

10/18/88

04-346823

# PERMIT

P 43067  
38385  
A

## SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

DISTRICT \_\_\_\_\_

### HOWARD COUNTY

DATE 11/22/88

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE SYSTEM APPROVED 10-18-88

INSPECTOR SELL

*I.C.O.P. INDEXED*  
*{Time expired}*

Jack Fyock

IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Glenwood Springs ROAD 2808 Shadow Roll Court LOT 37

PROPERTY OWNER ~~James Meadows Associates~~ DAVID & JOY Mc DANIEL

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - Trench to be 2 feet wide. Inlet to be 4 feet below original grade.  
Bottom maximum depth 8 feet below original grade. 4 feet of stone  
below distribution pipe.

LOCATION - Place the distribution box 120 feet up the left lot line and 10 feet off  
the left lot line. Run trenches along contour toward front of property.

NOTE - Location of trenches to be adjusted to place as high in septic reserve  
area as possible.

OLD PERMIT SIGNED

AND RETURNED 2/1/2001

B00128304 P002

PLANS APPROVED BY Sid Abel 6/14/87 DATE \_\_\_\_\_

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.

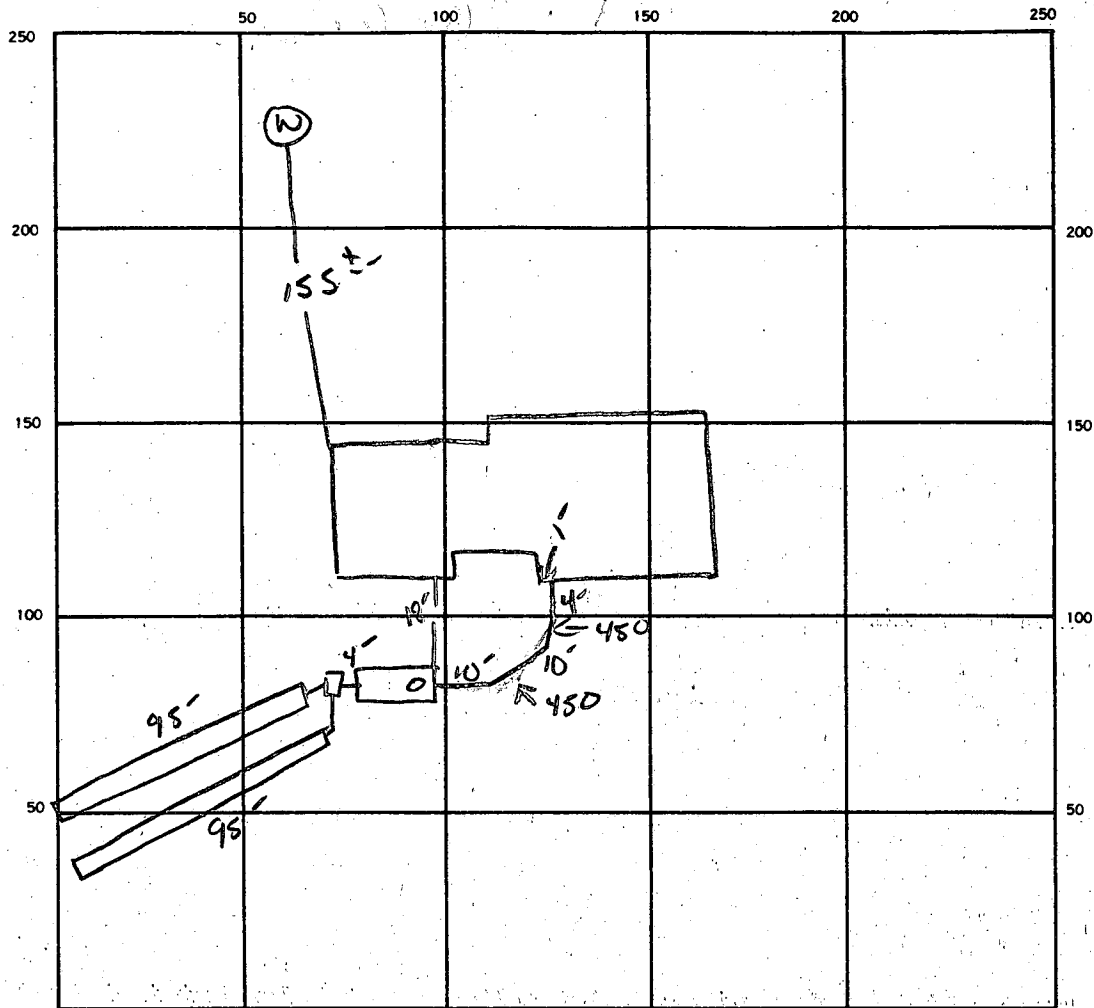
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 38385



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.

SHADOW ROLL CL.

SEPTIC TANK, LEVEL 12508A1 CLEANOUTS C/O ST

DISTRIBUTION BOX, LEVEL ✓

DRAIN FIELD/TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 95 95 190LF FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 760 SQ. FT.

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

ABSORBENT AREA 760 SQ. FT.

REMARKS OK TO SOME TRENCHES PA

DATE SYSTEM APPROVED

10-15-88

INSPECTOR

S. Abel

# APPLICATION

PERCOLATION TESTING

A 38385

P \_\_\_\_\_

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

*1/28/87  
perc OK'd pending  
approved plat  
(in)*

DISTRICT \_\_\_\_\_

DATE 10-14-86

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 James Meadows

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROSPECTIVE BUYER Ronald Carter

ADDRESS 8388 Court Ave., Ellicott City, Md PHONE 21043 461-2855

PROPERTY LOCATION:

SUBDIVISION Hakes Property LOT NO. LOT 37 ON FINAL  
THIRTY SEVEN

ROAD AND DESCRIPTION Hobbs Road 2808 Shadow Roll Ct  
Preliminary 4/29/87

TAX MAP 14 PARCEL # 87,83,202

SIZE OF LOT 3+ ACRES TYPE BLDG. SFD  
(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.

*Ronald D. Carter*  
(SIGNATURE OF APPLICANT)

APPROVED BY S. Abel FOR Deep trenches DATE 7-6-88

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

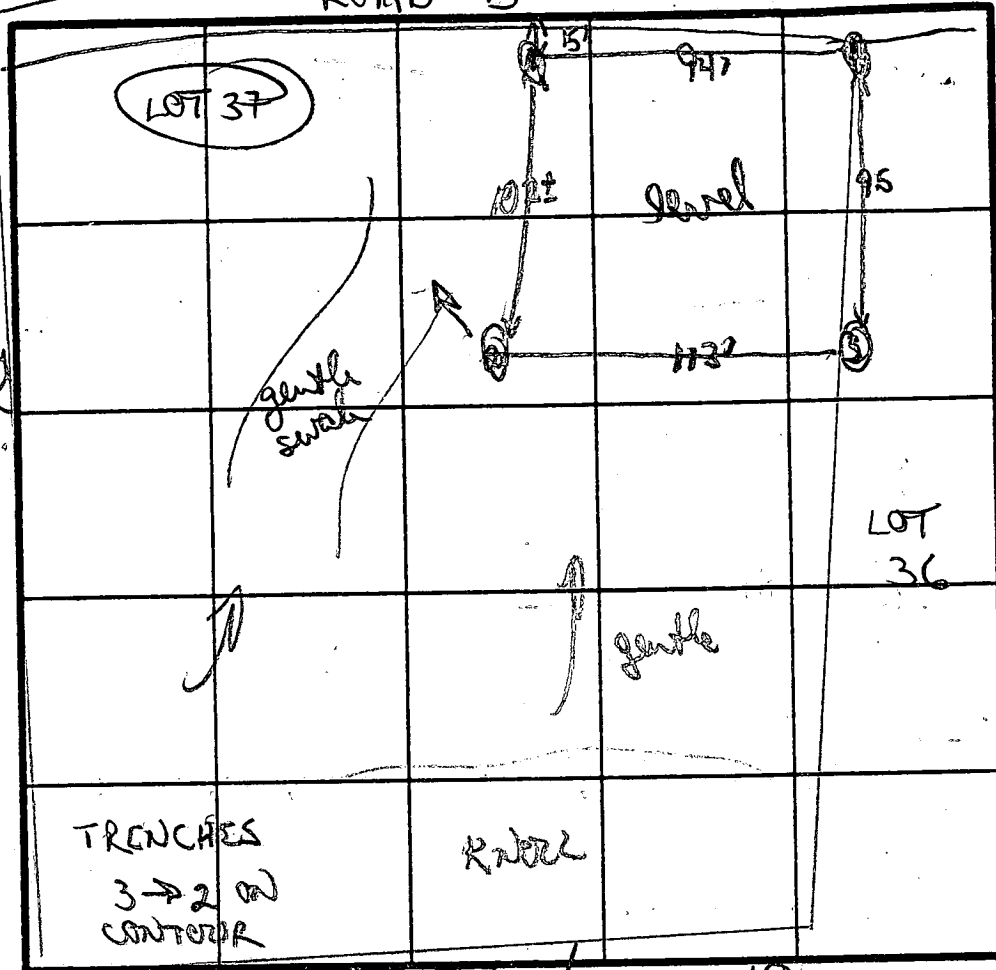
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for certified field locations

BLDG. PERMIT SIGNED  
AND RETURNED 7-6-88  
*BP 19709  
SAB*

# THIS IS NOT A PERMIT

# ROAD B



brown / chunky  
 orange  
 clay loam  
 4+1  
 to orange /  
 brown silty /  
 mica loam  
 mix  
 b  
 11'D

$\bar{X} \approx 8" \text{ MIN}$   
 INLET 4'  
 MAX D 8'  
 187 A / BDRM

TO  
 LOT 38  
 SOIL PROFILE

red / orange  
 clay 2 1/2'  
 orange clay  
 brown 4'  
 to brown /  
 orange  
 silty  
 mica  
 loam  
 ↓  
 12'D

TRENCHES  
 3 → 2 on  
 CENTER

RIVER

LOT 39 - NAME ADJOINING ROADWAY AS BASE LINE  
 LOT 40

red / brown  
 clay to silty  
 loam  
 4'  
 to orange  
 to brown  
 mostly to  
 silty loam  
 mix  
 ↓  
 11'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/28/87	(3)	4 1/2 S	1235	1242	1242	1253	13
		8 1/2 M	1288	1240	1240	1243	3
		11'D	bottom (see profile)				
	(4)	4	1253	1256	1256	100	4
		11 1/2	bottom (see profile)				
	(5)	4'	109	117	117	133	16 min
		8 1/2 M	109	112	112	118	6 min
		12'D	bottom (see profile)				
	(6)	4 1/2 S	148	151	151	158	7 min
		7 1/2 M	148	152	152	201	9 min
		11'D	bottom (see profile)				

REMARKS: 3+4 common holes w/ lot 38  
 TYPE OF SOIL: orange / red / brown clays 4'; silty / mica loam  
 TESTED BY: B. Nuyon  
 ALSO PRESENT: Phil, Cliff

B 1	7149	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">40-81-2795</div> <small>fill in this form completely</small>
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p><b>Date Received (APA)</b> <div style="border: 1px solid black; padding: 2px;">05/18/88</div></p> <p><b>OWNER INFORMATION</b></p> <p><div style="border: 1px solid black; padding: 2px;">MEADOWS</div> <div style="border: 1px solid black; padding: 2px;">JAMES</div> <div style="border: 1px solid black; padding: 2px;">ASSP</div> <div style="border: 1px solid black; padding: 2px;">E</div></p> <p><div style="border: 1px solid black; padding: 2px;">4504</div> <div style="border: 1px solid black; padding: 2px;">COYLE</div> <div style="border: 1px solid black; padding: 2px;">RD</div></p> <p><div style="border: 1px solid black; padding: 2px;">OWINGS</div> <div style="border: 1px solid black; padding: 2px;">MILLS</div> <div style="border: 1px solid black; padding: 2px;">MD</div> <div style="border: 1px solid black; padding: 2px;">21117</div></p> </div> <div style="width:50%;"> <p><b>DRILLER INFORMATION</b></p> <p><div style="border: 1px solid black; padding: 2px;">Ralph MAYNE</div> <div style="border: 1px solid black; padding: 2px;">273</div></p> <p><div style="border: 1px solid black; padding: 2px;">Ralph MAYNE (well drilling)</div></p> <p><div style="border: 1px solid black; padding: 2px;">9120 Brown Church Rd. N.H. Ave</div></p> <p><div style="border: 1px solid black; padding: 2px;">Ralph Mayne</div> <div style="border: 1px solid black; padding: 2px;">5/9/88</div></p> </div> </div>				
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p><b>WELL INFORMATION</b></p> <p>APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px;">5</div></p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px;">500</div></p> <p><b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b></p> <p><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</p> <p><input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)</p> <p><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</p> <p><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)</p> <p><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</p> </div> <div style="width:50%;"> <p><b>LOCATION OF WELL</b></p> <p><div style="border: 1px solid black; padding: 2px;">HOWARD</div> <div style="border: 1px solid black; padding: 2px;">GLENNWOOD</div></p> <p>SECTION <div style="border: 1px solid black; padding: 2px;">4</div> LOT <div style="border: 1px solid black; padding: 2px;">37</div></p> <p><div style="border: 1px solid black; padding: 2px;">GLENNWOOD</div></p> <p>MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px;">1</div> MI</p> </div> </div>				
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p><b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b></p> <p><div style="border: 1px solid black; padding: 2px;">HUGGINS</div> <div style="border: 1px solid black; padding: 2px;">A 38385</div></p> <p>COUNTY NAME _____ COUNTY NO. _____</p> <p>STATE SIGNATURE _____ INSERT S _____</p> <p>DATE ISSUED <div style="border: 1px solid black; padding: 2px;">06/13/88</div> <div style="border: 1px solid black; padding: 2px;">Sidney Abell</div> <div style="border: 1px solid black; padding: 2px;">12-13-88</div></p> <p>NORTH GRID <div style="border: 1px solid black; padding: 2px;">532000</div> EAST GRID <div style="border: 1px solid black; padding: 2px;">0795000</div></p> </div> <div style="width:50%;"> <p><b>DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</b></p> <p><b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b></p> <p><div style="border: 1px solid black; padding: 2px;">SHADOW ROLL CT.</div></p> <p>NEAR WHAT ROAD</p> <p>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</p> <p><div style="border: 1px solid black; padding: 2px;">400</div></p> <p>DISTANCE FROM ROAD</p> <p>ENTER FT or MI <div style="border: 1px solid black; padding: 2px;">A</div></p> </div> </div>				
<p>APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px;">150</div> FEET</p> <p>APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px;">6"</div> INCH</p> <p><b>METHOD OF DRILLING (circle one)</b></p> <p><input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted &amp; <input type="checkbox"/> DRIVEN</p> <p><input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary)</p> <p><input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT</p> <p>other _____</p>				
<p><b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b></p> <p><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</p> <p><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</p> <p><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</p> <p><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL</p> <p>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____</p>				
<p><b>Not to be filled in by driller (OEP USE ONLY)</b></p> <p>APPROX. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px;">G A P</div></p> <p>FORCE <div style="border: 1px solid black; padding: 2px;">54</div> WRITE INITIALS IN BOX PERMIT No. <div style="border: 1px solid black; padding: 2px;">40-81-2795</div></p> <p>SPECIAL CONDITIONS <div style="border: 1px solid black; padding: 2px;">363-6559</div></p>				

**SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X**

**SOURCES OF DRILLING WATER**

- well
- 
- 

**WRITE THE BOX NUMBER FROM THE MAP HERE**

N 

7905

E 

5342

000 000

**DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION**



Page 1 of 1  
Date June 23 1988

Review OK 8/28/88 CW

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2795

Location of property (road) Shadow Roll Ct.

Subdivision Glenwood

Lot 37 Block — Plat — Sec. —

Well Driller R. MAYNE

Owner JAMES MEADOWS

Depth of well 245

Distance of measuring point (M.P.) above ground 2 ft

Static water level (S.W.L.) below M.P. 31 ft

I. High rate pumping -- reservoir drawdown

Time pump started 12:30 PM

Pumping rate 10 GPM

Total time 15 min to reach pumping water level 25 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 <u>1</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:45	25 ft	7 Sec		9 GPM
1:00	25 ft	7 Sec		9 GPM
1:15	25 ft	7 Sec		9 GPM
1:30	25 ft	7 Sec		9 GPM
1:45	25 ft	7 Sec		9 GPM
2:00	75 ft	7 SEC		9 GPM
2:15	75 ft	7 SEC		9 GPM
2:30	75 ft	7 SEC		9 GPM
2:45	75 ft	7 SEC		9 GPM
3:00	75 ft	7 SEC		9 GPM
3:15	75 ft	7 SEC		9 GPM
3:30	75 ft	7 SEC		9 GPM
3:45	75 ft	7 SEC		9 GPM

HD-224 60 ft 9 bags  
280 psi 30 ft Jetted

10/20/88

10/20/88  
Partial  
see below ↓

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt # 42824  
Date 10/19/88

Name of Installer Dickson PCB + HTG

Telephone 265-7003

License Number 1680

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner JAMES MEADOWS  
Subdivision Glenwood Springs Lot # 37  
Site Address 2808 Shadow Roll CT

Telephone 363-6559  
Well Tag # 40-81-2795 10/20

Pump

- Type
  - Deep well jet ☐
  - Shallow well jet ☐
  - Submersible ☒
- Make Goulds
- Model # 7EH05422
- Capacity 8 GPM
- Pump exceeds well capacity Yes ☐ No ☒
- If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

- Horsepower 3/4
- RPM ☐
- Voltage ☐
  - 110 ☐
  - 220 ☒

Pitless Adapter

- Make ~~BP10X~~ Harvard
- Model # BP10X
- Depth 3 1/2 FT

Tank

- Capacity V-100 50 gal
- Pressure relief valve? yes

Piping

- Type HD160
- Size 1"
- NSF and/or BOCA Code approved ☒
- Depth of supply line 4'

Well data

- Depth 245 ft.
- Yield 10 GPM
- Static water level 15 ft.
- Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

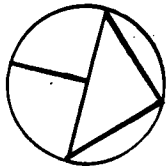
All information given above is true to the best of my knowledge.

Signature of Applicant: Fred A. Dickson

Date: Oct 19, 1988

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

10/20 Partial. → Line and pitless adapter ok to cover or is ok. Need to see well pump + tank. C.B.D.



LEGEND

● PERC HOLE TEST (SHOWN AS CORNER OF DISPOSAL AREA)

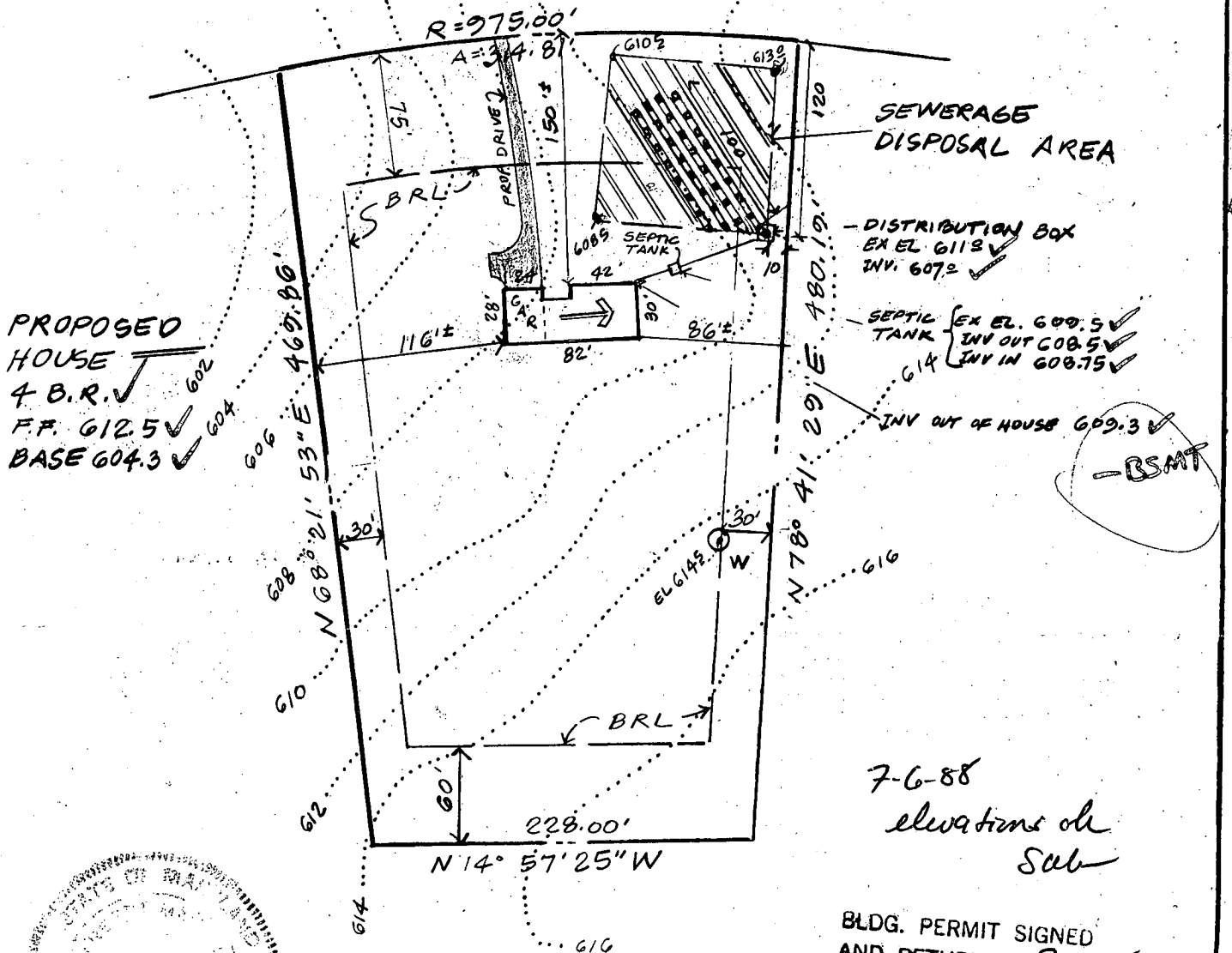
▨ SEWERAGE DISPOSAL AREA

⊙ W = WATER WELL

B.R.L. = BUILDING RESTRICTION LINE

▬ = TRENCH

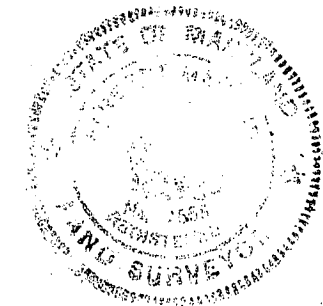
SHADOW ROLL COURT (50' R/W) COURT



7-6-88  
elevations of  
Sub

BLDG. PERMIT SIGNED  
AND RETURNED 7-6-88

BP19709  
SAH



NOTE: TOPOGRAPHY FROM  
SURVEY BY FISCHER  
COLLINS & CARTER, INC.

I CERTIFY THAT THE MEASUREMENTS AND ELEVATIONS ARE  
ACTUAL AND CORRECT FOR THIS PROPERTY

Herbert H. Malmud  
Registered Land Surveyor  
Maryland # 7558

The lots shown hereon comply with minimum ownership width  
and lot area as required by Maryland State Health Regulations.

Scale: 1" = 100'

Date: JULY 1, 1988

8823

PLOT PLAN  
LOT 37

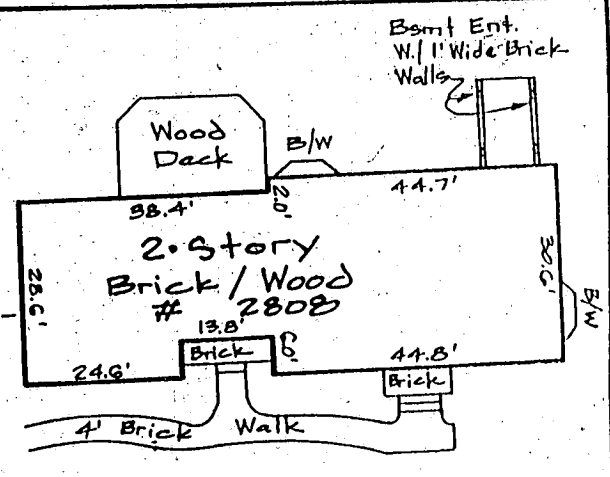
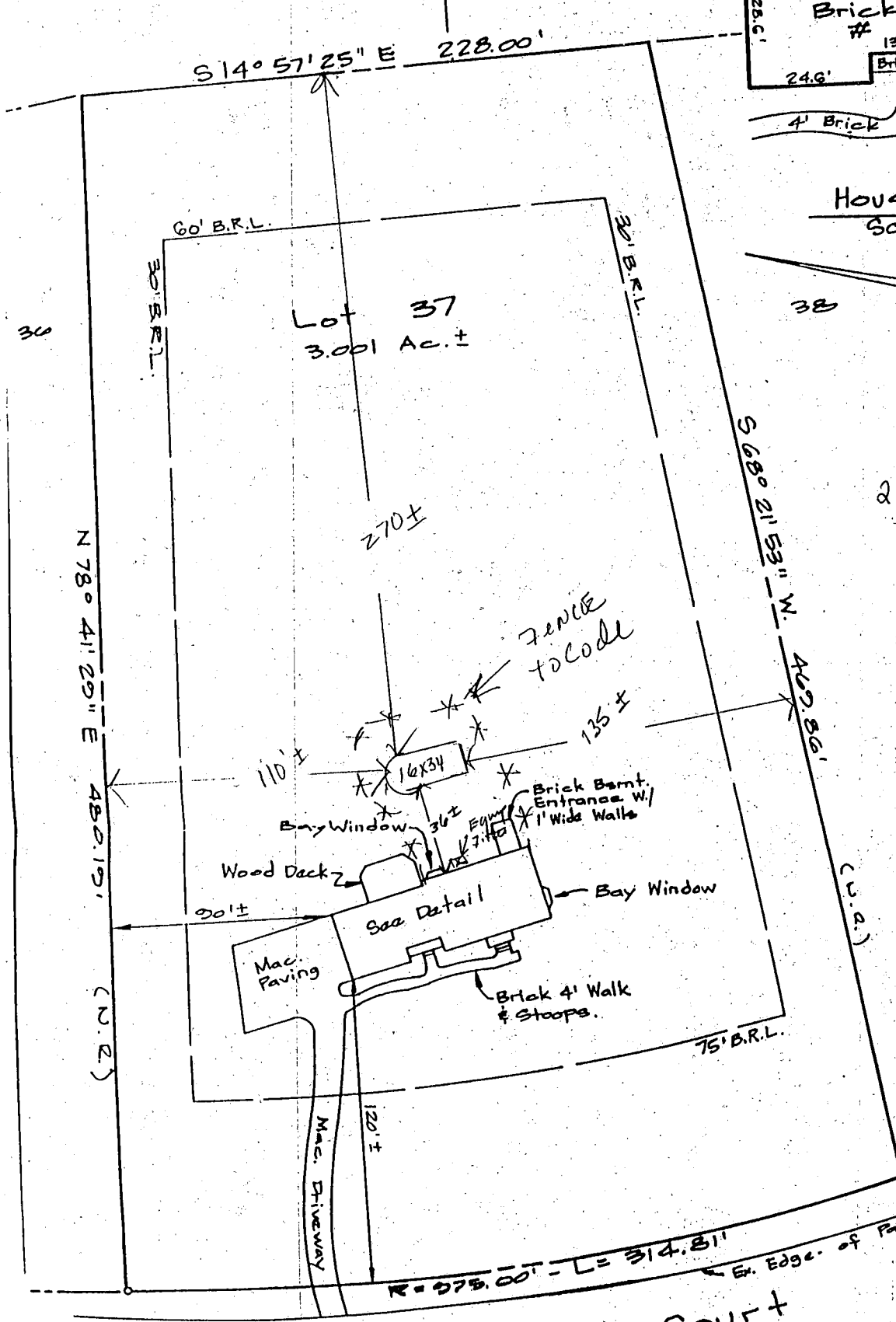
SHADOW ROLL COURT  
"GLENWOOD SPRINGS" PLAT 7685  
Election District No 4  
Howard County, MD.

H. Malmud & Asso. Inc.

100 Church Lane  
Baltimore, Md. 21208

(301) 653-9511

PROPERTY KNOWN AS: Lot 37  
 Glenwood Springs  
 Section One - Area One  
 Lots 1 Thru 44 SHEET 1 OF 1  
 4th Election District  
 Howard County, Maryland  
 Plat No. 7685




House Detail  
 Scale: 1" = 30'

2/1/01 -  
 Proposed pool location has no impact to well or septic  
 -SRK

Shadow Roll Court  
 (50' R/W)

B00128304

# LOCATION DRAWING

CERTIFICATION	SEAL	SCALE: 1" = 60'	DATE: 4/10/99
<p>This is to certify that I have surveyed the property known as: <u>2808 Shadow Roll Court</u></p> <p>The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.</p>	 Walter Park	<p><b>LDE Inc.</b>            9250 Rumsey Road Suite 106            Columbia, Maryland 21045</p> <p>(410) 715-1070 (Balt.)            (301) 596-3424 (Wash.)            (410) 715-9540 (Fax)</p>	