

8/15/97  
10 AM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-340779

P 58908

A REPAIR

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XEROSEX~~ 410-313-2640

DISTRICT \_\_\_\_\_

DATE 08/07/97

DATE SYSTEM APPROVED \_\_\_\_\_

INSPECTOR \_\_\_\_\_

# INDEXED

John Baker \_\_\_\_\_ IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS 16190 A. E. Mullinix Road, Woodbine, Maryland 21797 PHONE \_\_\_\_\_

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ ROAD 16190 A. E. Mullinix Road

PROPERTY OWNER John F. & Catherine E. Baker

ADDRESS 16190 A. E. Mullinix Road  
Woodbine, Maryland 21797

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS \_\_\_\_\_

\_\_\_\_\_ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

REPAIR - PURPOSE - RELOCATION OF A PORTION OF THE SDA TO SUPPORT A POLE BARN LOCATION.  
Call to schedule a date when a sanitarian can be present to evaluate soil  
conditions in relocating a portion of the sewage disposal field. 08/07/97

PLANS APPROVED BY Glen Savage \_\_\_\_\_ DATE 08/07/97

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.

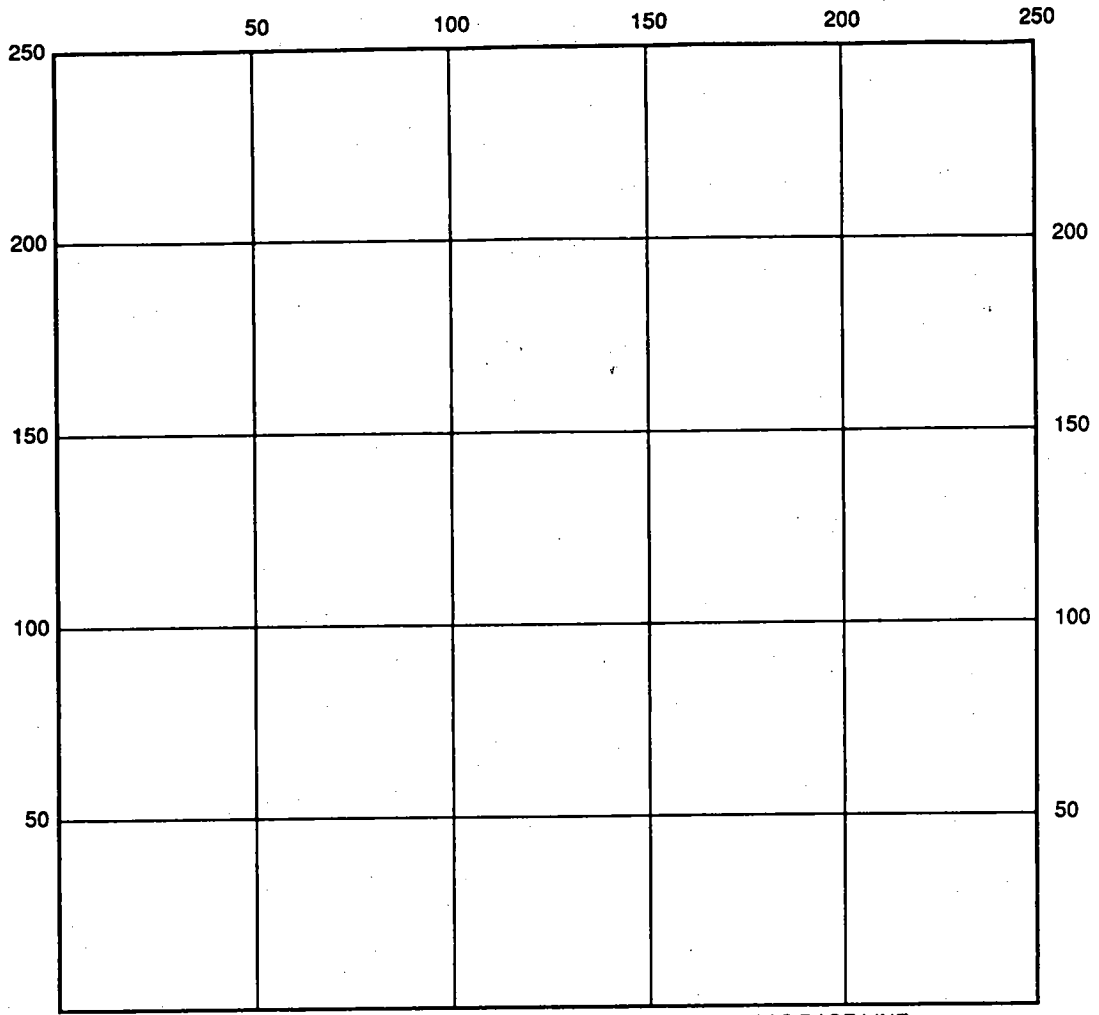
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

BLDG. PERMIT SIGNED

AND RETURNED 8-20-97

Serial # B010 6724  
PHE Building Shop

A 58908



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED \_\_\_\_\_ INSPECTOR \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

TO SUPPORT RELOCATION OF  
A PORTION OF THE SEWER  
EASEMENT FOR PLACEMENT  
OF A POLE BARN  
\$25,00 REPAIR FEE

P 58908

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT \_\_\_\_\_

DATE 8-7-97

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 JOHN BAKER

ADDRESS 16190 A.E. MULLINIX ROAD PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION: ABOVE ADDRESS

SUBDIVISION NA LOT NO. EXISTING RESIDENCE

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ 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.

(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



APPLICATION

30959

HOWARD COUNTY

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

B00006724

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

16190 AE MULLINIX ROAD

30716

GRADING/SEDIMENT CONTROL  YES  NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

48x36x Pole Building Storage  
Equip + Misc. Junk.

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
43	311	N/A	N/A	6	3996	0507

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
RESIDENTIAL	RC-TD	13	4	100

OWNER NAME AND ADDRESS  
 JOHN F & CATHERINE E BAKER  
 16190 AE MULLINIX  
 WOODS BINE MD 21797  
 PHONE NO. 40-442-0274

OCCUPANT'S NAME AND ADDRESS  
 OWNER  
 PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS  
 OWNER  
 PHONE NO.

CONTRACTOR'S NAME AND ADDRESS  
 OWNER  
 PHONE NO.

EXISTING USE N/A Single Family Home	PROPOSED USE Some Garage Utility Bldg	
EST. CONSTRUCTION COST 16000.00	LICENSE NUMBER	PERMIT FEE

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
36x48x12	48	36	12

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS ROOMS BATHS FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS

UTILITIES				
WATER	WELL	SEWER/SEPTIC	GAS	ELECTRICITY
				Electric
				AC

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

Signature: *John F Baker*  
 TITLE: OWNERS  
 DATE: 7/9/97

W/S CODE

### FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE \_\_\_\_\_

SIDE YARD  
 (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) \_\_\_\_\_

TO SIDE BUILDING LINE  
 DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_

BACK (CORNER LOT ONLY) \_\_\_\_\_

SDP # \_\_\_\_\_

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**  
 To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.  
 Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

Cash

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	8/20/97	<i>[Signature]</i>
FIRE PROTECTION		
STORM WATER MGMT		

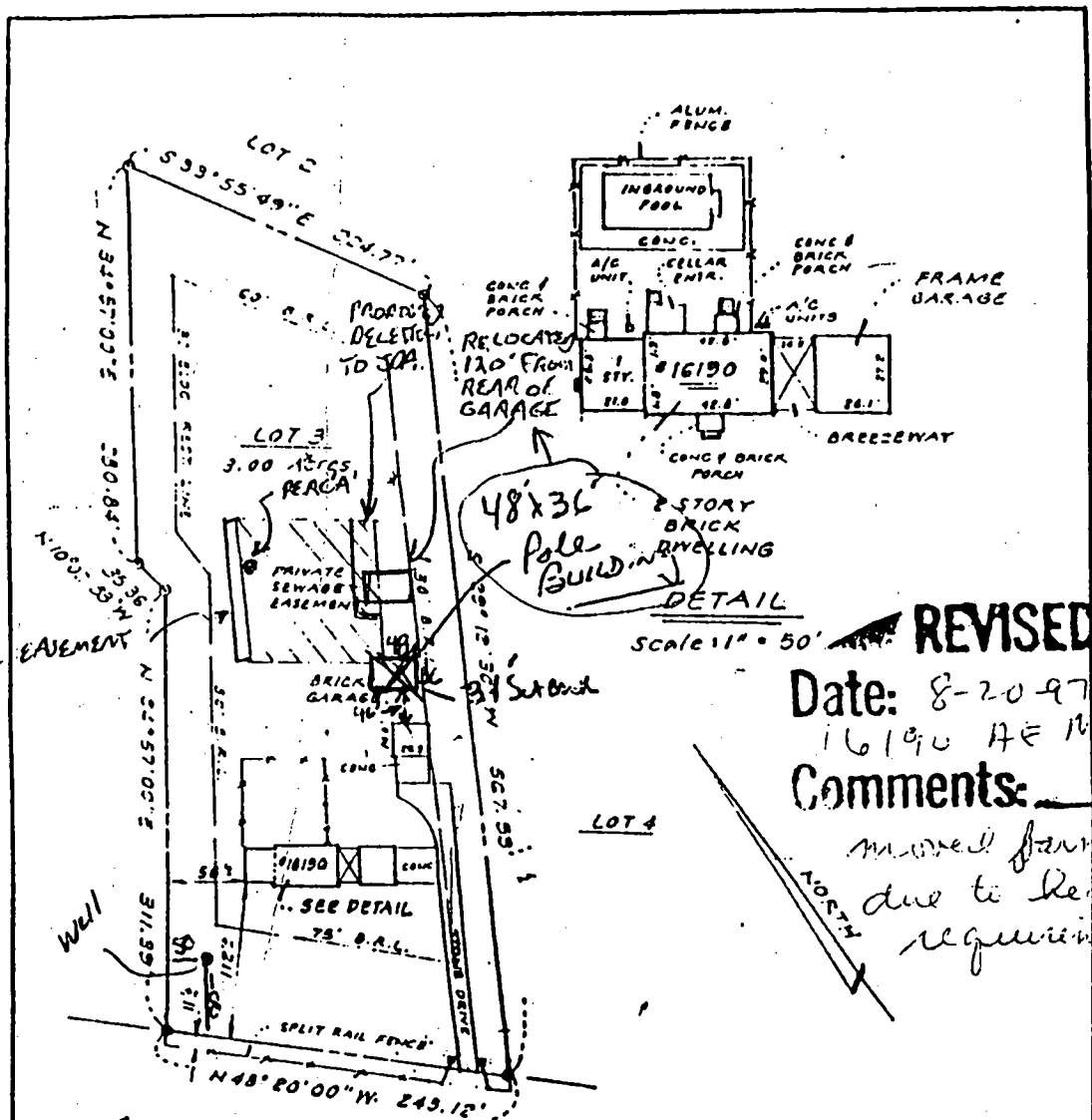
APPROVED

DATE

Distribution of Copies:  
 White - Building Official  
 Green - Planning & Zoning

Yellow - Engineering  
 Pink - Health Dept.  
 Gold - S.H.A.

A C



PROPOSED ADDITION TO SEPT

REVISED

Date: 8-20-97  
 16190 A.E. MULLINIX RD  
 Comments: 1300156724  
 moved front back  
 due to health dept  
 requirement

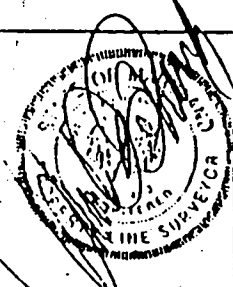
A.E. MULLINIX ROAD  
(60' R/W)

Notes:

- 1) Being known as Lot 3, as shown on a plat entitled "HENDERSON PROPERTY @ A.E. MULLINIX ROAD", as recorded in Howard County as Plat No. 4698.
- 2) Fence of Lot 3 appears to encroach on R/W of A.E. MULLINIX RD. as shown.
- 3) Property shown herein lies in Zone "C" in accordance with Flood Insurance Rate Map Community Panel No. 240044B - 00070

2/15/97 PROPOSED  
 AMENDMENT PREPARED  
 AS SHOWN Bladys R.S.  
 BY COPY OF THIS APPROVED PLAN  
 THE HEALTH DEPARTMENT ALLEYS  
 THE PROPOSED MODIFICATION TO  
 THE SEPTIL EASEMENT.  
 8/20/97 Bladys R.S.

DRAWN BY  
RSCC  
 CHECKED BY  
 SCALE  
1" = 100'  
 DATE  
8.12.97



I hereby certify that I have surveyed the property shown hereon for the purpose of locating the improvements only, and the improvements are located as shown. Exact property corners have not been established or set. We assume no responsibility or liability for any rights-of-way or easements recorded or unrecorded, not appearing on the record plat and/or mentioned in the title deed referred to hereon.

LOCATION SURVEY  
 16190 A.E. MULLINIX RD.  
 HOWARD COUNTY, MD.

7/2/87  
11:30 AM

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 39545

A 30959

DISTRICT 4th

DATE 7/2/87

DATE SYSTEM APPROVED 7/2/87

INSPECTOR R H

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

Dave Hopkins IS PERMITTED TO INSTALL X ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Toscarora Acres ROAD 16190 A. E. Mullinix Road 3

PROPERTY OWNER David Moyer

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 - 187 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 4 feet below original grade. 4½ feet of stone below distribution pipe.

LOCATION - Start 1st trench 300 feet down the right (567.53') lot line (from the front 243.12 & 567.53 corner) and 80 feet off the right lot line. Run trenches along contour towards the rear (224.77) lot line as seen when facing property from A. E. Mullinix Road.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

*OK'd*  
*BA*

PLANS APPROVED BY B. Nixon DATE 10/02/86

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 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 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.

BLDG. PERMIT SIGNED  
AND RETURNED 5/14/91  
Serial # 37669 - Prod.

BLDG. PERMIT SIGNED  
AND RETURNED 7/24/89  
Serial # 33659 -

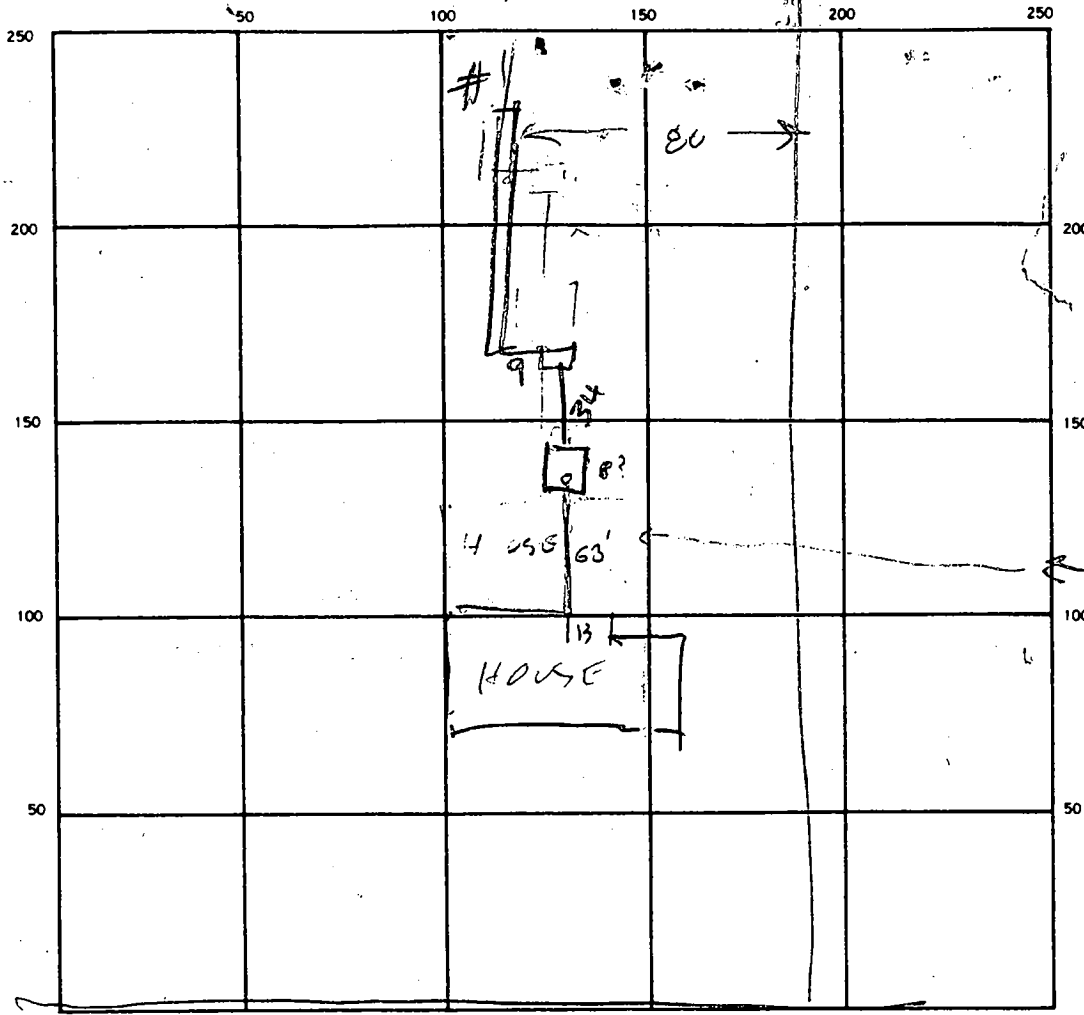
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

*1 Story addition*

EH - 2-1186

A 30959



5/3/91  
 (?) on these  
 measurements  
 C.H.

80  
 4.5  
 430  
 349  
 507

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

AE Mullinax Rd

SEPTIC TANK. LEVEL \$500

CLEANOUTS ST/DK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH #1 | #2 9 | 9 FT. TRENCH WIDTH #1 2 FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH #1 | #2 5 | 5 FT. TOTAL LENGTH #1 | #2 | TOTAL 26 | 29 | 55 FT. 127

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 225 SQ. FT. 740 48

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 7/2/07<sup>AM</sup> - TRENCH #1 DUG & PARTLY STONED  
DIG TRENCH #2 FINISH STONING TRENCH #1  
7/2/07<sup>AM</sup> - TRENCHES FINISHED

DATE SYSTEM APPROVED 7/2/07

INSPECTOR Raymond Hooper

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
 Bureau of Environmental Health  
 3525-H Ellicott Mills Drive  
 Court House Square  
 Ellicott City, Md. 21043  
 461-9933

New Installation X  
 Replacement \_\_\_\_\_

Receipt # 39539  
 Date 6/27/87

Name of Installer CARROLL WATER SYSTEMS, Inc Telephone 870-10880

License number PE # 0914  
 Certified Well Pump Installer X Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner L. DAVID MAVER Telephone 791-6930  
 Subdivision HENDERSON PARKWAY Lot # \_\_\_\_\_ Well tag # HD-B1-1699  
 Site Address 16190 A.E. MOLL NIX  
WINDSOR, MD

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>1/2</u>	1. Make <u>Handi-D</u>
a. Deep well jet _____	2. RPM <u>3450</u>	2. Model # <u>PT 8050</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>4'</u>
c. Submersible <u>X</u>	a. 110 _____	
2. Make <u>Boards</u>	b. 220 <u>X</u>	
3. Model # <u>7E HASK 22</u>		
4. Capacity <u>12</u> GPM		
5. Pump exceeds well capacity Yes _____ No <u>X</u>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No <u>X</u>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity <u>82</u>	1. Type <u>PLASTIC</u>	1. Depth <u>185</u> ft.
2. Pressure relief valve? <u>YES</u>	2. Size <u>1/2"</u>	2. Yield <u>75</u> GPM
	3. NSF and/or BOCA Code approved <u>YES</u>	3. Static water level _____ ft.
	4. Depth of supply line <u>4"</u>	4. Will water supply be disinfected by installer? <u>No</u>

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: [Signature]

Date: 6/27/87

7/2/87 - PRESSURE TANK OK PITLESS ADAPTER OK

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

# APPLICATION

*Prel.*

*Notified by  
e-mail*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 309.59  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th  
DATE 9/26/80

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: Harold L. and M. Evelyn Henderson DAVID MOYER  
16200 A. E. Mullinix Road  
ADDRESS Woodbine, Maryland 21797 PHONE 854 - 6504

PROPERTY LOCATION

SUBDIVISION Henderson Property LOT NO. 3  
16190  
ROAD AND DESCRIPTION 16200 A. E. Mullinix Road  
Woodbine, Maryland 21797 (See submitted plat of HENDERSON PROPERTY)

SIZE OF LOT 3 acres (see plat) TYPE BLDG. None. (See plat notes under Item #4)

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.

BLDG. PERMIT SIGNED  
AND RETURNED 2-19-87

SIGNATURE OF APPLICANT Harold L. Henderson 8/11/80

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

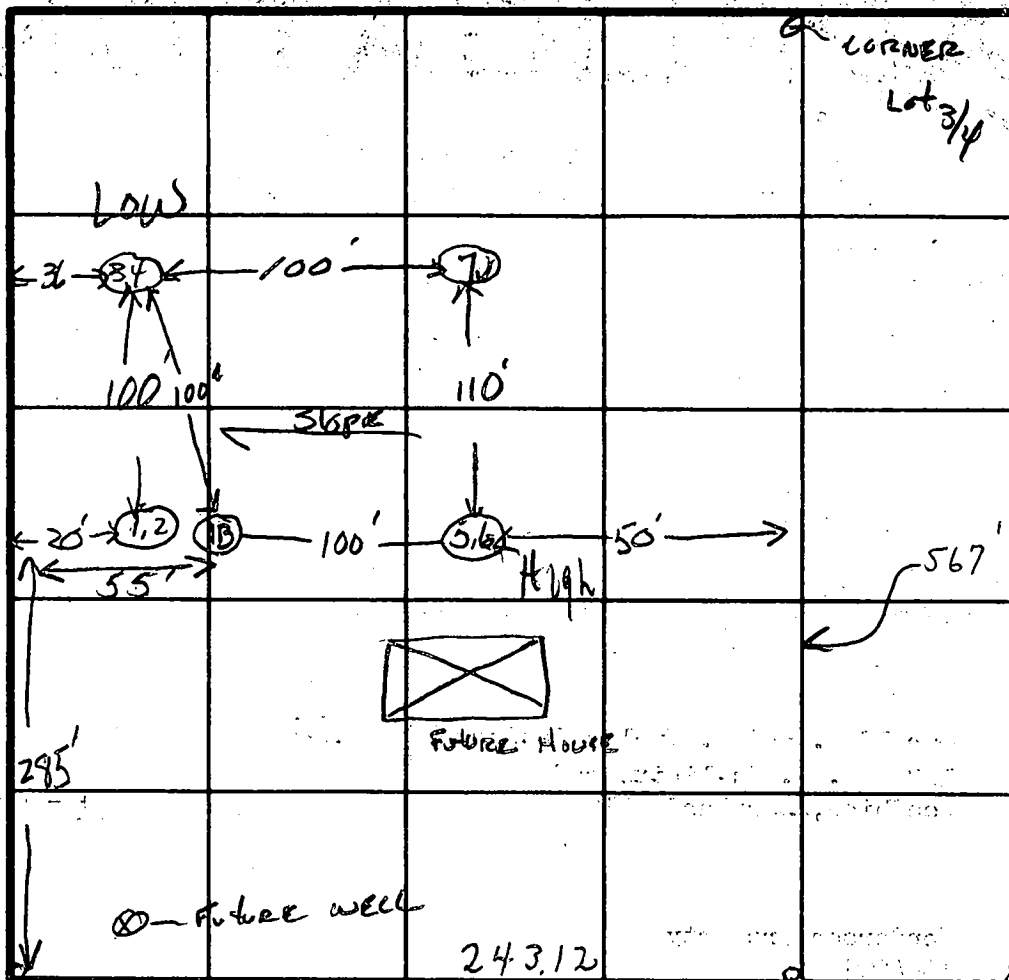
# 3

SOIL PROFILE

SEE EACH HOLE BELOW



FIELD SHEET



INLET 4'  
MAX DEPTH 8 1/2  
187 7/80.

ALL HOLES

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. A. E. MULLINIX ROAD CORNER Lot 3/4

SOIL PROFILE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/7/80	1	4' 1"	1:32	1:55	XX	XX	1/4"
	2	12 1/2'	1:32	1:36	1:36	1:45	9 min
	3	3 1/2'	1:40	1:48	1:48	2:00	12 min
	4	12 1/2'	1:40	1:48	1:48	2:00	12 min
	5	4'	2:00	2:03	2:03	2:10	9 min
	6	12 1/2'	2:00	2:06	2:06	2:31	25 min
	7V	13'	:	:	:	:	
	8	'	:	:	:	:	
	1A						
	1B	4'	2:22	2:24	2:24	2:30	6 min

Clay  
3 1/2' RED MICA LOAM  
9' RED MICA LOAM some mica rock  
12 1/2'  
13' Mostly Mica

REMARKS Open Field Lot Lines staked

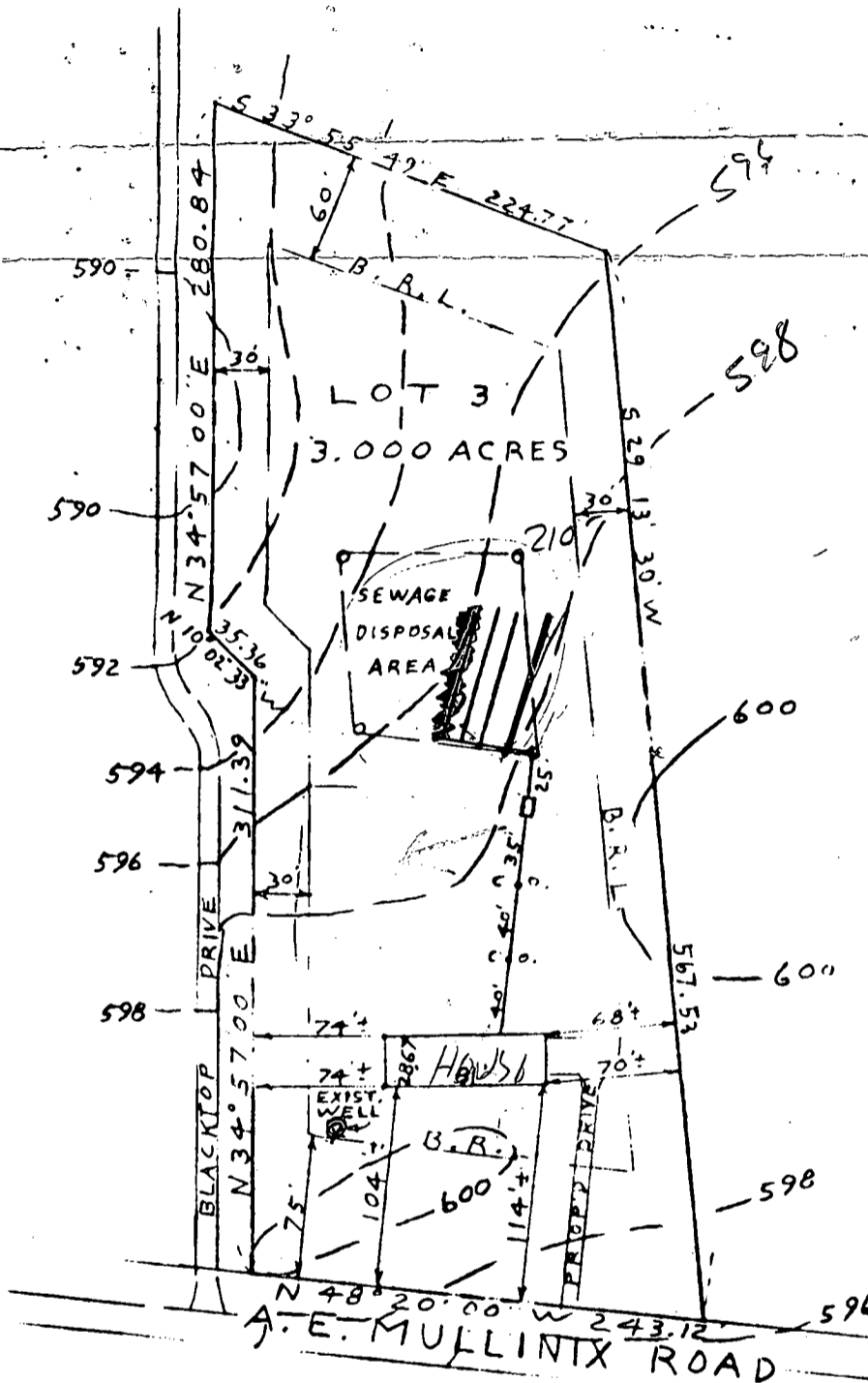
TYPE OF SOIL

TESTED BY SK + JS 10-7-80

ALSO PRESENT Sirk's Mr HENDERSON

# William E. Doyle

LAND SURVEYOR 8440  
 5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



2-19-87  
 elevations of  
 S Abol  
 sufficient truck for  
 4 BR house

BLDG. PERMIT SIGNED  
 AND RETURNED 2-19-87

BP# 10072  
 S Abol

$\frac{1}{8} - \frac{1}{4} / 1"$   
 $\frac{1}{16} / 1"$

I		PLOT PLAN	
EXIST, GRN. AT DISTR. BOX	598.20 ✓	LOT 3, A.E. MULLINIX ROAD	
INV. IN DISTR. BOX	594.20 ✓	PLAT OF, HENDERSON PROPERTY	
INV. OUT OF SEPTIC TANK	594.70 ✓	PLAT NO. 4698	
INV. INTO SEPTIC TANK	595.10 ✓	ELECTION DISTRICT 4	
INV. OUT OF DWELLING	597.40 ✓	HOWARD COUNTY MD.	
FIRST FLOOR ELEV.	604.00 ✓	SCALE: 1" = 100'	
CELLAR ELEV.	595.00 ✓	DRAWN: FEBRUARY 11, 1987	
WELL ELEV.	601.00 ✓		
NO. OF BEDROOMS	4		
ACREAGE	3.000 ACRES		

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

signed William E. Doyle



B 1 **5277** SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER

**HC-81-1699**  
 fill in this form completely

Date Received **10/15/86**  
 OWNER INFORMATION

15 Last Name **DAVID** Owner First Name **DAVID**  
 36 Street or RFD **1512 RIDGE RD. W. WYOMING, MD.**  
 57 Town **WYOMING** 70 State **72** Zip **21786**

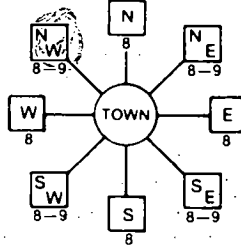
B 3 LOCATION OF WELL

8 COUNTY **HARFORD** 21  
 23 SUBDIVISION **FUSCHBACH HOMES** 42  
 SECTION **44** 46 LOT **3** 50  
 52 NEAREST TOWN **DELICAT** 71  
 MILES FROM TOWN (enter 0 if in town) **2** 73 **M** 76 **I** 77 **78**

DRILLER INFORMATION

Driller's Name **Wesley L. Mayner** 77 License No. **80**  
 Firm Name **Wesley L. Mayner Well Drilling**  
 Address **5512 Ridge Rd. W. WYOMING, MD.**  
 Signature **Wesley L. Mayner** Date **9/20/86**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 **Wesley Mayner's Road** 30  
 NEAR WHAT ROAD

CN WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH **N** 32 EAST **E**  
 WEST **W** SOUTH **S**

34 **100** 37  
 DISTANCE FROM ROAD  
 ENTER FT or MI **F** 38 **7** 39

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

County Name **HARFORD** County No. **A30959**  
 OEP SIGNATURE **Wesley L. Mayner** STATE HEALTH INSERT S  41  
 DATE ISSUED **100280** 43 **Wesley L. Mayner** 48 CO SIGNATURE **04/02/87** 49  
 NORTH GRID **858000** 50 EAST GRID **072000** 55 57 63

APPROXIMATE DEPTH OF WELL **240** 24 FEET 28

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

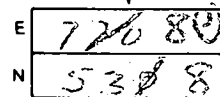
METHOD OF DRILLING (circle one)

- BORED (or Augered)  JETTED  Jetted & DRIVEN
- AIR-ROTary  AIR-PERcussion  ROTARY (Hydraulic Rotary)
- CABLE  REVerse-ROTary  Drive-POINT
- other \_\_\_\_\_

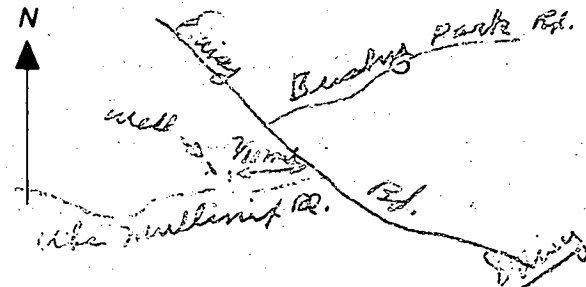
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. **WELL**
  - 2.
  - 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
  - Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
  - S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
  - D 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 (OEP USE ONLY)

APPROP. PERMIT NUMBER \_\_\_\_\_ 54 **GAP** 63  
 FORCE **PA** WRITE INITIALS IN BOX PERMIT No. **HC-81-1699**  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

public sewer is available, and containing any residential structure constructed on this bldg. site. This easement shall become null and void upon connection to public sewage system.

Handled by Sheldon Henderson Pump  
 on 16200 A.E. Mullinix Rd  
 12/22

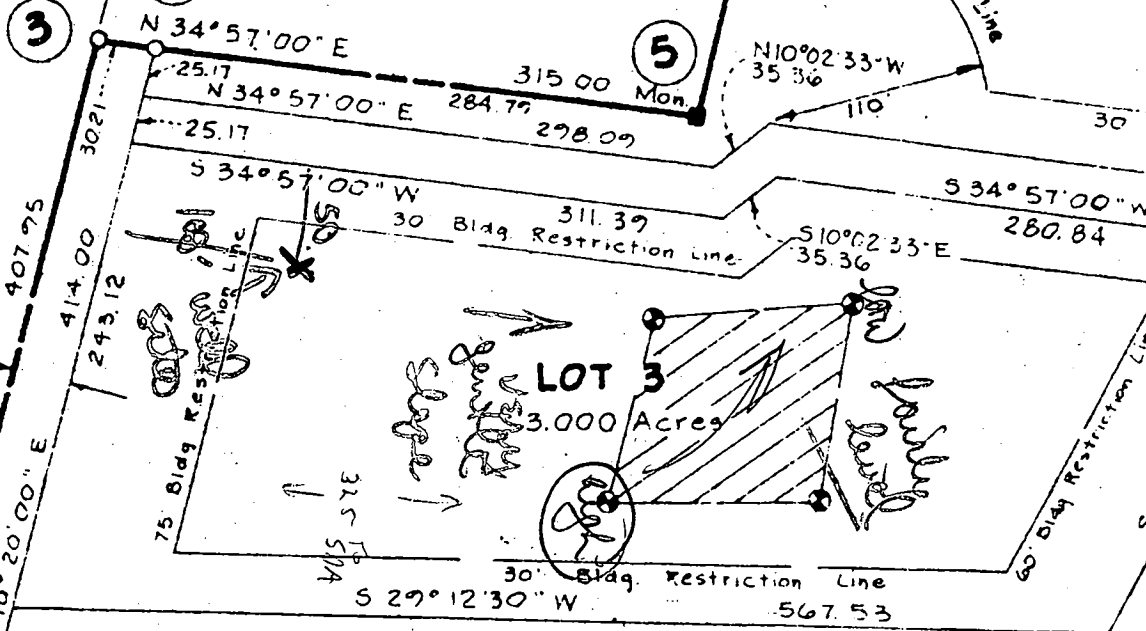
Approved  
 9/19/88  
 approved 5/5/86  
**A.E. MULLINIX RD.**  
 R-30960

4564 Sq. Ft. to Co. for public road  
 near TUSCARENA  
 ACRES

P 59  
 Mullinix  
 368/642

LOT 1  
 5.193 Acres

4  
 5  
 3  
 2  
 1  
 10  
 9



LOT 3  
 3.000 Acres

LOT 4  
 3.000 Acres

LOT 2  
 4.390 Acres

will be OK  
 4/9/86  
 850

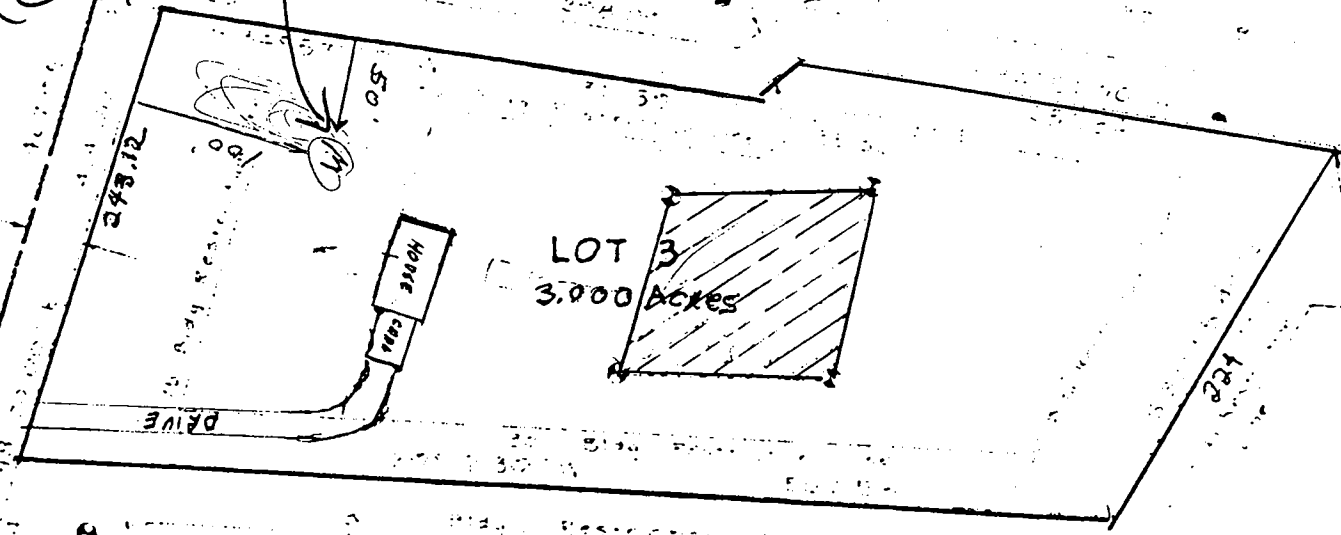
LOT 3  
LIBER 403  
FOLIO 149 HENDERSON  
PROPERTY OF A.E. MULLINIX  
RD.

3- acres

A.E. MULLINIX RD.

9/30/86  
placed steps  
at approx  
location of  
structure  
shown on  
plan

(B)



LOT 1

LOT 2

LOT 4

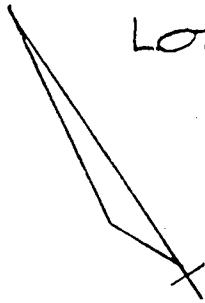
WINDSUT

Quitting  
3/27/87

Mr & Mrs. Harold Henderson  
Tuscarora Acres  
16200 A. E. Mullinix Road  
Woodbine, MD 21797

301 855 24 21 84

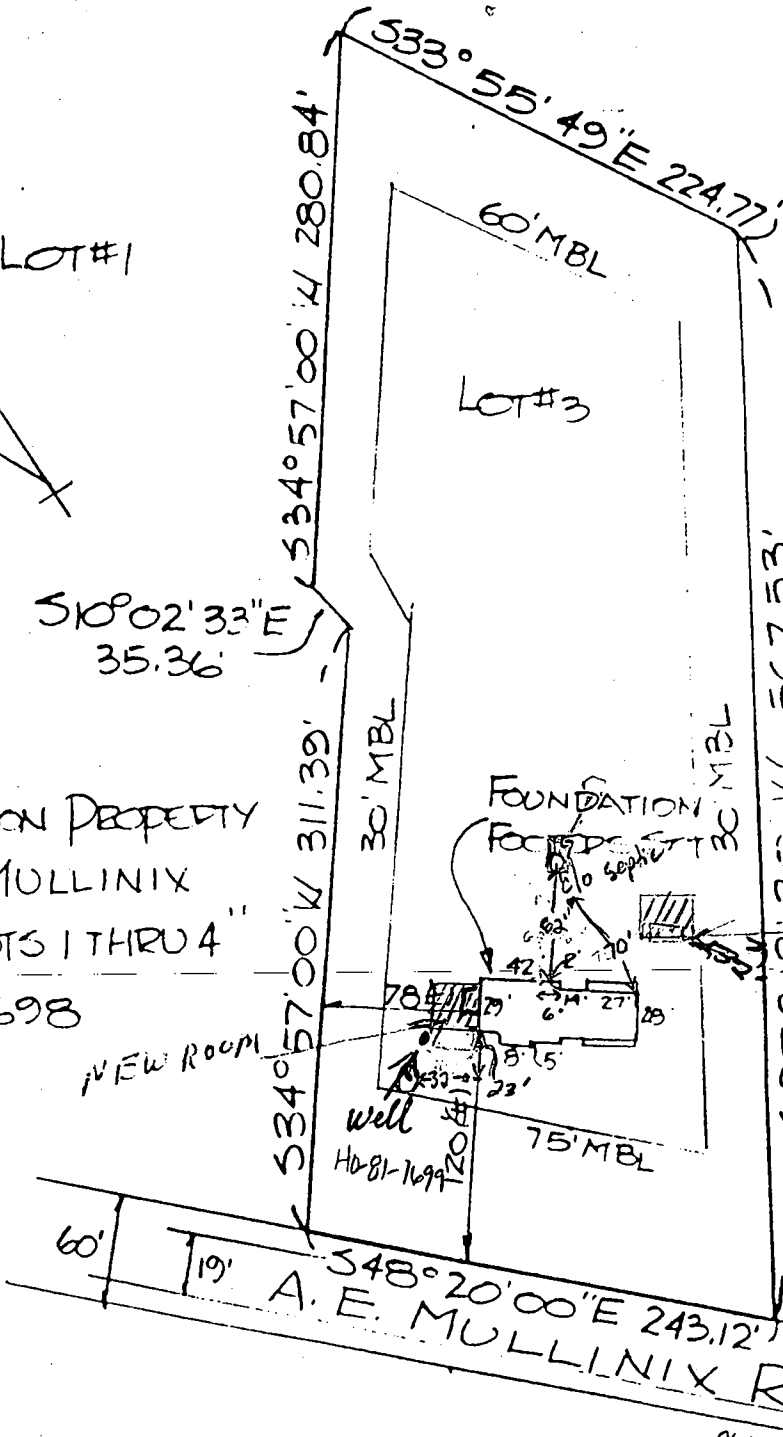




LOT#1

S10°02'33"E  
35.36'

LOT#3  
HENDERSON PROPERTY  
OF A. E. MULLINIX  
ROAD, LOTS 1 THRU 4  
PLAT-4698



2-23-89 well is 32 ft off the left side of the house. The proposed addition would be about 20 ft from the well. septic tank was outlined w/ lush green LOT# 4 grass. some dark organic matter at side of cleanout in bare spot. Possibly residue from pumping tank. water in tank was about 6 inches below the top. No overflow observed. Unclear of exact location of proposed garage. Need more information

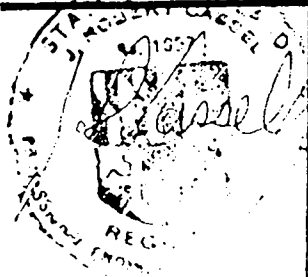
2/24/89 PER OWNERS  
GARAGE TO BE  
AT LEAST 30' FROM  
SEPTIC / ADDITION  
TO BE 27' FROM  
WELL; I INDICATED  
CONSENT & SUGGESTED  
HE ADJUST ADDITION TO  
30' FROM WELL  
IF POSSIBLE.

OWNER HAS BEEN HEAVILY USING RIDEX<sup>®</sup> ON HIS SEPTIC SYSTEM WHICH MAY HAVE CAUSED CONDITION OBSERVED. HE WILL HAVE TANK PUMPED AND DISINFECTED.

THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE OUTLINES OF THE LOT UPON WHICH THEY ARE ERECTED AND IS NOT TO BE CONSTRUED AS ESTABLISHMENT OF PROPERTY LINES.

**CASSELL**  
**E**NGINEERING  
INC

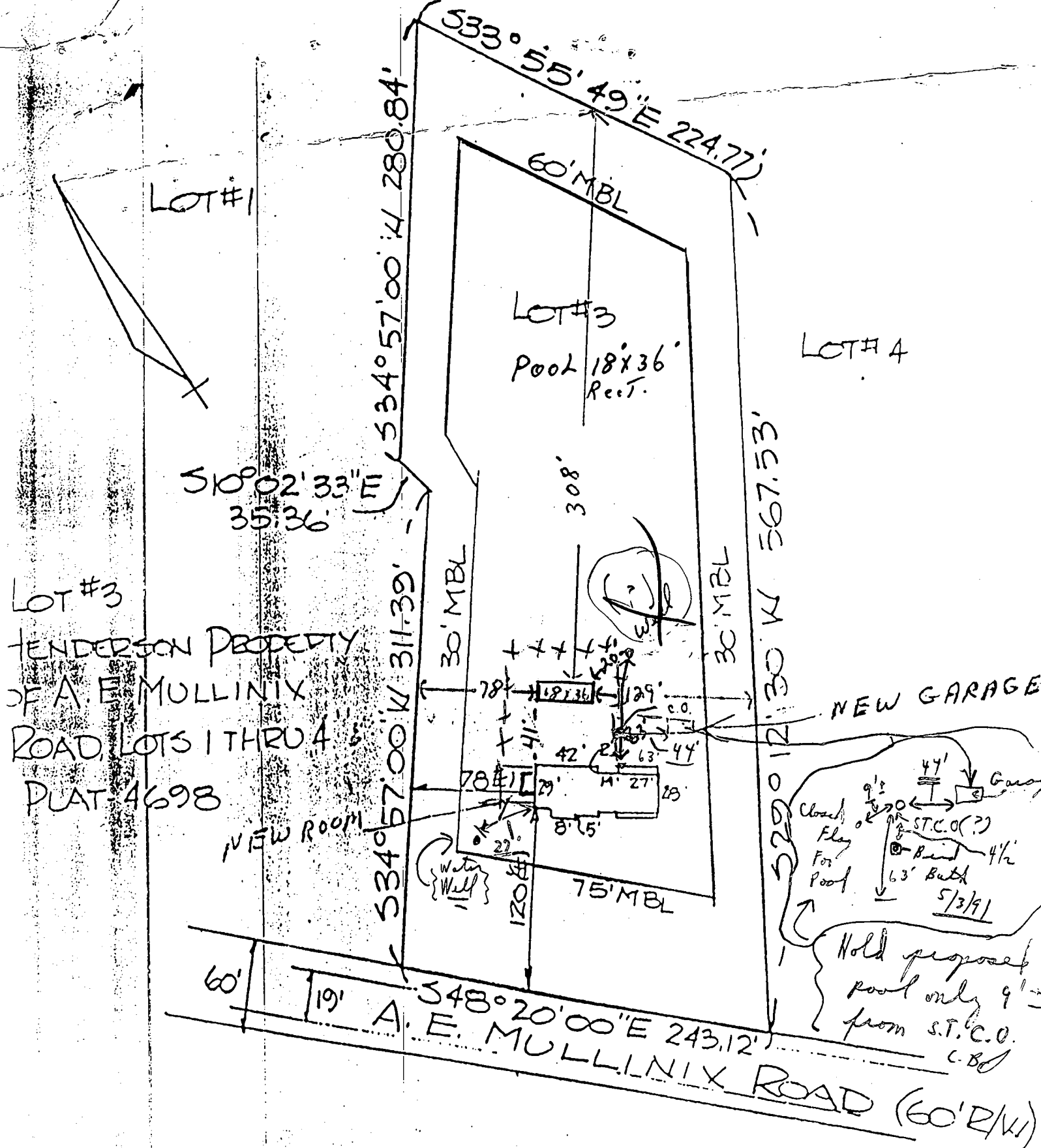
1015 Trichling Brook Road  
Cockeysville, Maryland 21030  
(301) 678-1950



HOUSE LOCATION SURVEY

OK TO PROCEED WITH BP.  
LIBER 1557 / FOLIO 476  
HOWARD COUNTY, MD

Date	Signed	Scale
4 11 1987	GG/RW	1" = 100'

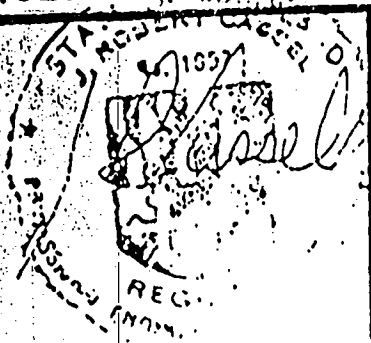


LOT #3  
 TENDERSON PROPERTY  
 OF A. E. MULLINIX  
 ROAD, LOTS 1 THRU 4  
 PLAT 4698

THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE OUTLINES OF THE LOT UPON WHICH THEY ARE ERECTED AND IS NOT TO BE CONSTRUED AS ESTABLISHMENT OF PROPERTY LINES.

**CASSELL**  
**ENGINEERING**  
 Inc

015 Trichling Brook Road  
 Pockeysville, Maryland 21030  
 (301) 628-1950



HOUSE LOCATION SURVEY		
LIBER 1557 / FOLIO 476 HOWARD COUNTY, MD		
Date	Signed	Scale
4 / 11 / 87	CASSELL/PIV	1" = 100'



**HOWARD COUNTY HEALTH DEPARTMENT**

*Joyce M. Boyd, M.D., County Health Officer*

May 9, 1991

*Reply to:*

Mr. David Moyer  
16190 Mullinix Road  
Woodbine, Maryland 21797

RE: Building Permit Application  
Serial Number: 37669  
Inground Swimming Pool

Dear Mr. Moyer:

This is to advise that this office cannot recommend approval for a pool in the location proposed. A field inspection shows the pool stake-out flags to be within 9 feet of the septic tank cleanout. A revision to at least 25 feet from the septic tank would be acceptable to this office.

While 10 feet is generally considered adequate separation from septic tanks to most structures, pools are unique because of the potential for leakage. It would not be prudent to install a pool in a location which could flood the septic system. The relevant regulation (COMAR 26.04.02) does not address pools specifically, but does provide that septic be separated by at least 25 feet from drainage swales and other water bearing features. Presumably this standard would be appropriate for pools as well.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

*Craig Williams*

Craig Williams, Director  
Water and Sewerage Program

*OWNER CLARIFIES  
THAT EDGE OF POOL  
WILL BE 19' FROM*

*TANK, FLAGS WE SAW WERE  
EDGE OF SIDEWALK,*

CW:jr

cc: Department of Licenses and Permits  
Matthews Pool  
File

*OK TO PROCEED -  
5/14/91 cwilliams*