

6/4/89 2 PM  
6/8/89 AM 10:40  
2130  
6/12/89 11:40 AM

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-405165  
INDEXED

P 44017

A 36993

DISTRICT 5th

DATE 4/21/89

DATE SYSTEM APPROVED 6/12/89

INSPECTOR Cwill

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER   
ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 591-2166 875-4197  
SUBDIVISION The Chase ROAD 11649 Masters Run LOT 17  
PROPERTY OWNER Kaleem Kawaja  
ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

4180  
5  
419020  
3 22.5 ft  
75

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 250 feet from the front (190') lot line and 80 feet from the right (560.13') lot line as seen when facing the lot from Masters Run. Run trenches on contour toward the left lot line. NOTE: TRENCHES TO BE EQUAL LENGTH.

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

PLANS APPROVED BY Sid Abel DATE 1/06/87

COVER NO WORK UNTIL INSPECTED AND APPROVED

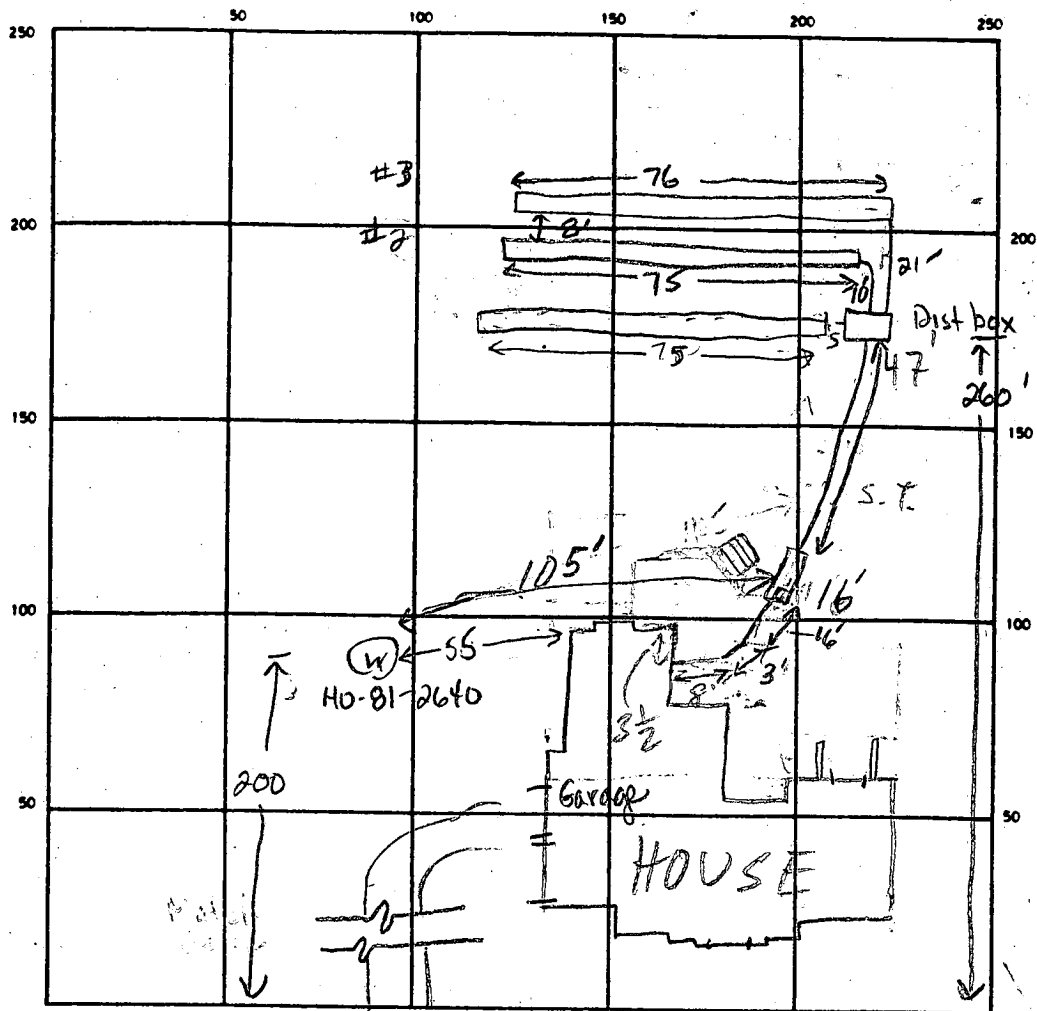
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

- 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.

A  
36993



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Master's Run

SEPTIC TANK LEVEL 2000 gal CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL Needs baffle

DRAIN FIELD/TILE FIELD DEPTH 75/80 FT. TRENCH WIDTH 2 FT. INLET DEPTH 35/40 FT.

EFFECTIVE GRAVEL DEPTH 4.0/4.0 FT. TOTAL LENGTH 75 75 76 FT. 226

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 1904 SQ FT. 4

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

ABSORBENT AREA 904 SQ. FT.

REMARKS 6/5/89 WORK COMPLETE FROM HOUSE TO D.B  
CAST IRON FROM HOUSE TO FIRST BEND MR 6-8-89 OK  
to stone trench #1 add pipe & paper. OK to cover leaving ends open.  
OK to partially stone #2 JEN 6-8-89 OK to cover trench #1 & 2 leaving  
tail end open on #2. JEN

6/12/89 OK TO FINISH END OF TRENCH & COVER - ALL WORK. CW.

DATE SYSTEM APPROVED 6/12/89 INSPECTOR Cwellman



SUBDIVISION: The Chase

LOT NUMBER: 17

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____ sq. ft./bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

Trench to be 2 wide. 180 sq. ft./bedroom  
220 sq. ft. with b.o.  
41B1/BP  
 Inlet 3.5 feet below original grade.  
 Bottom maximum depth 7.5 feet below original grade.  
 Effective area begins at 3.5 feet below original grade.  
4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 250 FEET FROM THE FRONT (190') LOT LINE AND 80 FEET FROM THE RIGHT (560.13) LOT LINE AS SEEN WHEN FACING THE LOT FROM MASTERS RUN. RUN TRENCHES ON CONTOUR TOWARD THE LEFT LOT LINE. 1-6-87 S. Abel NOTE: TRENCHES TO BE EQUAL LENGTH  
1-20-89 All Repairs Shallow.

# APPLICATION

PERCOLATION TESTING

A 36993

P \_\_\_\_\_

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

DISTRICT 5

DATE 5/15/86

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: Wayback Corporation Kalrem Kawaja 730-5456

ADDRESS P.O. Box 1018, Columbia, MD 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

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

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. Prelim # 17

ROAD AND DESCRIPTION Homewood Road 11649 MASTERS RUN.

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
(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.

APPROVED BY Sidney Abel FOR Deep System by initial Shallow test fields Repair DATE 7-6-87

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

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

REASONS FOR REJECTION OR HOLDING: 6/26/86: Perc Satisfactory; Hold for Subdivision Plat, Shallow Syst.  
only S. Abel Initial Syst Deep Repairs Shallow

BLDG. PERMIT SIGNED  
AND RETURNED 1-20-89  
BP23229 SK

# THIS IS NOT A PERMIT

# APPLICATION

PERCOLATION TESTING

A 36993

P \_\_\_\_\_

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

DISTRICT 5

DATE 5/15/86

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 Maybank Corporation Kaleem KAWAJA 730-5456

ADDRESS P.O. Box 1018, Columbia, MD 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

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

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. 17 Prelim + Final

ROAD AND DESCRIPTION Homewood Road 11649 MASTERS RUN.

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SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
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APPROVED BY Sidney Abel FOR [Signature] (SIGNATURE OF APPLICANT)  
Deep System Initial DATE 7-6-87  
Shallow to field repairs

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

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

REASONS FOR REJECTION OR HOLDING: 6/20/86: Perc Satisfactory, Hold For Subdivision Plat, Shallow Syst.  
only, S. Abel Initial Syst Deep Repairs Shallow

BLDG. PERMIT SIGNED  
AND RETURNED 1-20-89  
BP23229 SK

# THIS IS NOT A PERMIT

1 **3637**

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

**40-81-2640**  
fill in this form completely

Date Received (APA)

**030388**

OWNER INFORMATION

**6VC BUILDERS**

**11673 FANSHIVE ROAD**

**ELLIOTT CITY MDR1013**

**B 3**

LOCATION OF WELL

**HOWARD**

**THE CHASE**

SECTION **44** LOT **17**

**CLARKSVILLE**

MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION

**Joseph L. Mayne** License No. **238**

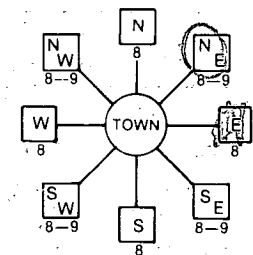
**Joseph L. Mayne Well Drilling**

**5512 Ridge Rd. Mt. Airy, Md. 21771**

**Joseph L. Mayne** Date **2/29/88**

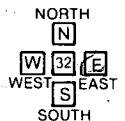
**B 4**

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**Master Road** NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



**180** DISTANCE FROM ROAD

ENTER FT or MI **FT**

**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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**HOWARD** COUNTY NAME **A36993** COUNTY NO.

STATE SIGNATURE DATE ISSUED **030388** CO SIGNATURE **B Nilon** EXP. DATE **09/30/88**

NORTH GRID **512000** EAST GRID **0824000**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

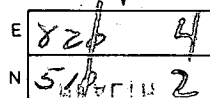
METHOD OF DRILLING (circle one)

- BORED (or Augered)
- JETTED
- Jetted & DRIVEN
- AIR-ROTary
- AIR-PERCussion
- ROTARY (Hydraulic Rotary)
- CABLE
- REVerse-ROTary
- Drive-POINT

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



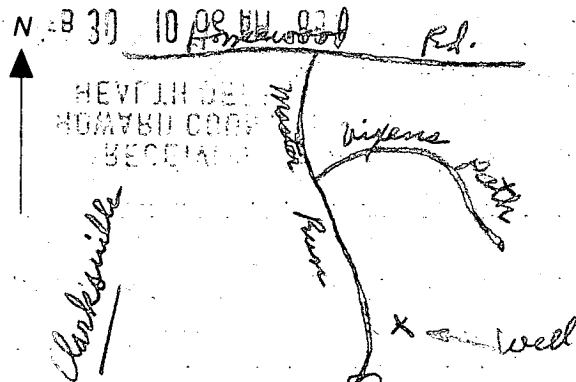
**4-6-88** Location ok - missed grid  
**32#** open hole  
**37#** casing  
**7** bags cement  
**3** ft above ground

**JENadeau**

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 DEEPEM AN EXISTING WELL

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

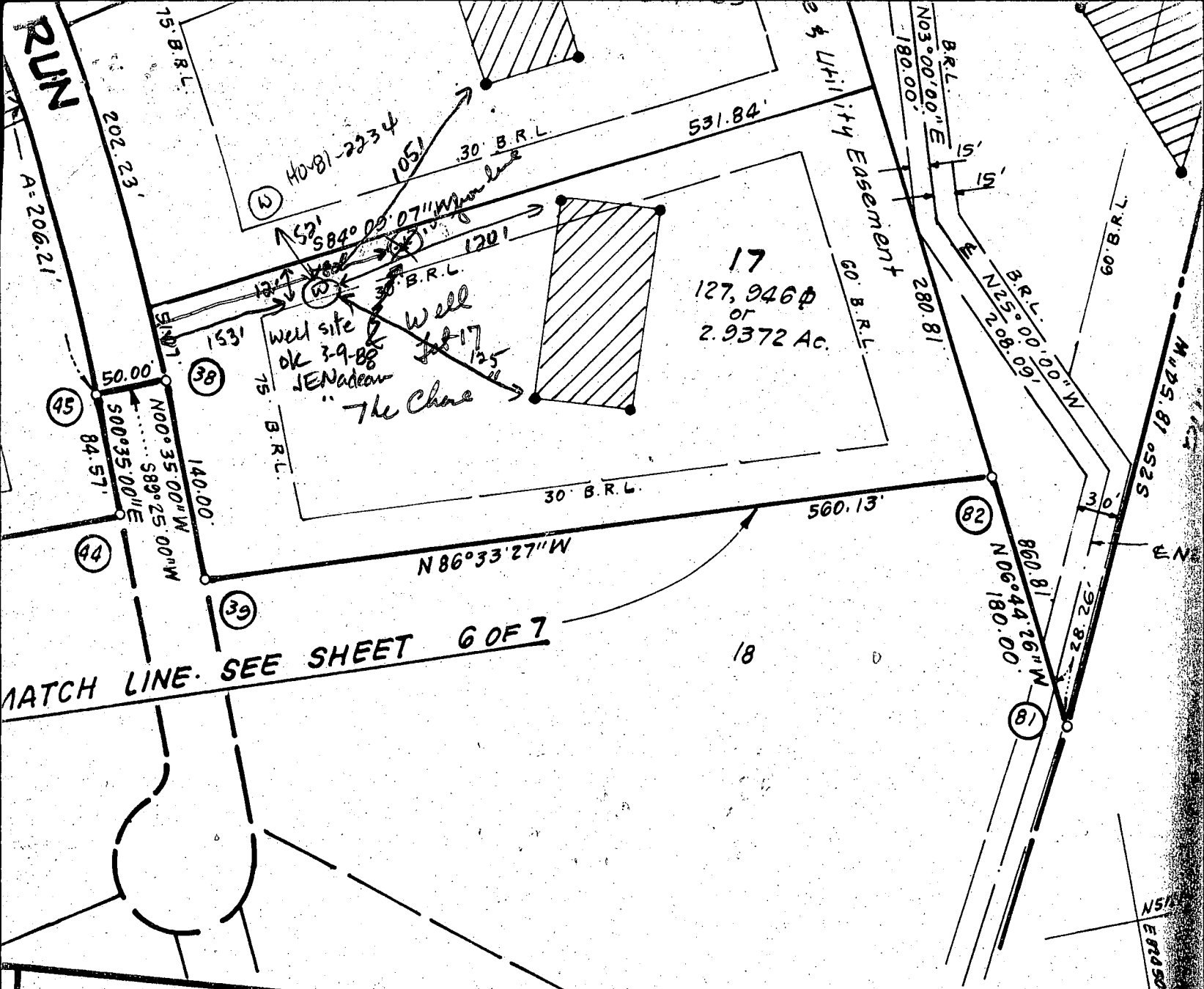


Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER **G A P**

FORCE **80** WRITE INITIALS IN BOX PERMIT NO. **40-81-2640**

SPECIAL CONDITIONS



**SURVEYOR'S CERTIFICATION**

I hereby certify that the Final Plat shown hereon is correct; that it is a subdivision of all of the land conveyed from Wayback Corporation to Wright Family Corporation, by a deed dated December 9, 1986 and recorded among the Land Records of Howard County, Maryland in Liber 1568 at Folio 243; Wright Family Corporation is now Howard Estate Development Corporation, by Articles of Merger dated December 16, 1986 and filed with the State Department of Assessments and Taxation of Maryland; and that all monuments are in place, or will be in place, prior to acceptance of the streets in the subdivision by Howard County as shown in accordance with the Annotated Code of Maryland.

Donald B. Sackett  
 DONALD B. SACKETT  
 Registered Land Surveyor  
 Md. No. 6059

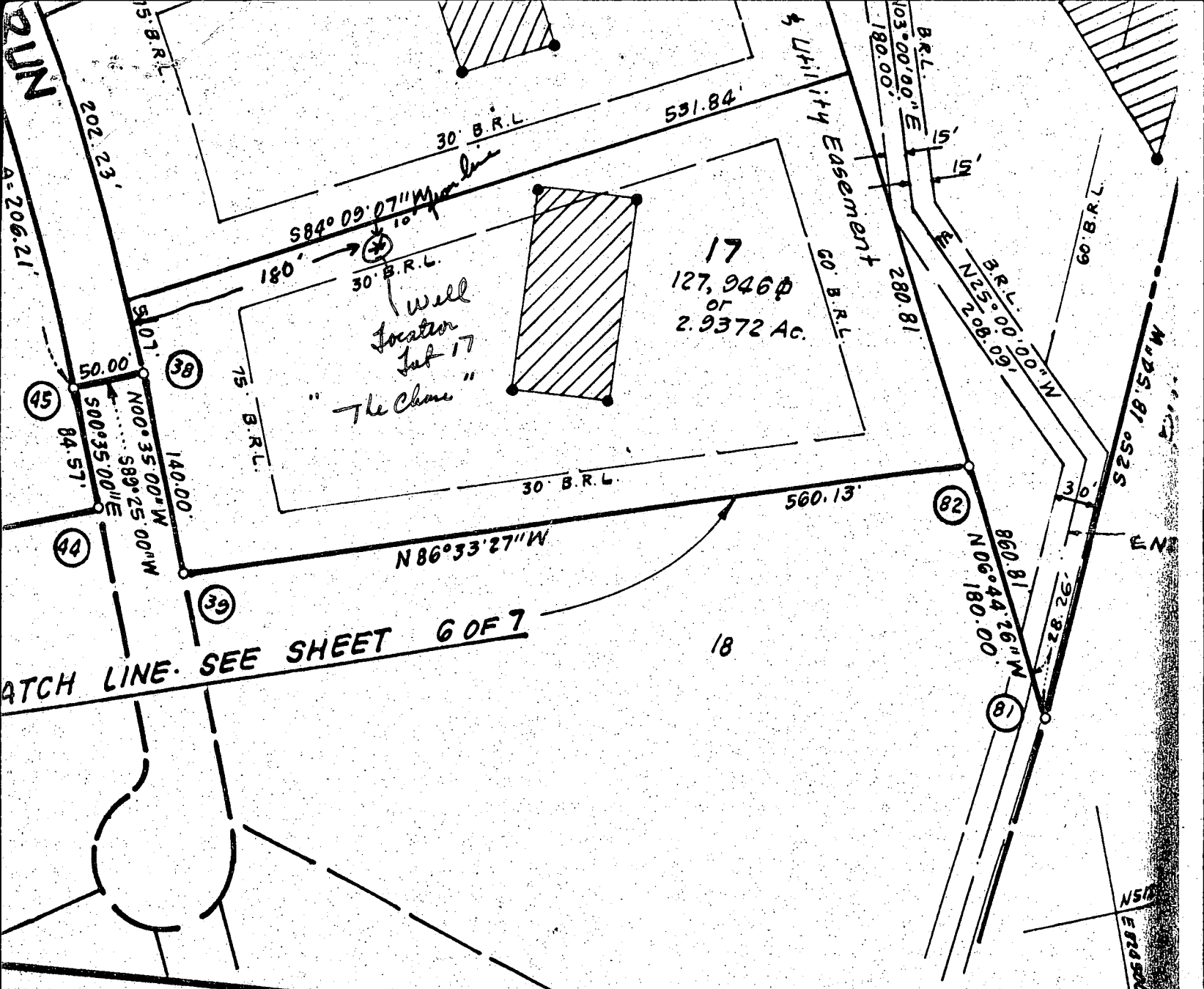
Dec. 18, 1986  
 DATE

RECORDED AS PLAT  
 ON 6/19/81 AMONG THE  
 OF HOWARD COUNTY, MD

**THE CHA**  
**LOTS 1 THRU**

SHEET 4 OF 7  
 TAX MAP NO. 29  
 5TH ELECTION DISTRICT, HOWARD  
 SCALE: 1"=100'

CLARK, FINEFROCK & SAG  
 ENGINEERS PLANNERS  
 7135 MINSTER



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as amended.

Dec. 18, 1986  
 DATE

Donald B. Sackett  
 DONALD B. SACKETT  
 Registered Land Surveyor  
 Md. No. 6059

RECORDED AS PLAT  
 ON 6/19/81 AMONG THE  
 OF HOWARD COUNTY, MD

**THE CHA**  
**LOTS 1 THRU**

SHEET 4 OF 7  
 TAX MAP NO. 29 TAX MAP  
 5TH ELECTION DISTRICT, HOWARD  
 SCALE: 1"=100'

CLARK, FINEFROCK & SAG  
 ENGINEERS PLANNERS  
 7135 MINE







AM  
5-12-89  
1/PM

WJH 50/2

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

5/12 Partial  
↓ C.B.D.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer G. EASTERDAY

Telephone \_\_\_\_\_

License Number 40

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner KAWAJA

Telephone \_\_\_\_\_

Subdivision The Chase Lot # 17

Well Tag # 110-81-2640

Site Address 11649 MASTERS RUN

No work  
10.45%

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible \_\_\_\_\_
- Make \_\_\_\_\_
- Model # \_\_\_\_\_
- Capacity \_\_\_\_\_ 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 \_\_\_\_\_
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220 \_\_\_\_\_

Pitless Adapter

- Make \_\_\_\_\_
- Model # \_\_\_\_\_
- Depth \_\_\_\_\_

Tank

- Capacity \_\_\_\_\_
- Pressure relief valve? \_\_\_\_\_

Piping

- Type \_\_\_\_\_
- Size \_\_\_\_\_
- NSF and/or BOCA Code approved \_\_\_\_\_
- Depth of supply line \_\_\_\_\_

Well data

- Depth \_\_\_\_\_ ft.
- Yield \_\_\_\_\_ GPM
- Static water level \_\_\_\_\_ ft.
- Will water supply be disinfected by installer?

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: \_\_\_\_\_

Date: \_\_\_\_\_

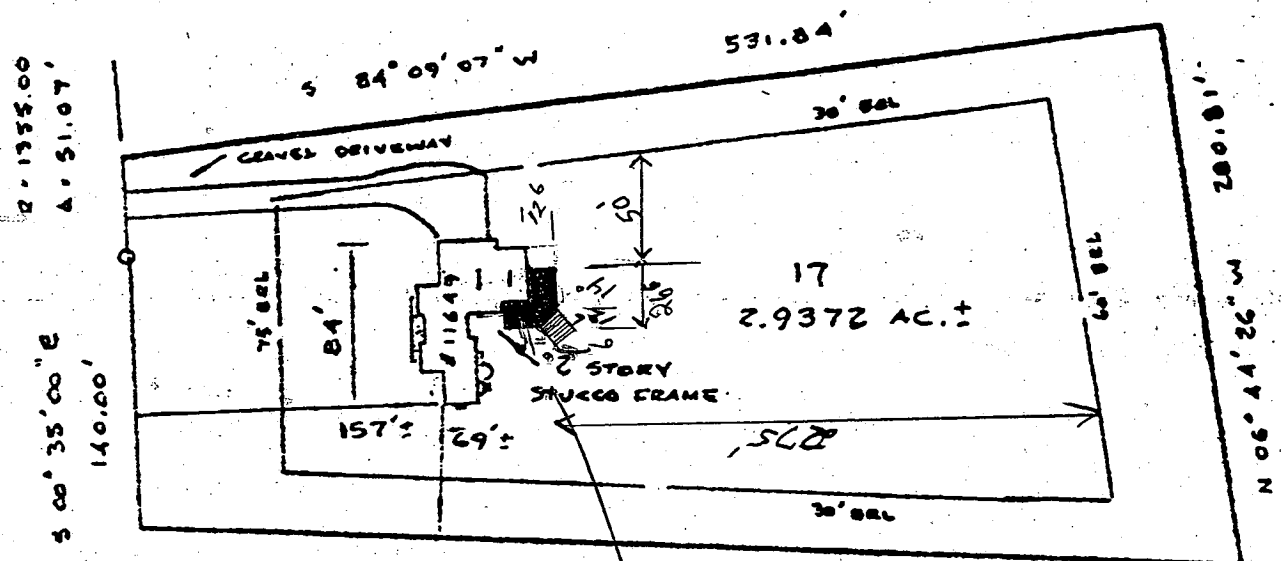
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

\*Hold 2\*  
(Need to see pump + tank)  
5/12/89 Partial - Pitless adapter and well line from house to water well - ok.  
C.B.D.

16

MASTERS RUN  
(50' R/W)



11' FLOOR  
 C/O TO  
 DECK POST  
 9' FLOOR  
 C/O TO  
 STEPS  
 DECK  
 DR ML  
 7/30/92

\*Lots 1 thru 48, Sheet 4 of 7

KAREEM KAWAJA  
 11649 MASTERS RUN RD  
 ELIOTT CITY, MD.  
 730-5456

Subject property is shown in Zone C  
 on the National Flood Insurance Program  
 Flood Insurance Rate Map of HOWARD  
 County, Maryland. Panel # Z76E 45  
 Community Panel # Z40044-00278  
 Effective Date: DEC 4, 1986

*Handwritten signature/initials*

This is to certify that I have surveyed the property  
 known as (Lot No. 17) 11649 Masters Run,  
 as shown on plat entitled The Chase,\*  
 sheet 4 of 7 recorded PLAT 7261 among the  
 Land Records of Howard County, Maryland for the  
 purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE  
 CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS  
 NOT TO BE USED TO ESTABLISH PROPERTY LINES.



J. Carl Hudgins PLS#96

LOCATION SURVEY

11649 MASTERS RUN  
 THE CHASE  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MD.

NTT ASSOCIATES, INC.  
 16205 Old Frederick Road  
 Mt. Airy, Maryland 21771  
 Phone 442-2031

Scale	1" = 100'
Date	MAY 2 1990
Field By	JUM
Drawn By	JUM
Drawing #	X 10556