

9-26-96 \$180. FEE PAID, CHECK 3016

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

02-206781

P 57296
NEW SEWIC
A REPAIR

DISTRICT 2nd

DATE 9-27-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED _____

INDEXED

INSPECTOR _____

Jenkins Brothers _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 7670 Smith's Private Road, Sykesville, Maryland 21784 PHONE 461-9282

SUBDIVISION _____ LOT _____ ROAD 4194 New Cut Road

PROPERTY OWNER Bill Eklof

ADDRESS 4194 New Cut Road
Ellicott City, Maryland 21043

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 2

216 SQUARE FEET PER BEDROOM

SEDD. PERMIT SIGNED
AND RETURNED 9/27/96
Serial # B00102275
1-Story addition

LINEAR FEET OF TRENCH REQUIRED 85 USING 3' WIDE BUCKET

REPAIR - PURPOSE - IN SUPPORT OF BUILDING PERMIT APPLICATION NUMBER: B00102275 FOR AN ADDITION. (2 bedrooms and 1 bath)

INSTALL: 1-1000 Gallon Septic Tank - Trench Specs and Location To Be Determined.
CALL FOR INSPECTION BEFORE BEGINNING ANY EXCAVATION.

85' TRENCH STARTING AT TANK - RUN ON CENTER TOWARD HIGH TEST HOLE
EFFECTIVE AREA BEGINS AT 7' MAX BOTTOM DEPT 11'
6' STONE BELOW DIST. PIPE. 9/26/96 H.S.

PLANS APPROVED BY Glen Savage DATE 09/25/96

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

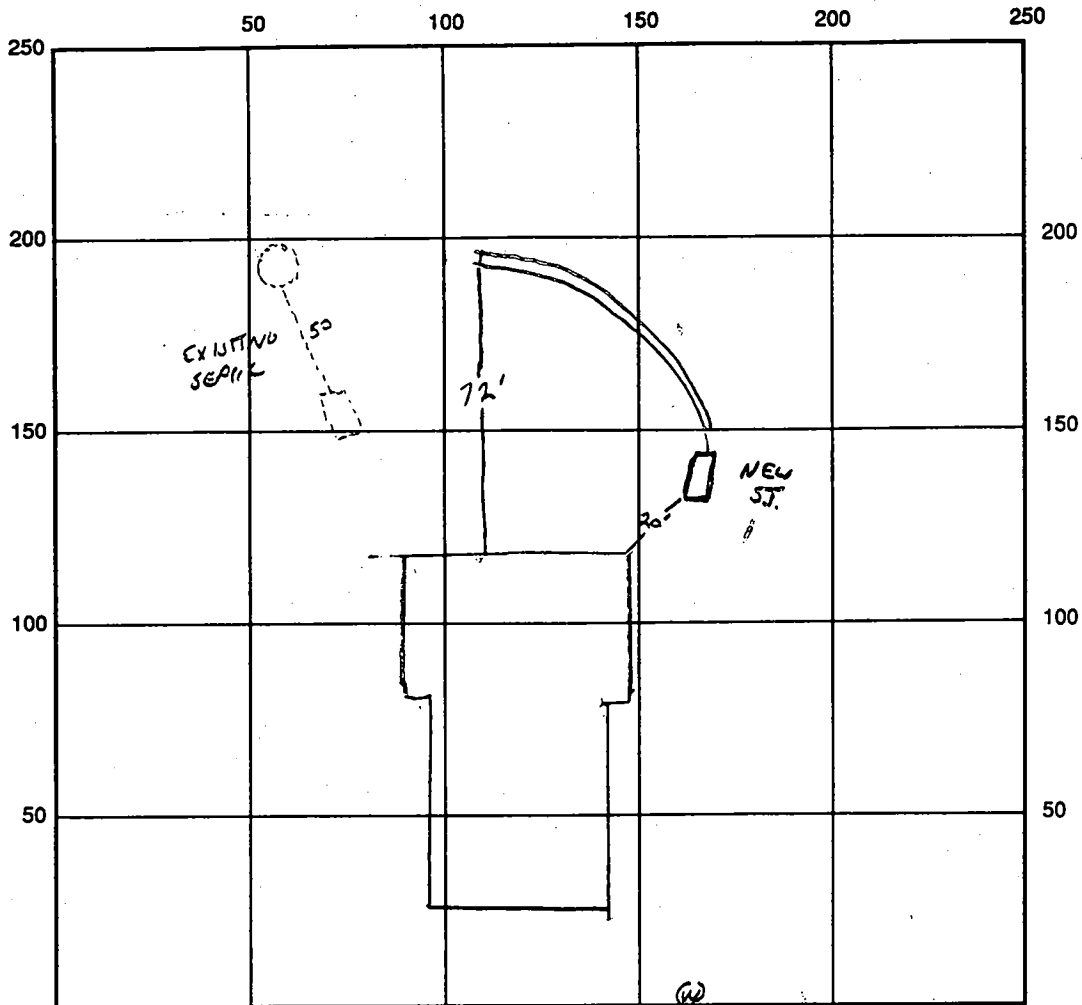
PERMIT VOID AFTER TWO YEARS

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**

P 57296



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL NA

DRAIN FIELD/TITLE DEPTH 11 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 94 FT.

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

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

ABSORBENT AREA - SQ. FT.

REMARKS: 9-26-96 TANK SET, OK TO COVER, OK TO COMPLETE TRENCH,
LEAVE ENDS OPEN WORK OK TO COVER NEEDS HOUSE CONNECTION
FOR FINAL - CONTRACTOR NOTIFIED - *[Signature]*

12/10/99 No pump performance test as of this date - file indexed
system not approved *[Signature]*

DATE SYSTEM APPROVED _____ INSPECTOR _____

APPLICATION

PERCOLATION TESTING
*ADDITION OF SEPARATE
NEW SEWER SYSTEM
TO SERVE 2 BDRM
ADDITION*

A _____
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____
DATE 9-26-96

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 BILL EKLOE

ADDRESS 4194 NEW CUT ROAD PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SAME LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT ± 27 ACRES TYPE BLDG. _____
SEW. EXISTING 1 Bath
1 Story Addition - 2 Bedrooms
Serial # BM102275
AND RETURNED 9-27-98
SEWER PERMIT SIGNATURE

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 _____

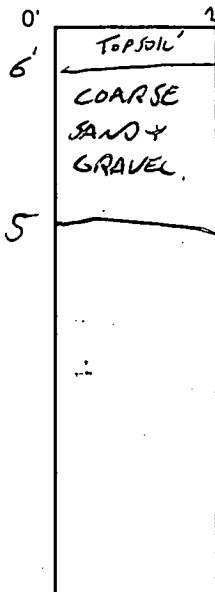
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

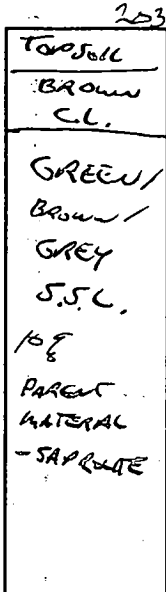
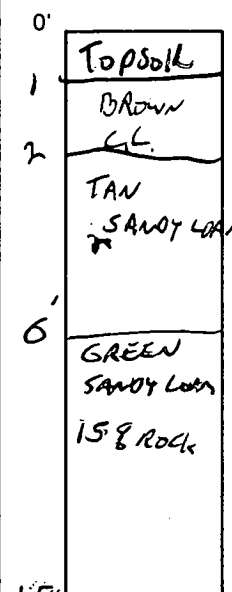
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

36
 45
 51 80
 18
 30
 42
 51 210
 20
 10

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-26-96	201	4' / 12"	10:37	11:05	11:05	12:03	13 MIN
	202	FAIL - SAND + GRAVEL					
	203	VISUAL	OK 4-9				
	201	9'	11:58	12:03	12:03	12:16	13 MIN
	204	6'	11:32	TOO SLOW			
	204	7'	11:49	11:54	11:54	12:09	15 MIN
	205						

REMARKS _____

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT JENKINS BROS. OWNER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 14 MIN TRENCH WIDTH 3

INLET DEPTH 7 MAXIMUM BOTTOM DEPTH 11 SQ. FT./BEDROOM 210



HOWARD COUNTY HEALTH DEPARTMENT

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

Date September 27, 1996

MEMORANDUM

TO: Herman Raitt & Son Contractors
14 Graywood Road
Baltimore, Maryland 21222

FROM: Glen Savage, Sanitarian *GS*
Water And Sewer Program
Bureau of Environmental Health

RE: Building Permit Application Number: B00102275

Proposed Use: 1 Story Addition

Address: 4194 New Cut Road
Ellicott City, Maryland 21043

NOTIFICATION OF HOUSE CONNECTION REQUIREMENT

Installation of your septic system has been satisfactorily completed, however, final approval of your septic system will be delayed until the Health Department has verification of a sewer connection between the house and the septic system.

Please contact this office as soon as the work is completed to arrange for an inspection. Occupancy approval could be delayed if this inspection is not completed in a timely manner.

Thank you for your cooperation in this matter. If there are any questions, please contact this office at 313-2640.

GS:jr

cc: Bill Eklof
File

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

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

B 00102275

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

4194 New Cot Rd. Ellcott City 21043

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

1 story addition - claw space
Creating 2 bedrooms + 1 bath

LOT NO. PARCEL NO. SEC. AREA BLOCK NO. LIBER. FOLIO

N/A 71 - - 20 - -
SUB DIVISION ZONE ZONE MAP ELEC. DIST. CENSUS TR.
N/A RED 25 2 6026

OWNER NAME AND ADDRESS PHONE NO.

Bill Eklof 4194 New Cot Rd. 410-4363

OCCUPANT'S NAME AND ADDRESS PHONE NO.

Same

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.

CONTRACTOR'S NAME AND ADDRESS PHONE NO.

Herman Raitt & Son Contractors 284-9075
14 Bechtel Rd. Hy H MD 21222

EXISTING USE PROPOSED USE
single family dwelling 2 bedroom
1 bath

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE
25,800.00 6484

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
	27'	22'	14'

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

FOOTINGS	FOUNDATION	S. WALLS

UTILITIES				
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			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.

Herman Raitt
SIGNATURE
General Contractor
TITLE
9/18/96
DATE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM RW 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

708

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.		
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED _____ DATE _____

Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 02/21/2001 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) NONE

* PERMIT NUMBER OF REPLACEMENT WELL NONE

* PERSON ABANDONING WELL: Aaron Eichelberger

WELL DRILLERS LICENSE NUMBER: _____

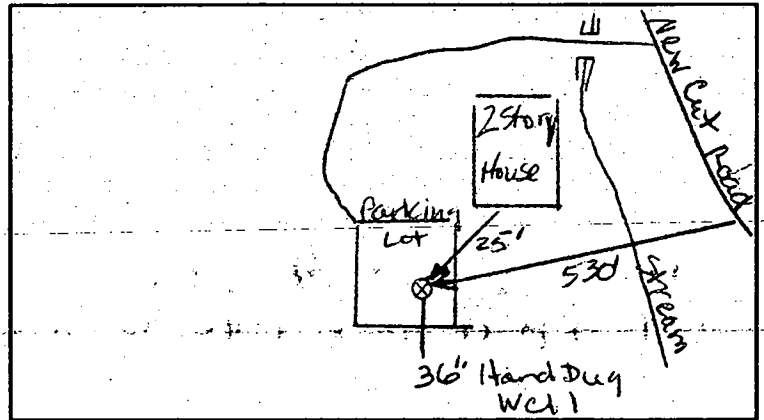
CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: William Eklof

* WELL LOCATION:

COUNTY: Howard
 NEAREST TOWN: Ellicott City
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 NEAREST ROAD: 4194 New Cut Road

SITE LOCATION MAP



* TYPE OF WELL BEING ABANDONED:

DRILLED JETTED
 BORED/AUGERED HAND DUG
 OTHER (specify) _____

* USE CODE:

DOMESTIC MUNICIPAL/PUBLIC
 IRRIGATION INDUSTRIAL
 TEST/OBSERVATION GEOTHERMAL

* TYPE OF CASING:

STEEL PLASTIC
 CONCRETE OTHER (specify)
Stone

* SIZE OF CASING: 36 INCHES IN DIAMETER

* DEPTH OF WELL: 42 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Concrete	0	20
Sand	20	30
Cement/ Bentonite Slurry	30	42
VOLUME OF MATERIAL USED		
6.5 cu. yards concrete		
6 cu. yrds sand		
840 gal. of cement/bentonite slurry		

90% cement 10% bentonite slurry

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE # 336

MWD/MSD/MGD
 CIRCLE ONE

DATE

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 02/13/2001 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) HO 81 0584

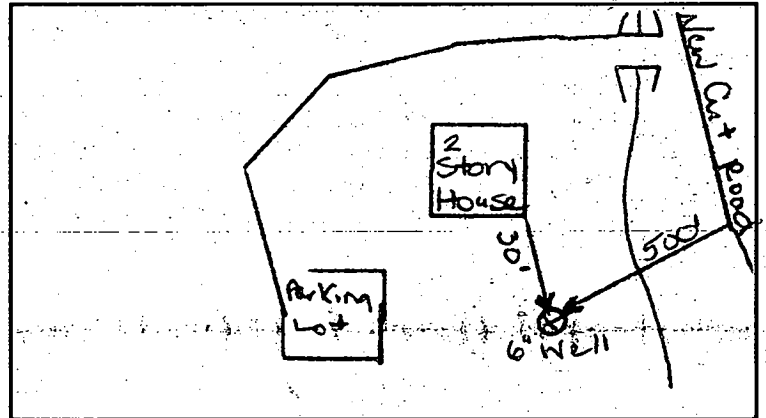
* PERMIT NUMBER OF REPLACEMENT WELL N/A

* PERSON ABANDONING WELL: Aaron Eichelberger WELL DRILLERS LICENSE NUMBER: _____

* OWNER'S NAME: William Eklof CIRCLE: MWD/MSD/MGD

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Ellicott City
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 NEAREST ROAD: 4194 New Cut Road

SITE LOCATION MAP



* TYPE OF WELL BEING ABANDONED:

- DRILLED _____ JETTED
- _____ BORED/AUGERED _____ HAND DUG
- _____ OTHER (specify) _____

* USE CODE:

- DOMESTIC _____ MUNICIPAL/PUBLIC
- _____ IRRIGATION _____ INDUSTRIAL
- _____ TEST/OBSERVATION _____ GEOTHERMAL

* TYPE OF CASING:

- STEEL _____ PLASTIC
- _____ CONCRETE _____ OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 305 FEET DEEP

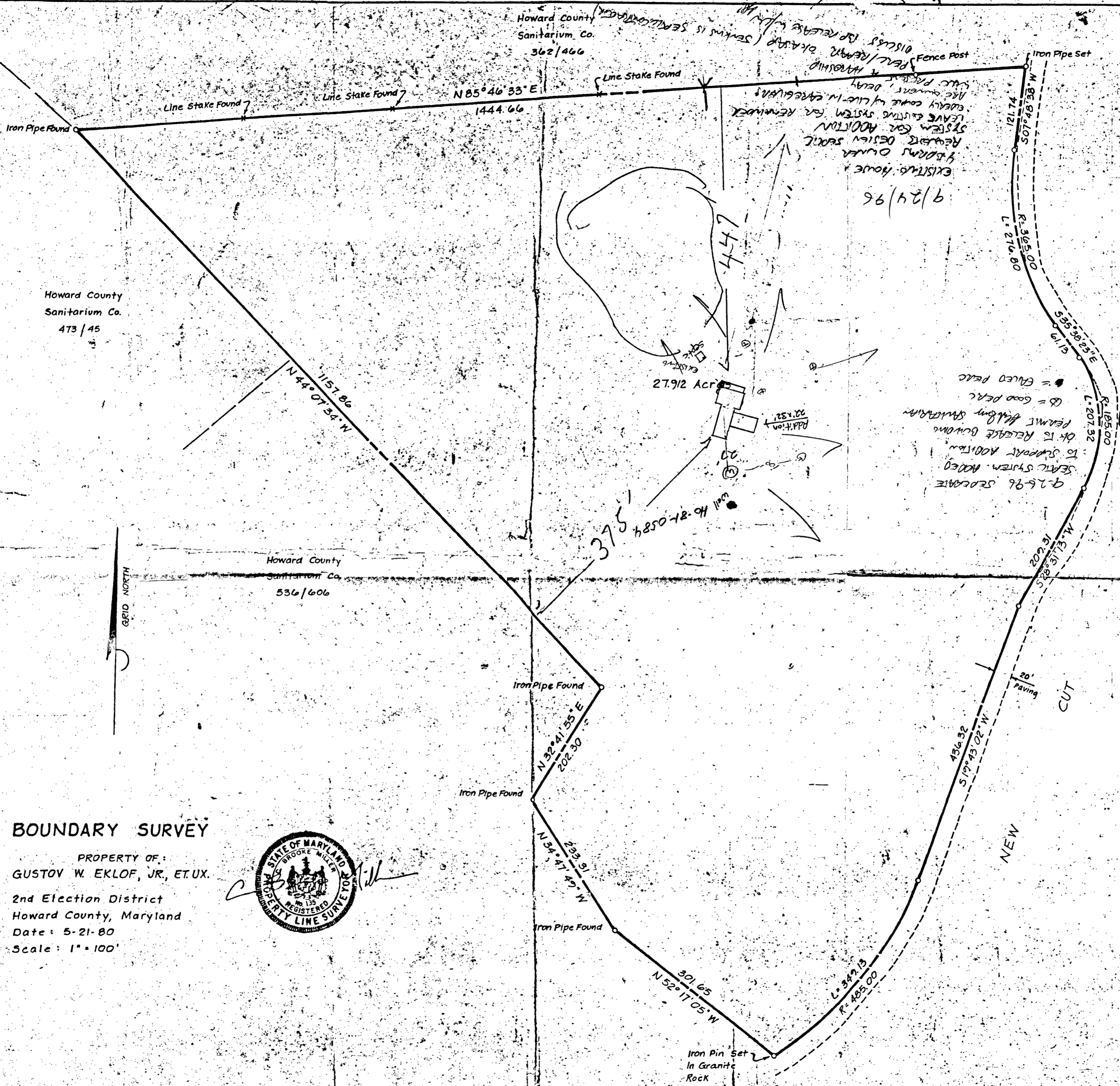
* WAS ANY CASING REMOVED? YES _____ NO
 if yes, length removed, in feet: 2

* WAS CASING RIPPED OR PERFORATED? _____ YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement/ Bentonite Slurry	0	305
VOLUME OF MATERIAL USED		
490 gallons of 90% cement 10% bentonite slurry		

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN Michael W. [Signature] LICENSE # 336 CIRCLE ONE MWD/MSD/MGD DATE _____



BOUNDARY SURVEY

PROPERTY OF:
GUSTOV W. EKLOF, JR., ET. UX.
 2nd Election District
 Howard County, Maryland
 Date: 5-21-80
 Scale: 1" = 100'

