

12/17/81
1308
Hand Stamp

Approved
4-25-83 CW/llh

NEEDS HOUSE CONNECTION
3-24-83 CW
CONNECTION OK
4-25-83 CW

PERMIT

P 32579
A 31474

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th.
DATE 3/22/83

INDEX

Perry Lyons IS PERMITTED TO INSTALL ALTER
ADDRESS Union Mills, Maryland PHONE 346-7225
SUBDIVISION Hoods Mill Farm ROAD 860 Route 97 LOT Parcel A
PROPERTY OWNER George Biersdorf PHONE: 799-7463
ADDRESS 7251 Forest Avenue
Hanover, Maryland 21076

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Dry well and Ditch - 120 sq. foot sidewall area per bedroom. Dry well bottom to be 8 feet below original grade. Place the dry well 790 feet from the front lot line and 324 feet from the left lot line as seen when facing the lot from the front lot line. The front lot line is considered to be the lot line which is 1199.23 ft. long running S80°12'55"E. OK to add a ditch off the dry well after a 5 foot buffer. Ditch to be 8 feet deep with 4 ft. of stone and inlet 4 feet below original grade. Run the ditch along level ground toward perc hole #1 which is located 824 ft. from the front lot line and 412 ft. from the left side of the lot as seen when facing the lot from the front lot line.

PLANS APPROVED BY Raymond Hodges DATE 8/03/81

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.

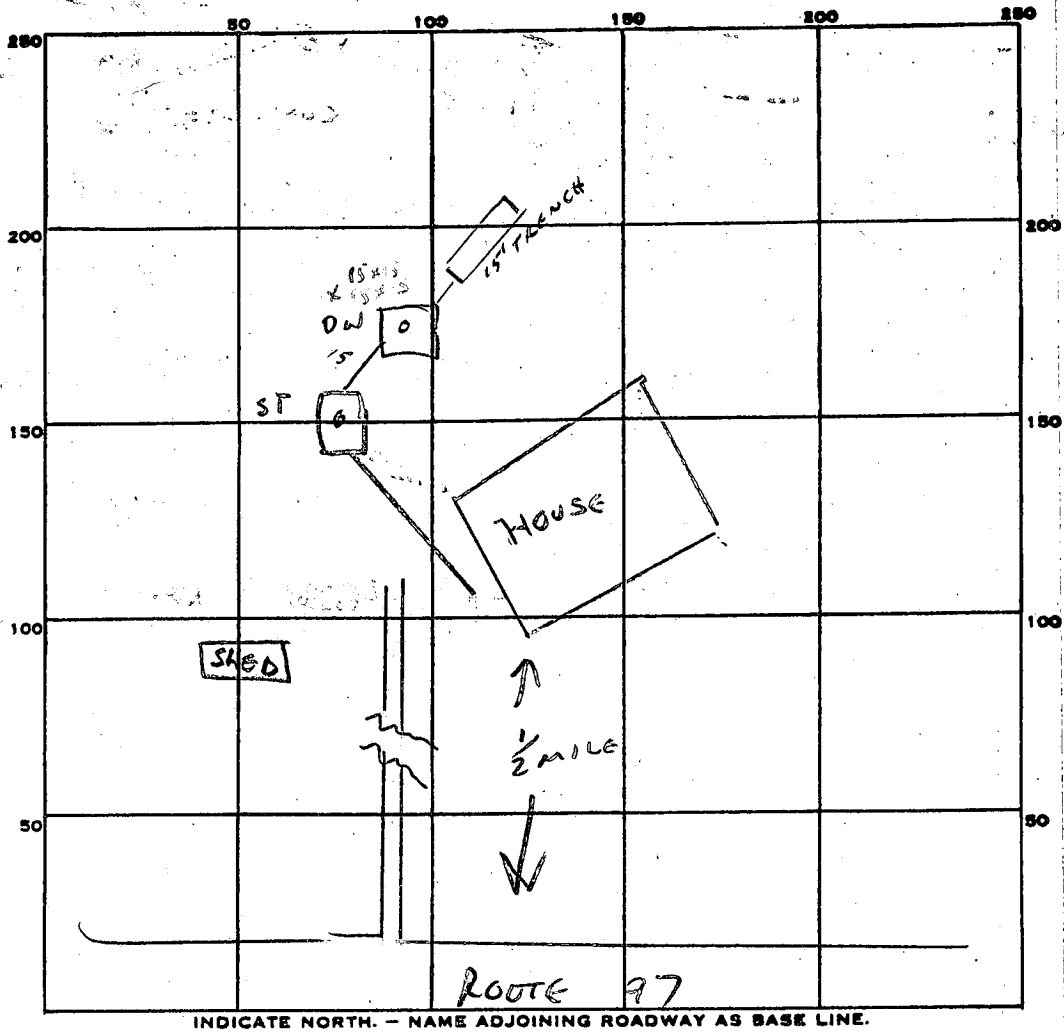
- NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.
- PERMIT VOID AFTER THREE 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.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 31474



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST DW

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 5 FT. TOTAL LENGTH 15 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 75

DW SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 300 SQ. FT.

TOTAL AREA 300
75
375

REMARKS _____

ST & DW OK. CONTINUE WORK. 3-24-83 CWilliam

STONE IN DW OK.

ALL OK EXCEPT HOUSE CONNECTION 3-24-83 CW

DATE SYSTEM APPROVED 4-15-83

INSPECTOR Craig William

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31474

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE 7/8/81

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 Hoods Mill Farm Inc.

ADDRESS _____ PHONE Bill Swann

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Parcel A

ROAD AND DESCRIPTION Route 97

SIZE OF LOT 29.724 acres 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/ Olen Ketterman for William Swann

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

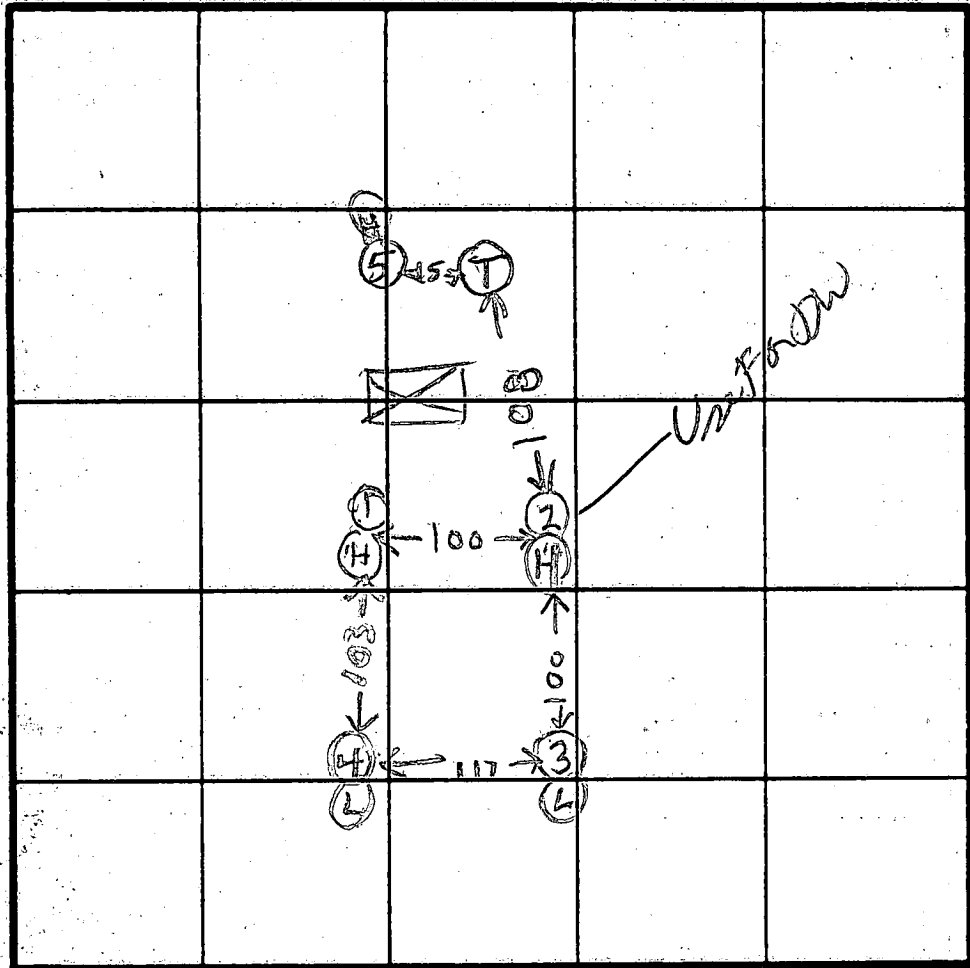
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

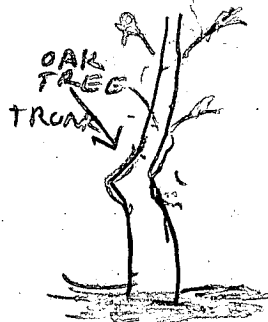
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE



OAK TREE WITH CROOKED TRUNK 1 1/2 FT DIA



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/17/81	1S	4 1/2	1030	1034	1034	1039	5
	1M	7 1/2	1030	1033	1033	1038	5
	1D	12	TOP 2 FT CLAY		BOT 10 FT SHALE SAND		
	2S	3 1/2	1047	1049	1049	1053	4
	2D	7 1/2	1047	1054	1054	1101	7
	2V	12	TOP 2 FT CLAY		BOT 10 FT PINK SAND		114
	3S	4	1104	1105	1105	1107	2
	3D	7	1104	1112	1112	1120	8
	3V	11 1/2	TOP 2 FT CLAY		BOT 9 1/2 FT WHITE & BROWN SAND		
	4S	3	1118	1119	1119	1121	2
	4D	7	1118	1121	1121	1120	7
	4V	11 1/2	TOP 2 FT CLAY		BOT 8 1/2 FT WHITE & BROWN SAND		
	5V	10	SHALE SAND		ROCK BOT 7 1/2 FT		

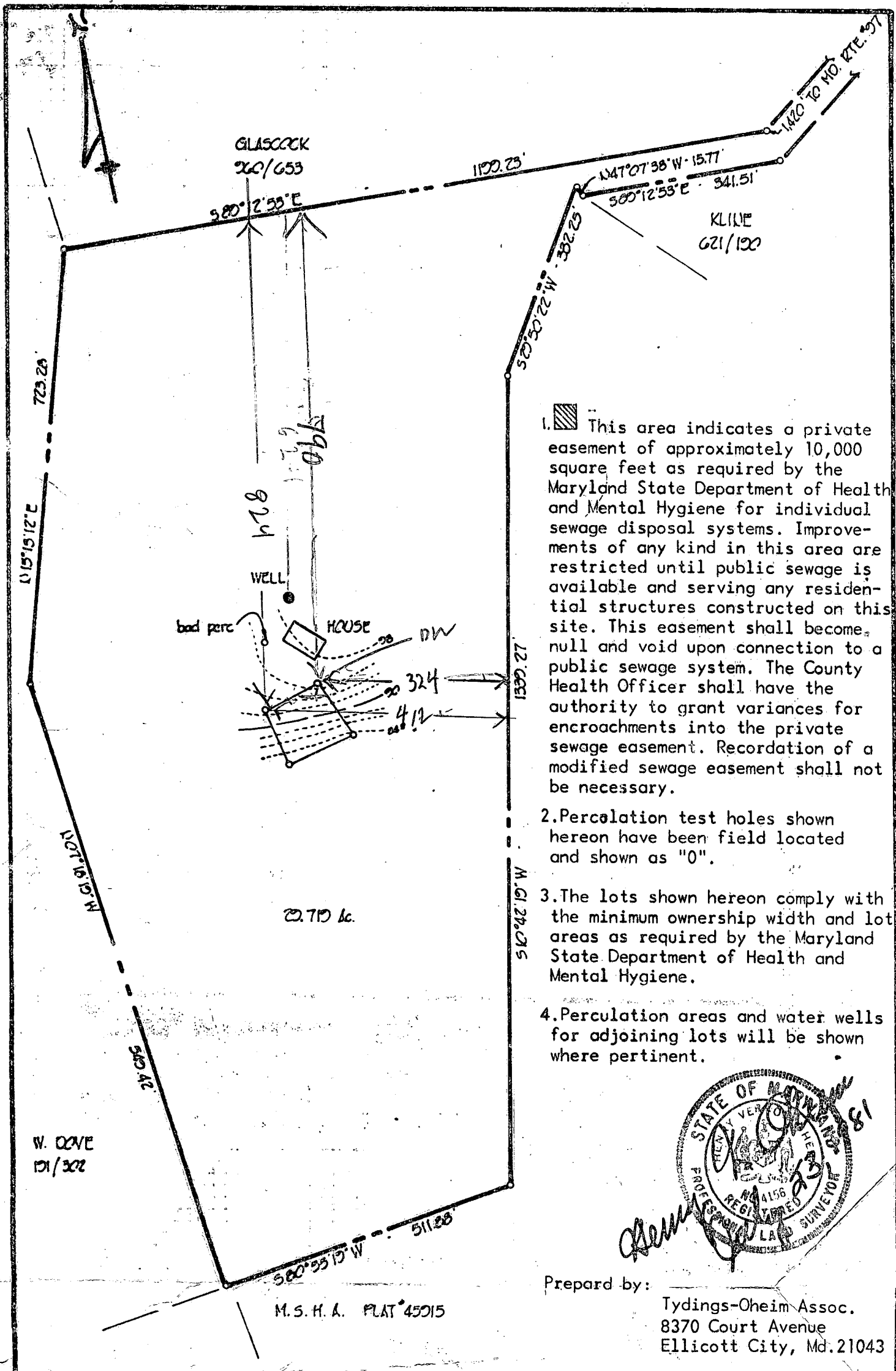
REMARKS HOLES IN MIDDLE OF WOODS NO HOUSES NEAR

TYPE OF SOIL

BOYER GEORGE BIERSDORF

TESTED BY R14076-ES

ALSO PRESENT TONY MILBO REAL ESTATE OKETTERMANS



1. This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal systems. Improvements of any kind in this area are restricted until public sewage is available and serving any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
2. Percolation test holes shown hereon have been field located and shown as "0".
3. The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.
4. Percolation areas and water wells for adjoining lots will be shown where pertinent.



Prepared by:
 Tydings-Oheim Assoc.
 8370 Court Avenue
 Ellicott City, Md. 21043

"PERC CERTIFICATION"
 Part of HOODS MILL FARM INC.
 Fourth Election District
 Howard County, Maryland.
 Scale: 1"=200' July 23, 1981

APPROVED: For private water and private sewage systems. Howard County Health Department.

Jayus Bondles 7-31-81
 County Health Officer Date

avgat

B 1 6793 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-3989
fill in this form completely

please print or type

DATE RECEIVED: 8/28/81
9/10/81 9:30 A.M. 7:00 P.M.
799-7463
OWNER INFORMATION
BIERSDORF, GEORGE
LAST NAME OWNER FIRST NAME
7251 FOREST AVE
STREET OR RFD
HANOVER, MD 21076 21076
TOWN STATE ZIP

B 3 LOCATION OF WELL
COUNTY: HOWARD
SUBDIVISION: NONE
SECTION: NONE LOT: NONE
NEAREST TOWN: Hoods Mills
MILES FROM TOWN: 2 MI

B 1 CONTINUED DRILLER INFORMATION
DRILLER'S NAME: RALPH MAYNE 273
SIGNATURE: [Signature] DATE: 8/28/81
77 LICENSE NO. 80

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
Hoods Mill Rd.
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
1500
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

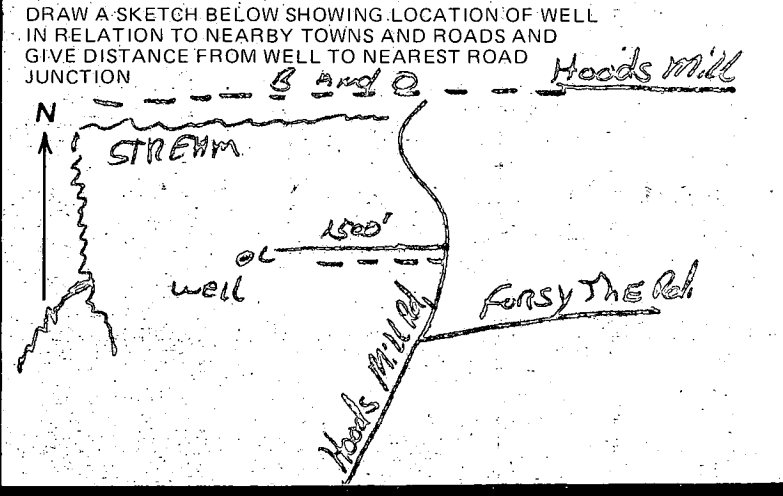
B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

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)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
43' casing
2' above gr
38' open
10-bags cement
9/10/81
7904
5409

APPROXIMATE DEPTH OF WELL: 150 FEET
APPROXIMATE DIAMETER OF WELL: 6 INCH

Method of Drilling (circle one)
 BORED (OR AUGERED) JETTED JETTED & DRIVEN
 AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC)
 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
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME: HOWARD COUNTY NO.: B31474

Not to be filled in by driller. (WRA USE ONLY)
APPROX. PERMIT NUMBER: GAP
WRITE INITIALS IN BOX: FS
CONDITIONS: 10-73-3989

EHA SIGNATURE: Frank Sh... DATE: 9/10/81
STATE HEALTH SIGNATURE: [Signature] DATE: 11/18/81
NORTH GRID: 549 EAST GRID: 0794 ELEV. (FT.):

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

C1 8167 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER A31474

Date Received (WRA use only) Sept 10, 1981 DATE WELL COMPLETED

Depth of Well 205' (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" MD-73-3989

OWNER Biersdorf George last name first name STREET OR RFD Hoods Mill Road TOWN Hoods Mill SUBDIVISION Hoods Mill Farm Inc. SECTION LOT (29.719 acres)

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sandstone, Micka, Sandstone, Micka.

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft.

CASING RECORD (ST) (CO) (PL) (OT) MAIN CASING TYPE (S+) Nominal diameter 6 inch Total depth of main casing 43 feet

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

SCREEN RECORD (ST) (BR) (HO) (PL) (OT) screen type or open hole. SLOT SIZE 1 2 3

DEPTH (nearest ft.) 41 205 DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F)

CIRCLE APPROPRIATE BOX [A] A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED [E] ELECTRIC LOG OBTAINED [P] TEST WELL CONVERTED TO PRODUCTION WELL

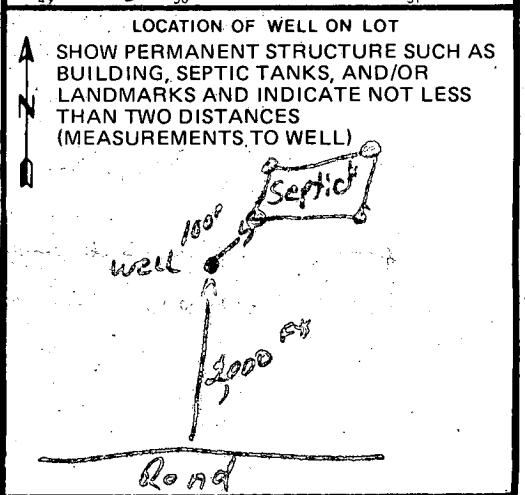
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL" AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 273 DRILLERS SIGNATURE (Baldwin) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST (C) 3 PUMPING TEST HOURS PUMPED (nearest hour) 5 PUMPING RATE (gal. per min. to nearest gal.) 7 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 205 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 YES (Y) NO (N) DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 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 LAND SURFACE (-) below (nearest foot)



Plot Plan for Garage/Utility Building at 860 Rt 97
Cockeville, Md

Garage/Utility building to be framed structure
built upon concrete slab and enclosing
495 square feet

Distance to nearest property line greater than 200 feet

Permit to build house to be applied for before May 1, 1982

Distances:

Garage/Utility to House 90 feet

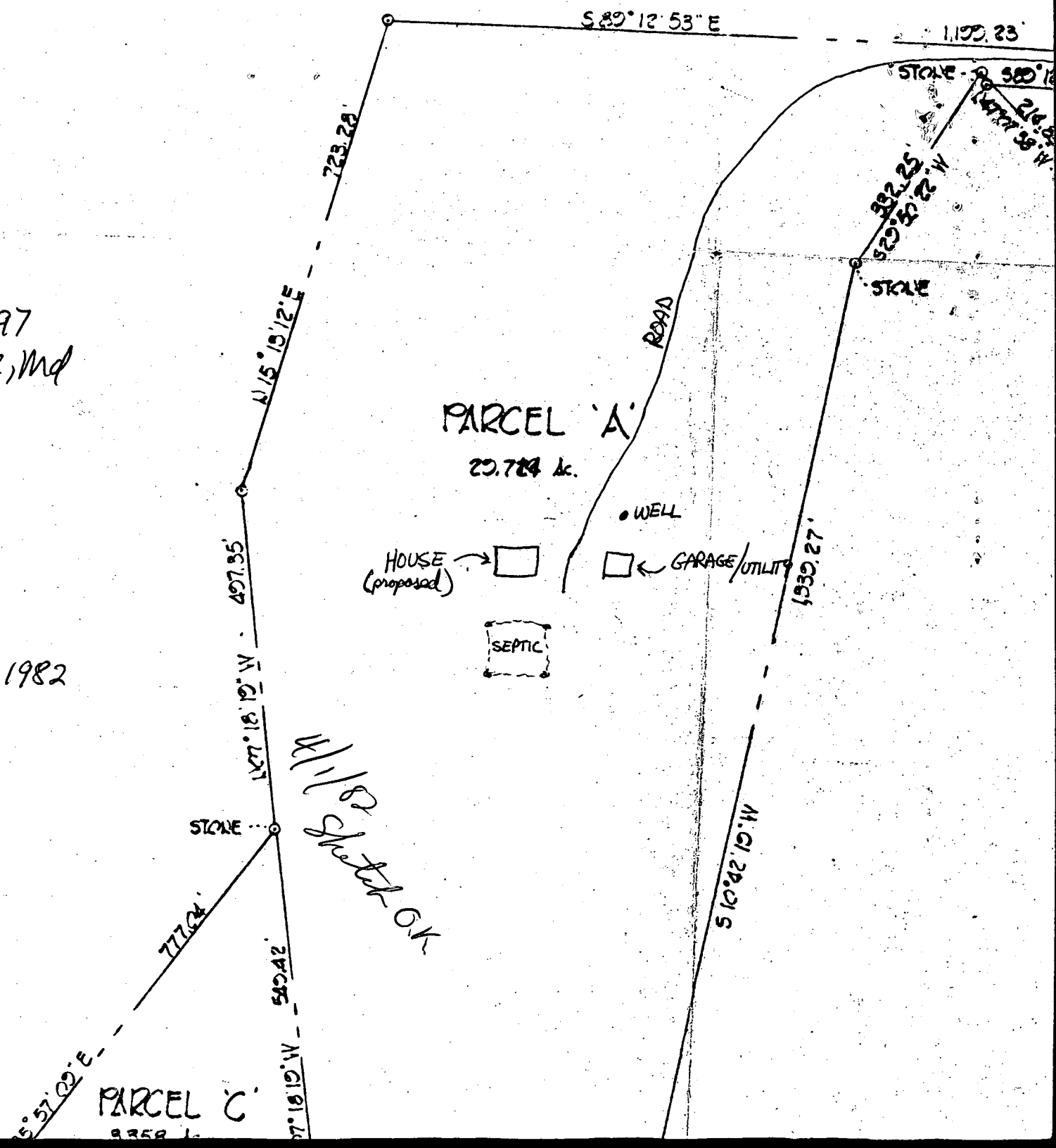
Garage/Utility to Well 45 feet

Garage/Utility to Septic 60 feet

Total cubic feet - 4950 (including 1/2 attic space)

R4000

George Biersdorf



11/18/82
Metch OK

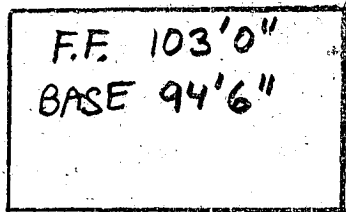
SEPTIC SYSTEM DESIGN
FOR PROPERTY AT 860 HOODS MILL RD,
COOKSVILLE, MD.

I CERTIFY THE BELOW MEASURE-
MENTS AND ELEVATIONS ARE
ACTUAL AND CORRECT FOR THIS
PROPERTY

George T. Bursdorf

NEAREST PROPERTY LINE
310'

WATER WELL
EXIST. ELEV 99'0"



INV. ELEV. 95'6"

INV. ELEV. 95'3"

EXIST. ELEV. 99'0"

INV. ELEV. 94'11"

4/12/82
Sketch OK
GTS

ST 45'

20-25'

INV. ELEV. 94'0"

EXIST. ELEV. 97'0"



NEAREST PROPERTY LINE
324'

1339.27'

PRIVATE
SEWAGE
EASEMENT

House grade set at 100'0" and
is not a true figure. all
other elevations are accurately
referenced to this elevation.

93'0"

83'0"

84'0"

George Biersdorf
7257 Forest Ave
Hanover, Md 21076

Plot Plan for Barn at
860 Rt 97, Cookville, Md

Distance from:

House - 150'

Garage - 35'

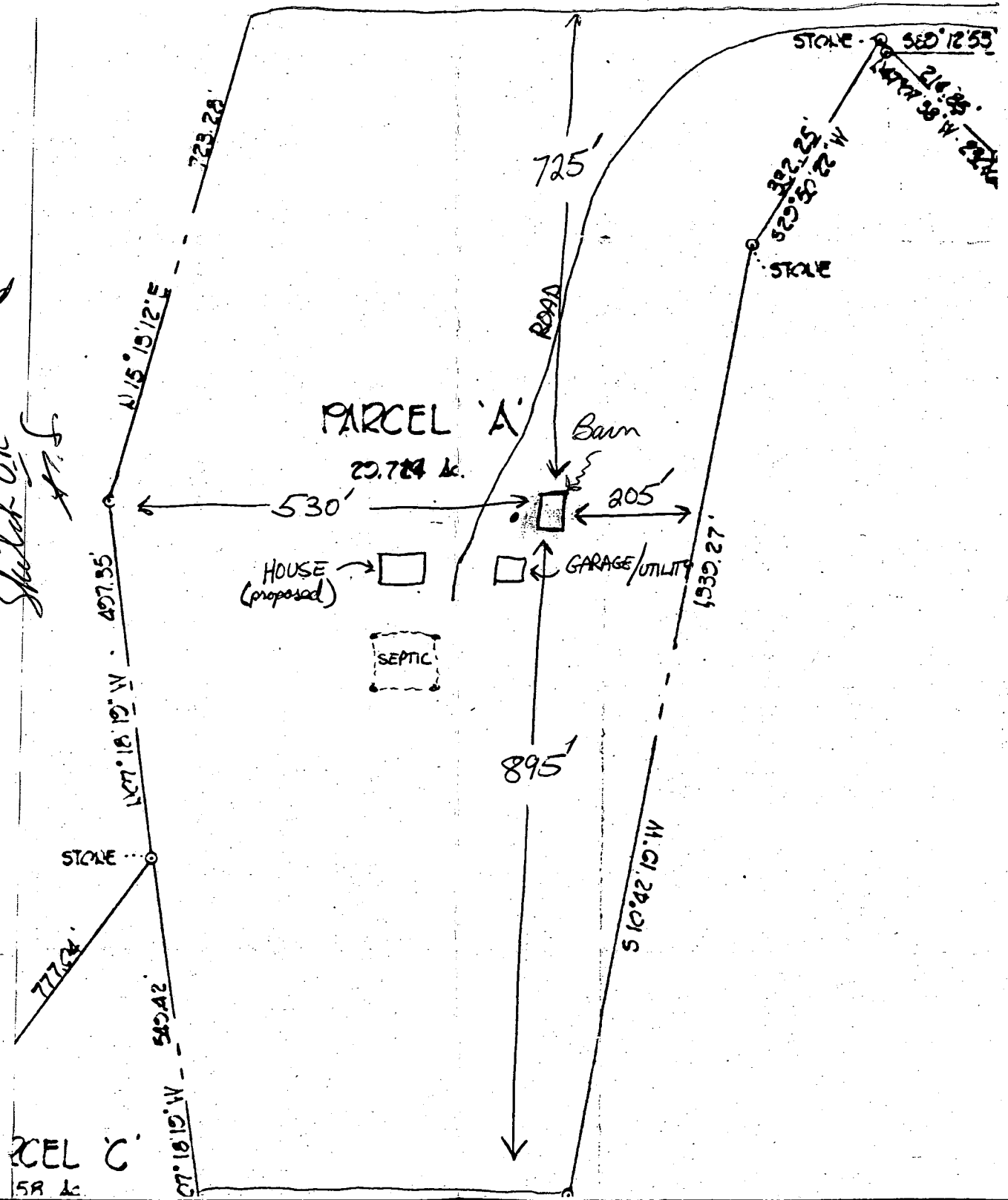
Well - 30'

Septic - 100'

Tax Map #8
Block #5
Parcel P/P #204
Zoning R
Electron District #4
Census Tract #6040

5/10/83

Sketch OK



George Biersdorf
~~7251 Forest Ave~~
~~Hammer, Md 21076~~

Plot Plan for Garage/Utility at
 860 Rt 97, Cooksville, Md

Distances from:

House - 90'

Well - 45'

Septic - 60'

Northern Property line - 765'

Eastern Property line - 225'

Southern Property line - 855'

Western Property line - 510'

Cubic feet - 4950

Framed structure built upon concrete slab and
 enclosing 495 square feet

Tax Map #8

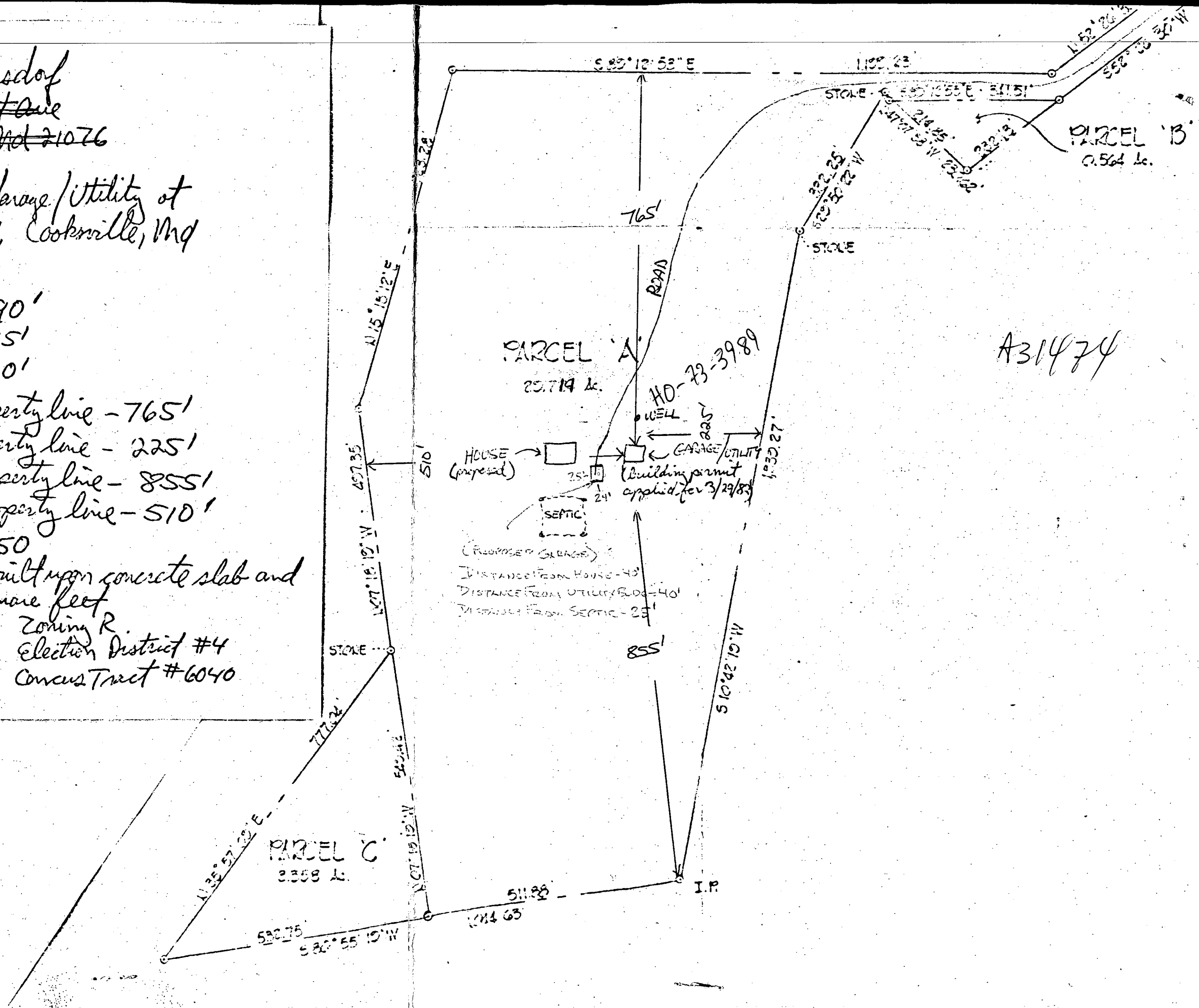
Block #5

Parcel P/O #204

Zoning R.

Election District #4

Conserv Tract #6040



A31474

REVISED

