

6-9-95
ASAP 40

04-347293

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50732

A 37531

DISTRICT 4th

DATE 6-8-95

DATE SYSTEM APPROVED 6/9/95

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXXXX~~ 313-2640

INDEXED

Covenant Homes, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS Lot 5-Bishop, P.O. Box 1713 PHONE 410-465-1000

SUBDIVISION The Knolls LOT 5 ROAD 3425 Shady Lane

PROPERTY OWNER Eric & Susan Bishop

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

Add'l on - Propane Tank
BLDG. PERMIT SIGNED
AND RETURNED 9-20-95
Serial # 61836

TRENCHES - 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 - Place the distribution box 230 feet off the front lot line (327.00) and 160 feet off the right lot line (296.05) as seen when facing the lot from Shady Lane.

NOTES - Run trenches on contour toward the back lot line.
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 5/4/95 DKS*

PLANS APPROVED BY Amy McMillen DATE 04/20/95

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)

BLDG. PERMIT SIGNED
AND RETURNED 10/26/00
Garage B00127178

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

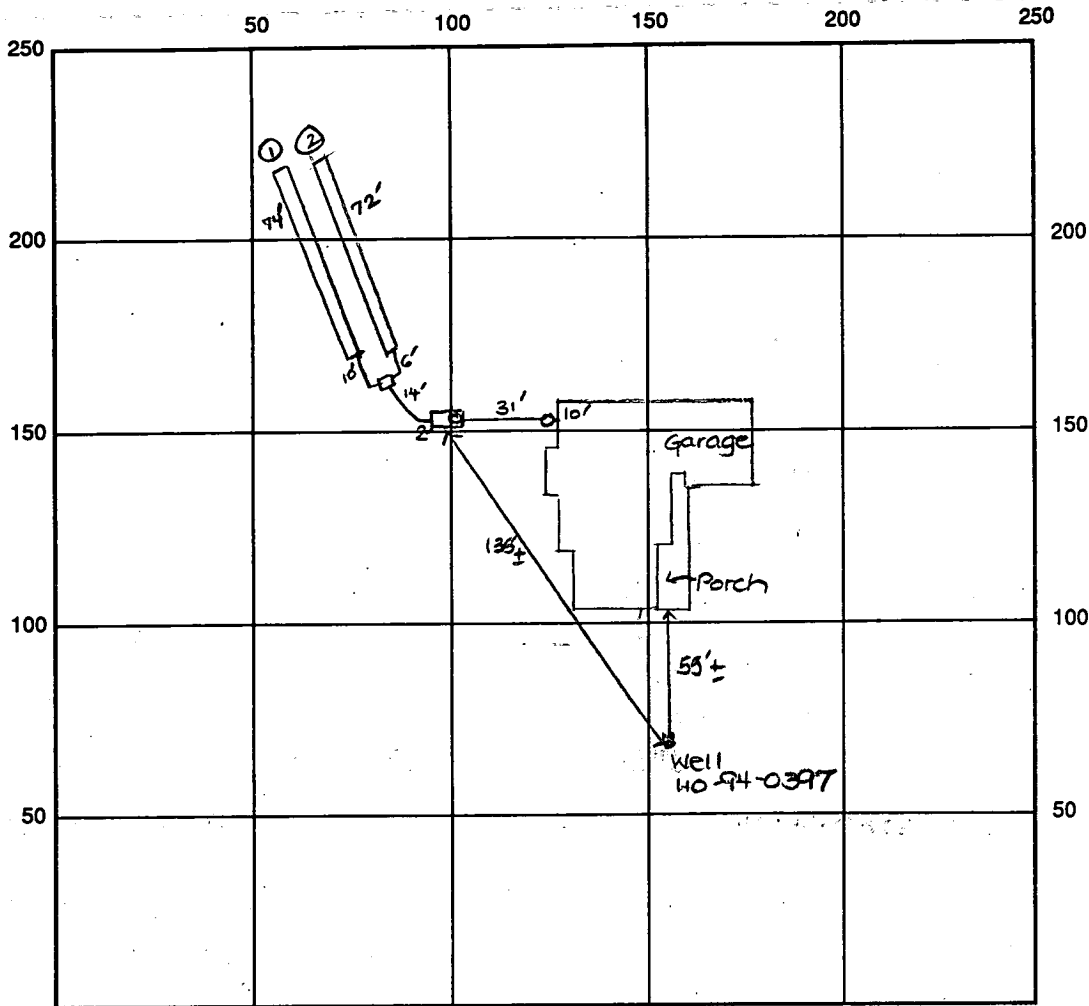
PERMIT VOID AFTER TWO YEARS

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
37531



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Shady Lane

SEPTIC TANK LEVEL 1250 gal OK CLEANOUTS #1 OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 74 FT. = 146 linear ft.
72 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL AREA 730 SQ. FT.

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

ABSORBENT AREA 730 SQ. FT.

REMARKS: 6-8-95 OK to stone trenches Ann

6/9/95 final - OK to cover all work. DKS

DATE SYSTEM APPROVED 6/9/95 INSPECTOR Donna K See

9-20-95 LP TANK, NO
IMPACT TO WELL OR SEPTU
Bela Janyk SANITARIAN

S 03° 37' 42" E

356.97'

S 31° 20' 52" W

LOT 5
3.143 Acres

60' BRL

295'

30' BRL

Distribution Box
Ex. Ground = 556.0
Inv. = 553.0

Inv. = 553.5

Inv. = 553.8

Inv. = 554.3

1500 gal. septic
tank Fin. grade
elev. = 556.5

FF = 562.60
FR = 561.06
B = 553.14

30' R Well

Limits of Disturbance

Macadam Driv

296.05'

563'

75' BRL

BASEMENT DOES NOT
SEWER BY GRAVITY

195'

30' BRL

S 86° 22' 18" W

N 86° 22' 18" E

N 03° 37' 42" W

327.00'

A = 79.69'

R = 325.00'

APPLICATION

SEWAGE DISPOSAL TESTING

A 37531

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT _____

DATE August 15, 1986

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 ~~Justice Tract Joint Venture~~ Eric + Susan Bishop

ADDRESS 12116 Arbie Road, Silver Spring, MD 20904 PHONE ~~752-7878~~ 265-6873

PROPERTY LOCATION: THE KNOLLS
SUBDIVISION ~~Stolen Property~~ NEW 5
LOT NO. 9

ROAD AND DESCRIPTION 3425 Shady Lane, 2,000 ft. south of Burntwoods Road

SIZE OF LOT 3 ac TYPE BLDG. 3
(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]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

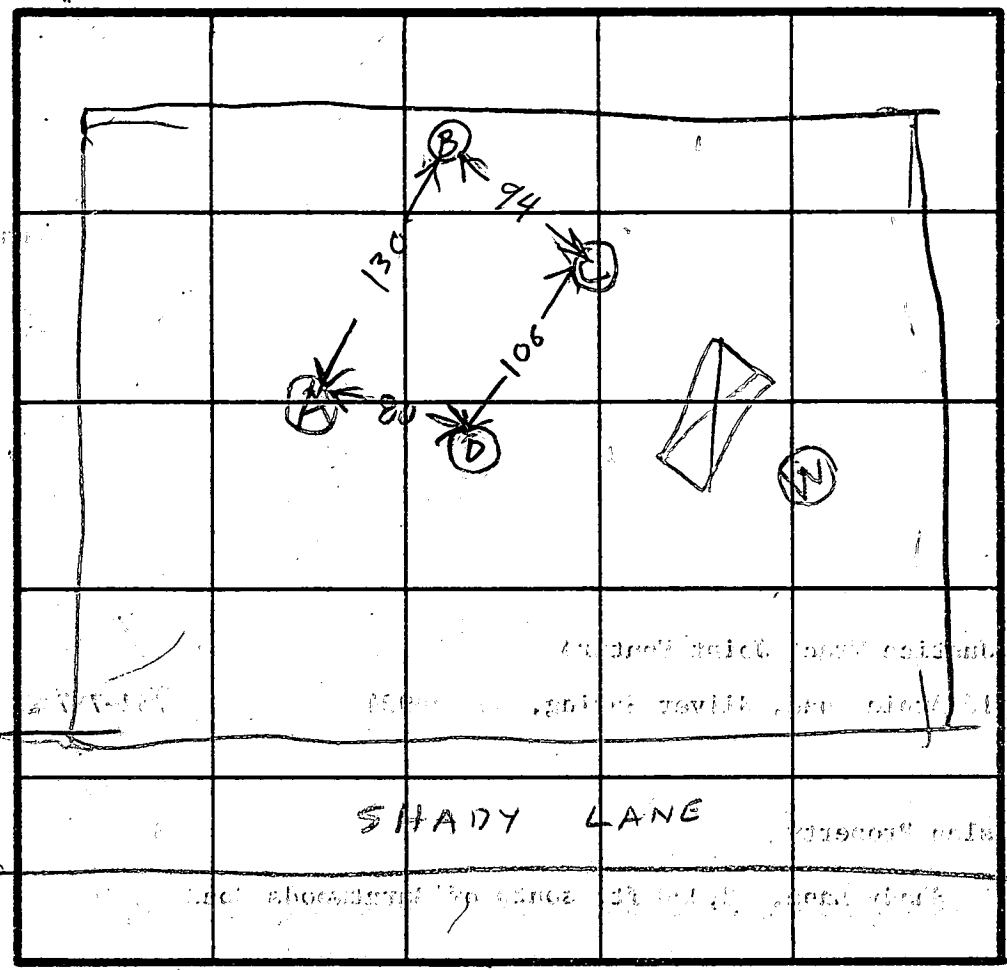
REASONS FOR REJECTION OR HOLDING 10/8/86 PERC OK HOLD FOR PLAT RH
11/5/93 - FINAL PLAT HAS BEEN SIGNED RH

BLDG. PERMIT SIGNED
AND RETURNED 9/20/95
Serial # 59015 - 25 story

THIS IS NOT A PERMIT

~~LOT 3~~ NEW 5

Lot 3



HOLE ELEVATION
 (B)(C) HIGH
 (A)(D) LOW
 all holes almost level

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/8/86	B S	4	1040	1043	1043	1046	3
	B V	13	OK				
	C S	3.5	1054	1055	1055	1057	2
	C D	7.5	1054	1056	1058	1059	3
	C V	12	OK				
	D S	3.5	1105	1110	1110	1113	3
	D V	12	OK				
10/9/86	A S	4	1107	1113	1113	1124	11
	A V	12.5	OK				

air
 Time
 5 min
 Max
 Depth
 2 FT

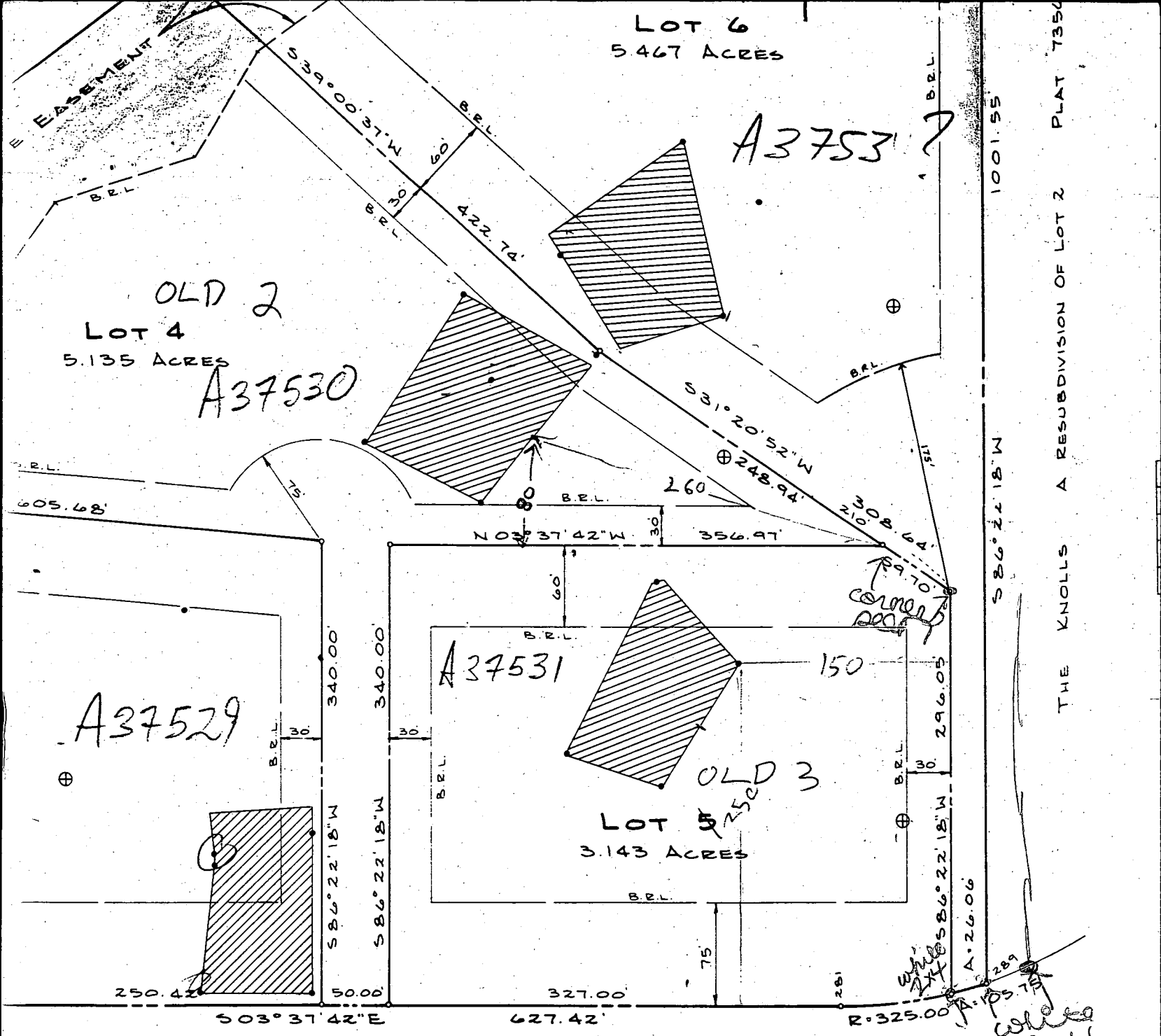
REMARKS HOLES (A)(B)(C)(D) DUG PER SURVEYOR PLAN

TYPE OF SOIL _____

TESTED BY R HODGES

ALSO PRESENT 2 KETTERMAN VS

EH-12-1079



LANE Copy of Signed Final F-88-102

TO HOWARD COUNTY, MARYLAND
ROAD WIDENING IN PLAT 7356

<p>S CERTIFICATE</p>	<p>SURVEYOR'S CE</p>
<p>OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS; (1) THE RIGHT DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE, CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR</p>	<p>I, HEREBY CERTIFY THAT THE PLAN IS CORRECT, THAT IT IS A SUBDIVISION OF BY DEED DATED MARCH 10, 1988 AND LAND RECORDS OF HOWARD COUNTY IN WAS GRANTED AND CONVEYED BY JUST VENTURE TO CAROL McMAHON-THRE ARE IN PLACE OR WILL BE IN PLACE P ACCEPTANCE OF THE STREETS IN THE HOWARD COUNTY AS SHOWN IN ACCO ANNOTATED CODE OF MARYLAND AS</p>

9-20-95 LP TANK, NO
IMPACT TO WELL OR SEPTIC
WELLS SANITARY

S 03° 37' 42" E

356.97'

S 31° 20' 52" W
161°
55.70'

LOT 5
3.143 Acres

60' BRL

295'

30' BRL

Distribution Box
Ex. Ground = 556.0
Inv. = 553.0

Limits of Disturbance

Inv. = 553.5

578

578

Inv. = 554.3

1500 gal. septic tank. Fin. grade elev. = 556.5

FF = 562.60
PR = 561.06
B = 553.14

41°

41°

41°

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41°

41°

30' R Well

100' R

30' BRL

BASEMENT DOES NOT
SEWER BY GRAVITY

195'

N 86° 22' 18" E

N 03° 37' 42" W

A = 79.69
R = 325.0

LANE

SHADY (PUBLIC ROAD)

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 # 50-
Date 7/6/95
Name of Installer Timothy C. Kraws Telephone 747-2293
License Number 3104
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner Eric & Susan Bishop Telephone 265-6873
Subdivision The Knolls Lot # 5 Well Tag # 10-94-0397
Site Address 3425 Shady Lane

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Gld
3. Model # 103510412
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor
1. Horsepower 1
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make Hardnet
2. Model # PT800
3. Depth 46"

Tank
1. Capacity WX250
2. Pressure relief valve? yes

Piping
1. Type Plas
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 46"

Well data
1. Depth 260 ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? NO

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: 6/27/95

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

C 3660

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 37531

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

04/09/5

03/29/95

22 260 26 (TO NEAREST FOOT)

40-94-0397

OWNER Rosenberg last name Simon first name STREET OR RFD Shady Lane TOWN Glenwood SUBDIVISION The Knolls SECTION LOT 5

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include: TOP soil (0-2), red clay (2-3), brown shale (3-10), sand stone (10-22), Mica (22-90), sand stone (90-91), Mica (91-175), Quartz (175-178), Mica (178-260).

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 48 NO. OF POUNDS 800 GALLONS OF WATER 40 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 26 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 30

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED yes [Y] no [X]

C2 DEPTH (nearest ft.) 1 170 28 260 2 E A C H S C R E E N 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W O 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 WHEN PUMPING 50 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) SHADY LANE well 30' Side line

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework, if different from permittee)

COUNTY

EMERGENCY/TEMP NO. IF ANY

B 1 **1439**
SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS: 3-6 ON ALL CARDS)

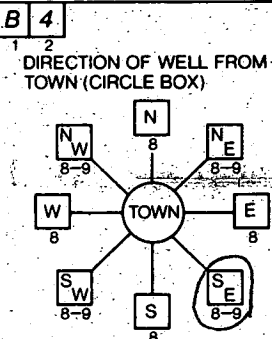
STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-94-0397
70 fill in this form completely 79

Date Received (APA) **022795**
OWNER INFORMATION
ROSENBERG SIMON
12116 ARBIE RD
SILVER SPRING MD 20904

B 3 LOCATION OF WELL
HOWARD
THE KNOLLS
GLENWOOD
MILES FROM TOWN (enter 0 if in town) **1 MI**

DRILLER INFORMATION
George Easterday
L. F. Easterday Inc.
Mt. Airy Md 21771
George L. Easterday 2-22-95



B 4 SHADY LANE
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD **200 FT**

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) **5**
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A 37531
COUNTY NAME COUNTY NO
DATE ISSUED **031695**
CO SIGNATURE **Donna J...** EXP DATE **03/16/96**
NORTH GRID **525000** EAST GRID **0795000**

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)

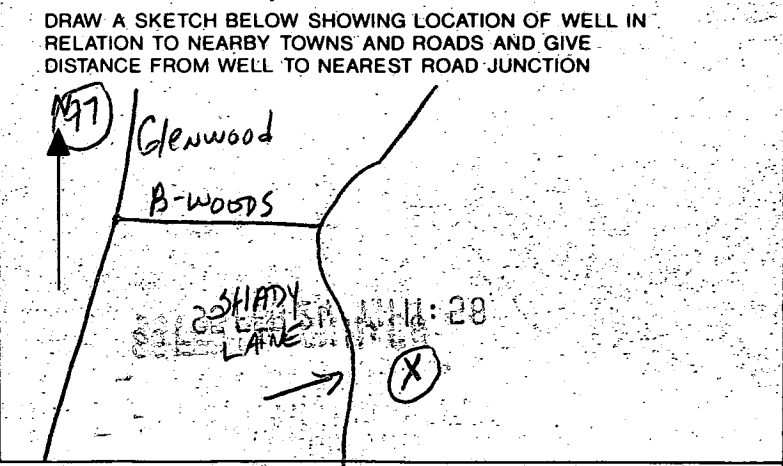
APPROXIMATE DEPTH OF WELL **200** FEET

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
7905
5205
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

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
other

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEAN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER **G A P**
FORCE **DS** PERMIT No. **40-94-0397**

SPECIAL CONDITIONS **PH-301-622-0646**
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

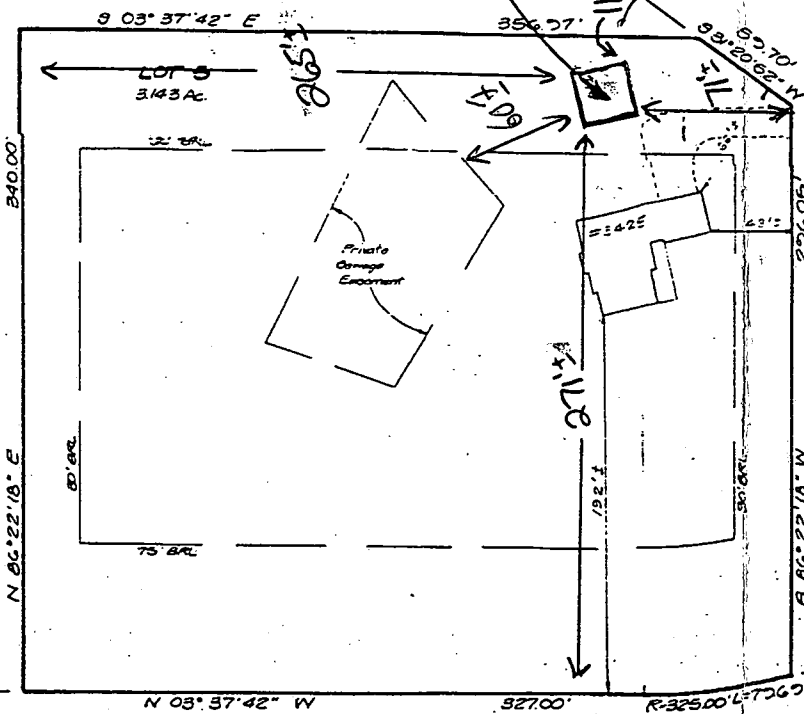
NOTE: This Lot lies in an area classified as Zone C, area of minimal flooding as shown on FIRN MAP of HOWARD County, Maryland, Community Panel Number 240044 0020 B, Panel 20 of 45 dated December 4, 1986.

CONSUMER INFORMATION

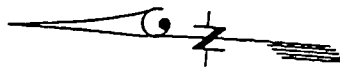
- 1) This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
- 3) This 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 for securing financing or refinancing.

Well Check: 5-10-95
 F.R. Elev.: 563.0
 Final: 2-28-96

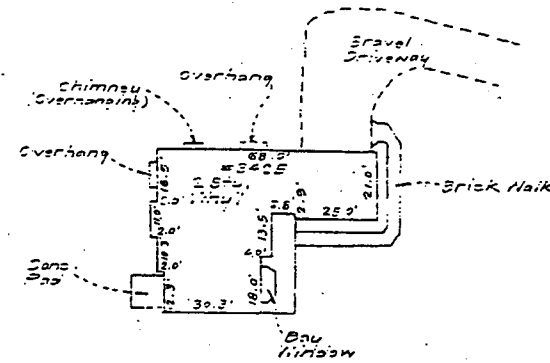
Mr. Eric Bishop
 3425 Shady Lane
 Glenwood MD 21738
 (410) 442-0009



Proposed garage has no impact to well or septic



On site 10/26/00



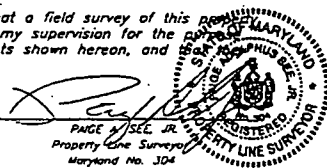
OLC

P.X

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this plat has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.

9-28-95
 DATE



NOTE:
 1. Setback Distance Accuracy = 1"±

Plat Reference: Plat No. 7734

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED	LOCATION DRAWING 3425 SHADY LANE	SCALE 1"=40'
DRAWN PS	LOT 5 THE KNOLLS	DRAWING
CHECKED PAS	LOTS 8-G A RESUBDIVISION OF LOT 1 PLAT 7356 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE 9-28-95	For: COVENANT HOMES P.O. Box 1713 Ellicott City, Md 21041	FILE NO. 95-057-0