

3/23/79
trench deep
& final if possible

Approved 3/23/79
J. Stayer

PERMIT

P 29582
A 25309

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-384176

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 3/19/79

Robert L. Orndorff

IS PERMITTED TO INSTALL ALTER

ADDRESS 9401 5th Street, Laurel, Md. 20810 PHONE 725-4969

SUBDIVISION Simpson Woods ROAD 7213 Meadow Wood Way LOT 11, Sec. 1

PROPERTY OWNER Jacyn Development Group Lewis Walls Ralph Clementi

ADDRESS 12400 Clarksville Pike, Clarksville, Md. 21029

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 160 SQ. FT. absorbent sidewall area per bedroom below inlet.

INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 130 FT. FROM rear LOT LINE AND 15 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM the road.

If trench is needed leave 5 ft. earth buffer between dry well and trench and run the necessary distance to make up total sidewall area.

BLDG. PERMIT SIGNED
AND RETURNED 8-12-79
Serial # 150119918
2-story addition

PLANS APPROVED BY Charles B. Streaker DATE 9/27/77

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.

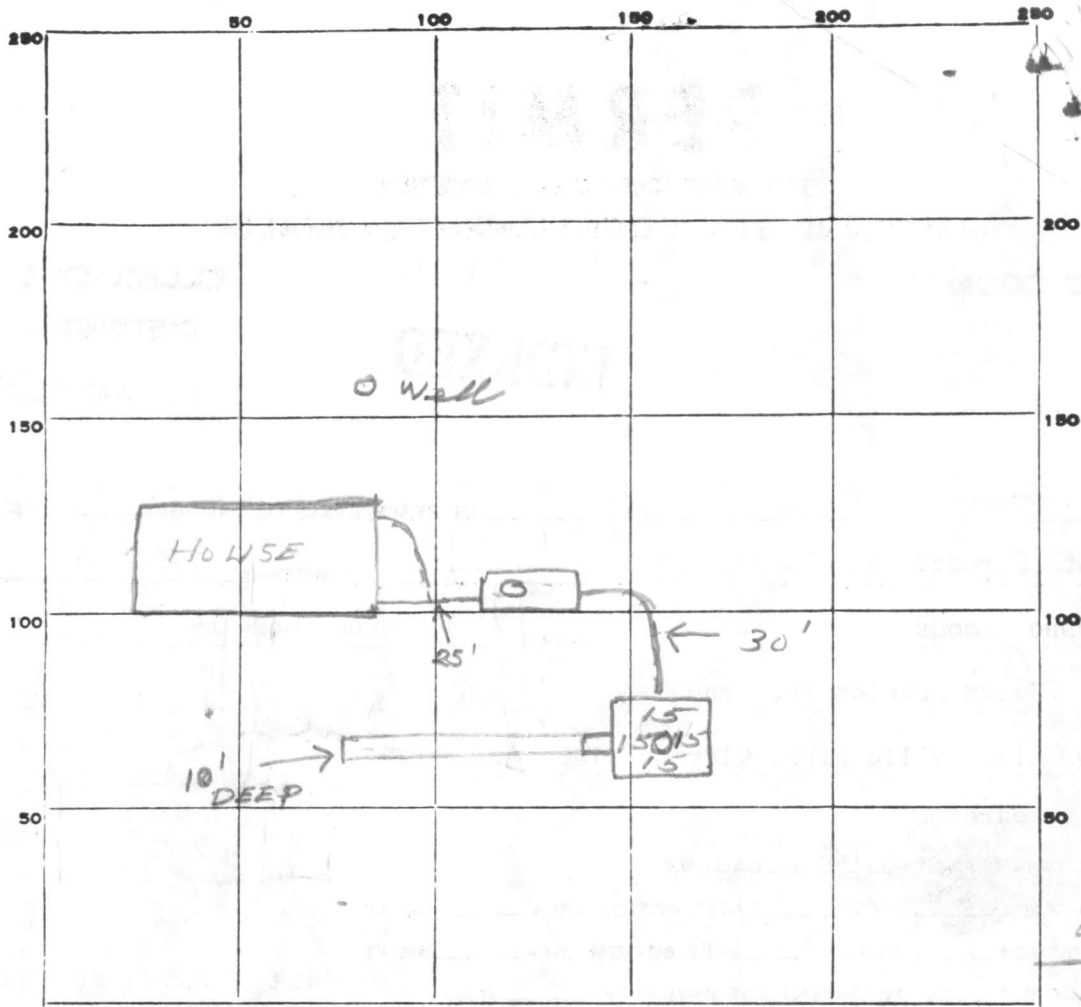
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT SIGNED
AND RETURNED 7/5/82
Serial # 54689
Porch

A
25309

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

BLDG. PERMIT SIGNED
AND RETURNED 4/24/87
Serial # 12681
sewage tank



35
 245

60
 85
 300
 480
 5100
 245
 755

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1250 gal

CLEANOUTS

ST	DW
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TERRA COTA

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH 7 FT. TOTAL LENGTH 35 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 245

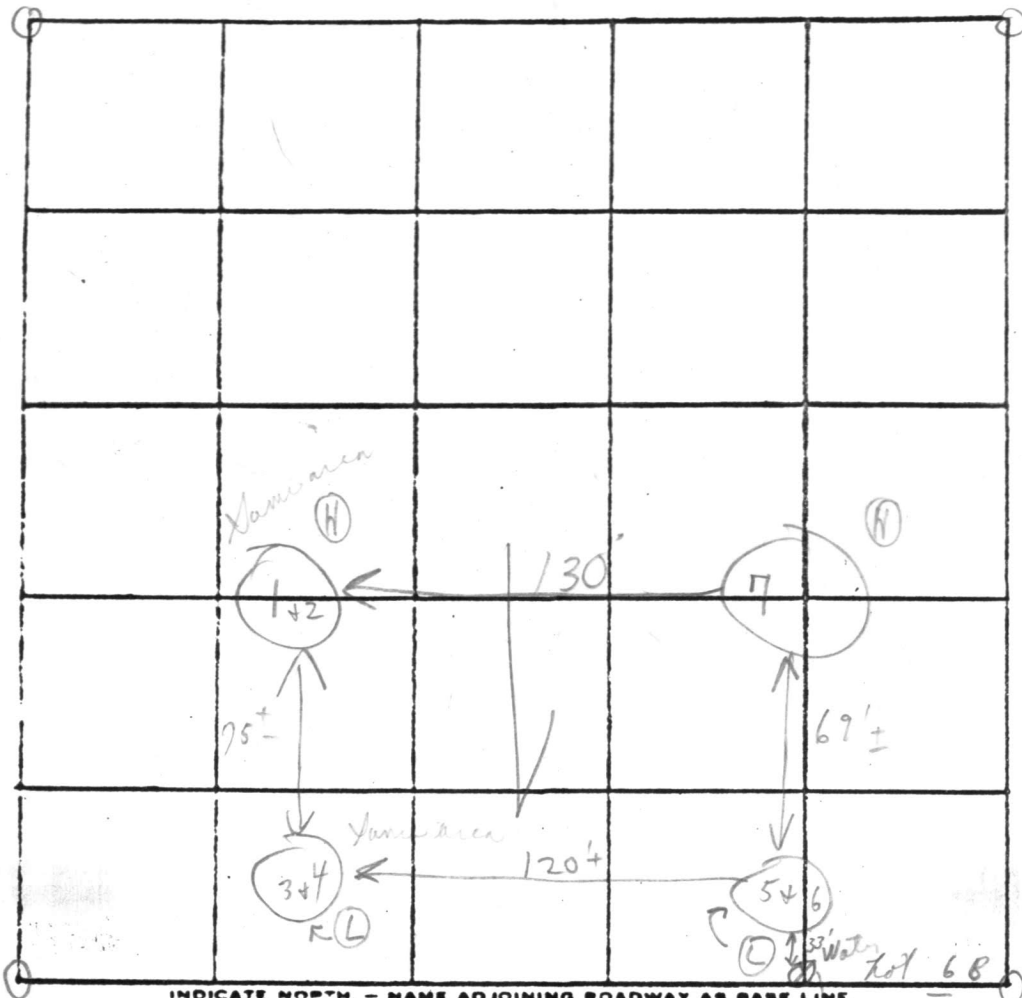
SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 8 1/2 FT.

ABSORBENT AREA 755 SQ. FT.

REMARKS 3/23/79 - OK to add gravel to trench - Add cleanouts & pipe connections - call - JS
3/23/79 - OK to cover work JS

DATE SYSTEM APPROVED 3/23/79

INSPECTOR J Stayer



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Road A

New = 11

1 hole on

2A Visual ok

1m 3/2 160

to other 13m

Soil Profile

to 10m below

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/10/77	1	3 1/2'	3:45	3:47	3:47	3:52	5m
	Ⓜ 2	12'	3:45	3:51	3:51	3:59	8m
	3	4 1/2'	3:32	3:35	3:35	3:47	12m
	Ⓛ 4	12 1/2'	3:33	3:38	3:38	3:50	12m
	5	5'	3:14	3:20	3:20	3:36	16m
	Ⓛ 6	12 1/2'	3:14	3:16	3:16	3:36	20m
	Ⓜ 7	12'	Visual		symmetrical		to other
						6:73	13m

{Note - moved holes uphill}
 ~~for region~~ brush & weeds

REMARKS

TYPE OF SOIL

Mica - loose loam below clay

TESTED BY

C. B. A.

ALSO PRESENT:

Kettermans

B 1	1269	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER 40-23-2710
1 2 3 4 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY	

DATE RECEIVED (WRA USE ONLY) 6/16/78	OWNER Jacqueline Devel Group. COL 15 LAST NAME FIRST NAME COL. 34 STREET OR RFD 12400 Blacksville Pike COL 36 COL. 55 POST OFFICE Blacksville Md. COL 57 COL. 76
8-13 4/21/78 9130	

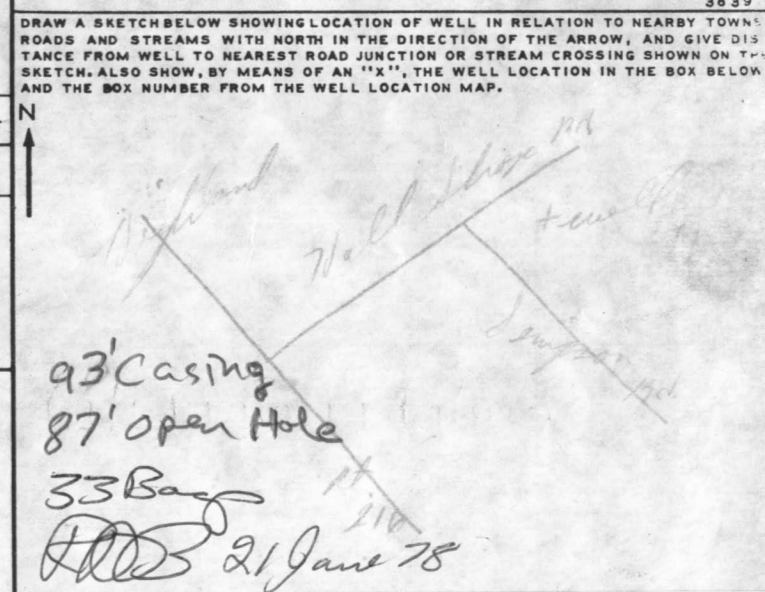
B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE 4/4/78		LICENSE NUMBER 42
		77 80
FIRST NAME L. F. Easterday DRILLER LAST NAME		
SIGNATURE L. F. Easterday		

B 3	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6	
COUNTY Howard	
8 (DO NOT ABBREVIATE COUNTY NAME) 21	
SUBDIVISION Kingston Woods	
23 42	
SECTION 44	LOT 11
44 46 48 50	
NEAREST TOWN Highland	
52 71	
MILES FROM TOWN (ENTER 0 IF IN TOWN) 3	
73 76 77 78	

B 2	WELL INFORMATION
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5	
8 12	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600	
14 20	
USE FOR WATER (CIRCLE APPROPRIATE BOX)	
<input type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="radio"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="radio"/> MUNICIPAL WATER SUPPLY	
<input type="radio"/> PRIVATE WATER COMPANY	
<input type="radio"/> TEST	
} MUST HAVE STATE HEALTH DEPT. APPROVAL	

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6	
<input type="radio"/> NORTH <input checked="" type="radio"/> EAST <input type="radio"/> NE NORTHEAST <input type="radio"/> SE SOUTHEAST <input type="radio"/> SOUTH <input type="radio"/> WEST <input type="radio"/> NW NORTHWEST <input type="radio"/> SW SOUTHWEST	
8 8 8 9 8 9	
NEAR WHAT ROAD Kingston Rd.	
11 NORTH SOUTH EAST WEST 30	
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N <input type="radio"/> S <input type="radio"/> E <input type="radio"/> W	
32 32 32 32	
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200	
34 37 38 39	

APPROXIMATE DEPTH OF WELL 750 FEET	
24 28	
APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)	
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
<input checked="" type="radio"/> BORED (OR AUGERED) <input type="radio"/> JETTED <input type="radio"/> DRIVEN	
30-37 <input checked="" type="radio"/> AIR-ROTARY <input type="radio"/> AIR-PERCUSSION <input type="radio"/> ROTARY (HYDRAULIC ROTARY)	
<input type="radio"/> CABLE <input type="radio"/> REVERSE-ROTARY <input type="radio"/> DRIVE-POINT	
OTHER (DESCRIBE) _____	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)	
<input type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL	
<input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
<input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
<input type="radio"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)	
41 52	



NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER 54	ENGINEER REVIEW DISTRICT NO. 63
FORCE 67	CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		
DATE 04 12 78		W27800
STATE HEALTH (CIRCLE BOX) <input checked="" type="radio"/> S		COUNTY NAME Howard COUNTY NO.
MO. DAY YR.		APPROVED BY Donald W. Monaghan, Sanitarian
DATE 04 12 78		APPROVED BY
43 48		
NORTH COORDINATE 485000		EAST COORDINATE 0815000
50 51 52 53 54 55		57 58 59 60 61 62 63
ELEVATION AT WELL HEAD (FEET) 65		
65 66 67 68		

B 5	SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6	

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

PR 25 9 03 AM '78

DIVISION OF
ENVIRONMENTAL
HEALTH

C 1 9865 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 4/21/78

8-13 15 20

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DEPTH OF WELL 180
22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"
HO-73-2710
28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 42

OWNER JACOB DEVEL GROUP LAST NAME FIRST NAME
STREET OR RFD 12400 CLARKSVILLE PVE POST OFFICE CLARKSVILLE, MD

WELL DESCRIPTION

WELL LOG
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	4	
Shaley	4	40	
SANDY	40	80	
SAND-stone	80	95	
MICA	95	100	
SAND stone	100	104	
MICA	104	180	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)*
CEMENT BENTONITE CLAY

NO. OF BAGS 33 NO. OF POUNDS 3300

GALLONS OF WATER 165

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 FT. TO 87 FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 93

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
PLASTIC OTHER

SCREEN TYPE OR OPEN HOLE

SCREEN TYPE OR OPEN HOLE

DEPTH (NEAREST WHOLE FOOT)

FROM 97 TO 180

1 40 8 9 11 15 17 21

2 _____ 23 24 26 30 32 36

3 _____ 38 39 41 45 47 51

SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING 6 (NEAREST FOOT) 17 20
WHEN PUMPING 180 (NEAREST FOOT) 22 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) 2
 BELOW } 49 50 51

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

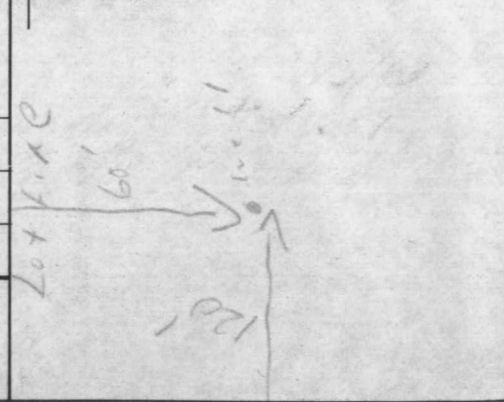
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

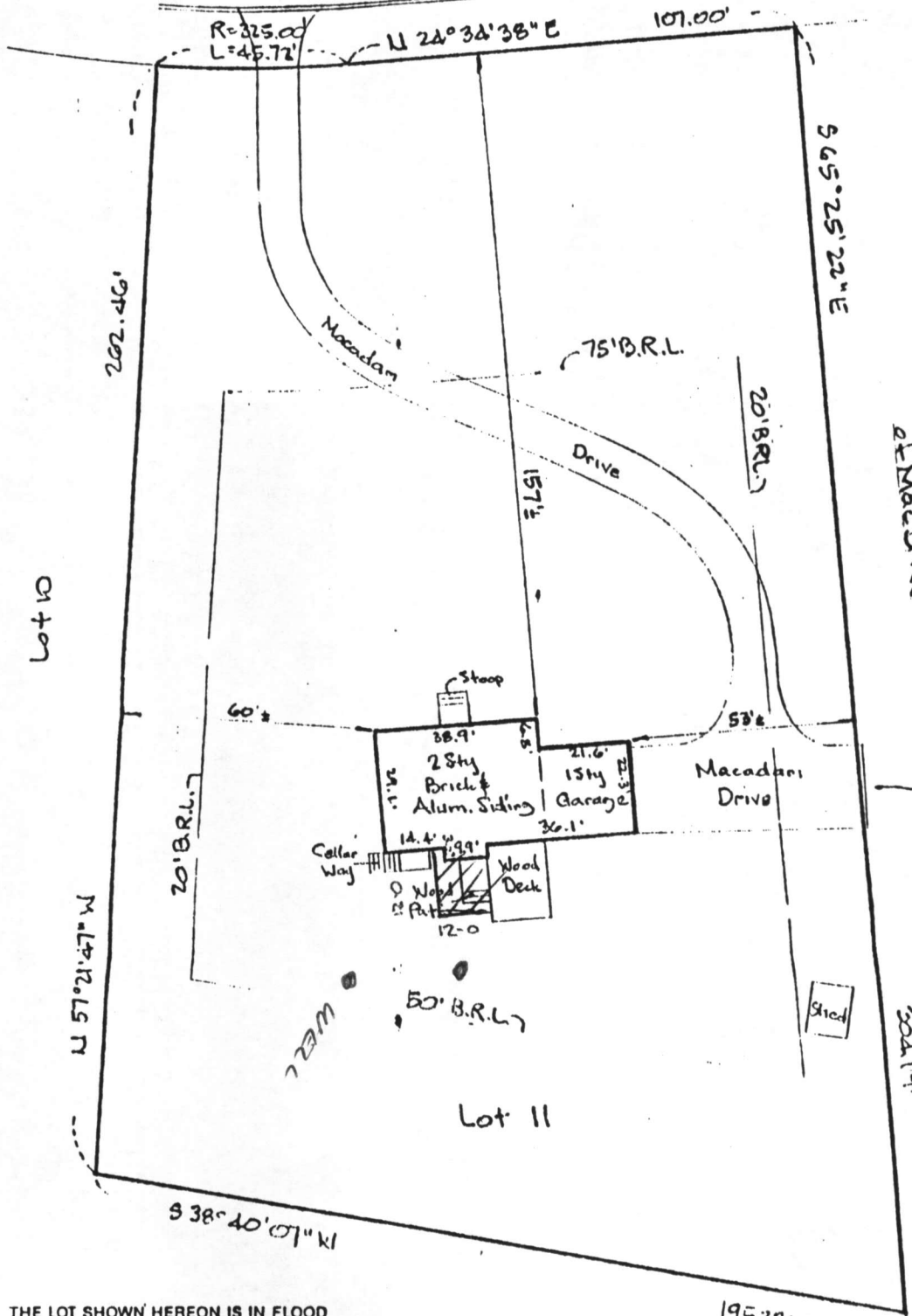
DRILLERS NAME
(PLEASE PRINT) L. E. EASTON
SIGNATURE L. E. Easton



extension
 bathroom
 kitchen &
 well/septic
 No impact to
 8/2/99

MEADOW WOOD WAY

50' R/W
23' ± Mac Paving Mac Berms



Note: Possible
 Encroachment - Portion
 of Mac Drive into Others

THE LOT SHOWN HEREON IS IN FLOOD
 ZONE C PER F.E.M.A. FLOOD INSURANCE
 RATE MAP PANEL # 740044-0038 B

The plat is of benefit to a consumer only insofar as it is
 required by a lender or a title insurance company or its
 agent in connection with contemplated transfer,
 financing, or refinancing. The plat is not to be relied
 upon for the establishment or location of fences,
 garages, buildings, or other existing or future
 improvements. The plat does not provide for the accurate
 identification of property boundary lines, but such
 identification may not be required for the transfer of title
 or securing financing or refinancing. The plat contains a
 tolerance of accuracy of two feet, more or less.



<p> HICKS ENGINEERING CO., INC. ENGINEERS, SURVEYORS & PLANNERS 200 EAST JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21286 TELEPHONE: (410)494-0001 </p>	LOCATION DRAWING #7213 MEADOW WOOD WAY, LOT 11 SIMPSON WOODS, LOTS 4-11, S.I.A. 1ST 100' HOWARD CO., MD. PLAT CMP# 3855		
	DATE: 3/14/96	SCALE: 1" = 30'	FILE: 17345

James C. Maglath
 Ralph A. Clements