph L. Updegraff 7-15-88
Signature of Developer Date

ADDRESS CHART

LOT NO.	STREET ADDRESS
55	OLD HOPKINS RD.

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20910
(301) 585-5676

STATE OF MARYLAND
Professional Engineer
Paul G. Simpson
7/15/88

SITE & GRADING PLAN

DES: _____
 DRN: 555
 CHK: _____
 DATE: 10/81

NO.	REVISION	DATE

Property Owners:
Donald Simpson
1382 Old Hopkins Rd.
Clarksville, Maryland
21029

HALLMARK SUB.
ELECTION (5TH) DISTRICT
HOWARD COUNTY, MARYLAND

SUBDIVISION NAME: **HALLMARK** SECT./AREA: 1/55,422
 PLAT # OR L/F BLOCK: P 7089 ZONE: R TAX/ZONE MAP: 41 ELEC. DIST: 5th CONSERV. TR.:
 WATER CODE: Well SEWER CODE: Septic
 SCALE: AS SHOWN SHEET OF 1
 DATE: _____