

2:00 P.M.
3-25-96
3/26/96
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

377527

INDEXED

P 56419C

A 50472

DISTRICT 2nd

DATE 1/26/96

DATE SYSTEM APPROVED 3/27/96

INSPECTOR Am

Jack Fyock Septic Service

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Clark Farm LOT 1 ROAD 10419 Queensway Drive

PROPERTY OWNER James Clark
ADDRESS 10419 Queensway Drive
Ellicott City, MD 21043

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 1818.82 and 2,300 foot lot lines, place distribution box 55 feet down the 1818.82 lot line and 35 feet off that same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/19/95 DKS

PLANS APPROVED BY Amy McMillen DATE 7/13/95

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 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 PVA 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

HD-260(6-90)

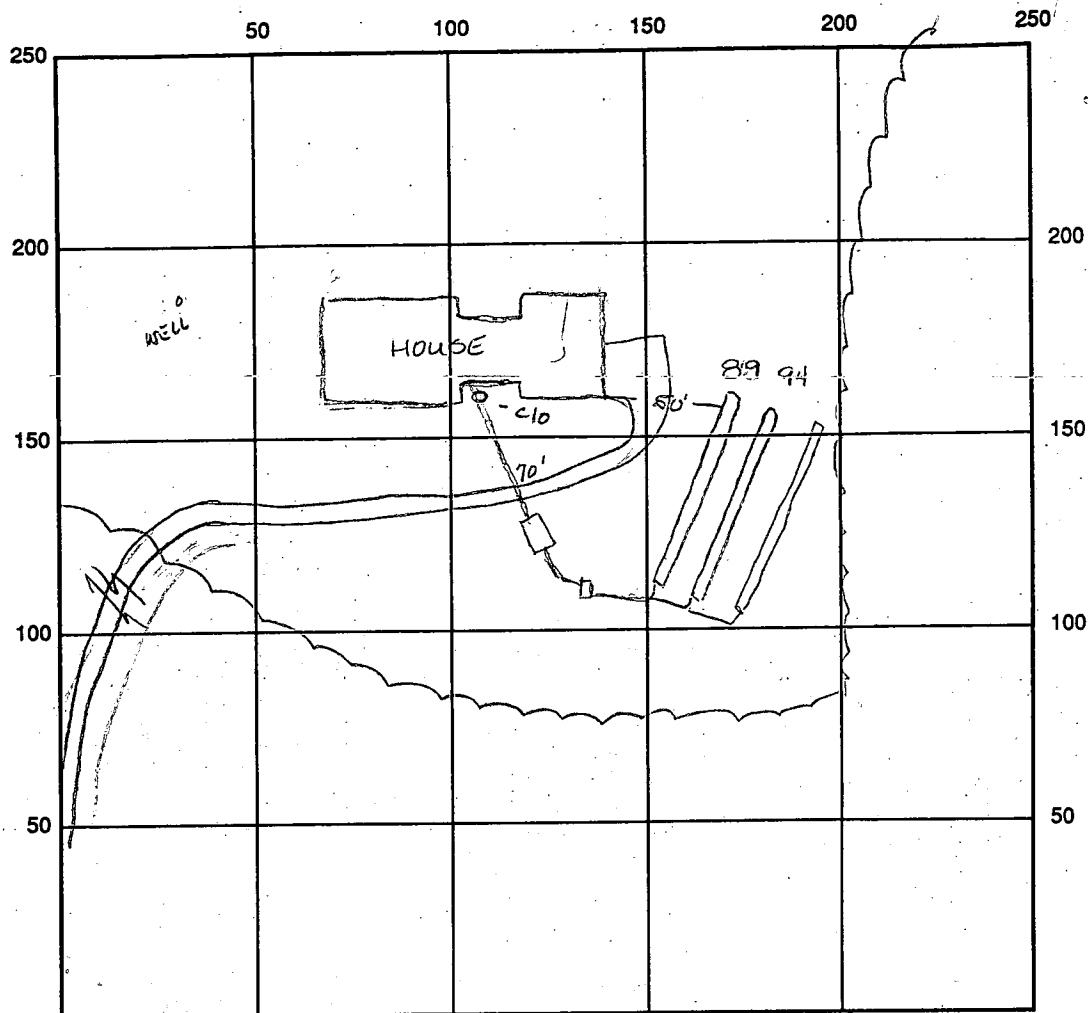
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLDG. PERMIT SIGNED

AND RETURNED 11/2/2000

B00127277 FINISH BASEMENT

A 50472



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
QUEENSWAY DR

SEPTIC TANK LEVEL OK cleaned OK CLEANOUTS 40 OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 3.0 FT. TOTAL LENGTH 289 FT. 89 94 linear ft

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 3/25/96 OK to cover trenches 1 & 2 & septic tank & line

3/26/96 OK to cover all work final sum

DATE SYSTEM APPROVED 3/26/96 INSPECTOR Dmy McMillen

1/12/95
10:00
Glen

APPLICATION

PERCOLATION TESTING

A 50472

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 1/9/95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER A. + G. CLARK

ADDRESS 10320 Kettledrum Court E.C. PHONE 410-461-6206

AGENT OR PROSPECTIVE BUYER S. CARNEY

ADDRESS 2808 Brian Court, E.C., MD PHONE (410)-250-6906
21043

PROPERTY LOCATION:

SUBDIVISION CLARK FARM LOT NO. 1

ROAD AND DESCRIPTION lot access from Queensway Drive

TAX MAP 29 PARCEL # P3

SIZE OF LOT 1 acre TYPE BLDG. Single Family Dwelling
(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. S. CARNEY / car Agent
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A #50472
COUNTY #

SOIL PROFILE

Hole ①
0'-4 1/2"
Clay
4 1/2'
LOAM
20% Sandstone etc.
to Bk Bottom
10'-8 1/2'

Hole ②

0'-4 1/2"
Clay
4 1/2'
LOAM
20% Sandstone etc.
Bottom
12 1/2'

Hole ③

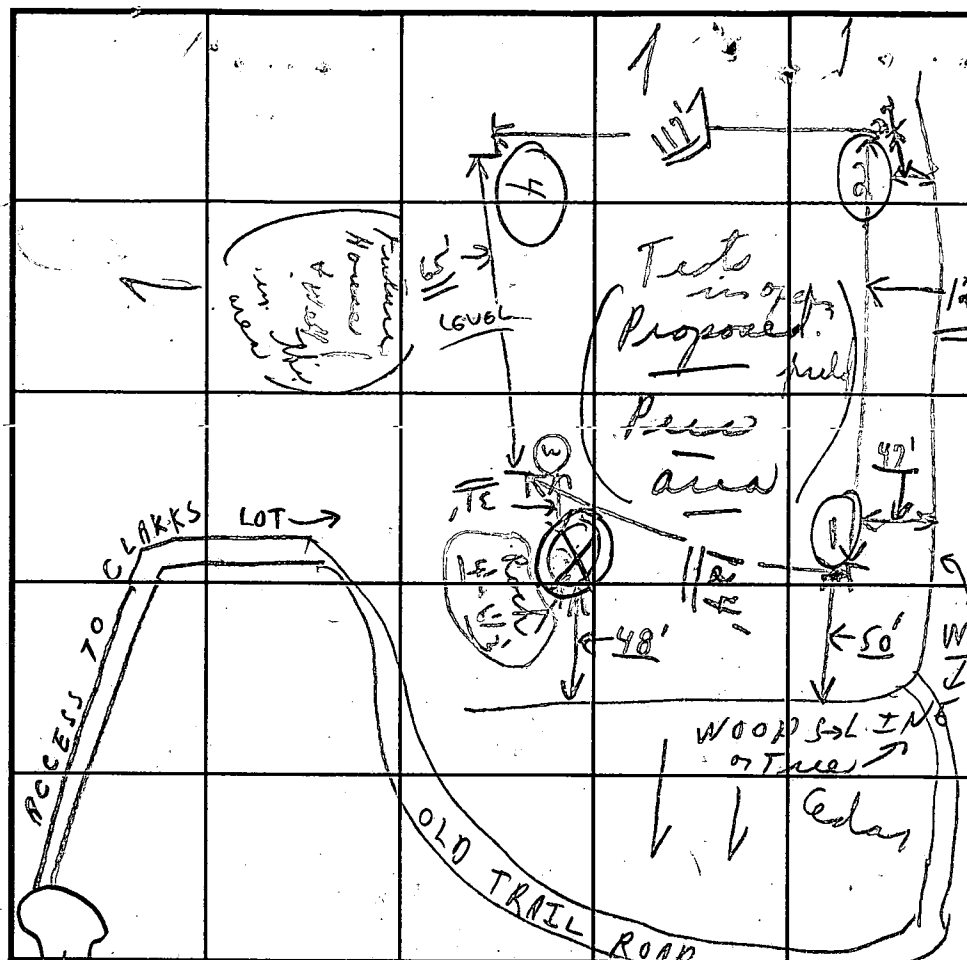
0'-5'
Clay
5'
LOAM
to
20% Sandstone etc.
Bottom
11 1/2'

SOIL PROFILE

Hole #4
0'-4'8"
Clay
4'-8"
LOAM
20% Sandstone etc.
to Bottom
12'

Hole #5

0'-1'
Not Used
to Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

QUEENS WAY DRIVE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/12/95	Hole ①	5'	10:00	10:01	10:01	10:04	2 min
(Thursday)		10'-8 1/2"	0'-4 1/2" Clay				(20% Sandstone)
	Hole ②	4 1/2'	10:07	10:13	10:13	10:23	10 min
		12 1/2'	0'-4 1/2" Clay		similar to #1		
	Hole ③	5'					
		11 1/2'	similar to #1		1'-5 1/2" Clay		SANDY
	Hole ④	4'-8"	10:30	10:32	10:32	10:34	2 min
		12'	0'-5 1/2" Clay		(20% Sandstone)		
		(No other)					
	X	FAILED ROCK					

REMARKS 1/12 Tests per above, test in open field

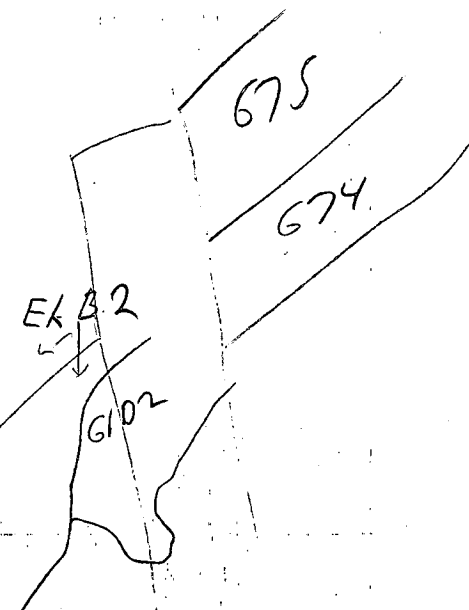
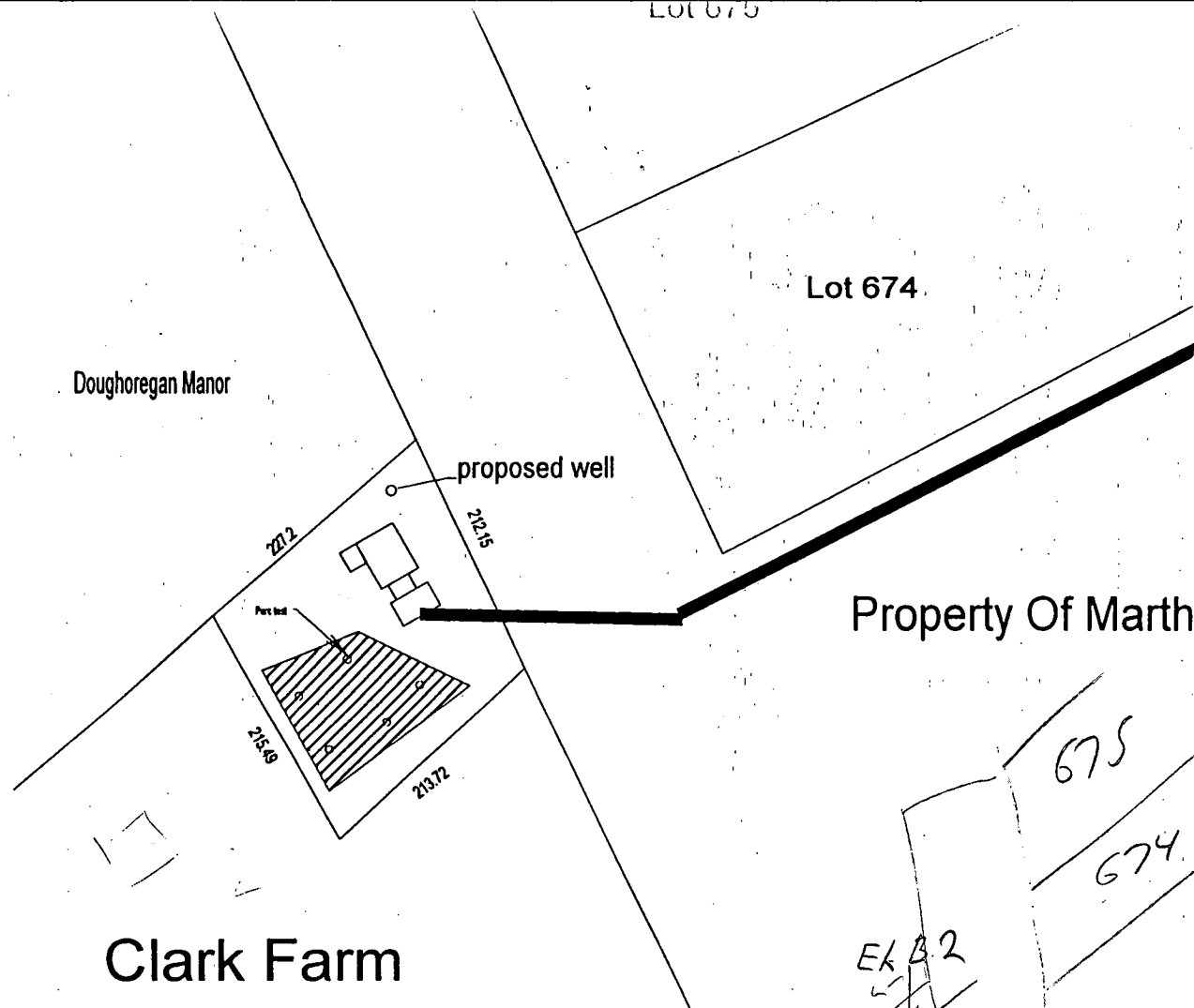
TYPE OF SOIL near woods Loam below (6 in. sewage)

TESTED BY C. Bid, & G. S. ALSO PRESENT {2 F. J. & M. S.}

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 min TRENCH WIDTH 18 in. Carry 2

INLET DEPTH 4 1/2' MAXIMUM BOTTOM DEPTH 9 1/2' SQ. FT/BEDROOM 180 sq ft/BR

0.5' 5' of stone under pipe



1/9/95

POSSIBLE
SOIL TYPES

ELIOAK SILT LOAM 3-8% SLOPE, MODERATELY ERODED
GLENELG LOAM 3 TO 8% SLOPE MODERATELY ERODED

NOTE - DEPTH TO BEDROCK?

- MODERATELY SLOW PERMEABILITY IN EK-B2?
- SLOPE

SOILS MAP SHEET 19
CENTER, TOP 1/3

GLENELG SL - POTENTIAL BEDROCK PROBLEM 4-10 FEET

E 410A/K SL = " " " 5-10' (BBL) , SEVERE : MOD. SLOW PERM (DISPOIAL GLENELG)

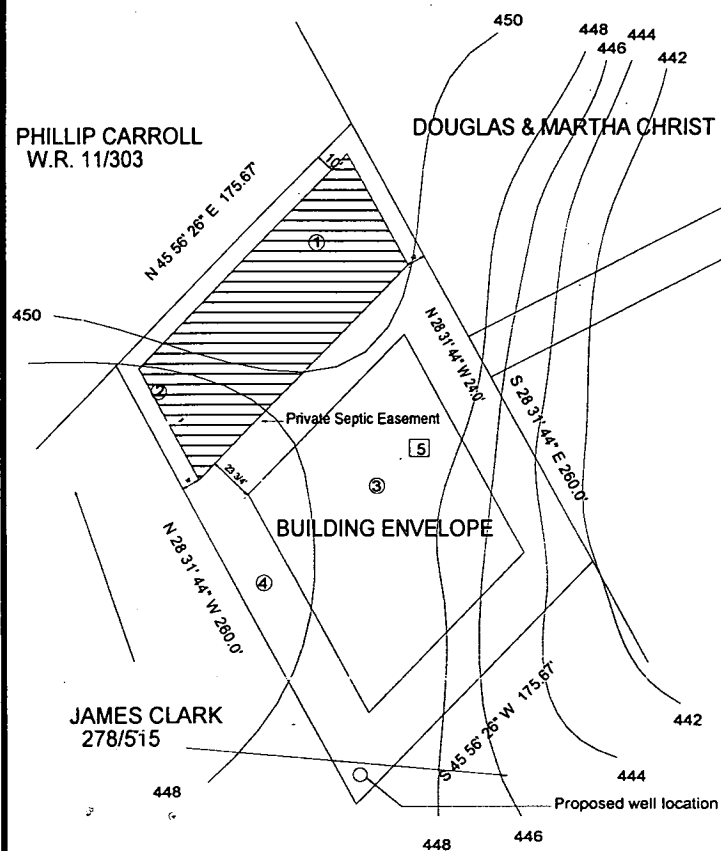
APPROVED: For private water and private sewerage systems.
Howard County Health Department

Joseph M. Boyle 3-15-95
Howard County Health Officer Date

Existing access easement to Queensway Court.
Recorded as "Revised Plat of Burleigh Manor"
section two, Part of Parcel B-2, recorded as
Plat 8737

PROPERTY KNOWN AS:

Lot 1, "Hopkins Estates"
Howard County, Maryland



QUEENSWAY COURT

Proposed Access Easement



This area designates a private sewerage easement of at least 10,000 square feet as required by the Maryland Department of the Environment for individual sewerage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures connected on this building site. This easement 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 easement. Recordation of a modified sewerage easement shall not be necessary.

-All percolation test holes that have passed are shown hereon have been field located and thus shown (0)

-All percolation test holes that have failed are shown hereon have been field located and thus shown (□)

I hereby certify that all information contained herein is accurate to the best of my knowledge. All wells and private septic systems that are located within 100 feet of the property line are shown.

Sean K. Carney
Doughoregan Homes, Inc.
2808 Brian Court
Ellicott City, Maryland 21043
Sean K. Carney (410) 750-6406

Date

scale: 1"=100'

Approved Septic System Plan Howard County Health Department

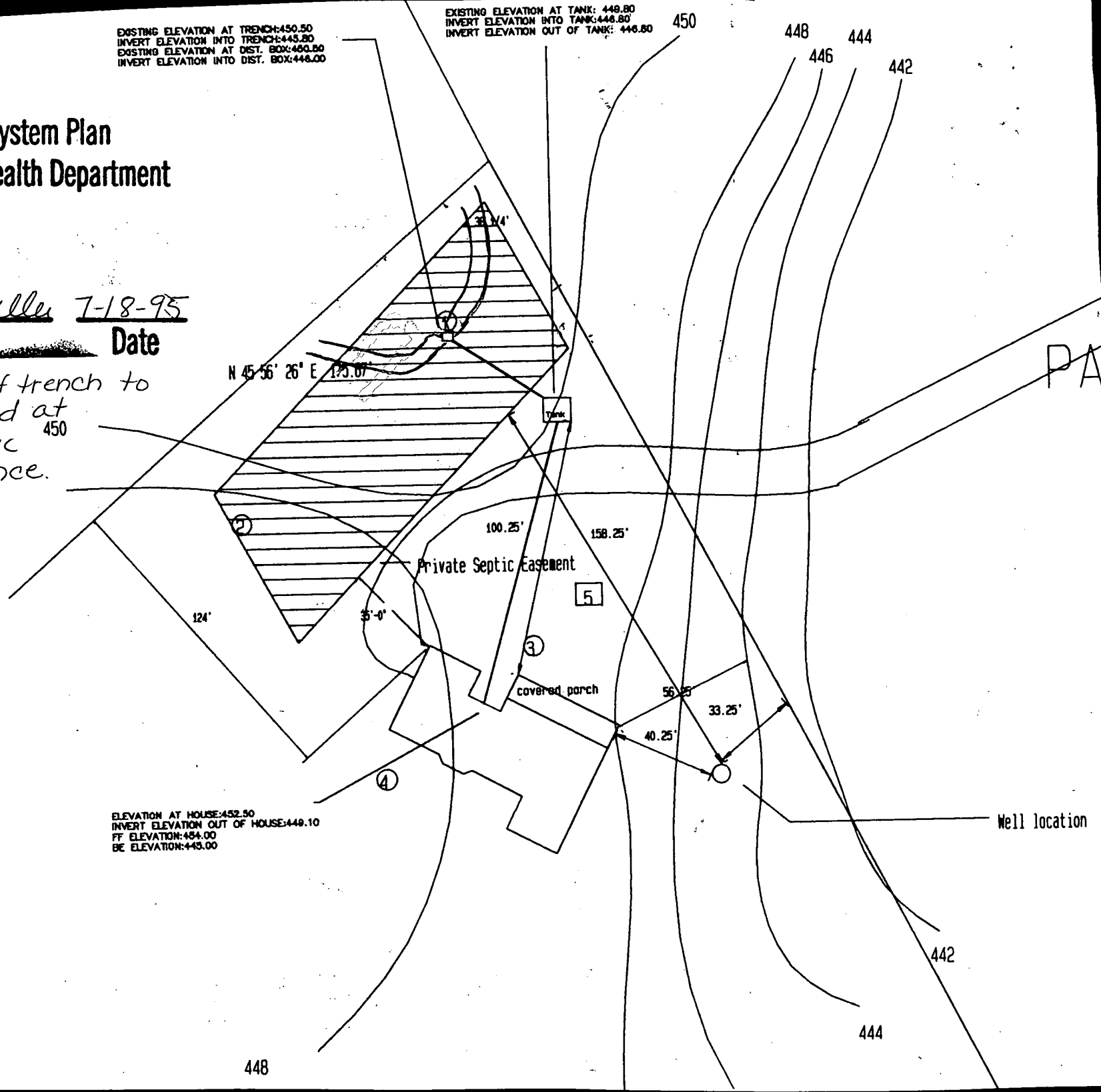
Amy McMullen 7-18-95
Signature _____ Date

Linear feet of trench to
be determined at
time of septic
permit issuance.

EXISTING ELEVATION AT TRENCH: 450.50
INVERT ELEVATION INTO TRENCH: 445.50
EXISTING ELEVATION AT DIST. BOX: 450.00
INVERT ELEVATION INTO DIST. BOX: 446.00

EXISTING ELEVATION AT TANK: 449.80
INVERT ELEVATION INTO TANK: 446.80
INVERT ELEVATION OUT OF TANK: 446.80

ELEVATION AT HOUSE: 452.50
INVERT ELEVATION OUT OF HOUSE: 449.10
FF ELEVATION: 454.00
BE ELEVATION: 443.00



SCALE: 1"=50'

C10849

SEQUENCE NO.
(DENV. USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPEPERMIT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A# 50472

ST/CO USE ONLY
DATE Received

060795

DATE WELL COMPLETED

042195

Depth of Well

22 500 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-94-0437

OWNER DOUGHOREGAN HOMES
STREET OR RFD last name QUEENSWAY DRIVE first name TOWN E.C.
SUBDIVISION HOPKINS ESTATES SECTION LOT 1

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	
red clay	2	4	
brown shale	4	14	
Mica	14	60	
Sand Stone	60	61	✓
Mica	61	355	
Flint	355	358	✓
Mica	358	450	
Flint	450	452	✓
Mica	452	500	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ no ☐

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☒

NO. OF BAGS 13 NO. OF POUNDS 1300

GALLONS OF WATER 65

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 36 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

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

ST 6 40

OTHER CASING (if used)

diameter depth (feet) from to

screen type or open hole

insert appropriate code below

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

DEPTH (nearest ft.)

H0 38 500

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS

FLOWING WELL INSERT

F IN BOX 68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

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.) 8.5

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 36

WHEN PUMPING 159

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:

CAPACITY:

GALLONS PER MINUTE

(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH

(nearest ft.)

CASING HEIGHT (circle appropriate box

and enter casing height)

above

LAND SURFACE

below

(nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS

BUILDING, SEPTIC TANKS, AND/OR

LANDMARKS AND INDICATE NOT LESS

THAN TWO DISTANCES

(MEASUREMENTS TO WELL)

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.WELL HYDROFRACTURED yes no
Y XCIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"
AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign of driller or journeyman
responsible for sitework if different from permittee)MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

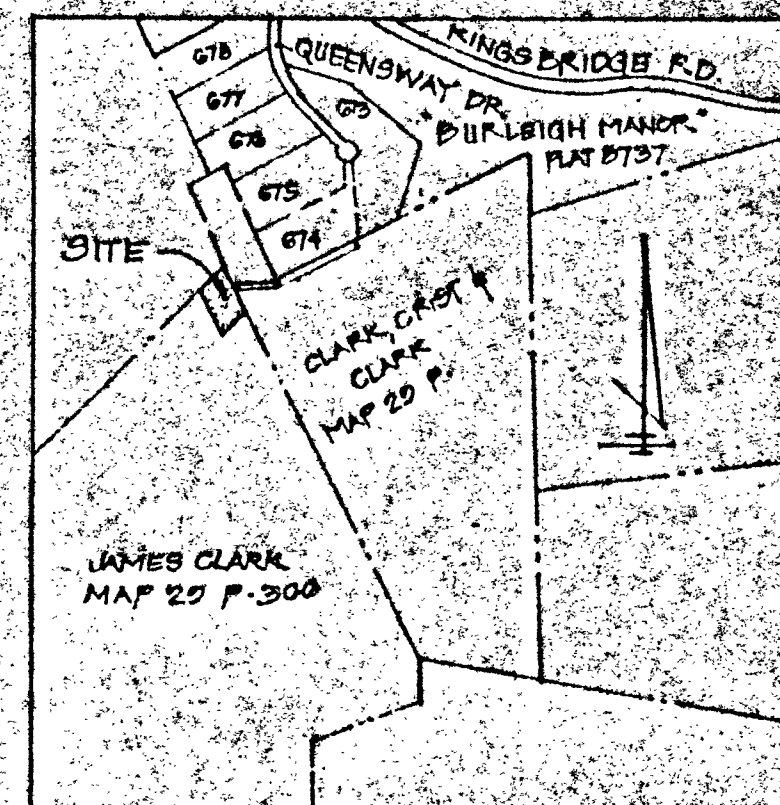
COUNTY

COORDINATE TABLE		
POINT NO.	NORTHING	EASTING
1	517380.224	834154.427
2	517151.794	834278.603
3	517025.301	834156.703
4	517253.731	834032.527
5	517356.867	834438.033
6	517247.689	834226.473

COORDINATES BASED ON NAD'83 MARYLAND COORDINATE SYSTEM, AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 24GB AND NO. 24GC.

THE REQUIREMENTS § 3-106 THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.)

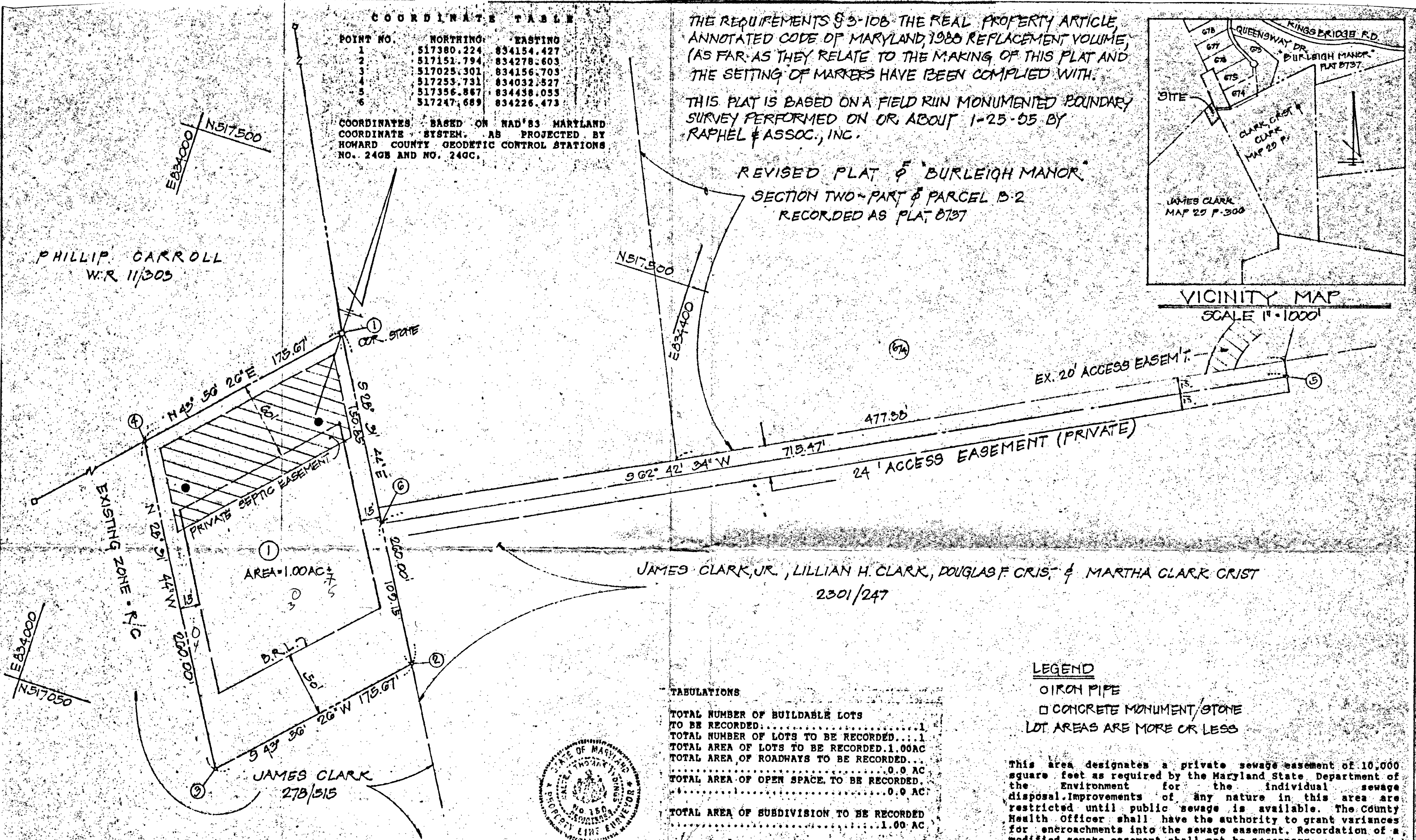
THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT 1-25-05 BY RAPHEL & ASSOC., INC.



REVISED PLAT OF "BURLEIGH MANOR"
SECTION TWO - PART OF PARCEL B-2
RECORDED AS PLAT 8737

VICINITY MAP
SCALE 1" = 1000'

PHILLIP CARROLL
W.R. 11/30/03



JAMES CLARK, JR., LILLIAN H. CLARK, DOUGLAS F. CRIST, & MARTHA CLARK CRIST
2301/247

TABULATIONS

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.....	1
TOTAL NUMBER OF LOTS TO BE RECORDED.....	1
TOTAL AREA OF LOTS TO BE RECORDED.....	1.00 AC
TOTAL AREA OF ROADWAYS TO BE RECORDED.....	0.0 AC
TOTAL AREA OF OPEN SPACE TO BE RECORDED.....	0.0 AC
TOTAL AREA OF SUBDIVISION TO BE RECORDED.....	1.00 AC

LEGEND

- IRON PIPE
- CONCRETE MONUMENT/STONE
- LOT AREAS ARE MORE OR LESS

This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of the Environment for the individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. The County Health Officer shall have the authority to grant variances for encroachments into the sewage easement. Recordation of a modified sewage easement shall not be necessary.

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

AS SUBMITTED BY: [Signature] DATE: [Date]

HOWARD COUNTY HEALTH OFFICER (C) DATE: [Date]

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR DATE: [Date]

OWNERS CERTIFICATE

I, James Clark, 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 Office of Planning and Zoning, establish the minimum building restriction lines. All easements of right-of-way affecting the property are included in this plan of subdivision.

Witness my hand this _____ day of _____, 1995

SURVEYORS CERTIFICATE

I hereby certify that the final shown hereon is correct; that it is a subdivision of part of the lands conveyed by Louis T. and Desiree B. Clark to James Clark by Deed dated January 6, 1926 and recorded among the Land Records of Howard County in Liber 278, folio 515, and that all the monuments are in place, or will be in place prior to the acceptance of this subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.

DATE: 3/08/95

Walter T. [Signature] Registered

P.L.S. # 150

RECORDED AS PLAT _____

ON _____ AMONG THE

LAND RECORDS OF HOWARD COUNTY, MD

FINAL PLAT

"HOPKINS ESTATES"

RAPHEL & ASSOCIATES, INC.
205 COURTLAND AVENUE
TOWSON, MARYLAND 21204
PHONE 825-3008 / FAX 825-1331

TAX MAP 20 PARCEL - 3
2ND. ELECT. DIST. HOWARD COUNTY, MD
SCALE 1" = 50' FEBRUARY, 2005