

9/28/82  
found

05-38805

9/28/82 App'd F.S.

# PERMIT

P 32189

A 31805

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th.

9/24/82  
Approved 11:00 please

DATE 9/28/82

## INDEX

R. L. O. Contractor \_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 13918 Highland Road, Clarksville, Md. PHONE 596-9394

SUBDIVISION Simpson Woods ROAD 7315<sup>th</sup> Meadow Wood Way LOT 10, Sec. 3

PROPERTY OWNER Gary & Iris Hegna  
9925 Cypressmede Drive

ADDRESS Ellicott City, Maryland

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRY WELL SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 165 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 250 FT. FROM rear LOT LINE AND 80 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM the front.

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM. LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND. CALL FOR 2 INSPECTIONS - BEFORE AND AFTER GRAVEL IS INSTALLED.

PLANS APPROVED BY D. W. Monaghan DATE 6/4/80

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

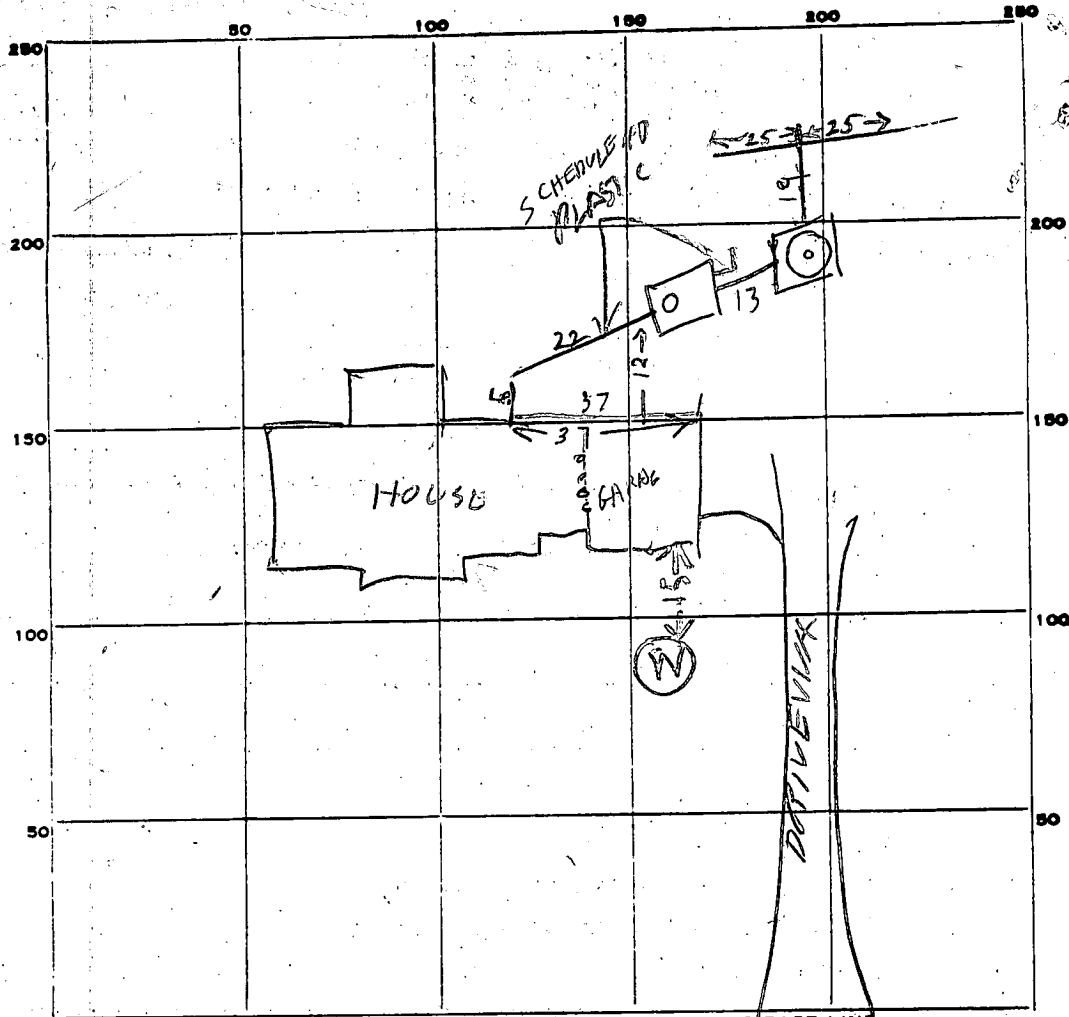
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

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

A3805



PERMIT CARD signed final OK J.S.

SEPTIC TANK, LEVEL OK 1500  
10x5 x 5 deep

CLEANOUTS ST / DW  
OK / OK

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 300  
ONE SIDE

SEEPAGE PITS, INSIDE DIAMETER 59 FT. DEPTH BELOW INLET 392 FT.

ABSORBENT AREA 660 SQ. FT.

REMARKS 9/24/82 LOCATION LOOKS OK PER PLANS

DW INLET 7 3/4 FT B.O.G.

165 SQ FT PER BED ROOM X 4 BR = 660 SQ FT

660 - 392 = 268 SQ FT NEEDED IN DITCH OK TO

COVER DW OK TO COVER TANK & PART OF DW

DIG DITCH 45 FT LONG 2 FT WIDE 18 IN DEEP 6 FT STONE - RH

9/24/82 330 RM - DITCH OK ADD STONE - RH

DATE SYSTEM APPROVED 9/28/82 INSPECTOR J. Simon

C1 4835 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 A26662

Date Received (WRA use only) Jan 8, 1981 DATE WELL COMPLETED

Depth of Well 245 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-37-3767

OWNER Landberg last name, first name, STREET OR RFD Suite 304... TOWN Columbia Md. 21044, SUBDIVISION Simson Woods SECTION 3 LOT 10

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Sand 0-55, Mica rock 55-245.

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N). TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS 15 NO. OF POUNDS 1410. GALLONS OF WATER 90. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 55 ft.

CASING RECORD. casing types insert appropriate code below. MAIN CASING TYPE ST (STEEL) CO (CONCRETE) PL (PLASTIC) OT (OTHER). Nominal diameter top (main) casing (nearest inch) 6. Total depth of main casing (nearest foot) 60.

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

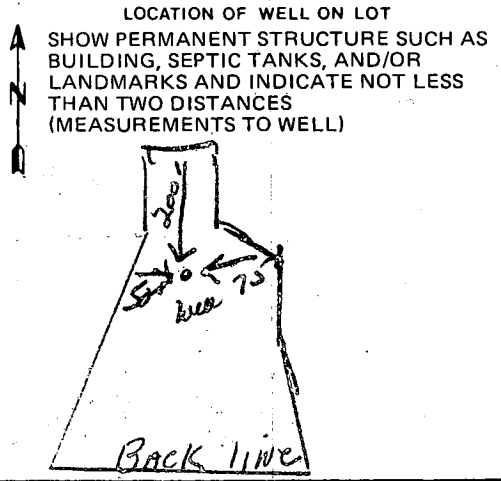
SCREEN RECORD. screen type or open hole insert appropriate code below. ST (STEEL) BR (BRASS) HO (OPEN HOLE) PL (PLASTIC) OT (OTHER). DEPTH (nearest ft.) 58, 245.

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

GRAVEL PACK. IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F).

PUMPING TEST. HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min. to nearest gal.) 4. METHOD USED TO MEASURE PUMPING RATE air. WATER LEVEL (distance from land surface) BEFORE PUMPING 4.5. WHEN PUMPING 5. TYPE OF PUMP USED (for test) A (air), P (piston), T (turbine), C (centrifugal), R (rotary), O (other), 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) 31-35. PUMP HORSE POWER 37-41. PUMP COLUMN LENGTH (nearest ft) 43-47. CASING HEIGHT (circle appropriate box and enter casing height) (+) above, (-) below. LAND SURFACE 2 (nearest foot).



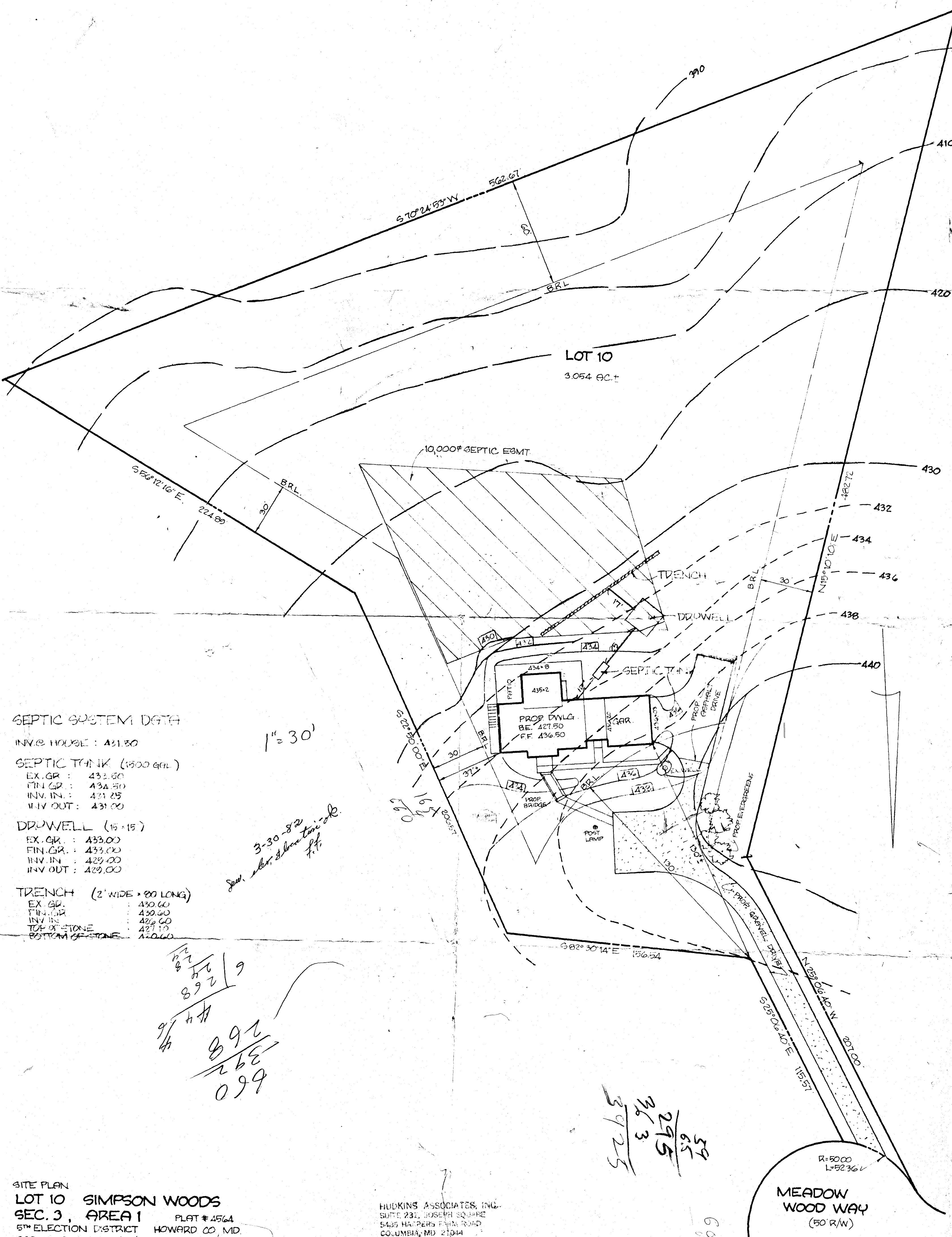
- CIRCLE APPROPRIATE BOX. [A] A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. [E] ELECTRIC LOG OBTAINED. [P] TEST WELL CONVERTED TO PRODUCTION WELL.

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. 238. DRILLERS SIGNATURE Joseph L. Magno. (MUST MATCH SIGNATURE ON APPLICATION)

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 (74, 75, 76). TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



**SEPTIC SYSTEM DATA**

- INV. @ HOUSE : 431.50
- SEPTIC TANK (1500 GALL.)**
  - EX. GR. : 433.50
  - FIN. GR. : 434.50
  - INV. IN. : 431.25
  - INV. OUT. : 431.00
- DRAWWELL (15'x15')**
  - EX. GR. : 433.00
  - FIN. GR. : 433.00
  - INV. IN. : 429.00
  - INV. OUT. : 429.00
- TRENCH (2' WIDE x 80' LONG)**
  - EX. GR. : 430.00
  - FIN. GR. : 430.00
  - INV. IN. : 429.00
  - TOP OF STONE : 427.10
  - BOTTOM OF STONE : 420.60

*3-30-82  
See plan, show tank ok.  
f.f.*

*82  
82  
892 | 9  
97  
4  
892  
268  
392  
099*

*59  
65  
295  
463  
5925*

**SITE PLAN**  
**LOT 10 SIMPSON WOODS**  
**SEC. 3, AREA 1** PLAT # 4564  
 5<sup>TH</sup> ELECTION DISTRICT HOWARD CO., MD.  
 SCALE: 1" = 30' 3/16/82

HUDKINS ASSOCIATES, INC.  
 SUITE 231, JOSEPH SQUARE  
 5435 HARRIS FARM ROAD  
 COLUMBIA, MD 21044

R=5000  
 L=5236'  
**MEADOW WOOD WAY**  
 (50' R/W)

*3/18/82 9:30 AM*

# APPLICATION

SEWAGE DISPOSAL TESTING

A 31805

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

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

DATE 3/3/82

*3/18/82 See specs. on A 26662  
Same location of highest testhole 555.*

BLDG. PERMIT SIGNED  
AND RETURNED 3/3/82  
*Serial 49013*

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 ~~John McDonough Builders~~ Gary & Iris Hegna  
ADDRESS 9925 Cypressmede Drive PHONE 992-4449  
Ellicott City, Md

PROPERTY LOCATION:

SUBDIVISION Simpson Woods LOT NO. 10, Section 3  
ROAD AND DESCRIPTION ~~9250~~ Meadow Wood Way  
*wrong address*

SIZE OF LOT 3 Acres TYPE BLDG. Residential ( 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. John McDonough Builders, Inc. By Dale M. Holters  
(SIGNATURE OF APPLICANT)

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

REJECTED BY *Stanger* FOR \_\_\_\_\_ DATE 3/8/82

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

REASONS FOR REJECTION OR HOLDING unable to perc new area

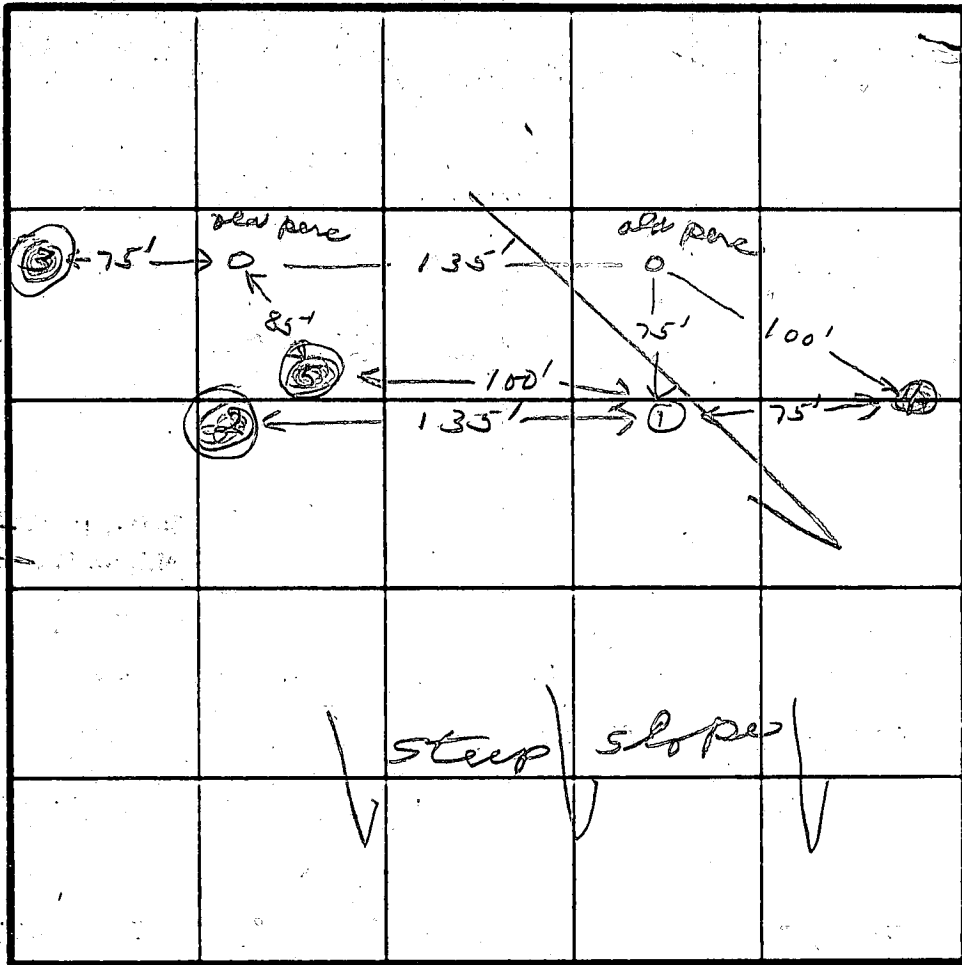
*45  
6  
10  
2*

*165  
4  
660*

## THIS IS NOT A PERMIT

① SOIL PROFILE

clay loam
3'
med loam
13
②
Hand packed sand
10'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3/8/82	15	4	10:55	10:57	10:57	10:59	2
	1M	8	10:55	10:58	10:58	11:05	7
	②	10	Hand sandy, no perc				
	③	4	2:04	both failed			
	3M	8	2:00				
	④	4	3:24	failed			
	4M	8	3:25	3:26	3:26	3:28	2
	⑤	6	Hand packed, no perc				

REMARKS \_\_\_\_\_

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

TESTED BY JS ALSO PRESENT omdariff

FIELD NO.

# APPLICATION

A 26662

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

14 min @ 4 1/2'

DISTRICT 5th

DATE 10/16/78

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

Septic Tank - 3 bedroom - 1000 gal  
" " " " " " 1250 gal

Dry Well - 165 sq ft absorbent sidewalk area per bedroom to  
begin below the first 4' of orig grade. Max depth permitted for this is 10' below  
orig grade

Place dry well 250 ft from rear lot line and 80 ft from rear side  
as seen when facing from the front.

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 PHASE II LTD.

ADDRESS 40 LANDBORG SUITE 304 TEACHERS BLDG. PHONE 730-0500  
COLUMBIA, MD. 21044

PROPERTY LOCATION:

SUBDIVISION SIMPSON WOODS - SECT. 3 LOT NO. 10, Sec. 3

ROAD AND DESCRIPTION SOUTHEASTERLY END OF MEADOW WOOD WAY

SIZE OF LOT 3.0 Ac. TYPE BLDG. RESIDENTIAL (4)  
NUMBER OF BEDROOMS 3 or

IF NOT SINGLE RESIDENCE DESCRIBE N/A

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC  
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Phase II Ltd. Landborg, Pres.

APPROVED BY [Signature] FOR [Signature] DATE 6-4-80  
(KIND OF SYSTEM)

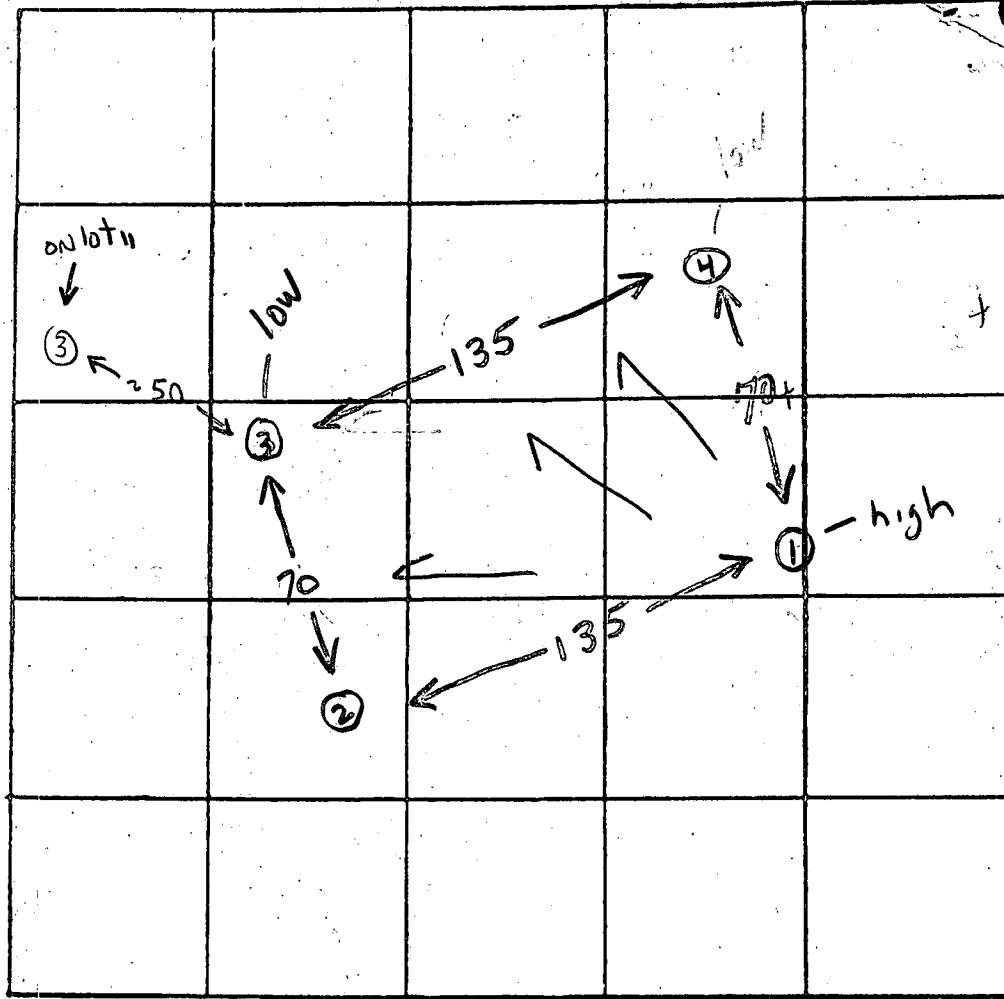
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

LOT 10



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

trenches  
trench 1 → 2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/7/78	15	4	12 <sup>29</sup> <sub>6</sub>	12 <sup>48</sup>			
	10 -H	12	12 <sup>29</sup>	12 <sup>35</sup>	12 <sup>35</sup>	12 <sup>43</sup>	8
	25	13'	VISUAL - SIMILAR				
	20						
	35 -L	4	10 <sup>24</sup>	10 <sup>28</sup>	10 <sup>28</sup>	10 <sup>36</sup>	8
	30 -L	14	10 <sup>24</sup>	10 <sup>37</sup>	10 <sup>37</sup>	11 <sup>06</sup>	29
	45	3	12 <sup>14</sup>	12 <sup>31</sup>	15 minutes - no drop		
	40	12 1/2	12 <sup>14</sup>	12 <sup>22</sup>	12 <sup>22</sup>	12 <sup>42</sup>	20
	OK 4M	4 1/2	12 <sup>24</sup>	12 <sup>37</sup>	12 <sup>37</sup>	12 <sup>48</sup>	9
	1M -H	5	12 <sup>55</sup>	12 <sup>58</sup>	12 <sup>58</sup>	1 <sup>06</sup>	8

14 min  
4 1/2 → 10 1/2

Hard pack bottom

REMARKS heavy woods (23 3 AS stated)  
 TYPE OF SOIL sandy loam below clay  
 TESTED BY GLR 3 RD ALSO PRESENT: Ketterman