

8/31/84
be ready noon or later

WPI 8/29/84 AM

APPROVED
31 AUG 84
RH P 34284
A 35222

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT _____

INDEXED

DATE 8/28/84

Dale Biller IS PERMITTED TO INSTALL ALTER _____

ADDRESS 002 Suburban Avenue, Reisterstown, MD PHONE 833-9506

SUBDIVISION Glenelg Manor I ROAD 12623 Folly Quarter LOT P 12-B

PROPERTY OWNER Mr. & Mrs. Gary Pakulla (SAME PROPERTY)

ADDRESS 10637 High Beam Court Columbia, Maryland 21044 (AS VON BERNSTORFF PROPERTY)

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

Panel 96
5 1/2 FT STONE

TRENCHES - 158 sq. ft. absorbant area per bedroom. ~~trench or trenches~~ ~~inlet to be at 5 1/2 ft. below original grade.~~ maximum depth to be 8 feet below original grade.

LOCATION: Start the system at the high perc hole. Run trenches along level ground. Call for two inspections - before and after gravel is installed.

INLET 2 1/2 - 3 FT BELOW GRADE
SPECS CORRECTED 8/29/84 RH

PLANS APPROVED BY Craig Williams DATE 8/28/84

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.

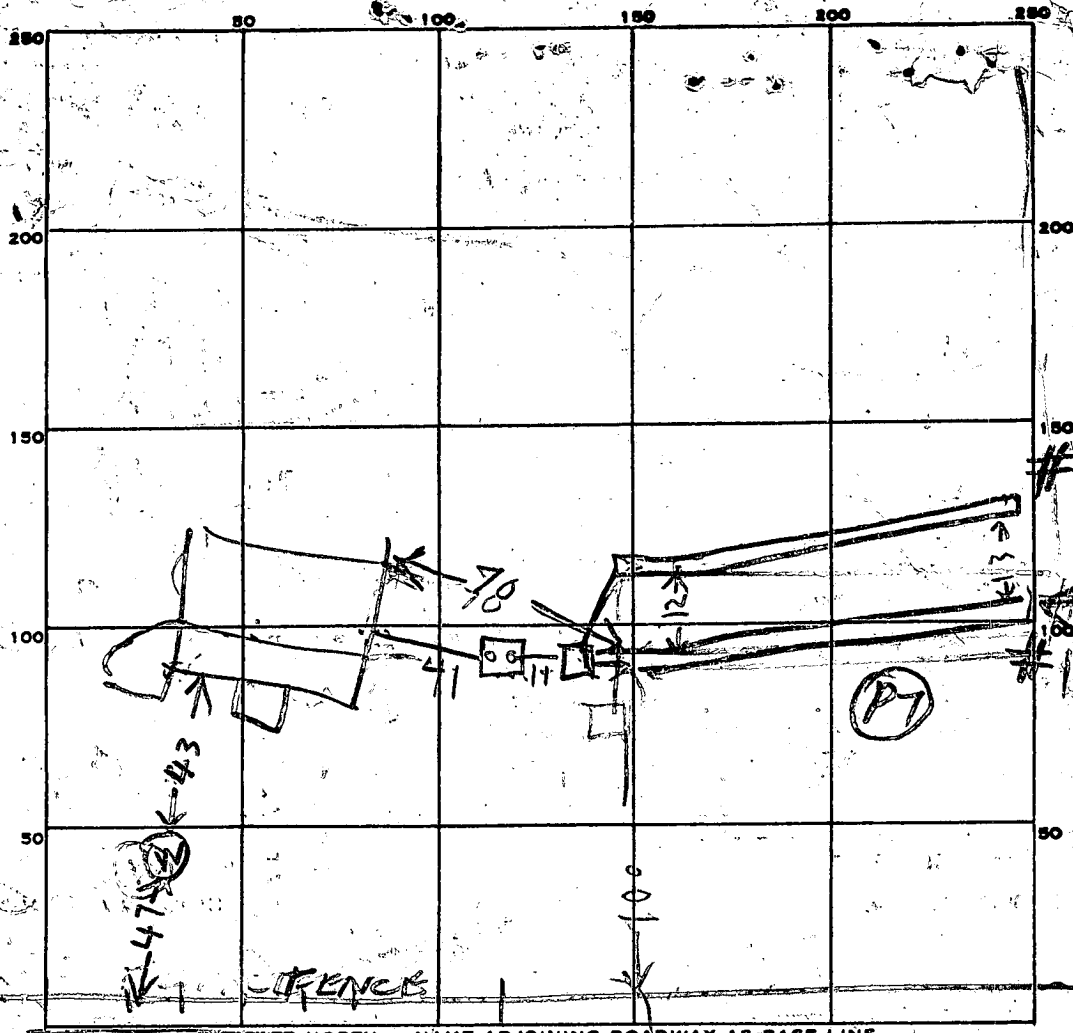
BLDG. PERMIT SIGNED
AND RETURNED 9/1/84
Serial # 19415
Prol.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

F 34284
35222



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1500 CLEANOUTS OK almost each level tank
Babylon v alto

DISTRIBUTION BOX, LEVEL #1 #2

TILE FIELD, DEPTH 7.5 7.5 FT. TRENCH WIDTH 2 2 FT. #L 206

GRAVEL DEPTH 6 6 FT. IN. TOTAL LENGTH 103 101 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 1236

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 8/29/84 LOCATION OK. SEPTIC PLANS UNDER

DIFFERENT NAME. ADD STONE TO DITCH FINISH JOB

CALL RR

8/31/84 STONE ADDED TO DITCH & JOB FINISH

DATE SYSTEM APPROVED 8/31/84

INSPECTOR Raymond Hodge

APPLICATION

SEWAGE DISPOSAL TESTING
STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35222
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th
DATE 4/01/85

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 Glenelg Manor Associates
12789 Folly Quarter Road
ADDRESS Ellicott City, Maryland 21043 PHONE 531-5252

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor II LOT NO. 12B
ROAD AND DESCRIPTION Folly Quarter Road

SIZE OF LOT _____ 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/ Lois M. Maisel

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

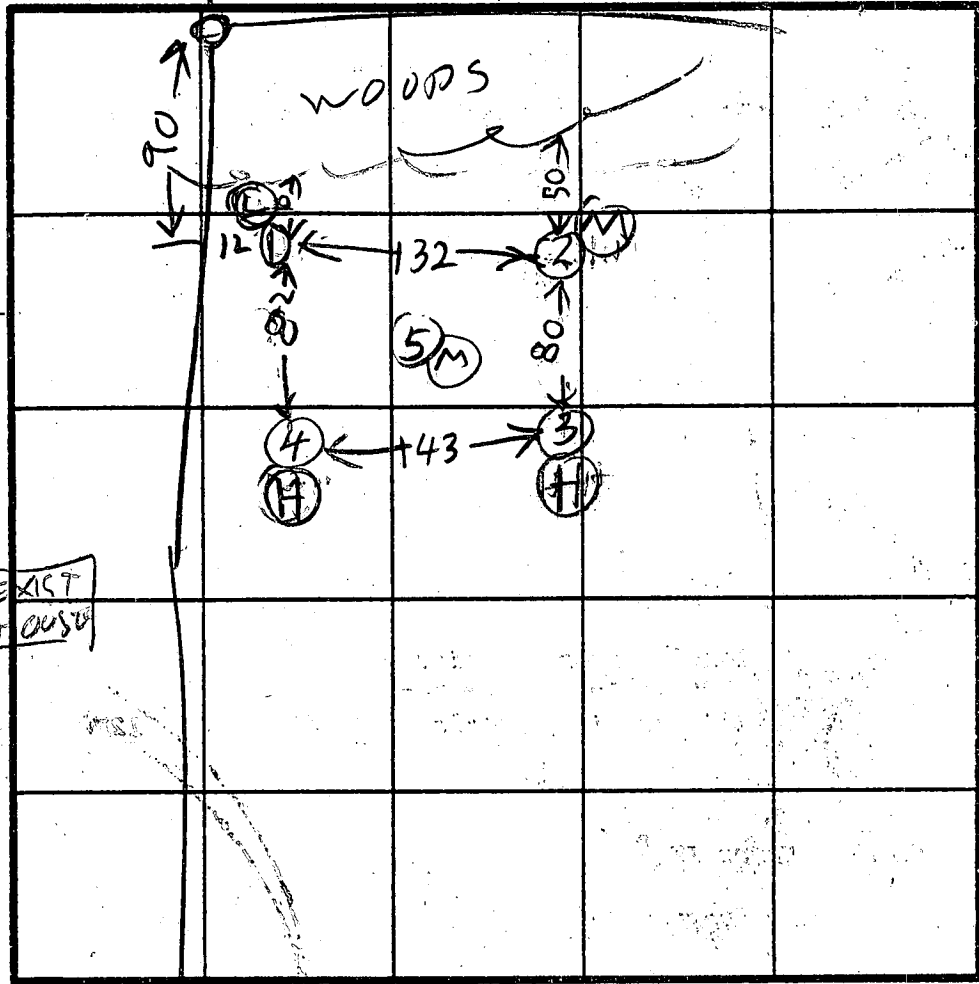
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

92

CORN



2
SOIL PROFILE

BROWN CLAY

BROWN SAND LOAM

4

BROWN CLAY

BROWN SAND LOAM

12

1

ALL BROWN SAND LOAM

ROCKS

HOLE ELEVATION
 (H) = HIGH
 (M) = MEDIUM

(L) = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/85	1S	2 1/2	128	130	130	133	3
	1V	2 1/2	LOOKS OK				
	2S	4	137	138	139	140	L
	2V	4	LOOKS OK				
	3S	5	144	145	145	146	1
5/1/85	3V	12	LOOKS OK				
	4S	7	149	150	150	153	3
	4V	13	LOOKS OK				
5/1/85	5V	11 1/2	LOOKS OK				

5

BROWN CLAY

BROWN SAND LOAM

3

BROWN CLAY

ALL BROWN SAND LOAM

4

12

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. HODGES

ALSO PRESENT
 K. HODGES
 MIKE MILLER

C1 4370 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS ON ALL CARDS)

SEQUENCE NO. (OEP USE ONLY)

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

DATE RECEIVED

DATE WELL COMPLETED 07 22 83

DEPTH OF WELL 162 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0201

OWNER Garonzik Harry (last name, first name)

STREET OR RFD Heritage Hill Lane

TOWN Glenely

SUBDIVISION Glenely Manor

SECTION 1

LOT 123

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. Entries: Sand (0-106), Gray mica rock (106-162).

This well was abandoned and sealed with cement gravel and drilling materials

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from 48 to 58 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE 3+ 6 108 (Nominal diameter, Total depth)

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

Table for SCREEN RECORD with columns for DEPTH (nearest ft.) and rows for EACH SCREEN.

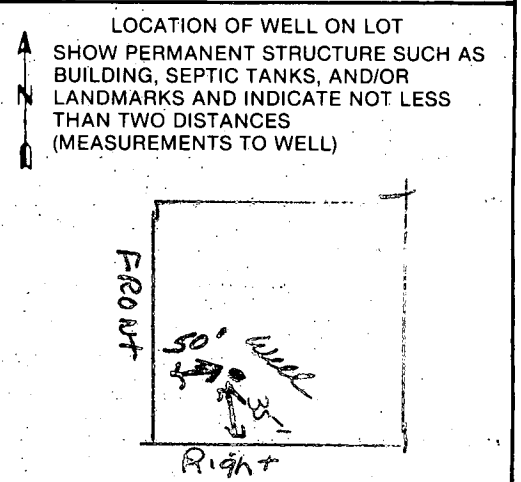
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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.) W.Q. TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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 (CIRCLE) (YES or 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 LAND SURFACE - below (nearest foot)



CIRCLE APPROPRIATE LETTER 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)

WELL ABANDONMENT REPORT

Date July 22, 1983

Permit Number of abandoned well (if any) 40-81-0201

Driller's Name Maize Joseph
Last First

Owner's Name Harozik Harry
Last First

Well Location:
 County Howard
 Subdivision Stenely Manor
 Section 1 Lot 12B
 Nearest Town Stenely
 Maryland Grid Location

Box Number

E	<u>814</u>
N	<u>515</u>

Show well location by (x) within box

Type of Well

- Drilled
- Jetted
- Bored or Augered
- Other, specify

Depth of Well 162 Feet

Type of Casing

- Steel
- Plastic
- Concrete
- Other, specify

Size of Casing 6 1/4 Inches

Was any case removed Yes No
 if yes amount removed 3 (feet)

Was casing ripped or perforated Yes No

Log of Sealing Material

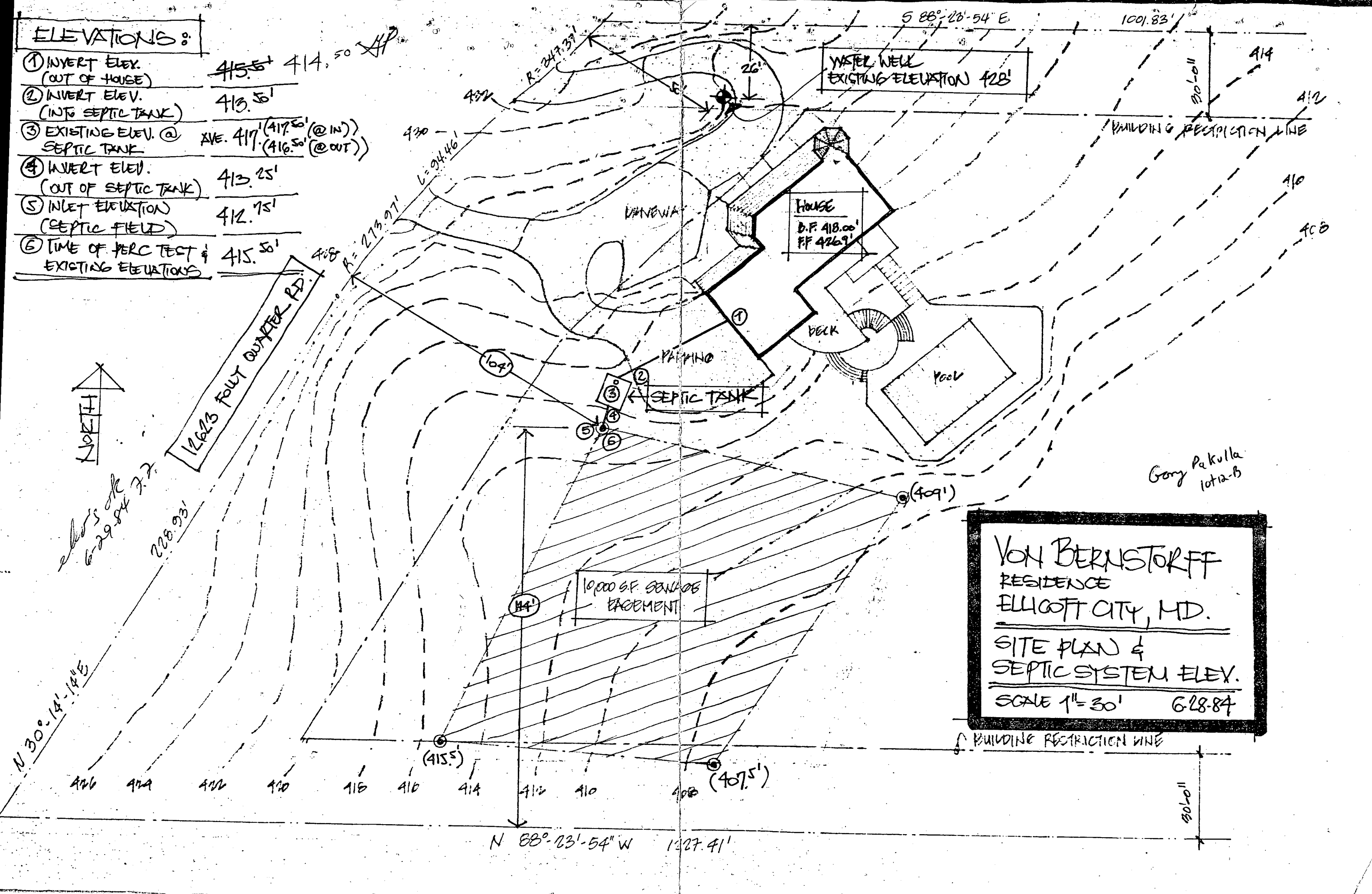
Material	Feet	
	From	To
<u>Drilling material</u>	<u>0</u>	<u>20</u>
<u>Cement</u>	<u>20</u>	<u>40</u>
<u>Gravel + Drilling materials</u>	<u>40</u>	<u>162</u>

Driller Joseph Maize
(Signature)

License # 238

ELEVATIONS:

- ① INVERT ELEV. (OUT OF HOUSE) 415.50
- ② INVERT ELEV. (INTO SEPTIC TANK) 413.50
- ③ EXISTING ELEV. @ SEPTIC TANK AVE. 417' (417.50' @ IN) / (416.50' @ OUT)
- ④ INVERT ELEV. (OUT OF SEPTIC TANK) 413.25
- ⑤ INLET ELEVATION (SEPTIC FIELD) 412.75
- ⑥ TIME OF PERC TEST & EXISTING ELEVATIONS 415.50



VON BERNSTORFF
 RESIDENCE
 ELLICOTT CITY, MD.

 SITE PLAN &
 SEPTIC SYSTEM ELEV.
 SCALE 1" = 30' 6-28-84

Gary Pakulla
10/12-83

415.50 414.50

WATER WELL
EXISTING ELEVATION 428'

HOUSE
D.F. 418.00'
F.F. 426.9'

10,000 SF SEWAGE
EASEMENT

VON BERNSTORFF
 RESIDENCE
 ELLICOTT CITY, MD.

 SITE PLAN &
 SEPTIC SYSTEM ELEV.
 SCALE 1" = 30' 6-28-84

415.50 414.50

WATER WELL
EXISTING ELEVATION 428'

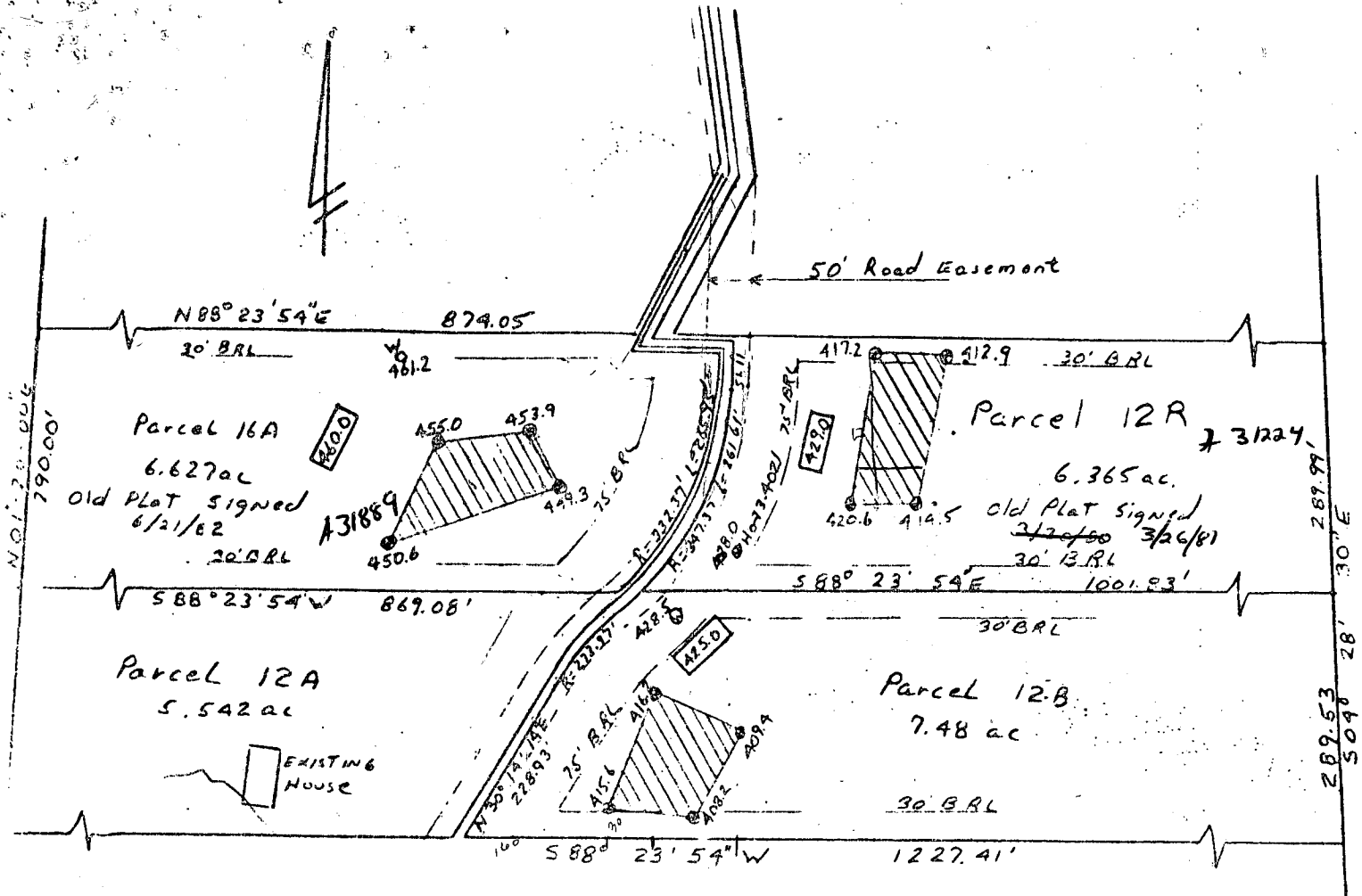
HOUSE
D.F. 418.00'
F.F. 426.9'


10,000 SF SEWAGE
EASEMENT

VON BERNSTORFF
 RESIDENCE
 ELLICOTT CITY, MD.

 SITE PLAN &
 SEPTIC SYSTEM ELEV.
 SCALE 1" = 30' 6-28-84

Gary Pakulla
10/12-83



 This area designates a private sewage easement of 0,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements 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.

Percolation test holes shown hereon have been field located and shown as "⊙".

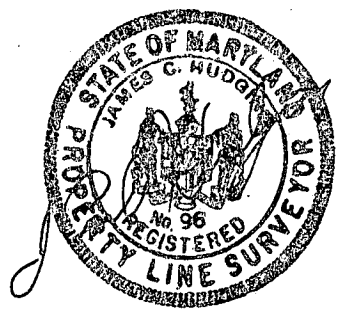
The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

James M. Boyd
County Health Officer

7/19/83
Date



PERCOLATION TEST PLAT
PARCELS

16A, 12B, and 12R

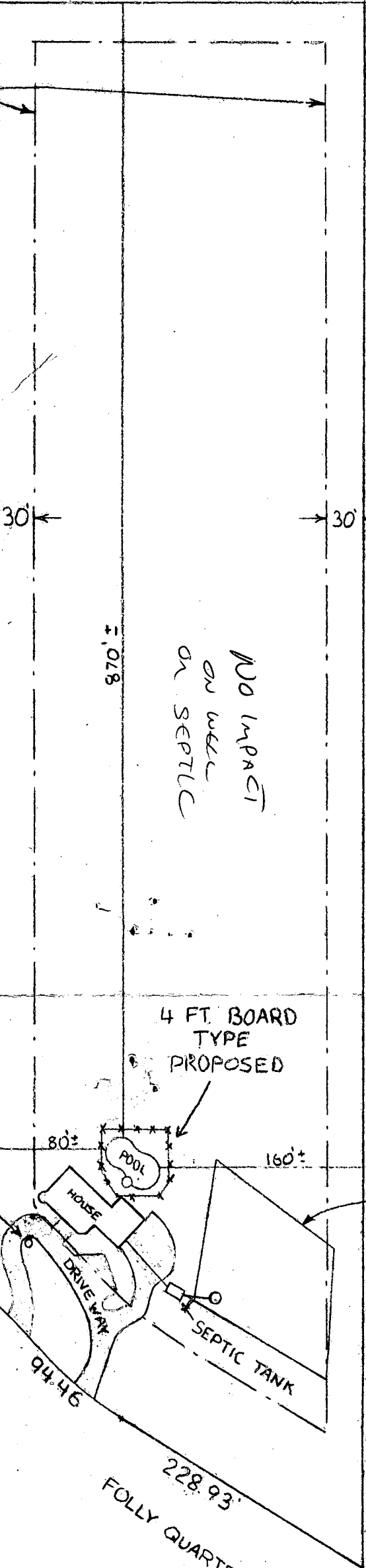
GLENELG MANOR Sec. 1

5th Election District
Howard County, Maryland
Scale 1"=200'
Date 6/28/83

290' ±

SPA D
6'-6"

BUILDING RESTRICTION LINE



30'

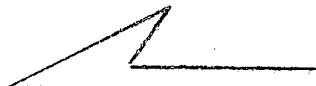
30'

870' ±

NO IMPACT
ON WELL
OR SEPTIC

1001.83'

1227.41'



NORTH

SCALE:

1" = 100'

4 FT. BOARD
TYPE
PROPOSED

80' ±

160' ±

10,000 SQ. FT.
SEWAGE EASEMENT

WELL

HOUSE

DRIVEWAY

SEPTIC TANK

94.46'

228.93'

FOLLY QUARTER RD.