

7/29 NOON

PUB. SEWER STATUS VERIFIED BY SRK NA

05-391512

ISSUE DATE: 7/28/03

P 519 069

APPROVAL DATE: 7/29/03

A REPAIR

PERMIT

SEPTIC LINE CONN.

~~ON-SITE SEWAGE DISPOSAL SYSTEM~~

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

Mark Brew Plumbing & Heating

IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 88, Highland, MD 20777

PHONE NUMBER: 301-854-0609

SUBDIVISION: Broadwater

LOT NUMBER: 1

ADDRESS: 5401 Broadwater Lane

PROPERTY OWNER: Doreen Hines

SEPTIC TANK CAPACITY (GALLONS): _____

PUMP CHAMBER CAPACITY (GALLONS): _____

NUMBER OF BEDROOMS: _____

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	
PURPOSE:	In support of building permit, B00140230. Call for inspection when the ground is opened so sanitarian can recommend repair.

PLANS APPROVED: _____ DATE: _____

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

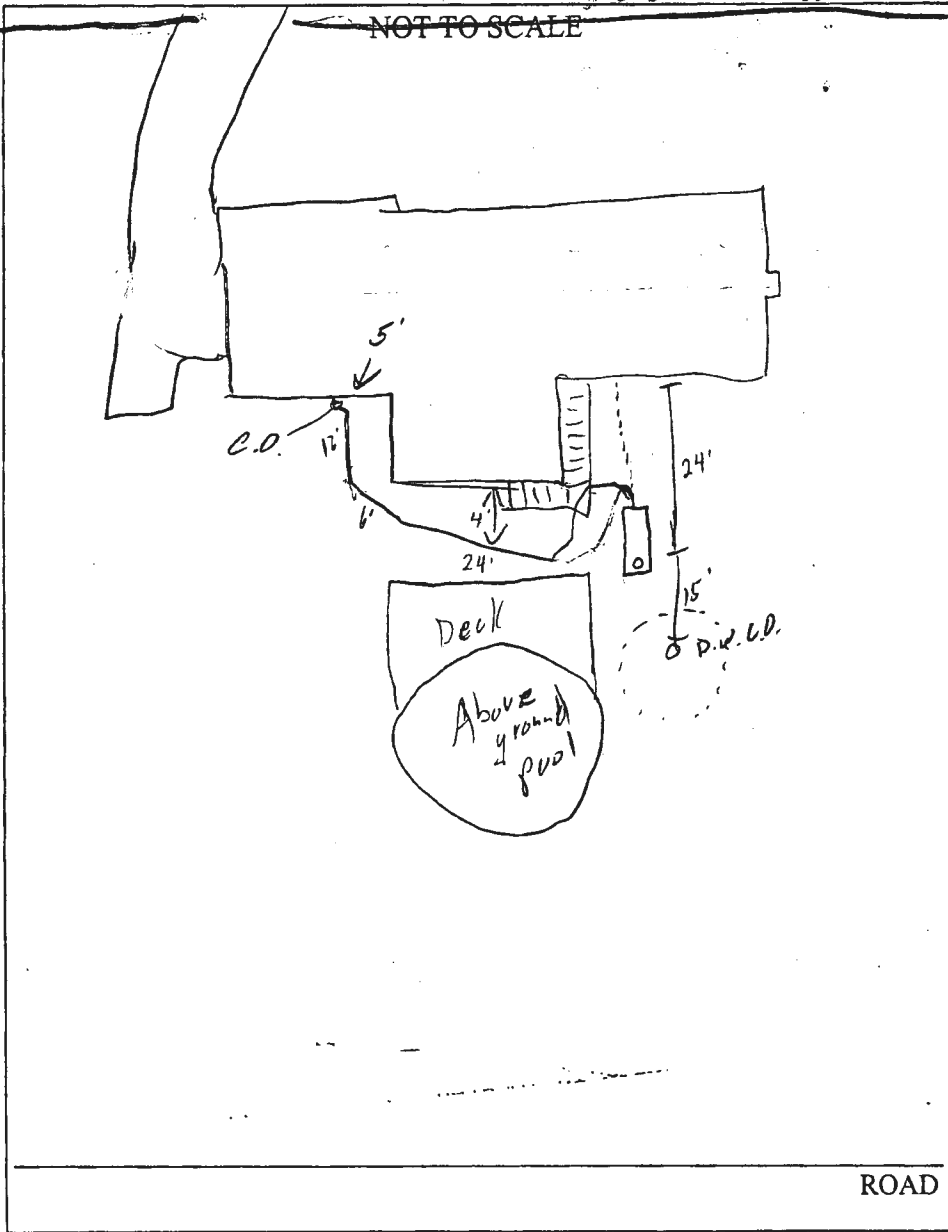
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

Broadwater Lane

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>ex.</u>
CAPACITY	<u>Ex 1000</u> GAL
SEAM LOC	<u>Mid</u>
TANK LID DEPTH	<u>1"</u>
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	<u>Back</u>
WATERTIGHT TEST	_____
SEPTIC TANK 2 LEVEL	<u>NA</u>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION _____

INSTALLATION 7/29/03 OK to cover all work (SC)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 7/29/03

APPROVED
4/6/82
RD

PERMIT

P 31854
A 31310

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 3/30/82

INDEX

J. Joseph Gartland

IS PERMITTED TO INSTALL ALTER

ADDRESS 1718 Old Liberty Road, Westminster, Md. 21157 PHONE 875-2400 or 876-2399

SUBDIVISION ROAD 5401 Broadwater Lane LOT 1

PROPERTY OWNER ~~Glee and Margaret Smith~~ DOREEN HINES

ADDRESS P. O. Box 72, Clarksville, Md. 21029 Phone: 286-2547

SPECIFICATIONS 3 bedrooms (only 2 bedrooms in house)

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET. BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET. BOTTOM AREA SQ. FT.

DRY WELL AND TRENCH ~~SEPTIC PITS~~ ABSORBENT SIDE-WALL AREA 150 SQ. FT. per bedroom

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 215 FT. FROM front LOT LINE AND 115 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM Broadwater Lane.

Add a trench off the dry well to make necessary additional absorbent area after a 5 ft. earth buffer. Ditch is to be 10 ft. deep below original grade, with inlet at 5 ft. deep below original grade and filled with 5 ft. of stone. Run ditch on level ground toward perc hole #4 which is located 115 ft. from the right lot line and 180 ft. from the front lot line as seen when facing the lot from Broadwater Lane.

PLANS APPROVED BY Raymond Hodges DATE 9/11/81

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

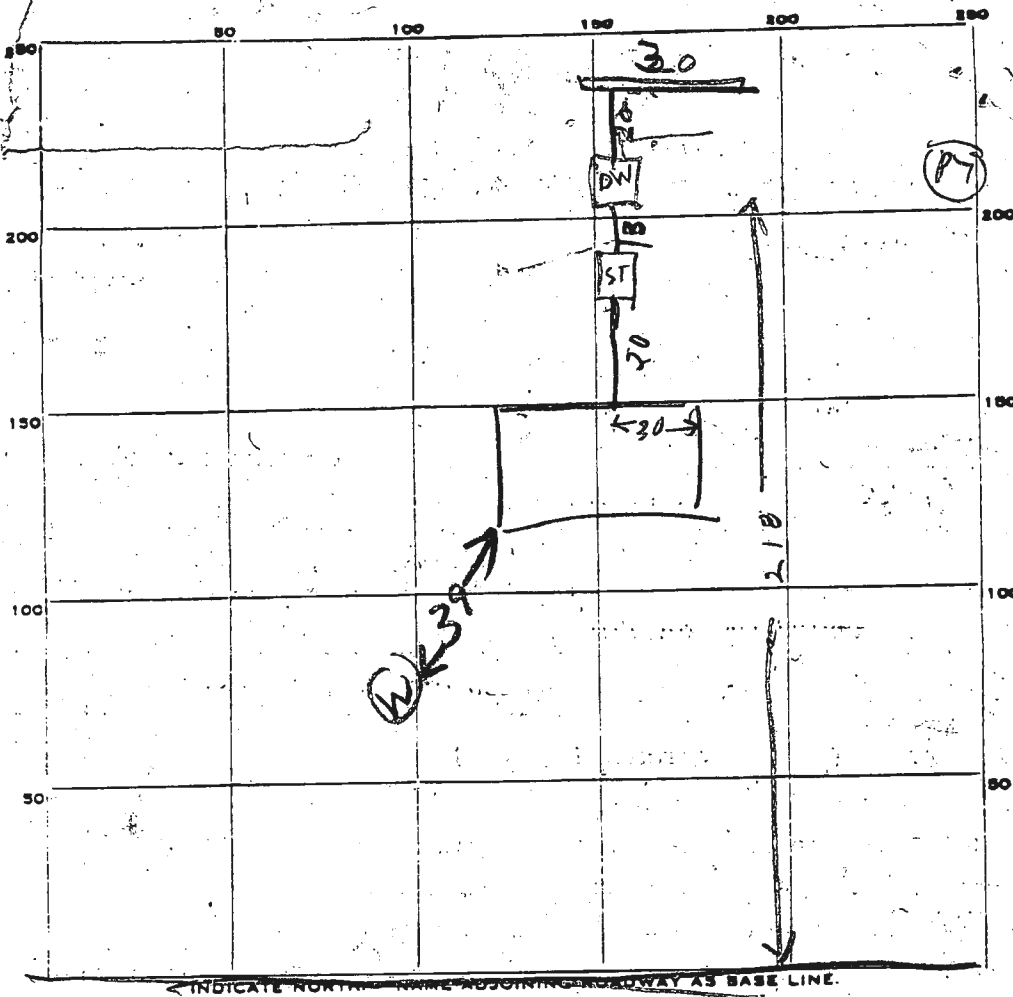
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
BUILDING PERMIT SIGNED

2/6/2003 AND RETURNED

300140231 DINING ROOM

2/12/2003 300140230 GARAGE, MASTER BR, BATH & OFFICE



PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1000 CONCRETE

ST	DW
NO	NO
4/6/82 OK	NO

DISTRIBUTION BOX, LEVEL _____

DITCH
TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 30 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 150

SEEPAGE PITS, INSIDE PERIMETER 60 FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 300 SQ. FT.

REMARKS 4/2/82 LOCATION OK DW HOLE 8" DIA - 10 FT DEEP

ADD STONE TO DITCH & FINISH JOB R/H

4/6/82 7:40 OK TO COVER TANK & HOUSE SEWER R/H

4/6/82 4:00 PM - DW INLET 4 1/2 FT B.O.G.

BUILDING PERMIT SIGNED

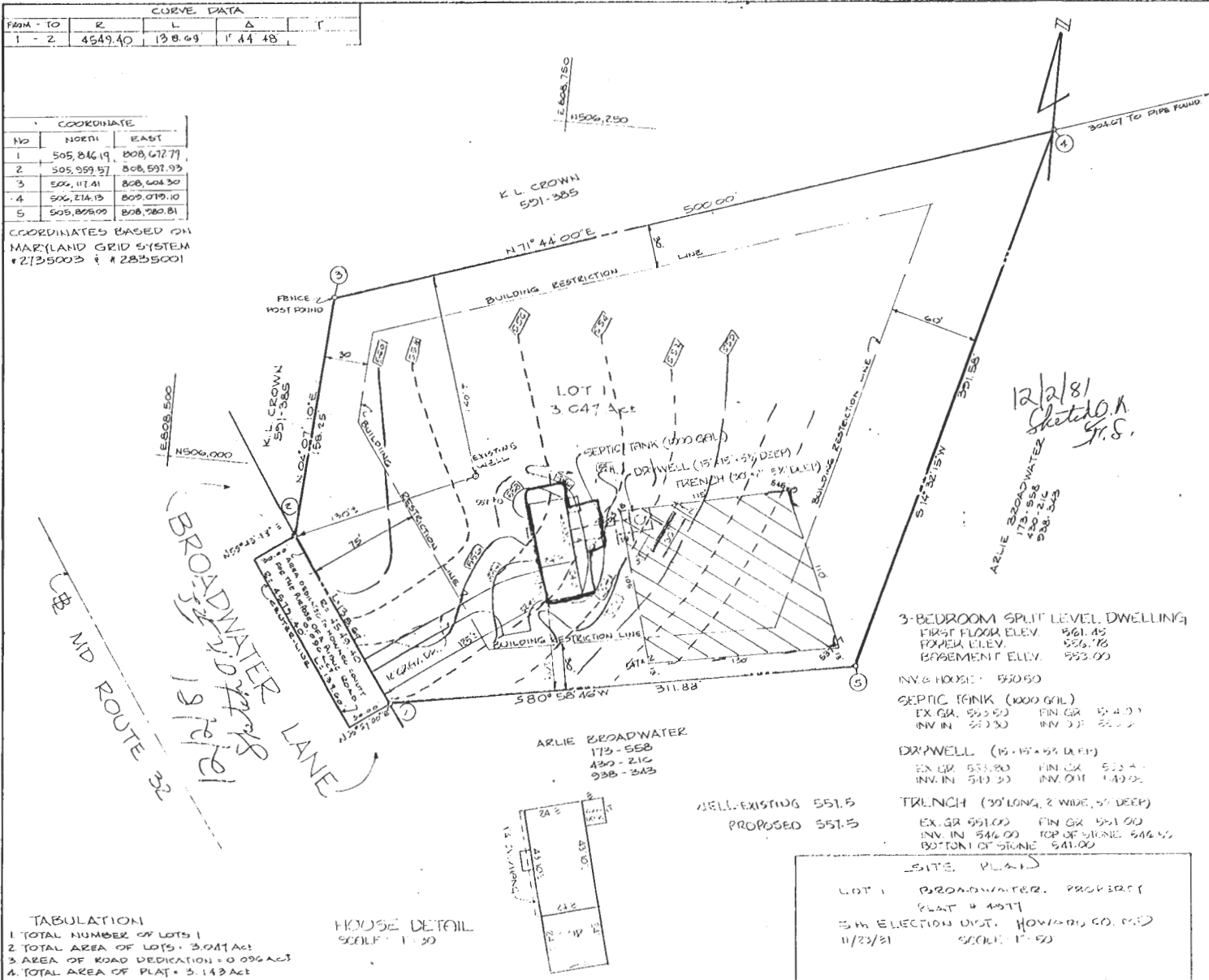
AND RETURNED

DATE SYSTEM APPROVED _____ INSPECTOR _____

CURVE DATA				
FROM - TO	R	L	Δ	T
1 - 2	4549.40	130.69	1° 44' 48"	

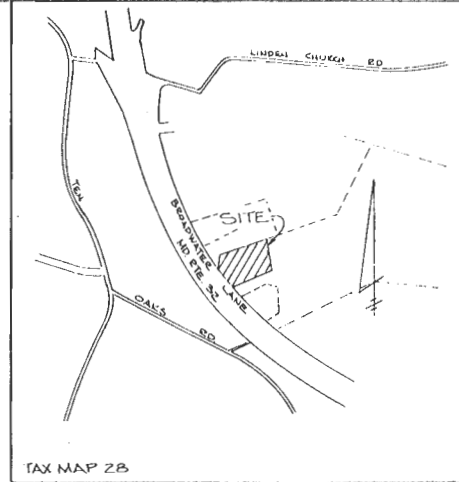
COORDINATE		
NO	NORTH	EAST
1	505,846.19	808,672.77
2	505,959.57	808,597.93
3	506,117.41	808,604.30
4	506,214.13	809,019.10
5	505,855.09	808,580.81

COORDINATES BASED ON MARYLAND GRID SYSTEM #2735003 & #2835001



TABULATION

- TOTAL NUMBER OF LOTS 1
- TOTAL AREA OF LOTS 3.047 AC
- AREA OF ROAD DEDICATION = 0.036 AC
- TOTAL AREA OF PLAT = 3.143 AC



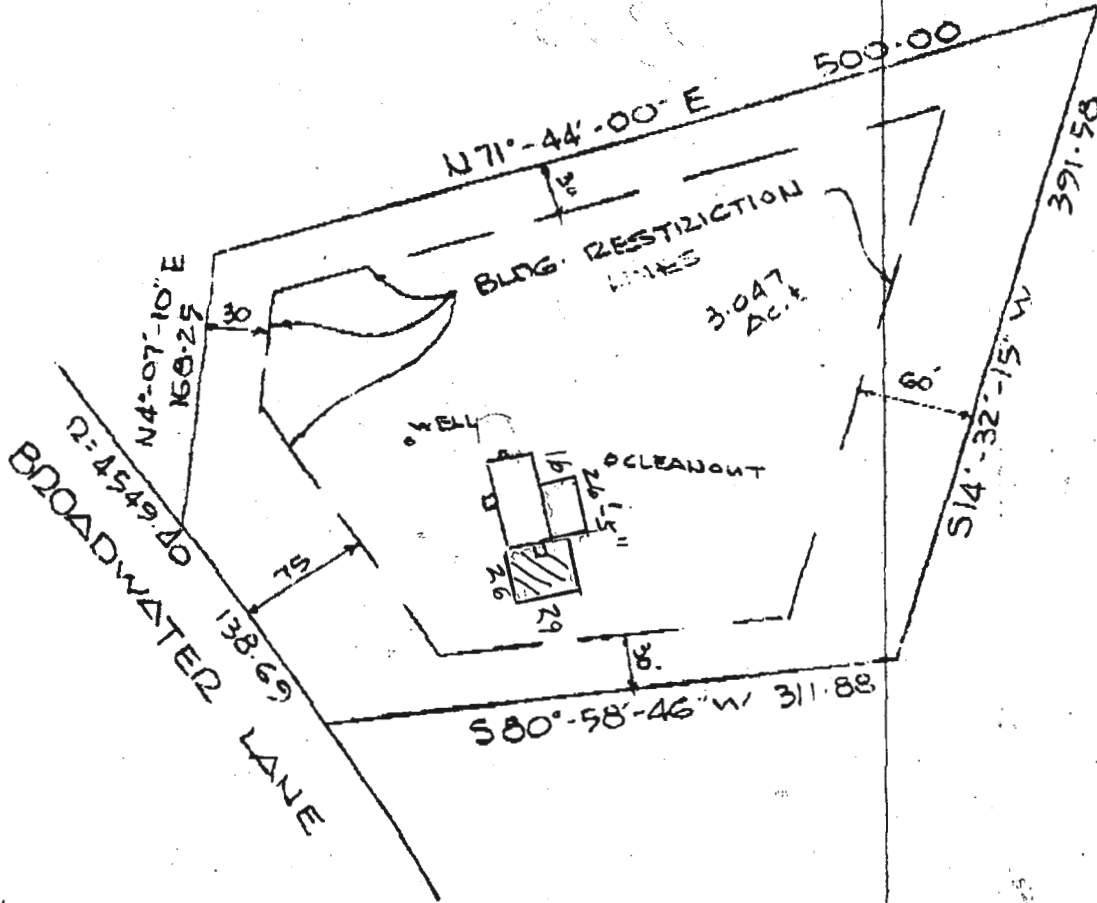
LOCATION MAP
SCALE 1" = 1200'



HUDKINS ASSOCIATES, INC.
 SUITE 231, JOSEPH SQUARE
 5485 HARPERS FARM ROAD
 COLUMBIA, MD 21044

12/2/81
 Shetler
 S.F.S.

This is to certify that I have surveyed the premises known as No. 5401 Broadwater Lane for the purpose of locating the improvements and the improvements are located as hereon shown.



LOT 1 PLAT OF SUB. OF
ARLEY W. - MARY M. BROADWATER
PLAT CMP 4977

5TH DISTRICT HOWARD CO., MARYLAND

SCALE: - 1" = 100'

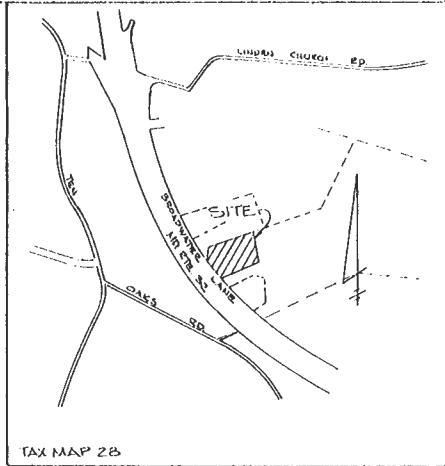
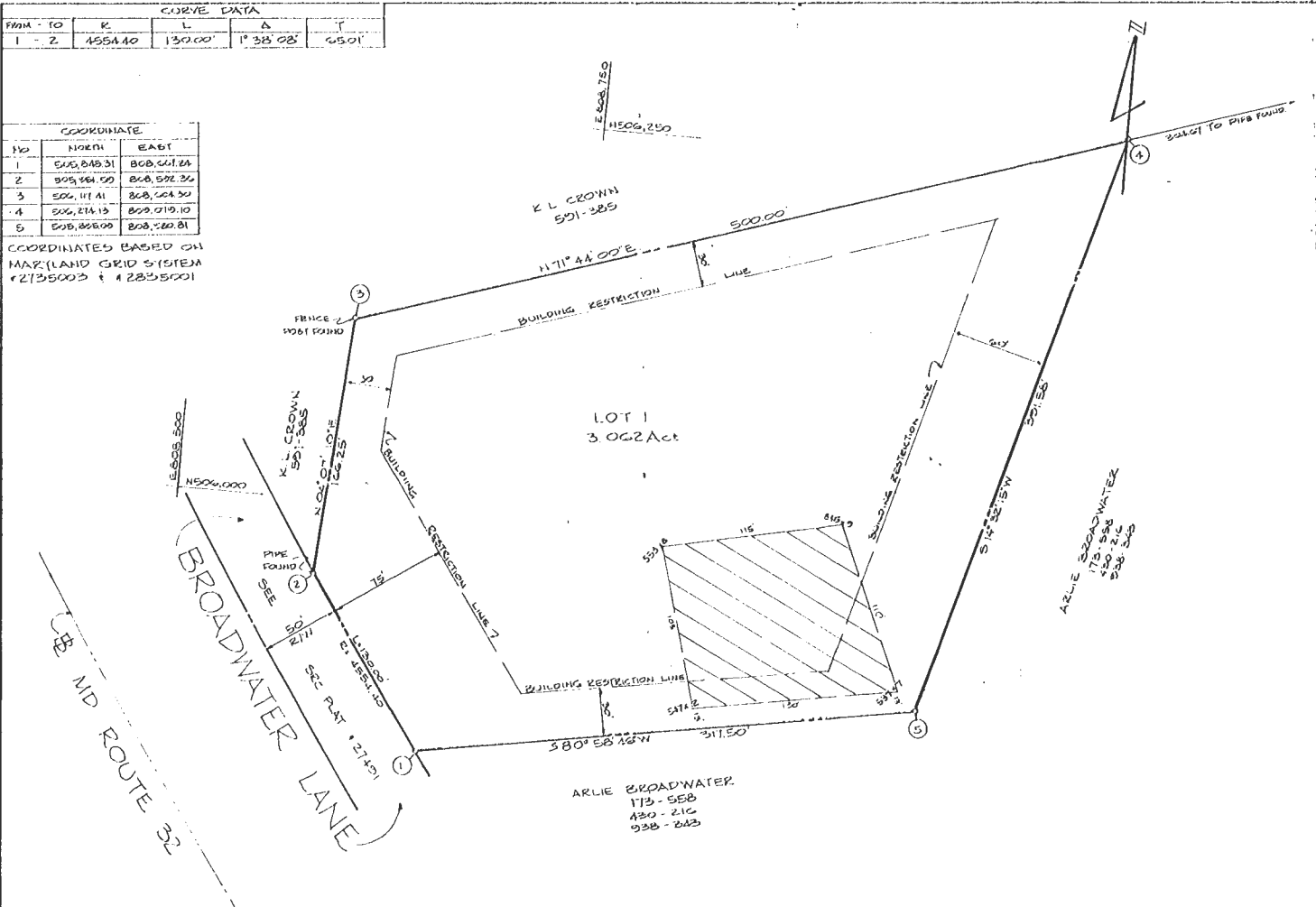
DATE: - 4-12-82



CURVE DATA				
FROM - TO	R	L	Δ	T
1 - 2	4554.40	130.00'	1° 35' 02"	650'

COORDINATE		
NO	NORTH	EAST
1	505,848.31	808,641.24
2	505,764.00	808,576.32
3	506,111.41	808,504.32
4	506,214.19	809,019.10
5	506,828.00	808,700.81

COORDINATES BASED ON MARYLAND GRID SYSTEM (2735003 & 42835001)



TAX MAP 28
LOCATION MAP
SCALE 1" = 1200'

- NOTE:
- 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 SEWER 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. RESTORATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - THIS PROPERTY ZONED 'R' PER OCTOBER 3, 1977 COMPREHENSIVE ZONING PLAN.
 - V.P. 481-73

RECEIVED
JUN 24 1981

DIVISION OF LAND DEVELOPMENT
OF HOWARD COUNTY

TABULATION

- TOTAL NUMBER OF LOTS 1
- TOTAL AREA OF LOTS 3.062ACT
- AREA OF ROAD DEDICATION 0
- TOTAL AREA OF PLAT 3.062ACT

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

DIRECTOR _____ DATE _____

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

DIRECTOR _____ DATE _____

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY RICHARD C. CHAMBERS UNTO ARLIE W. BROADWATER & MARY M. BROADWATER BY DEED DATED MARCH 5, 1942 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 173 F41958 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.

6/11/81
DATE

Walter Park
WALTER P. PARK, REG. L.S. 5529
HODKINS ASSOCIATES INC.
231 JOSEPH SQUARE
COLUMBIA, MD. 21044

DEDICATION FOR INDIVIDUALS

WE ARNOLD BROADWATER, MARY M. BROADWATER OWNERS OF THE PROPERTY SHOWN AND LESSEES HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD ITS SUCCESSORS (AS DEFINED) (1) THE RIGHT TO L.A.I. CONSTRUCT, MAINTAIN, SEWERS, LEWANS, WATER PIPES & OTHER MUNICIPAL UTILITIES & SERVICES, IN & UNDER ALL ROADS & STREET, RIGHT OF WAYS & THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS & OR ROADS & FLOODPLAINS & OPEN SPACE WHERE APPLICABLE & FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT & OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SHARPS TITLE TO THE BEDS OF THE STREETS & OR ROADS, AND FLOODPLAINS, 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; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

WITNESS OUR HAND THIS 11th day of June 1981

Walter Park
WITNESS

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

FINAL PLAT
ARLIE W & MARY M. BROADWATER
PROPERTY
LOT 1
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1/8" = 1' TAX MAP 28 JUNE 13, 1981

ENGINEER:
HODKINS ASSOCIATES INC.
231 JOSEPH SQUARE
COLUMBIA, MD 21044

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.

* DESIGNATES FIELD LOCATED PERC HOLES AND ELEVATIONS.



Walter Park



THIS DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY KIND IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURE ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & 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.

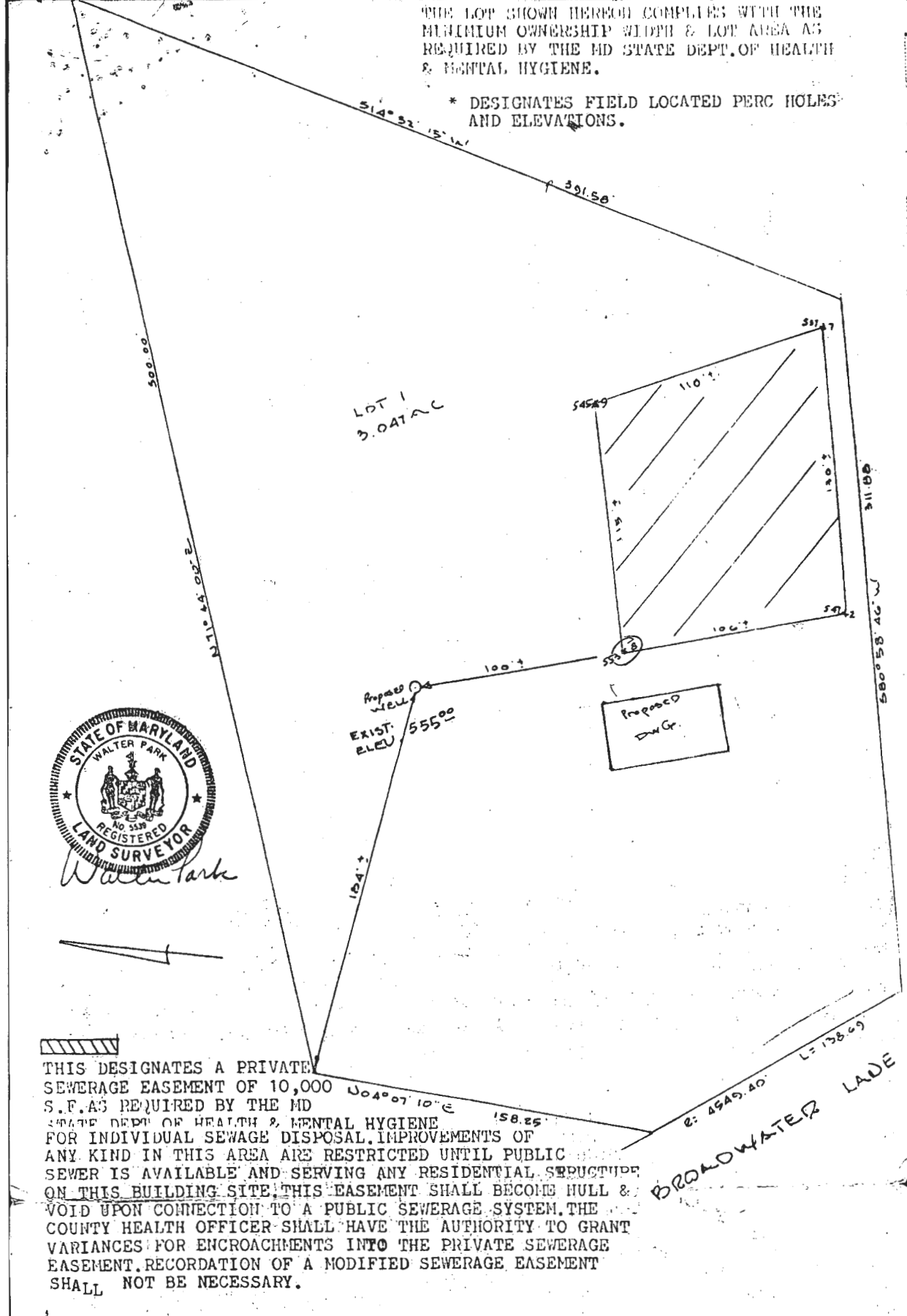
HUDNUTS ASSOCIATES
2251 JOSEPH SQUARE
COLUMBIA, MD

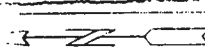
APPROVED FOR PRIVATE WATER & PRIVATE SEPTIC SYSTEMS
HOWARD COUNTY HEALTH DEPT.

Joseph M. Boyles 9-11-81
COUNTY HEALTH OFFICER DATE

REGULATION CONCERNING WATER WELLS FOR PERC HOLES HAS BEEN SHOWN WHERE

FIELD LOCATED PERC HOLE
LOT 1 ABIE BROADWATER PO
TAX MAP 28
5th ELECTION DISTRICT
HOWARD CO. MD
SCALE 1"=50' JUNE 19, 19

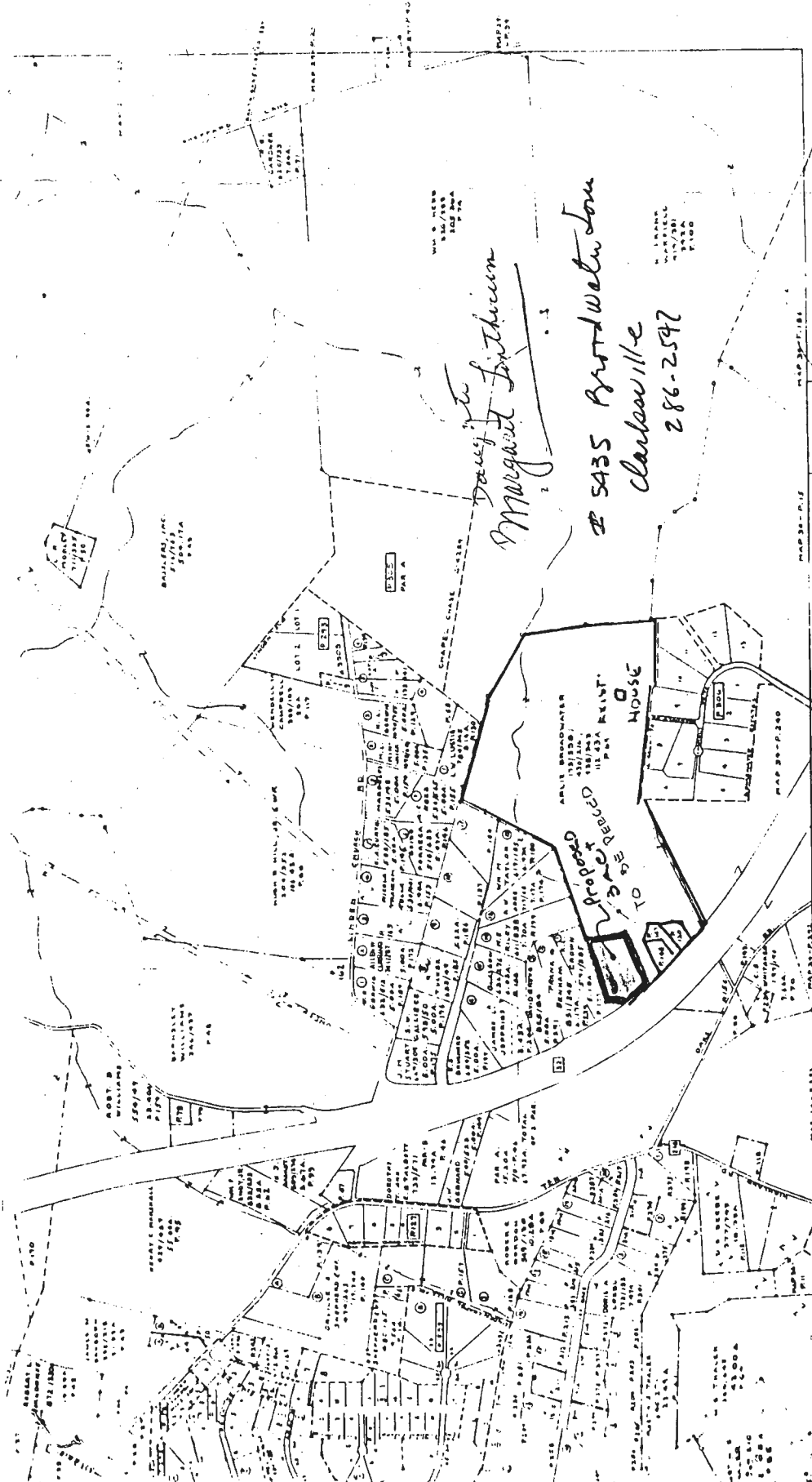




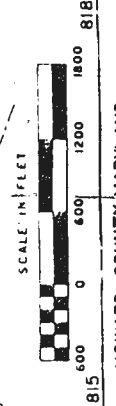
510

507

504



MAP NO. 28



DEPT. OF ASSESSMENTS & TAXATION
PROPERTY MAP DIVISION
PROPERTY LINE
SUB-DIVISION BOUNDARY
CONTINUING OVERLAP
PARCEL NUMBER - P 3051000000
SCALE: 1" = 600'
REVISED TO JANU., 1963

815 600 1200 1800 818

HOWARD COUNTY, MARYLAND

809

806

34

800-504

Prep.

4/20/81
9:30 A.M.

APPLICATION

A 31310

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 4/8/81

BLDG. PERMIT SIGNED
AND RETURNED 1/25/82
Serial # 48659

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

BROAD WATER IS OWNER
I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARGARET B. LINTHICUM BUYER
9012 A TOWN & COUNTRY BLVD ELLICOTT CITY MD 21043

ADDRESS ~~BROADWATER LA CLARKSVILLE MD~~ PHONE 461-1317

PROPERTY LOCATION: Glee + Margaret Smith 286-3547

SUBDIVISION P.O. Box 72
Clarksville Md 21029 LOT NO. _____

ROAD AND DESCRIPTION 5399 5401
BROADWATER LA, CLARKSVILLE MD

SIZE OF LOT 3 ACRES TYPE BLDG. Ranch - 3
(NUMBER OF BEDROOMS)

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. Margaret B. Linticum
(SIGNATURE OF APPLICANT)

APPROVED BY R. Hodger FOR drywell & trench DATE 4/11/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4/20/81 - MORE TESTS (SLOW) ORN
4/21/81 PERC OK HOLD FOR CERTIFIED ANALYSIS

THIS IS NOT A PERMIT

SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/81	1ES	5	1008	1014	1014	1032	18
	1ED	10	1008	1011	1011	1014	3
	1EV	14	TOP	4 FT CLAY			
			BOT	10 FT SANDY DR7			
	4ES	5 1/2	1019	1026	1026	1033	10
	4ED	10	1019	1022	1022	1026	4
	3ES	4 1/2	1035	1041	1041	1051	10
	3ED	10 1/2	1035	1038	1038	1101	13
4/30/81	3EV	16	TOP	4 FT CLAY			
			BOT	12 FT SANDY MICA DRY			

REMARKS PAPER SHOWING LOCATIONS OF HOLE'S GIVEN TO BROAD WATER

TYPE OF SOIL _____

TESTED BY B HODGES

ALSO PRESENT BROADWATER OWNER
J FYOCK

APPLICATION

Pre

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37310

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 4/8/81

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 MARGARET B LINTHICUM
9012 A TOWN & COUNTY BLVD ELLICOTT CITY MD 21043
ADDRESS ~~REAR LANE CLARKSVILLE MD~~ PHONE 461-1317

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION BROADWAY TO CLARKSVILLE MD

SIZE OF LOT 3 ACRES TYPE BLDG. Ranch - 3
(NUMBER OF BEDROOMS)

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.

Margaret B Linticum
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

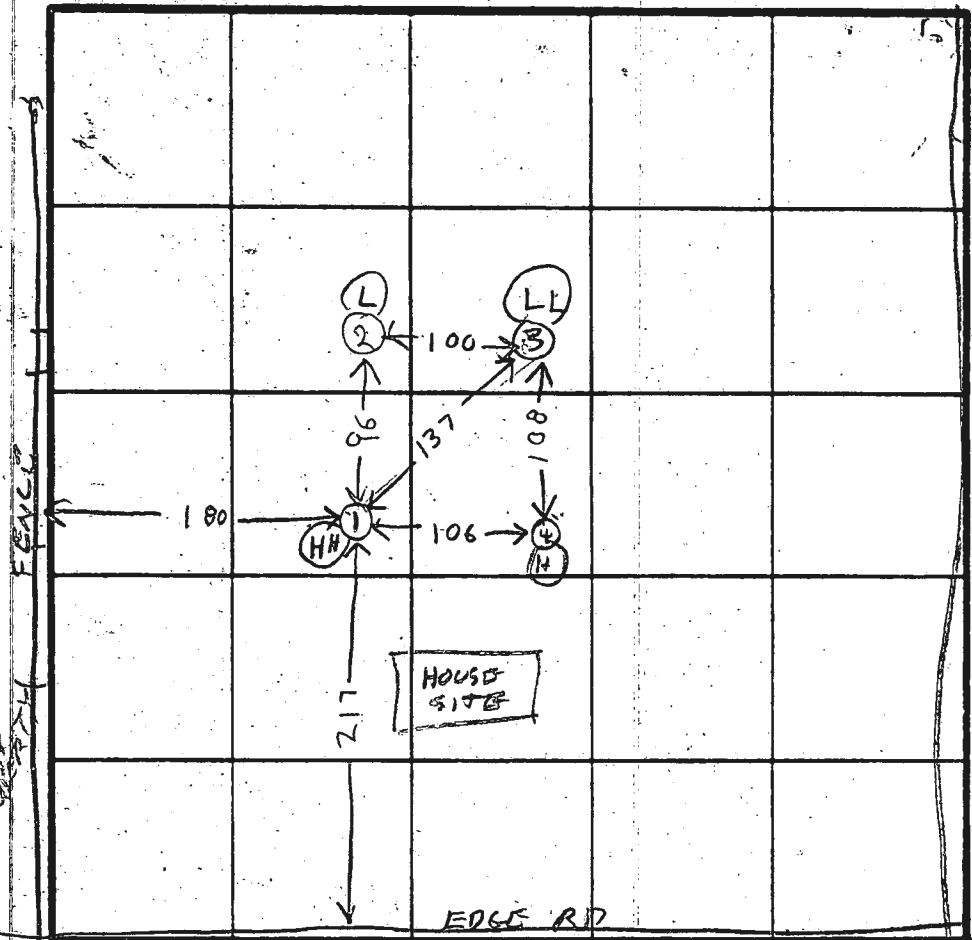
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BROAD WATER LANE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/20/81	1S	4	1012	1045	1ST INCH	33mm	FAIL
	1D	8 1/2	1014	1021	1021	1038	17
	1V	1 1/2	TOP 5 FT CLAY ISIT				
			BOT 8 1/2 FT SANDY		DRY		
	2S	4 1/2	1028	1030	1030	1033	3
	2D	9 1/2	1028	1033	1033	1038	
	2V	12 1/2	TOP 3 FT CLAY				
			BOT 9 1/2 FT SANDY		MICA DRY		
	3S	5	1133	1212	little per		
	3D	9	1133	1135	1135	1140	5
	3V	12	TOP 6 FT CLAY ISIT				
			BOT 6 FT SANDY		DRY		
4/20/81	4S	5	1219	1250	little per		FAIL
	4D	9	1219	1227	1227	1242	15
4/20/91	4V	14	TOP 6 FT CLAY ISIT				
			BOT 8 FT SANDY		DRY		

NO TIME TO CHECK EXISTING HOUSE TODAY

REMARKS BOUNDARY PLAT OF LOT NOT YET SUBMITTED FIELD LOCATION STATEMENT GIVEN TO BROADWATER

TYPE OF SOIL
TESTED BY **R. HODGES**

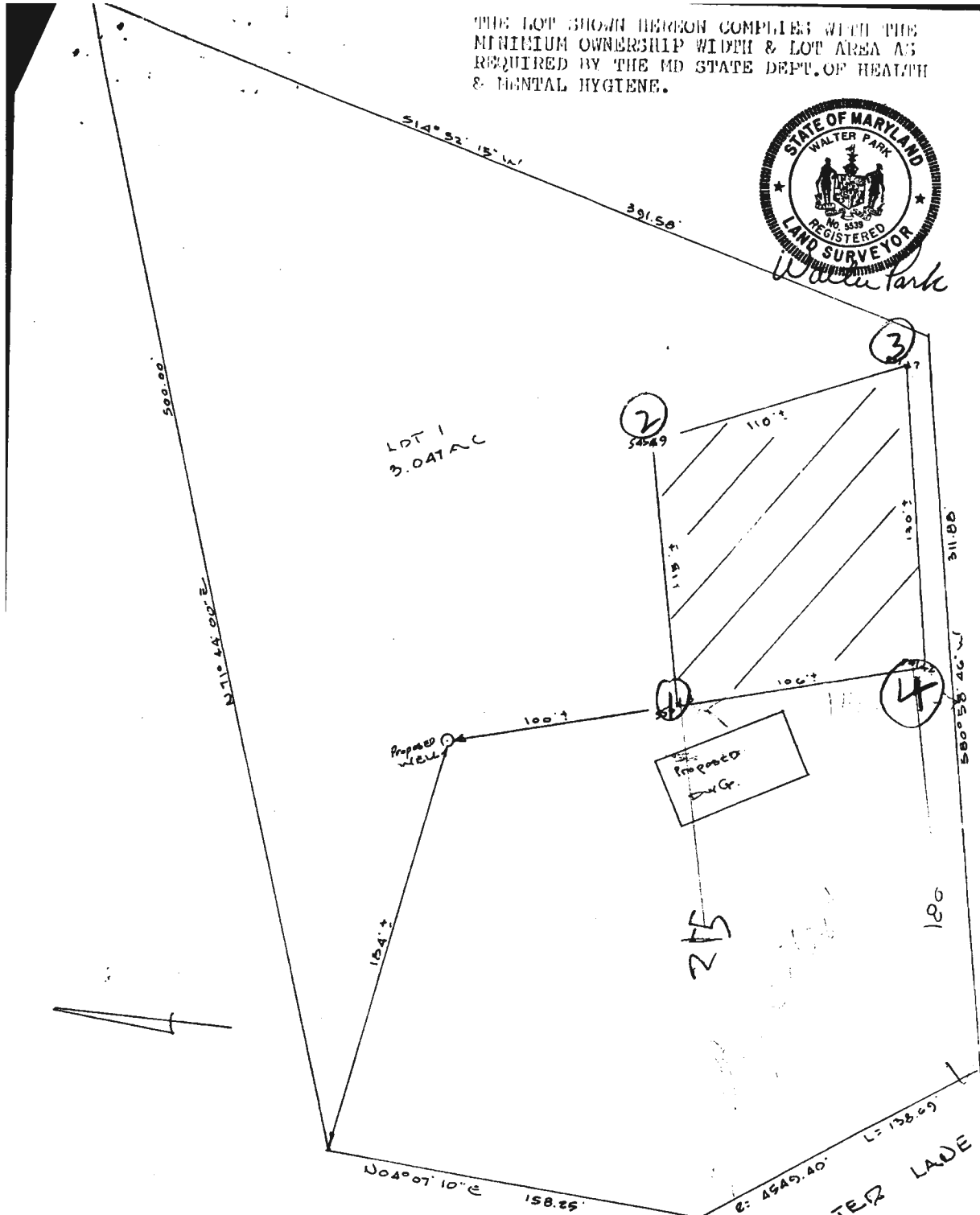
BACKHOOD WOODY ADAMS
ALSO PRESENT M. LINTHICUM BUYER
BROAD WATER OWNER

EH12-1079

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.



Walter Park



THIS DESIGNATES A PRIVATE SEPTIC EASEMENT OF APPROX. 10,000 SQUARE FEET AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE LOCATED ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.

* DESIGNATES FIELD LOCATED PERC HOLES & ELEVATIONS

HUGHES ASSOCIATES
231 JOSEPH SQUARE
COLUMBIA, MD

APPROVED FOR PRIVATE WATER & PRIVATE SEPTIC SYSTEMS
HOWARD COUNTY HEALTH DEPT.

FIELD LOCATED PERC HOLE
LOT 1 ABIE BROADWATER PR
TAX MAP 28
5TH ELECTORAL DISTRICT
HOWARD CO. MD
SCALE 1" = 50' JUNE 13, 198

COUNTY HEALTH OFFICER _____ DATE _____
PERCOLATION TESTS (WATER WELLS FOR ADJOINING LOTS HAVE BEEN SHOWN WHERE PERCOLATION)

A Broadwater Lot 1

8/13/81

Could not find perc Application
Called W. Bank 730 7060
No answer

8/17/81 - Called W. Park Not there
Will call back later.

8/19/81 Talked to W. Park
He said there is no record
of perc application
This is not a general perc paper
I told W. Park we prepared them

8/20/81 Plat Rejected

- ① No perc Cert Plat (also called preliminary)
- ② No minimum ownership statement
- ③ No field location of perc hole
Statement

④ Called Walter Park Left message
to call back

8/21/81 Talked to Walter Park

He will correct ② ③ & I will check
on ① with F.S. to see if it is necessary

8/25/81

Older Cert Plat spot right Elev of House etc
& well site not shown & House is too close
to sewer & septic treatment. Old Sewage Treatment

Statement on Perc Cert Plat instead of New Plat
Told W. Park He will come in today & correct sur-

13/1/81 - Talked to Mrs Pover She
said Walter Park picked up final
plat for work.
The revised prelim. per cent plat
was left & was OK except
the location of the proposed house
was left off. Called Walter Park
busy.

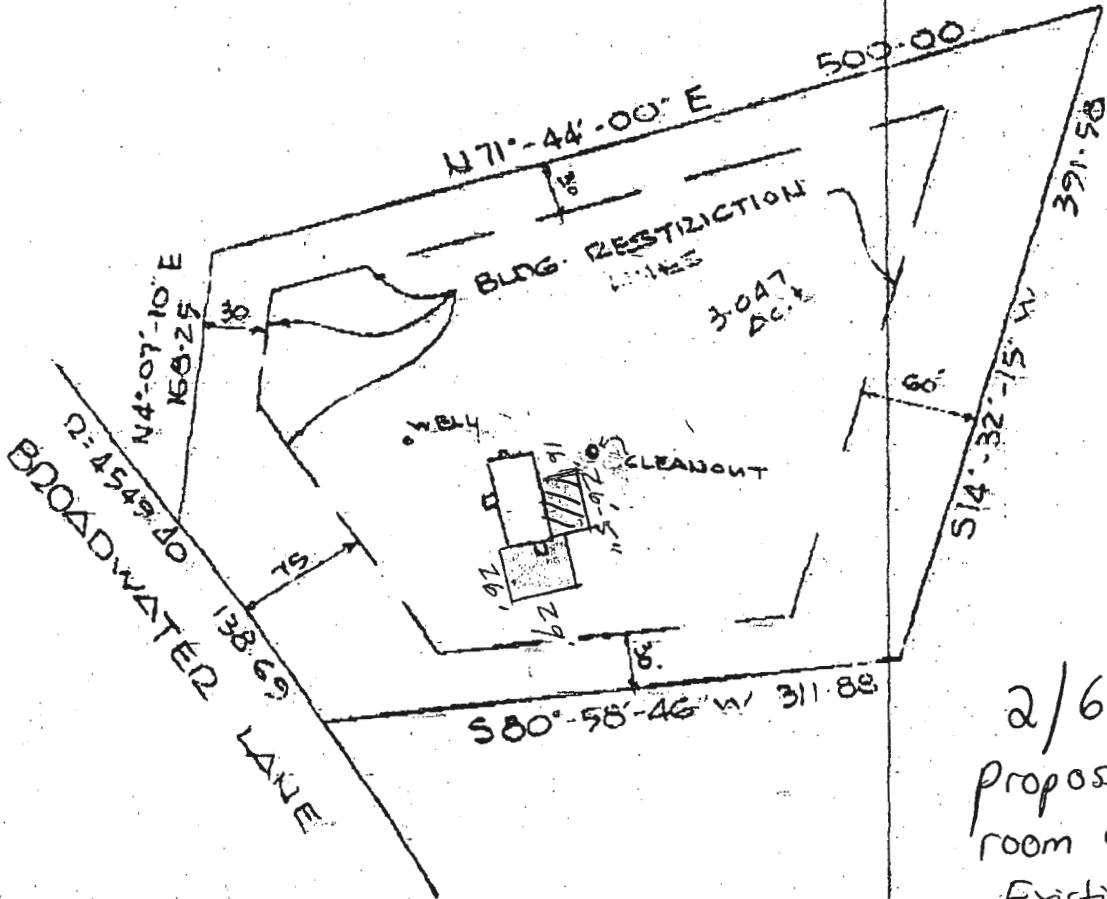
9/1/81 The final Plat was returned & is OK
now. However the prelim. per
cent plat does not have
location of house called W. Park, Walter

9/2/81 - Some client of Walter Park
called. I said we needed further
information about Preliminary
Per cent Plat before the
Plat could be released to Park
Called Walter Park. recently but not there

10/4/81 Final Plat & Preliminary Plat
ready for signature

Plats corrected & inspected by R/H
10/20/81 Final Plat has been
signed

This is to certify that I have surveyed the premises known as No. 5401 Broadwater Lane for the purpose of locating the improvements and the improvements are located as hereon shown.

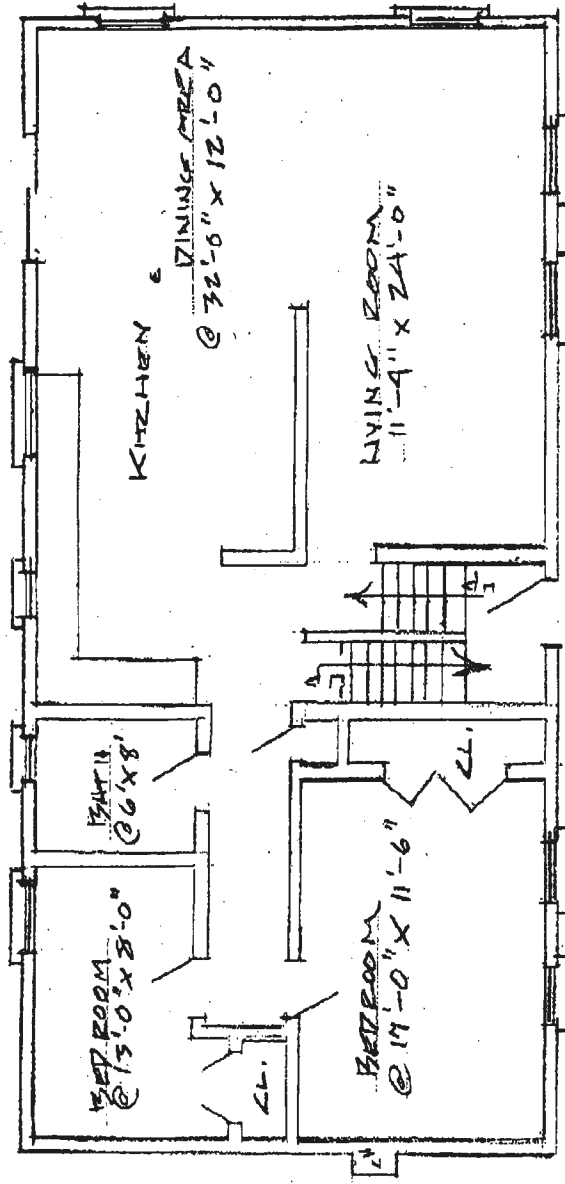


2/6/03-
 Proposed dining
 room OK (SRK)
 Existing foundation
 is 8± to ex.
 septic tank

LOT 1 FLAT OF SUB. OF
 ARLEY W. - MARY M. BROADWATER
 PLAT CMP 4977
 5TH DISTRICT HOWARD CO., MARYLAND
 SCALE - 1" = 100' DATE - 4-12-82



MORGANTO'S CONTRACTORS
4416 HUBBET ST., ROCKVILLE MD 20853



HINES RESIDENCE

$\frac{1}{8}'' = 1'-0''$

5401 BROADWATER LANE
CLARKSVILLE, MD 21029

ATTN: CASEY

FAX # 410-313-2648

Submitted by:

Frank D'Antonio
301-674-3442

System already
sized for 3 bdrm
although only
2 bdrm. Told him
a repair may be
necessary in a
few years or
so depending on
water usage.

2/1/03 (KN)

BP00140230

OK

C1 1304 SEQUENCE NO. (OEP 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 31310

Date Received (OEP use only)

DATE WELL COMPLETED 10/19/81

Depth of Well 265
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HQ-73-9070

OWNER: Broadwater last name Archie & Marie first name
STREET OR RFD Broadwater Lane TOWN Clarksville
SUBDIVISION Broadwater Property 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	
Sandy	2	70	✓
Sand Stone	70	80	
Micka	80	85	
SHAL STONE	85	90	✓
Micka	90	265	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 22 NO. OF POUNDS 2200
GALLONS OF WATER 132
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 59 ft. measured

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

MAIN CASING TYPE
Nominal diameter (top/main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 84

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

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

SCREEN
DEPTH (nearest ft.) 82 265

- CIRCLE APPROPRIATE BOX
- 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. 213
DRILLERS SIGNATURE Joseph Wayne
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Joseph E. Wayne

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

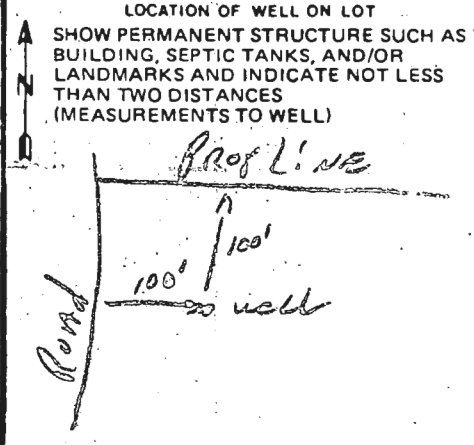
SLOT SIZE _____
DIAMETER OF SCREEN _____ (NEAREST INCH)

GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T _____ (E.R.O.S.) W Q _____
TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____

PUMPING TEST
HOURS PUMPED (nearest hour) 5
PUMPING RATE (gal. per min. to nearest gal.) 2
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 265
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 YES NO
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 29
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 _____
 - below 2 (nearest foot)



B 1 **8074** SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

WRA PERMIT NUMBER
HO-73-4016
fill in this form completely

DATE RECEIVED 10/5/81
10/19/81
10-30 AM
2nd
OWNER INFORMATION
BROADWATER ARLIE E MARY
LAST NAME OWNER FIRST NAME
BROADWATER LANE
STREET OR RFD
CLARKSVILLE Md. 21209
TOWN STATE ZIP

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION BROADWATER PROP.
SECTION none LOT I
NEAREST TOWN CLARKSVILLE
MILES FROM TOWN (enter 0 if in town) 3 MI

B 1 CONTINUED DRILLER INFORMATION
Ralph MAYNE 273
DRILLER'S NAME LICENSE NO. 80
Ralph Mayne 10/5/81
SIGNATURE DATE

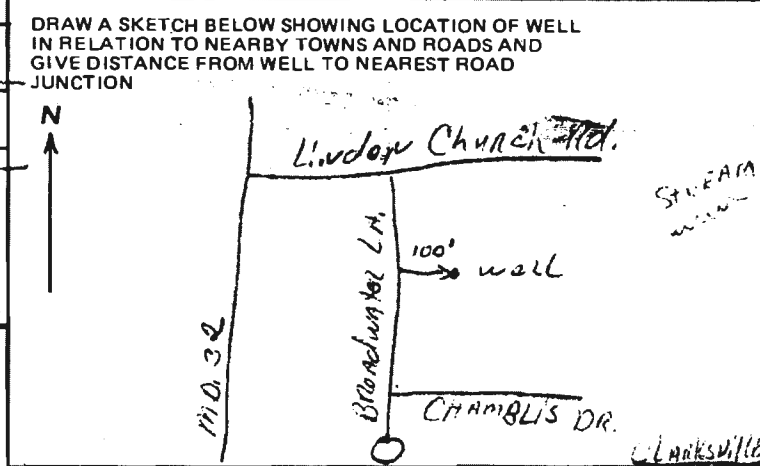
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NORTH
NORTH WEST
WEST
SOUTH WEST
SOUTH
SOUTH EAST
EAST
NORTH EAST
TOWN
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST
NEAR WHAT ROAD Broadwater Ln
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 100

B 2 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)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
42' casing
2' above gr.
39' open
11' large concrete
WRITE THE BOX NUMBER FROM THE MAP HERE
E 200 9
N 500 6
000 000

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL _____ INCH
Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC) ROTARY
CABLE REVERSE ROTARY DEUCE-POINT
other _____



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) _____

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME Howard COUNTY NO. A3130
EHA SIGNATURE Frank Skinner, Sanitarian STATE HEALTH CIRCLE BOX 5
MO DAY YR 10 07 81 DATE
CO SIGNATURE Frank Skinner
NORTH GRID 5106 EAST GRID 0319 ELEV. (FT.) _____

Not to be filled in by driller (WRA USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE INITIALS IN BOX ES CONDITIONS HO-73-4016

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

