

12/29/88 2130

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED
04-345185

P 43053

A 31277

DISTRICT 4th

DATE 11/21/88

DATE SYSTEM APPROVED 12/29/88

INSPECTOR M. Rifkin

Paul Schissler, South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION Patapsco Overlook ROAD 700 Weller Drive LOT 47

PROPERTY OWNER Samuel Spicknall

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 228 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from right front lot corner, place 1st trench 420 feet down the right (626') lot line and 80 feet off the right line as seen when facing property from Weller Drive. Run trenches along contour towards the left lot line.

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 Bert Nixon DATE 4/01/87

COVER NO WORK UNTIL INSPECTED AND APPROVED

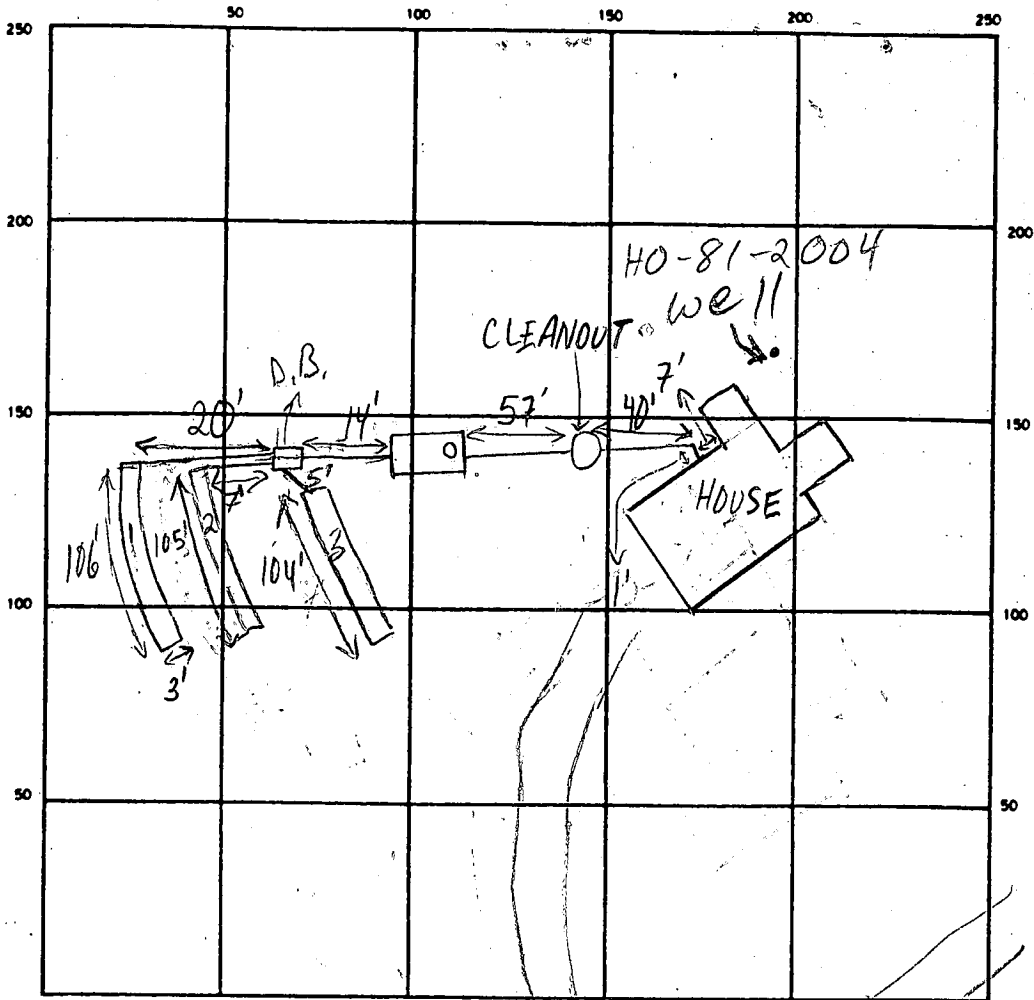
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

- 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 APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 31277



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

WELLER DR

SEPTIC TANK LEVEL OK (5' x 10') CLEANOUTS OK; INCLINE CLEANOUT BETW. HOUSE & TANK

DISTRIBUTION BOX LEVEL Baffle OK

DRAINAGE/TILE FIELD DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 1/2 FT. TOTAL LENGTH 300 + 315 = 615 FT.

NUMBER OF TRENCHES 3 ~~GRASSY~~ / BOTTOM AREA 300 SQ. FT. 945

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET 2 1/2 FT.

ABSORBENT AREA 945 SQ. FT.

REMARKS 12/29/88 FIRST TRENCH DUG & STONED, HOUSE CONNEX. COMPLETE. TRENCHES STONED & PAPERED; OK TO COVER ALL WORK MR.

DATE SYSTEM APPROVED 12/29/88 INSPECTOR M. Riskin

138
228
9/12

4/1/87

PATAPSCO OVERLOOK

A 31277

SUBDIVISION:

SEC 3

LOT NUMBER:

47

WELLER DRIVE

DRY WELL OR DRY WELL AND TRENCH

sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	
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 3 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 5 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

2 feet of stone below distribution pipe.

187 sq. ft./bedroom
228 with garbage
4 Bed - w/ garbage
Schuster

- 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 absorbent sidewall area by 22%.

LOCATION: SHALLOW SYSTEM ONLY.

BEGINNING FROM RIGHT FRONT LOT CORNER, PLACE 1ST TRENCH 420' DOWN THE RIGHT (625') LINE AND 80' OFF THE RIGHT LINE AS SEEN WHEN FACING PROPERTY FROM WELLER DRIVE. RUN TRENCHES ALONG CONTOUR TOWARDS THE LEFT LOT LINE.

PRELIMINARY

APPLICATION

~~27 104~~
A 31277

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 3/27/81

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 Georgia Avenue Properties, Inc. Samuel Spicknall
Jack Boender

ADDRESS 13638 Georgia Avenue, Wheaton, Md. 20906 PHONE 465-7777

PROPERTY LOCATION: PATAPSCO OVERLOOK III

SUBDIVISION Georgia Avenue LOT NO. ~~NEW LOT 16~~ NEW LOT 47
AS FINAL PLAT

ROAD AND DESCRIPTION Route 94 and Old Frederick Road 700 Weller Dr.

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms
(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. /s/ Jack Boender for E. Brooke Lee, III
(SIGNATURE OF APPLICANT)

APPROVED BY E.D. Abel FOR Deep trenches DATE 5-13-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

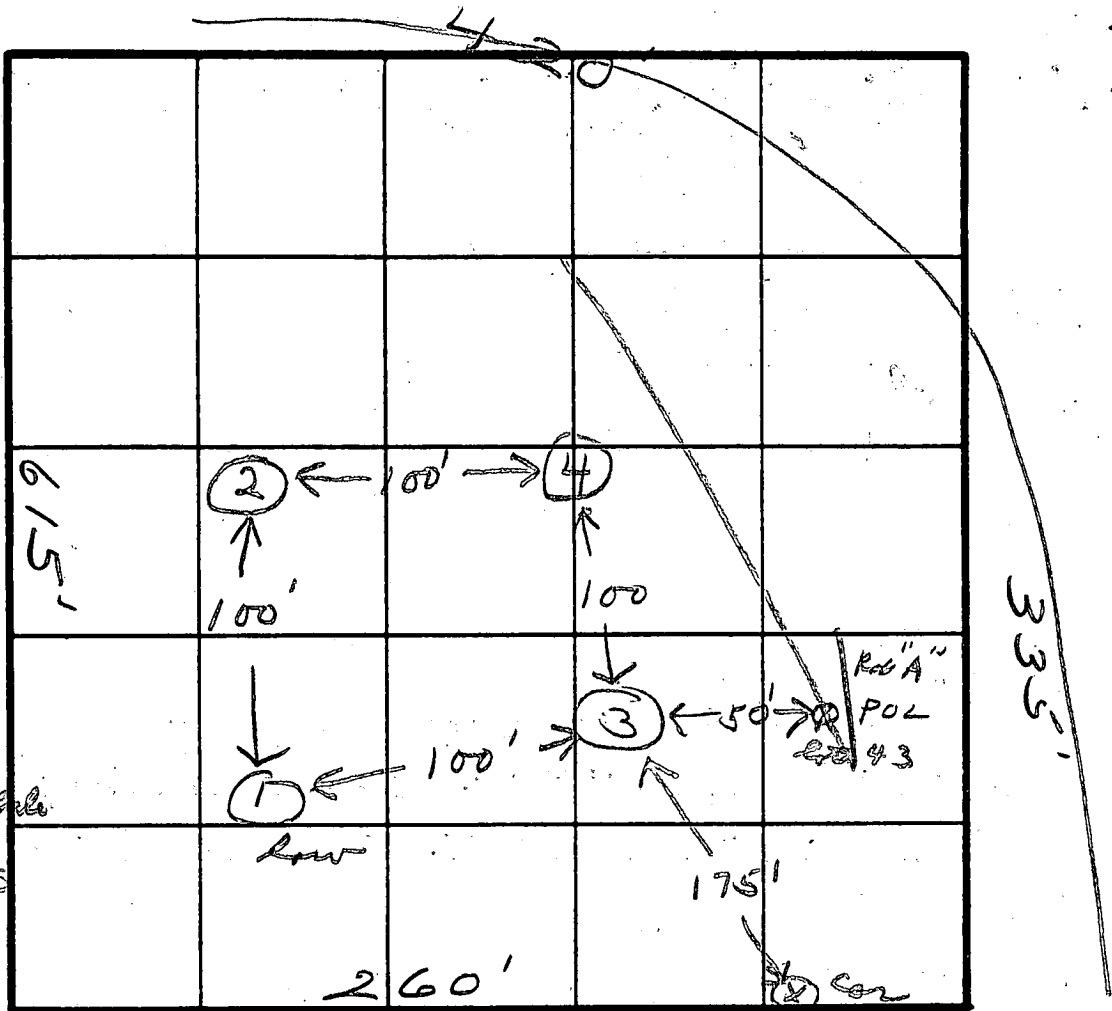
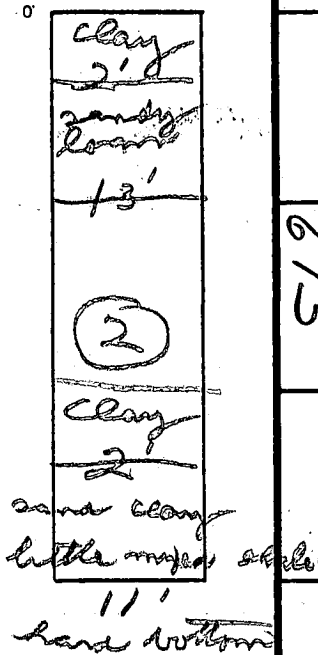
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 5-13-88
BP 18522 SKW

THIS IS NOT A PERMIT

New 16
LOT 43

①
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

43-

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/81	1S	4'	2:54	2:56	2:56	3:03	7
	1M	8'	2:54	2:56	2:56	3:00	4
	2S	3 1/2'	3:00	3:04	3:04	3:07	3
	2M	8'	3:00	3:15	3:15	3:41	26
	3S	4'	3:09	3:11	3:11	3:15	4
	3M	8'	3:09	3:12	3:12	3:16	4
	4V	11'					

3'-inlet

8'-man

④
clay
3'
sandy clay
mixed shale
at 11'

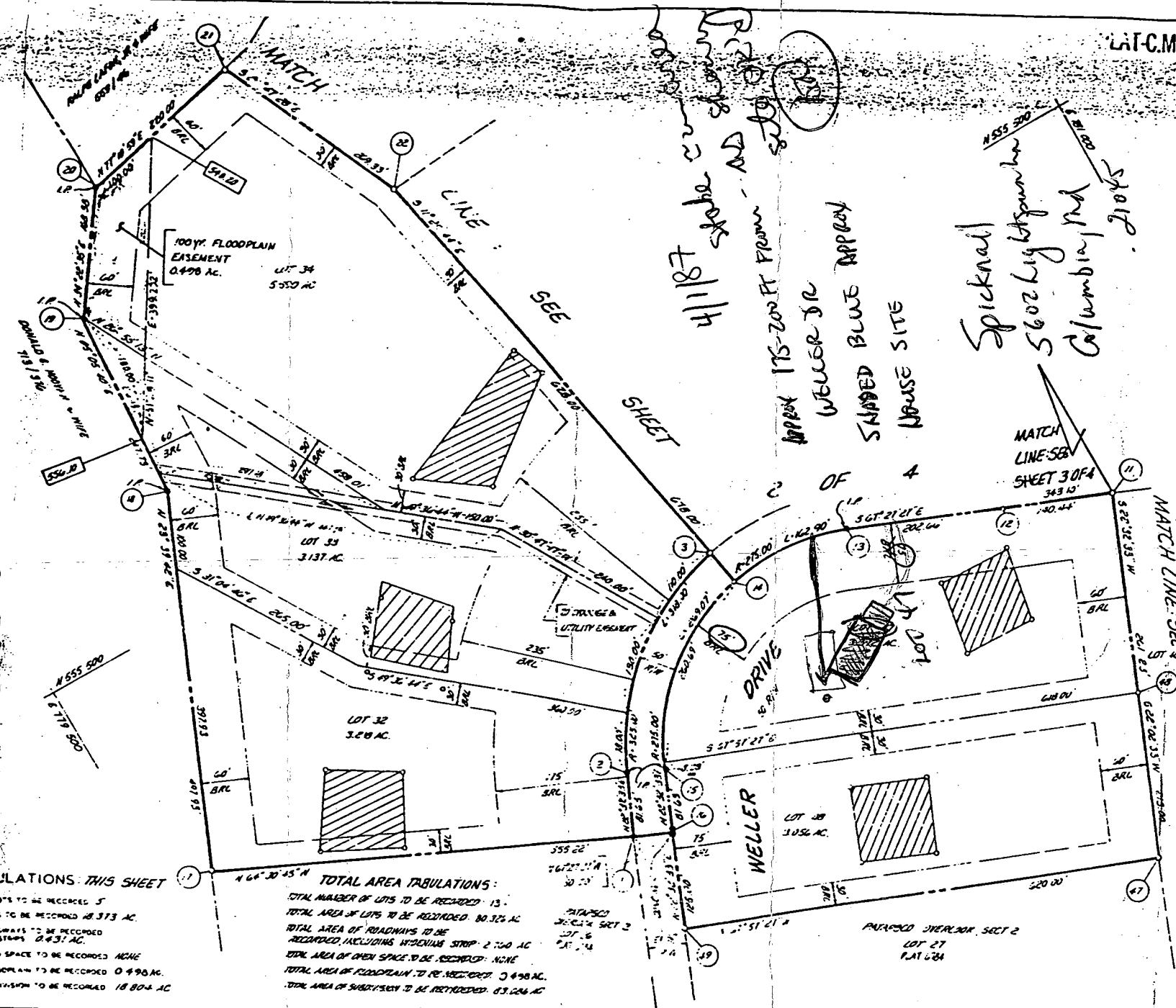
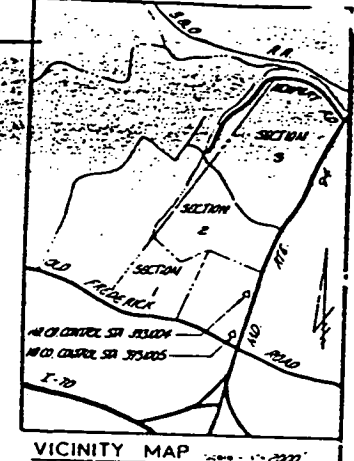
EH-12-1079

REMARKS _____

TYPE OF SOIL _____

TESTED BY JS ALSO PRESENT Richard Lee

LAT-C.M.P. NO. 6896



41187 stake current location
 APPROX 175-200 FT FROM SETBACK
 WELLS DR
 SHADED BLUE APPROX HOUSE SITE
 Spicknall
 5602 Lightspan Ln
 Columbia, Md
 21045

GENERAL NOTES

1. This plat shows 2 lots, PARCEL 32.
2. The lots are shown as 429/714.
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AREA TABULATIONS - THIS SHEET

TOTAL NUMBER OF LOTS TO BE RECORDED: 5
 TOTAL AREA OF LOTS TO BE RECORDED: 18,373 AC.
 TOTAL AREA OF ROADWAYS TO BE RECORDED, INCLUDING SIDEWALK STRIPS: 0.431 AC.
 TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE
 TOTAL AREA OF FLOODPLAIN TO BE RECORDED: 0.498 AC.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 18,804 AC.

TOTAL AREA TABULATIONS:

TOTAL NUMBER OF LOTS TO BE RECORDED: 13
 TOTAL AREA OF LOTS TO BE RECORDED: 10,325 AC.
 TOTAL AREA OF ROADWAYS TO BE RECORDED, INCLUDING SIDEWALK STRIPS: 2.700 AC.
 TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE
 TOTAL AREA OF FLOODPLAIN TO BE RECORDED: 0.498 AC.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 13,524 AC.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

OWNER'S STATEMENT

SURVEYOR'S CERTIFICATE

STATE DEPT. OF ASSESSMENTS & TAXATION
 HOWARD COUNTY
 RECEIVED BY: *Cheryl D. Gray*
 DATE: 9/27/86 PLAT: _____

OWNER
 GEORGIA AVENUE PROPERTIES, INC.
 13838 GEORGIA AVENUE
 WHEATON, MD 20916

RECORDED AS PLAT _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

B 1 1707

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-2004

fill in this form completely

Date Received

032487

OWNER INFORMATION

15 Last Name: SLOKOWSKI, 34 Owner: Sam, 34 First Name

36 Street or RFD: 1705 LIGHTSPEED Lane, 55

57 Town: Columbus, 70 State: MD, 72 Zip: 21705, 76

DRILLER INFORMATION

Driller's Name: Bernard Feizer, 77 License No.: 8170

Firm Name: Bernard Feizer, 1109 Fred. Rd. Lisbon Md

Address: 121705

Signature: Bernard Feizer, Date: 12/1/87

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 3

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)

APPROXIMATE DEPTH OF WELL: 250 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jettied & DRIVEN
AIR-ROTary
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTary
Drive-POINT
other

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER: GAP

FORCE: 2, PERMIT NO.: 40-81-2004

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

Howard, 8 COUNTY

Catonsville Overlook, 23 SUBDIVISION

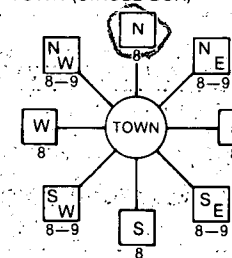
SECTION 3, LOT 47

Lisbon, 52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): 1 MI

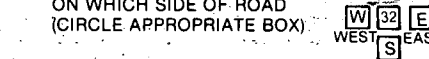
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Weller Drive, 11 NEAR WHAT ROAD, 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD: 220

ENTER FT or MI: FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard, A 31277

COUNTY NAME, COUNTY NO., OEP SIGNATURE, STATE HEALTH INSERT S

DATE ISSUED: 040387, CO-SIGNATURE: B. Feizer, EXP. DATE: 10/03/87

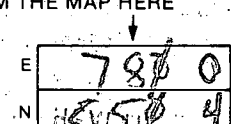
NORTH GRID: 554000, EAST GRID: 0780000

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

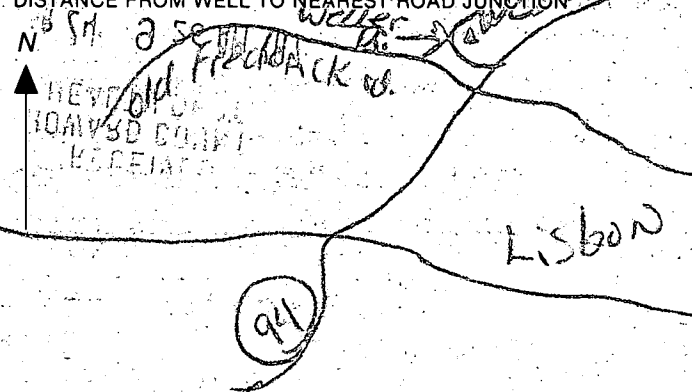
SOURCES OF DRILLING WATER

- 1.
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



C1 2337 (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 31277

DATE Received [] DATE WELL COMPLETED 06/28/87 Depth of Well 250 (TO NEAREST FOOT) PERMIT NO. HC-81-2004

OWNER SPICKNALL SAM first name STREET OR RFD WELLS DRIVE TOWN LISBON SUBDIVISION PATAPSCO OVERLOOK SECTION LOT 47

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
	FROM	TO	
Top Soil	0	1	
Light Brown Soil x shell	1	42	
gray shell	42	52	
gray slate	52	65	✓
white & gray rock	65	250	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 16 NO. OF POUNDS 1504

GALLONS OF WATER 96

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 48 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 55

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

SCREEN RECORD

screen type or open hole ST BR HO

STEEL BRASS BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

SLOT SIZE 1 2 3

DIAMETER OF SCREEN [] (NEAREST INCH)

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 OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 03

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE 19a1

WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 60

TYPE OF PUMP USED (for test) 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

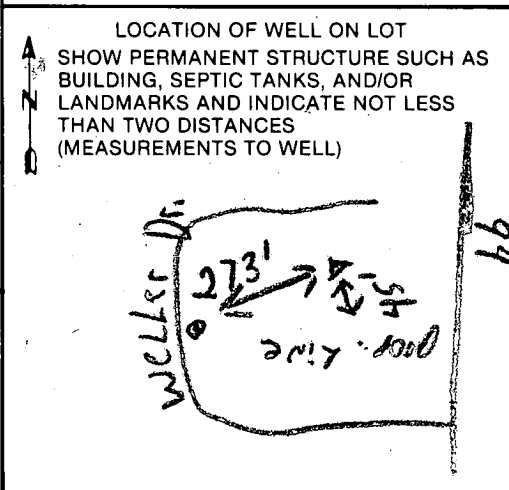
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER, 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE, 49 (nearest foot) - below }



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. 270

DRILLERS SIGNATURE [Signature]

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

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 # 4/31/89
 Date 1/19/89
 Name of Installer WFE & Son Plumbing & Htg. Inc. Telephone 301-795-0331
 License Number 2270-MD
 Certified Well Pump Installer Well Driller Registered Plumber
 Name of Property Owner Spicknall, Samuel Telephone 854-3517
 Subdivision Patapsco Overlook Lot # 47 Well Tag # 40-81-2004
 Site Address 700 Weller Drive

Pump
 1. Type
 a. Deep well jet No
 b. Shallow well jet No
 c. Submersible
 2. Make Goulds
 3. Model # 7E1107422
 4. Capacity 7 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 3/4
 2. RPM N/A
 3. Voltage _____
 a. 110 _____
 b. 220

Pitless Adapter
 1. Make Campbell
 2. Model # B10X
 3. Depth 3' approx

Tank
 1. Capacity 82
 2. Pressure relief valve?

Piping
 1. Type 160#
 2. Size 1"
 3. NSF and/or BOCA Code approved
 4. Depth of supply line 250

Well data
 1. Depth 250 ft.
 2. Yield 10 GPM
 3. Static water level 35 ft.
 4. 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: Linda J. Inazu (Secretary)
 Date: Feb. 2, 1989

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