

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

11/5/90 0 P.C.O.  
A.M. C.B.

P 46281

A 28669

DISTRICT 3rd

DATE 08/24/90

DATE SYSTEM APPROVED 11/5/90

INSPECTOR C.B.

03-308657

Robert Kelly

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE

SUBDIVISION Sand Hill Estates LOT 7 ROAD 2433 Woodstream Court

PROPERTY OWNER Robert Kelly

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144'

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Starting from the right front lot corner, place the distribution box 190' down the right lot line and 110' off this same lot line as seen when facing the lot from Woodstream Court. Run the trench toward the back lot line along level ground.

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

PLANS APPROVED BY Mark Rifkin

cm

DATE Revised 09/11/90

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

A 28669



① 11/5/90 A.M. - Not read on W.P.I. line not in (+?) on P.D. Tread  
② 11/5/90 P.M. FINAL ON W.P.I. & R  
DATE SYSTEM APPROVED 11/5/90 INSPECTOR Charles Henry Throck

SDA  
ADJUSTMENT  
1892.67'

S 34° 31' 02" E

RESTRICTION

100 YEAR FLOOD  
EASEMENT

R FLOODPLAIN  
EASEMENT

SDA approved  
w/ p. 6  
12/10/83  
SM

LOT 7  
4.7 Ac

LOT 6  
30 Ac

LOT 8  
9.5 Ac

BUILDING

20' DRAINAGE EASEMENT

ROAD

LOT 9  
3.1 Ac

LOT 10  
30 Ac

BUILDING

N 16° 44' 55" E  
150.04'

R=225' L=998.63'  
T=222.2-1  
962.2-1  
938.7-1

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

28669

DISTRICT 3rd

DATE 8/9/78

Inlet 3 1/2' max.  
Total depth 5' max.

3' wide

Septic Tank 3 bedroom - 1000 gal  
H " 1250 gal

Tile Field - 145 sq. ft. installed at depth of 4 ft. below orig grade with 1 ft. of stone in trench

Close Tile field in area between 150 ft and 195 ft from front of lot & between 10 and 100 ft from right side trenches to follow contour of ground

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 Sandy Hill Properties Robert T. Kelly 964-0055

ADDRESS \_\_\_\_\_ PHONE Mrs. Trager - 992-7100

PROPERTY LOCATION:

SUBDIVISION Sandy Hill Estates LOT NO. 43 New lot 7

ROAD AND DESCRIPTION Sand Hill Road 2433 Wood Stream Court

SIZE OF LOT 3 acres TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Rose Trager

APPROVED BY G. Keller FOR D. Miller DATE 8/10/78

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

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

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

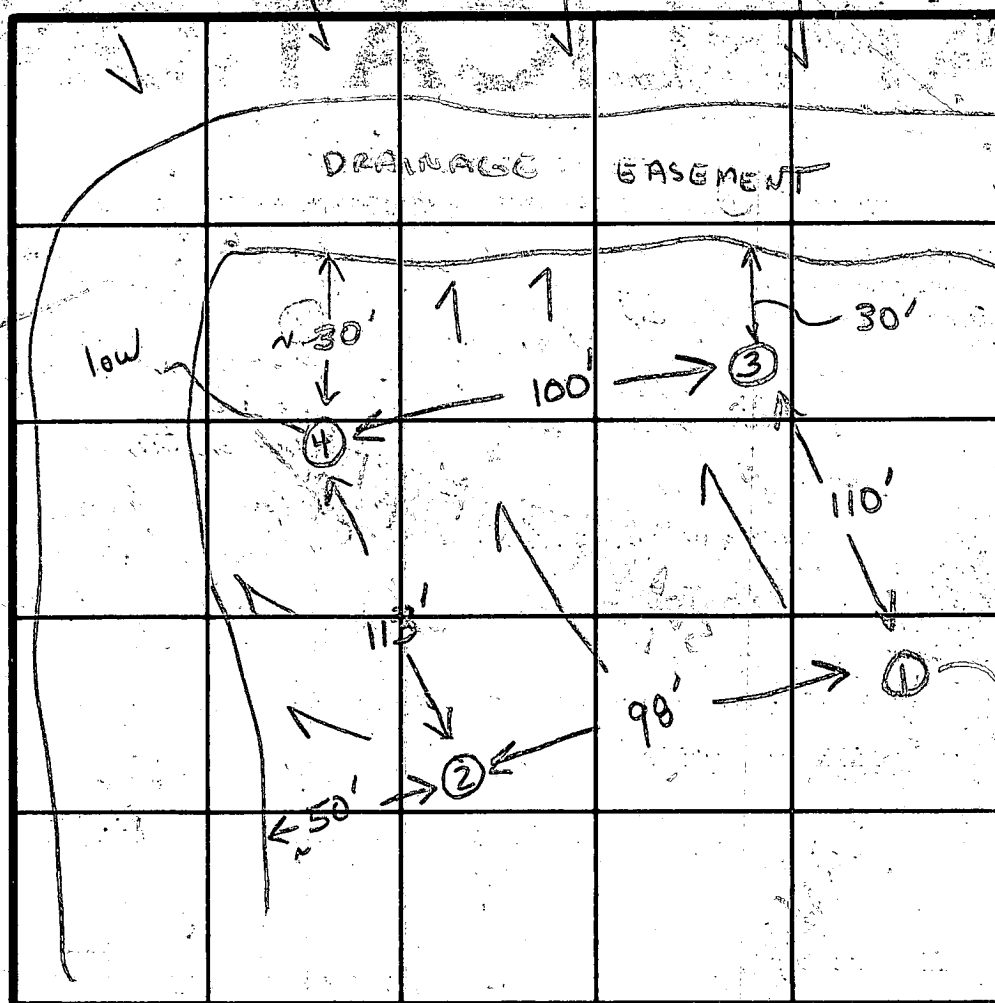
BUDG. PERMIT SIGNED

AND RETURNED

7/31/79  
Smith 27090  
SFD - 4 Bedrooms

## THIS IS NOT A PERMIT

SHALY  
SAND  
(SMALL  
AMTS  
WEATHERED  
SHALE)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SAND HILL RD

[illegible]

Aug = 4.6

inlet 4

MAX 10

heap-~~pack~~ →  
deep

REMARKS

woods - tests by stakes

TYPE OF SOIL

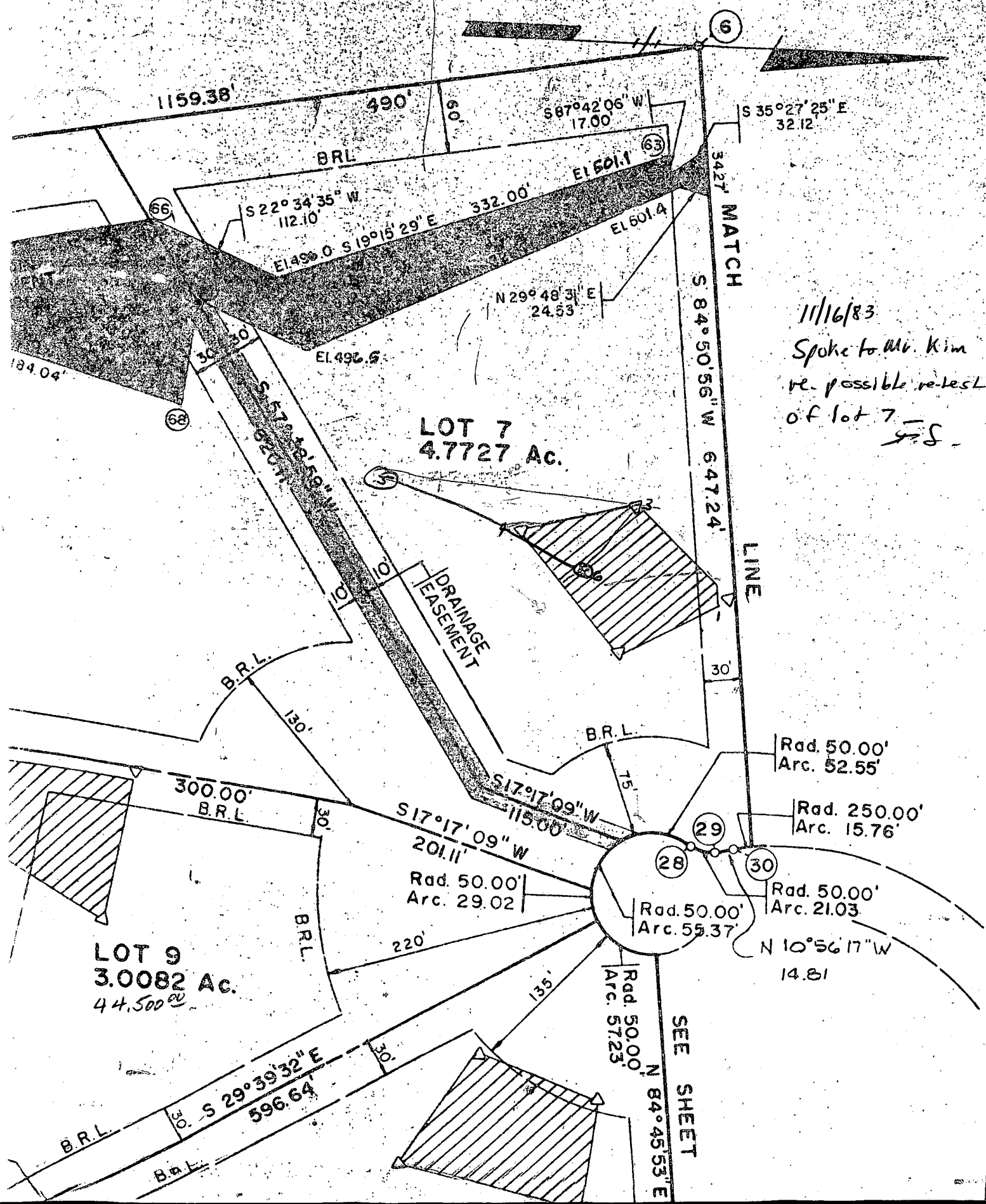
see profile

TESTED BY

GLK

## ALSO PRESENT

R. T. Rasmussen



11/16/83  
Spoke to Mr. Kim  
re. possible re-test  
of lot 7 -  
SS -

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.  
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH  
TIBER PLACE  
8308B FORREST STREET  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

December 23, 1983

Mr. Michael T. Yao  
c/o Sandy Hill Properties  
Woodstream Drive  
Ellicott City, Maryland 21043

RE: Lot 7, Sandy Hill Estates

Dear Mr. Yao:

This office has tentatively approved the new sewage disposal area for the above referenced property.

Before final approval is given, this office is requiring a plan showing the new area established by the recent percolation tests (of December 16, 1983) and the proposed house and water well sites with pertinent elevations of the ground surface in the area of the house and septic system.

I have enclosed information useful in completing the required plan. Please note that the septic system will consist of a septic tank, distribution box, and tile field with 158 sq. ft. of trench bottom area per bedroom. The inlet of the tile field trench will be no deeper than  $3\frac{1}{2}$  ft. below original grade at the highest point of the approved sewage disposal area.

If you have any questions regarding this matter please call me at 992-2330.

Very truly yours,

*Frank A. Skinner*

Frank A. Skinner, Director  
Water and Sewerage Program

FAS:hs

1/11/84 Copy of this letter sent to Bob Ferguson of Caton Realty Inc

Keep for written  
data clarity -  
septic permit  
written  
v. small  
(KN)

# APPLICATION

*Retest*

*12/16/83*  
*2:30 p.m.*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33341

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 11/16/83

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 MICHAEL T. YAO & SE UNG, KIM

ADDRESS SANDY HILL PROPERTIES, WOODSTREAM DR. PHONE 465-9160

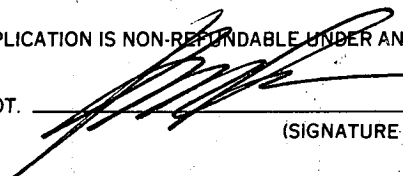
PROPERTY LOCATION:

SUBDIVISION SANDY HILL ESTATES LOT NO. 7

ROAD AND DESCRIPTION LOT NO. 7, WOOD STREAM DR. OFF FROM SANDY HILL RD. RT. 144  
U.S. 40 WEST.

SIZE OF LOT 4.7727 Ac TYPE BLDG. Residence  
(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.

  
(SIGNATURE OF APPLICANT)

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

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

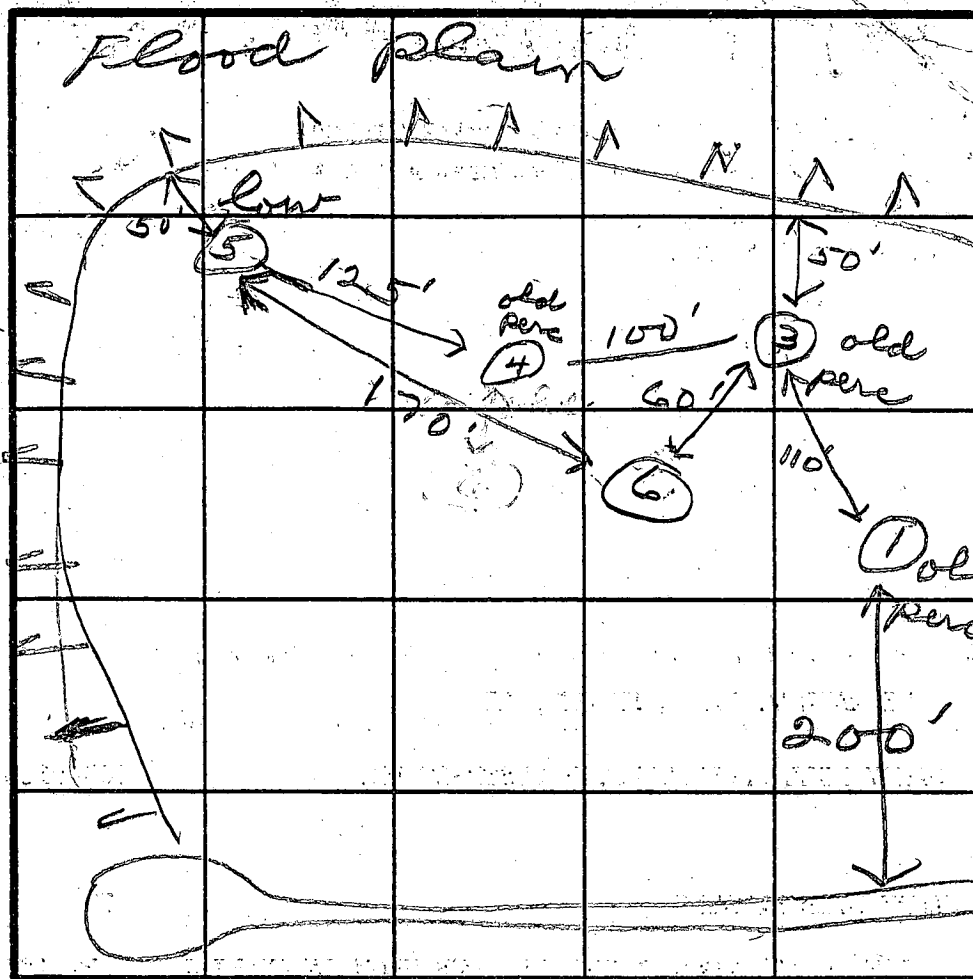
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

Need drawing showing house location  
Inlet 3 1/2' Tile field

# THIS IS NOT A PERMIT



[illegible]

Holes #1 & #6 - same elevation

REMARKS

TYPE OF SOIL

TESTED BY

### ALSO PRESENT

EH-12-1079

REMARKS Lot not stakes. Many holes on lot!!  
Flat flood plain not located properly.  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY JS ALSO PRESENT Ketteman

LOT 7  
4.7727 Ac.

LOT 9  
3.0082 Ac.

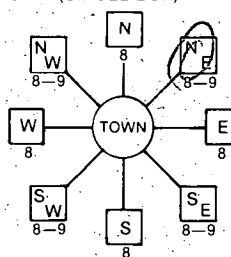
WELL LOCATION

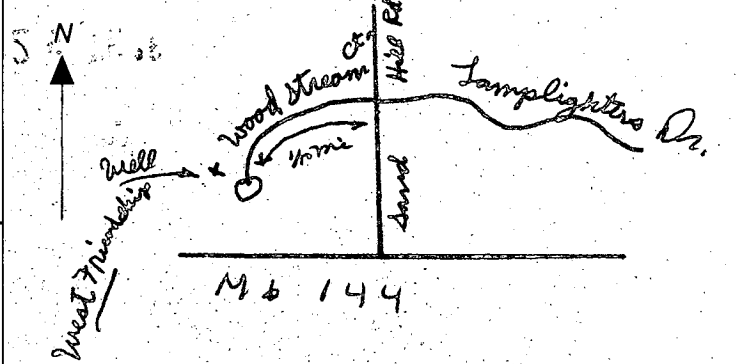
5/21/84 Well site OK

SEE SHEET

Handwritten notes and labels on the map include: "DRAINAGE EASEMENT", "B.R.L.", "MATCH", "SEE SHEET", "5/21/84 Well site OK", and "WELL LOCATION". The map also features various bearings and distances, such as "N 87° 42' 06" W 17.00'", "S 84° 50' 56" W 647.24'", and "N 23° 55' 20" E 96.12'".

EXISTING  
WIDE  
RANGE

B 1 <b>3579</b> (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND <b>5/27/84</b> please print or type PERMIT TO DRILL WELL	OEP PERMIT NUMBER <b>40-81-0536</b> fill in this form completely
Date Received <b>051584</b> <b>9:30 PM Grant</b> OWNER INFORMATION MAZUROWSKI STEVE 1405 ELLIWOODS SEVERN Town State Zip	B 3 LOCATION OF WELL HOWARD 8 COUNTY SANDY HILL ESTATES 23 SUBDIVISION SECTION LOT 7 WESTFRINDSHIRE 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) <b>1 3/10</b> MI	
DRILLER INFORMATION Driller's Name <b>Joseph H. Mayne</b> Firm Name <b>Joseph H. Mayne</b> Address <b>5512 Ridge Rd. Mt Airy, Md. 21771</b> Signature <b>Joseph H. Mayne</b> Date <b>5/15/84</b> 77 License No. <b>80</b>	B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST NEAR WHAT ROAD <b>Wood Stream Court</b> DISTANCE FROM ROAD <b>35</b> FT ENTER FT or MI <b>FT</b>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>500</b>	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A28669 COUNTY NO. OEP SIGNATURE <b>Frank Shinn</b> DATE ISSUED <b>11/21/84</b> CO SIGNATURE EXP. DATE NORTH GRID <b>535000</b> EAST GRID <b>0818000</b>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. 27 bags cement used as for left site for next appl. 5/31/84 WRITE THE BOX NUMBER FROM THE MAP HERE E 810 8 N 530 5 000 000	
APPROXIMATE DEPTH OF WELL <b>200</b> FEET APPROXIMATE DIAMETER OF WELL <b>6</b> 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	REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <b>G A P</b> FORCE <b>FS</b> WRITE INITIALS IN BOX PERMIT No. <b>40-81-0536</b> SPECIAL CONDITIONS		



Review **H9618**

Date MAY 31, 1984

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0536  
Location of property (road) Woodstream Court  
Subdivision Sandy Hill Estates Lot 7 Block        Plat        Sec.         
Well Driller Joseph F. Maune Owner Steve Mazurkowski

Depth of well 303'  
Distance of measuring point (M.P.) above ground 1 1/2'  
Static water level (S.W.L.) below M.P. 10'

Time pump started 8:00 Pumping rate 12 GPM  
Total time 30 min to reach pumping water level 180 ft. below M.P.

[illegible]

C1 3415 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 28669

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

053184

22 303 26  
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37  
40-81-0536

OWNER Ma zurowski Steve  
STREET OR RFD last name wood Stream Court first name TOWN West Friendship  
SUBDIVISION Sandy Hill Estates SECTION LOT 7

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

Brown shale 0 10  
Sand 10 52  
Gray mica rock 52 303

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 33 NO. OF POUNDS 3102

GALLONS OF WATER 198

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30 ft.  
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

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

ST 6 56

OTHER CASING (if used)

diameter inch depth (feet) from to

EACH CASING

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO  
STEEL BRASS OPEN HOLE  
PL OT  
PLASTIC OTHER

C2

DEPTH (nearest ft.)

1 40 54 303  
2  
3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

T (E.R.O.S.) WQ  
70 72 74 75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 10

WHEN PUMPING 181

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

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

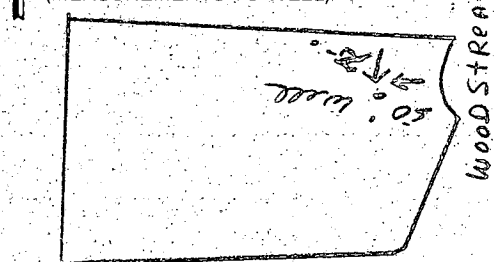
above below

LAND SURFACE

(nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



CIRCLE APPROPRIATE LETTER  
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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

[illegible]