

2/10/88 pm 2/11/88 ASA TaxID - 04-330188

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 40526

A 39080

DISTRICT 4th

DATE 11/19/87

DATE SYSTEM APPROVED 2/11/88

INSPECTOR RH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

Freedom Sanitation IS PERMITTED TO INSTALL  ALTER

ADDRESS 2309 Liberty Road, Eldersburg, Maryland / 21784 PHONE 795-5924

SUBDIVISION Viener Property ROAD 15705 Morgan Woodbine LOT 2

PROPERTY OWNER Brian A. Rutledge

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Handwritten calculation:  $3 \times 200 = 600$   $\frac{600}{3} = 200$

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 545 up the right of way off Morgan Woodbine Road. And 125 feet off the right of way. Run the trenches on contour toward Morgan Woodbine Road.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY S. Abel DATE 7/31/87

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 APROVAL ON THIS PERMIT**

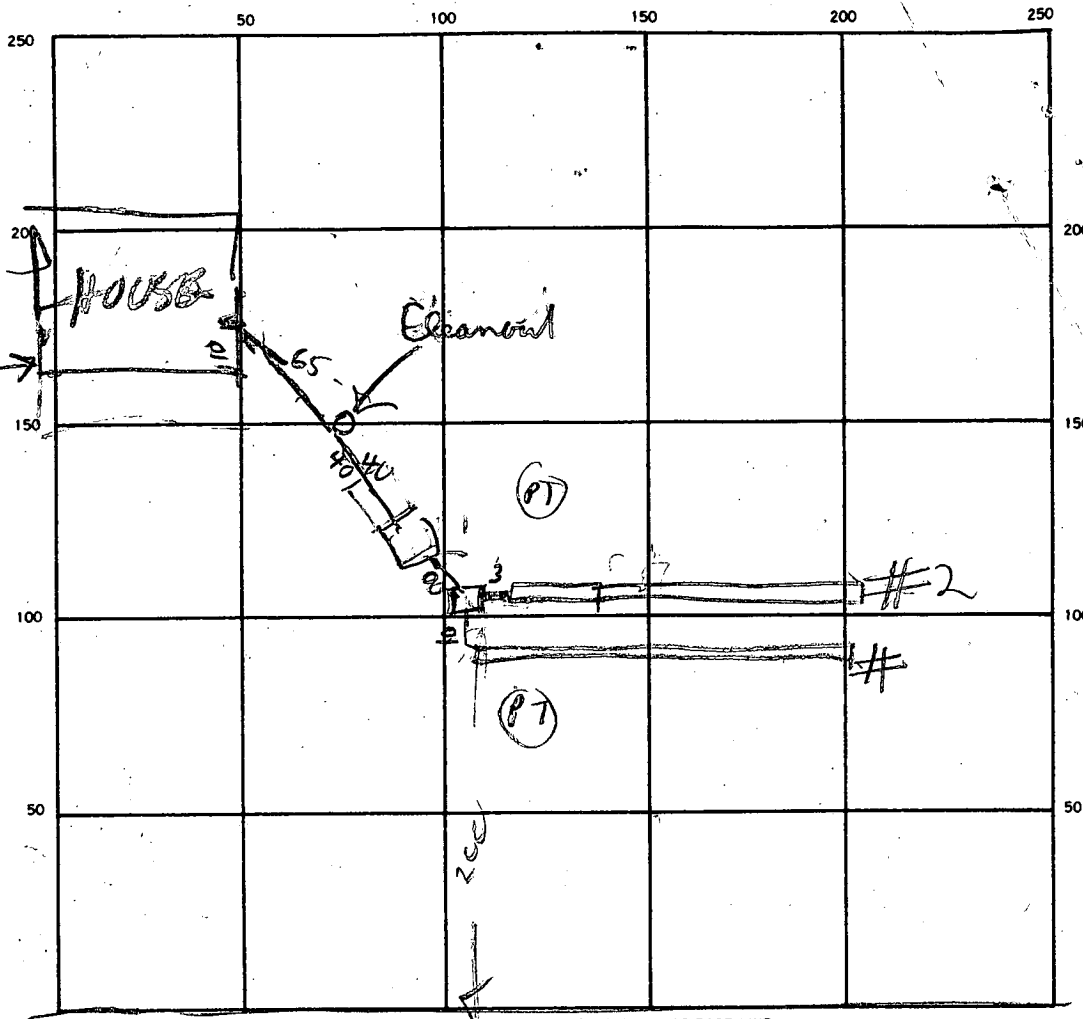
CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

600

Handwritten number: 70

A 39080



SCOPE  
 (N) 130

PT=OLD  
 PERC  
 TEST  
 100LBS

5  
 10  
 15  
 20

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

EDGE R/W

SEPTIC TANK. LEVEL 1000

CLEANOUTS ST | HOUSE SEWER  
OK | OK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 6 | 5.5 FT. TRENCH WIDTH 3 | 3 FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 100 | 104 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 300 | 300 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 10 FEB 88 - LOCATION APPEARS TO BE BETWEEN TWO PERC

HOLES & IS O/K DIRECTIONS ON PERMIT SEEM TO BE OFF R/W

11 FEB 88 - COVER TANK & TRENCH #1 ADD STONE TO TRENCH #2

11 FEB 88 - TRENCH #2 IS O/K

DATE SYSTEM APPROVED 2/11/88

INSPECTOR Raymond Hodge

# APPLICATION

PERCOLATION TESTING

A 39080

P \_\_\_\_\_

DISTRICT 4

DATE APRIL 8, 1987

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

*Date Called by Jim Patton  
OK TO Process*

*Patton*

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 HARRY B. VIENER ET. ALS.

ADDRESS P.O. BOX 55, CHARLESTOWN, W.VA. 25301 PHONE (304) 725 - 7075

PROSPECTIVE BUYER BRIAN A. RUTLEDGE

ADDRESS C/O BALTIMORE ZOO, DRUID HILL PARK, BALT. MD. 21217 PHONE (301) 396-7102

PROPERTY LOCATION:

SUBDIVISION FUTURE BUILDING LOCATION

LOT NO. 1

ROAD AND DESCRIPTION S/S Morgan Woodbine Road 1/4 mile east of Woodbine Road Rte. 94

TAX MAP 3 PARCEL # 2

SIZE OF LOT 35 acres +

TYPE BLDG. single family

(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

*Patton*  
(SIGNATURE OF APPLICANT) Buyer  
# 377-5788

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 5-11-87 Rue SONS PROCTORY - holes for certified holes. S. Hill

# THIS IS NOT A PERMIT

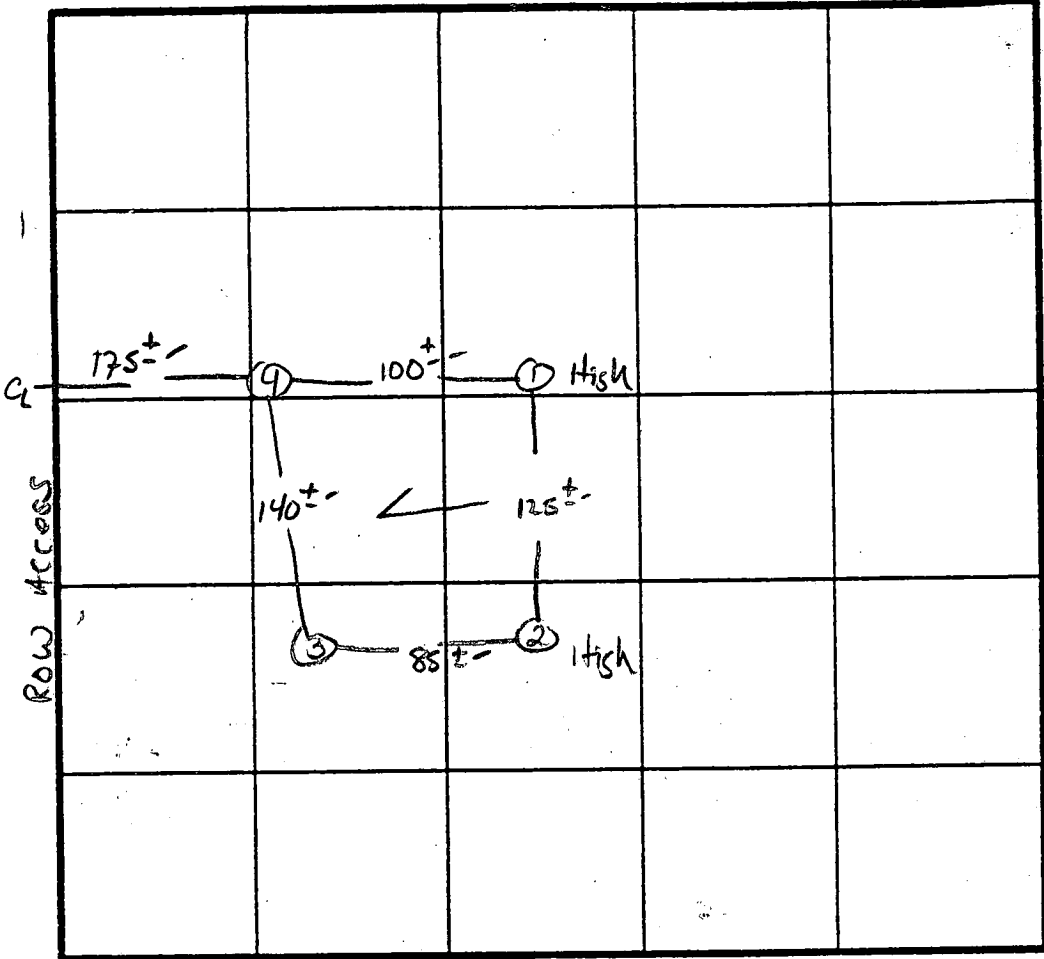
*MAY 11 7 21  
1:30 PM  
Patton*

*B.P. 14514  
SIGNED 9-16-87*

A39080

SOIL PROFILE

4" A1-3  
 Red Brown Silty CLAY LOAM  
 9-12% CLAY < 10% FRAS  
 Yellow Red Silty LOAM Slightly Micaceous  
 15-25% FRAS.



PERC 6 MIN  
 80% PER  
 INLET 4"  
 BOTTOM 6"  
 SHALLOW SYSTEM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 MORGAN WOODBINE Rd.

| DATE    | TEST NO. | DEPTH | PRE-WET                 |      | TEST - 1" DROP   |      | TIME   |
|---------|----------|-------|-------------------------|------|------------------|------|--------|
|         |          |       | START                   | STOP | START            | STOP |        |
| 5/11/87 | 1 S      | 4.5"  | 1:48                    | 1:51 | 1:51             | 1:55 | 4 MIN  |
|         | 1 M      | 8"    | 1:49                    | 1:53 | 1:53             | 1:59 | 6 MIN  |
|         | 1 V      | 13"   | UNIFORM Soil below 4"   |      |                  |      |        |
|         | 2 S      | 4.5"  | 1:02                    | 1:04 | 1:04             | 1:07 | 3 MIN  |
|         | 2 V      | 12.5" | UNIFORM Soil below 4"   |      |                  |      |        |
|         | 3 S      | 4.5"  | 1:04                    | 1:05 | 1:05             | 1:08 | 3 MIN  |
|         | 3 V      | 13"   | UNIFORM Soil below 3.5" |      |                  |      |        |
|         | 4 S      | 4.5"  | 1:10                    | 1:15 | 1:15             | 1:25 | 10 MIN |
|         | 4 V      |       | UNIFORM Soil below 4.0" |      | ROCKY AT ~11-12" |      |        |

REMARKS Glendy/Manok - Holes NOT PERC PLAT

TYPE OF SOIL \_\_\_\_\_

TESTED BY S. Abel ALSO PRESENT Fryles's Knowledge

EH-12-1079

Permit 14514

B.A. Rutledge

well elev at grade 565

FF Elev 575  
BE Elev 566

Inv. el. out of house 561.5 ✓  
100' ✓  
clo between house and tank x 2 Required  
Inv. el. into septic 560.5 ✓  
grade existing at septic 563.3 ✓

1350 gal. inv. el out of septic

Existing grade at dist. box 562.3 ✓  
Existing grade at trenches 562.3 ✓

inv. el. into dist. box 559.6 ✓  
inv. el. into trenches 559.1 ✓  
558.3 ✓

BLDG. PERMIT SIGNED AND RETURNED 9/22/87

886 14514

9/20/87

elevations ok w/ changes to inlet

886

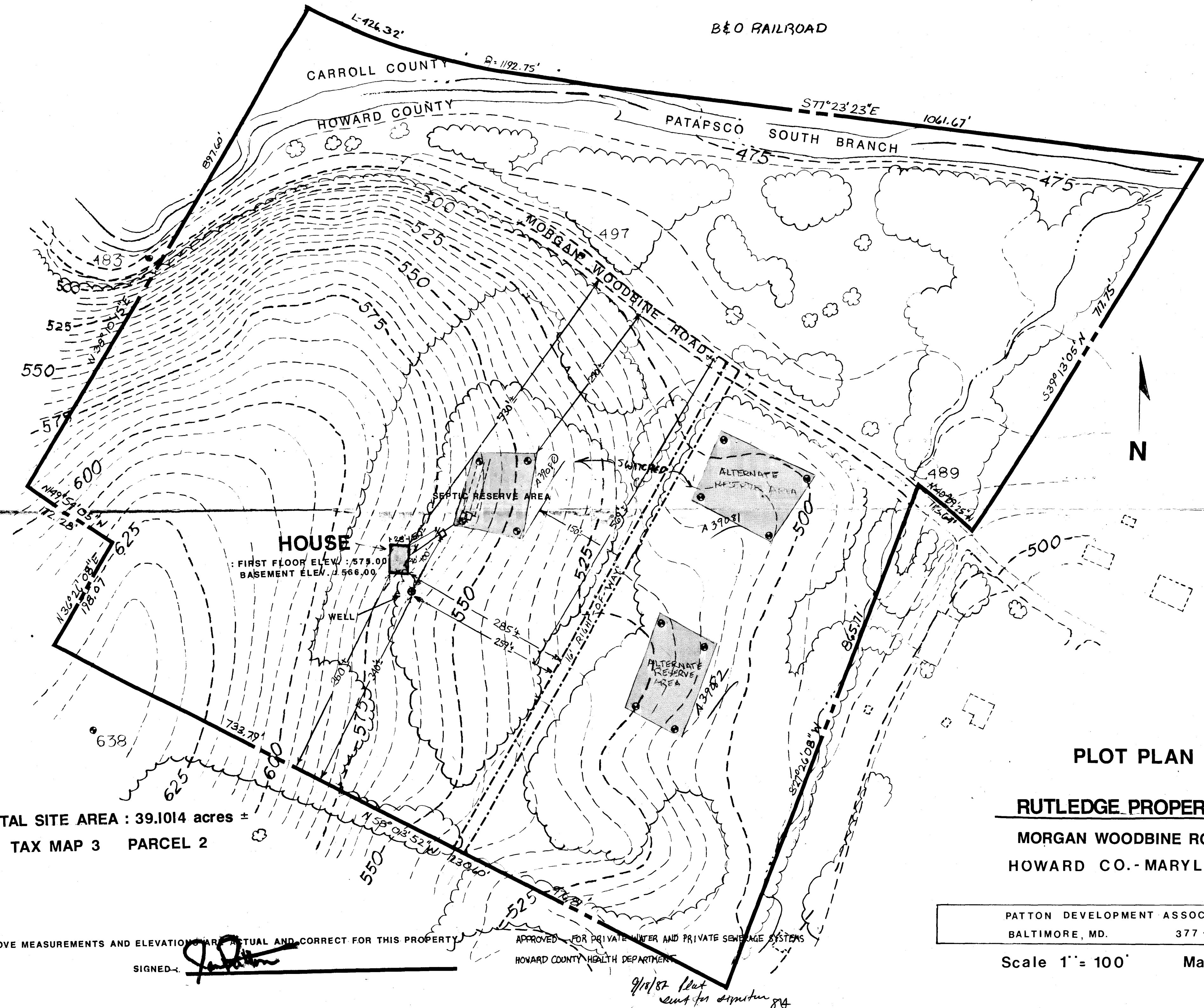
DRIVEWAY

125'

545' to Morgan - Woodbine rd. →

Right of Way

I certify that the above measurements are actual and correct for this property. B.A. Rutledge



TOTAL SITE AREA : 39.1014 acres  $\pm$   
 TAX MAP 3 PARCEL 2

**PLOT PLAN**  
**RUTLEDGE PROPERTY**  
 MORGAN WOODBINE ROAD  
 HOWARD CO. - MARYLAND

PATTON DEVELOPMENT ASSOC., INC.  
 BALTIMORE, MD. 377-5788

Scale 1" = 100' May 1987

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY

SIGNED: *[Signature]*

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

9/18/87 [Signature]  
 COUNTY HEALTH OFFICER DATE

