

11/3/99  
10:00  
(10:00)  
12/30/99  
12/1/00 C.O.  
219100  
1000 C.O.  
2/16/00 10:00

Pump Test 6/29/00 9:30  
Tank Placement 10am

Tax ID = 03-317765

# PERMIT

## INDEXED

P 513202

A 39721

### SEWAGE DISPOSAL SYSTEM

#### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT \_\_\_\_\_

DATE 12/30/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

DATE SYSTEM APPROVED 6/29/00

INSPECTOR ALL

*Arnold's Backhoe*

*416-875-5840  
WESTMINSTER  
+ NICKOLLS/WARNER*

Arnold's Backhoe & Septic Service, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 7110 Woodbine Road Woodbine MD 21797 PHONE (410) 795-7873

SUBDIVISION Hawksfield LOT 21 ROAD 3109 Old Oak Drive

PROPERTY OWNER Keswick Homes BRIAN ENGLE

ADDRESS \_\_\_\_\_

TOP SEAMED TANK REQUIRED  
SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

### PUMPED SEPTIC SYSTEM PROPOSED

- INSTALL: - 1-1500 Gallon Top Seamed Pump Chamber
- NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 180 feet off the 441.40' lot line and 255 feet off the 215' lot line as seen from Old Oak Drive. Run trenches along contour in both

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK SRK 8/19/99

*OK to move Dist Box to fit 6 trenches, 50ft long each & center feed job. & place in North Eastern corner of S.D.B. West portion of S.D.B. not due to deep grading. Problem around sign. Also Septic line crosses on the lot line 9" below grade - Need inspector permits from basement and set tanks deeper than 3 1/2 or 4 ft below grade. 11/12/00*

PLANS APPROVED BY Donna K. Soe DATE 7-21-1999

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.

### BUILDING PERMIT SIGNED AND RETURNED

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFIED OR 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

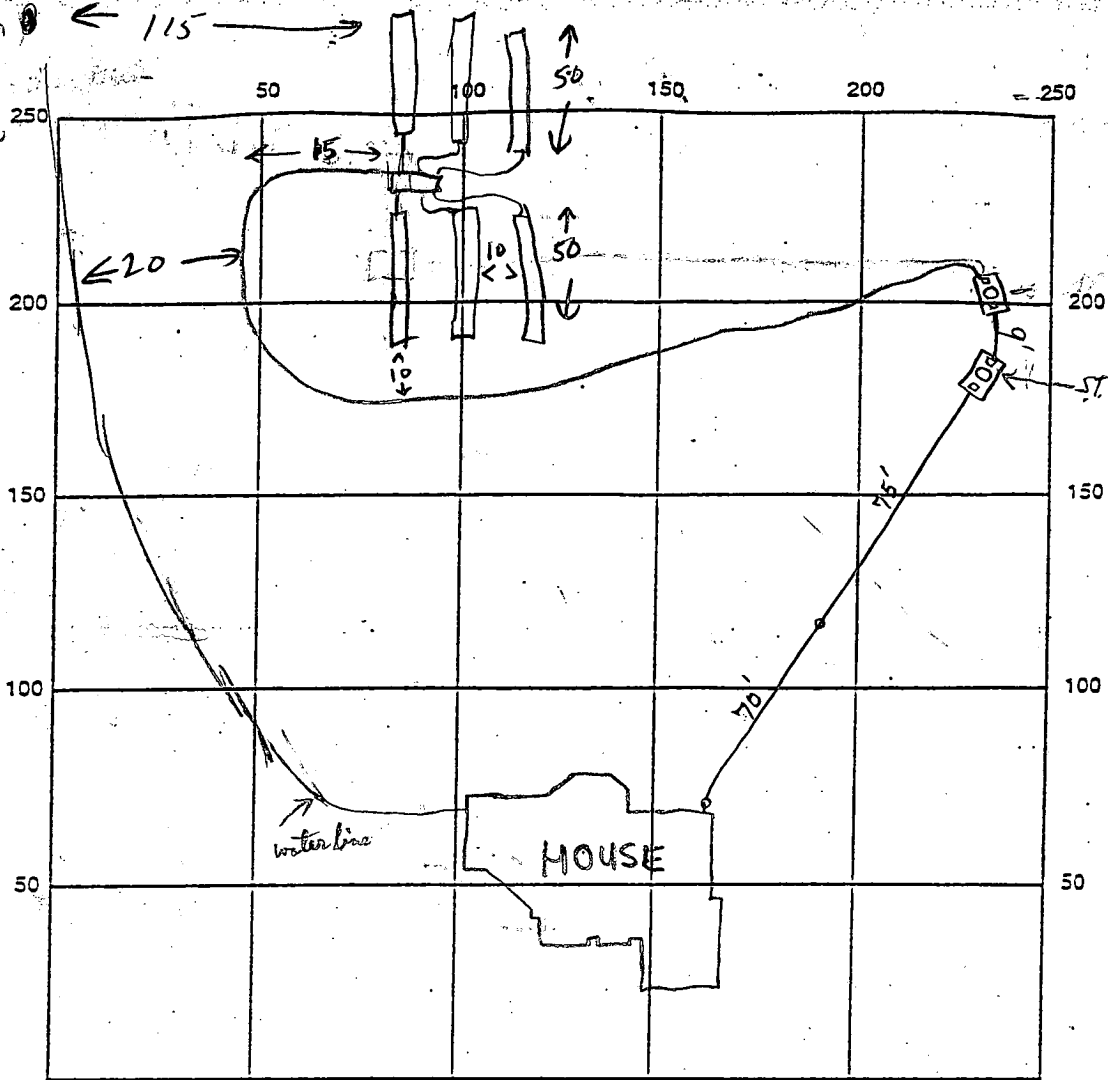
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

NO-94-2289  
 LABEL IS FURTHER BACK  
 THIS SHOW IN THIS DIAGRAM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 OLD OAK DRIVE

Pump Classifier  
 SEPTIC TANK LEVEL 1500 gal Top Seamed one chamber  
1500 gal Top Seamed one compartment CLEANOUTS HSE, Midway (Co. + Manhole riser on hill ST + PC)

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 6 @ 50' ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 1/3/2000 CONTRACTOR ASKED BUILDER TO STAKE SEPTIC AREA PRIOR TO INSTALLATION  
MANHOLE CLEANOUTS WILL BE REQUIRED IF > 3' COVER ON TOP OF TANK (SRK)

Both Tank Set OK, House Connection OK. 11/29/00 Dry hipped cement around outside of Manhole risers - Don't cover until  
Cement wet then set. OK to cover Supply line as far as S.T. 11/29/00

TRENCHES COMPLETE OK TO COVER. EFFLUENT PUMP, <sup>STILL</sup> TO BE INSTALLED & TESTED. 2/16/00CW)  
1/29/00 Per contractor - pumps/alarm work - inspector never showed so syst

DATE SYSTEM APPROVED 6/29/00 INSPECTOR A. McMillan  
 approved  
 pump test

TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY 1"=200'  
 PHOTOGRAMMETRY AND SHOULD BE VERIFIED PRIOR TO EXCAVATION.

DESIGNATES BUILDING RESTRICTION LINE  
 DESIGNATES SUCCESSFUL PERC TEST  
 DESIGNATES FAILED PERC TEST  
 DESIGNATES LIMIT OF DISTURBANCE  
 DESIGNATES SILT FENCE

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED  
 BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR  
 DUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS  
 AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE  
 RESTRICTIONS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC  
 SEWER 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. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE  
 SEWER EASEMENT.

AREA DISTURBED: 23,300<sup>±</sup>

IF SEWER SERVICE IS NOT AVAILABLE TO BASEMENT  
 1ST FLOOR. A PUMPED SEPTIC SYSTEM IS REQUIRED.

6.  REVISED PRIVATE SEWAGE EASEMENT

LOT 22

LOT 21  
 3,656 AC.±

24' L.F. 18"  
 RCCP @ 2.0%  
 INV. IN: 477.28  
 INV. OUT: 476.80

22' L.F. 12"  
 RCCP @ 2.0%  
 INV. IN: 476.84  
 INV. OUT: 476.40

10' L.F. LEVEL  
 RIP-KAR APPROX.  
 d<sub>50</sub> = 6"  
 depth = 13 1/2"  
 111.66'

Changed elevations for ST & P.C.  
 + revised S.D.A.  
 LOT 20  
 Approved Septic System Plan  
 Howard County Health Department  
 Signature: *[Signature]*  
 Date: 1/21/2000

SEPTIC SYSTEM DATA

SEPTIC TANK	PUMP PIT
EX. GRADE 480.0	EX. GRADE 480.0
FIN. GRADE 480.0	FIN. GRADE 480.0
INV. IN 475.55	INV. IN 480.0
INV. OUT 479.30	INV. OUT 480.0

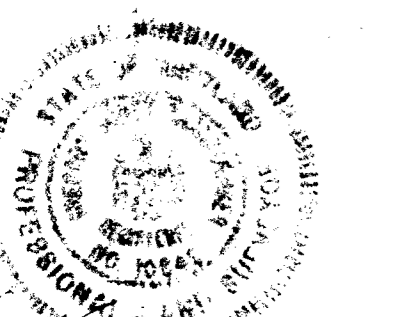
DISTRIBUTION BOX

EX. GRADE 492.0	EX. GRADE 492.0
FIN. GRADE 492.0	FIN. GRADE 492.0
INV. IN 489.1	INV. IN 489.1
INV. OUT 489.1	INV. OUT 489.1

TRENCHES

	#1	#2
EX. GRADE	492.0	492.0
FIN. GRADE	492.0	492.0
INV. IN	490.3	490.3
BOTTOM		
LENGTH	50'	50'

	#5	#6
EX. GRADE	491	491
FIN. GRADE	491	491
INV. IN	488.5	488.5
BOTTOM		
LENGTH	50'	50'



*[Signature]*  
 ABERGER & LANE  
 TOWN & COUNTRY BLVD.  
 SUITE 201  
 BETHESDA, MD. 21043  
 (301) 461-9563

REVISED  
 SITE PLAN  
 LOT 21  
 HAWKSFIELD ES  
 PLAT #10443  
 THIRD ELECTION DISTRICT, HOWARD  
 TAX MAP 16 & 23, PARCEL 40

C1 - 03785

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A39721

ST/CO USE ONLY DATE RECEIVED 07 21 99

DATE WELL COMPLETED 07 02 99

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2289

OWNER: Digi Data Corp. STREET OR RFD: Emerald Valley Dr. TOWN: West Friendship. SUBDIVISION: Hawksfield Est. SECTION: LOT: 21

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include: Dirt, Br. Clay & Sand, Soft Br. Sand, Hard Br. Sand, Stone, Hard Blue & Br. Sandstone, Hard Blue & Br. Sandstone, Hard Blue, Blk Laced w/Br. Sandstone, Hard Br. Sandstone.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS: 31. NO. OF POUNDS: 2774. GALLONS OF WATER: 186. DEPTH OF GROUT SEAL: 0 to 60 ft.

CASING RECORD: (S) STEEL, (C) CONCRETE, (P) PLASTIC, (O) OTHER. MAIN CASING TYPE: ST. Nominal diameter: 6 inch. Total depth: 61 feet.

OTHER CASING (if used): PL 4 inch diameter, 15 to 95 feet depth; PL 4 inch diameter, 105 to 175 feet depth.

SCREEN RECORD: (S) STEEL, (B) BRASS, (H) OPEN HOLE, (P) PLASTIC, (O) OTHER. Screen type: PL. Diameter of screen: 4 inch. Slot size: .010.

PUMPING TEST

HOURS PUMPED: 3. PUMPING RATE: 12 gal. per min. METHOD USED TO MEASURE PUMPING RATE: Submersible. WATER LEVEL: 19 ft before, 40 ft when pumping. TYPE OF PUMP USED: S submersible.

PUMP INSTALLED

DRILLER WILL INSTALL PUMP: YES (N). TYPE OF PUMP INSTALLED: S. CAPACITY: 31 GALLONS PER MINUTE. PUMP HORSE POWER: 37. PUMP COLUMN LENGTH: 41. CASING HEIGHT: + above.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y), NO (N)

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted to production).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO.: MWD 296. DRILLERS SIGNATURE: Ronald Kyker.

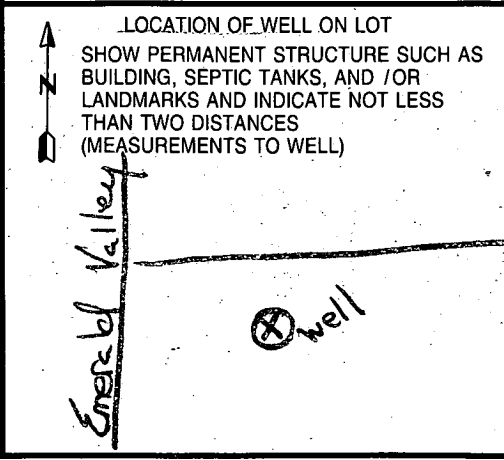
LIC. NO.: MWD 296. DRILLERS SIGNATURE: Ronald Kyker.

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Table with columns: Casing Height (T, E, A, C, H, S, R, E, N), Depth (nearest ft.). Rows: PL 55-65, PL 95-105, PL 165-175.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68. Diameters: 55, 195.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER). TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



**B 1** 8669 SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

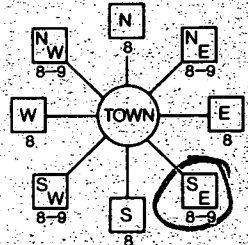
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
HO-94-2289  
 fill in this form completely

Date Received (APA) 05.28.99  
**OWNER INFORMATION**  
DIGIT-DATA HOLDINGS  
 15 Last Name 21 Owner 27 First Name 34  
9891 BROOKENLAND PARKWAY  
 36 Street or RFD 55  
COLUMBIA 57 Town 70 State 72 MD 21048 76 Zip

**B 3** LOCATION OF WELL  
HOWARD 8 COUNTY 21  
HANKSFIELD ESTATES 23 SUBDIVISION 42  
 SECTION 1 44 46 LOT 21 48 50  
NEST FRIENDSHIP 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 2 73 M 76 77 78

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD  
Donald Kyker 296  
 Driller's Name 77 License No. 80  
Wastminter Pottery Well Drilling  
 Firm Name  
P.O. Box 861, Wastminter, Md 21158  
 Address  
Donald Kyker 5/15/99  
 Signature Date

**B 4**  
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD? Emerald Valley Rd 11 30  
OLD OAK DRIVE  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  NORTH   
 WEST  WEST  EAST  EAST   
 SOUTH  SOUTH   
 DISTANCE FROM ROAD 300 34 37  
 ENTER FT OR MI FT 38 39  
 TAX: MAP 16 BLK: 20 PARCEL: 258

**B 2** WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 450  
 14 20

**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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard Co A49721  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  41  
 DATE ISSUED 06/16/99 A. M. Melle 6/16/00  
 43 48 CO SIGNATURE EXP. DATE  
 NORTH GRID: 520000 EAST GRID: 820000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET.  
 24 28

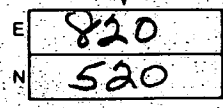
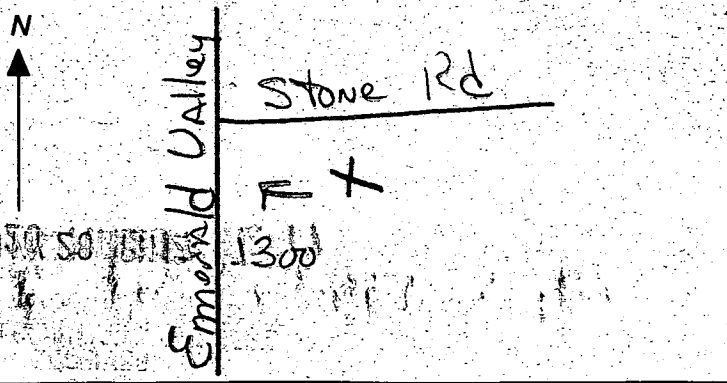
APPROXIMATE DIAMETER OF WELL 6 INCH  
 NEAREST INCH

**METHOD OF DRILLING** (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTary  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
 APPROX. PERMIT NUMBER \_\_\_\_\_ 54 63  
 FORCE AM WRITE INITIALS IN BOX PERMIT No. HO-94-2289  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. City  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
  
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
  
 7/2/99 12:00  
 31 Bags location one  
 60.6" Open hole  
 Grout 11:30 am  
 done prior to arrival for insp

# APPLICATION

PERCOLATION TESTING

A 39721  
P \_\_\_\_\_

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

*8/12/87  
perc OK pending  
approved plan  
(B)*

DISTRICT \_\_\_\_\_  
DATE 7/15/89

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 RONALD S. LANEVE *Keswick Homes*

ADDRESS 11799 TRIADDELPHIA ROAD PHONE 301-531-6161  
ELLICOTT CITY, MARYLAND 21043

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: \_\_\_\_\_  
SUBDIVISION \_\_\_\_\_ LOT NO. 78 *177 37*

ROAD AND DESCRIPTION SOUTH OF MARYLAND ROUTE 144 AND SOUTHEAST OF TRIADDELPHIA ROAD (3109 EMERALD VALLEY ROAD)

TAX MAP 16923 PARCEL # 40  
SIZE OF LOT 4 ACRES

~~BLDG. PERMIT SIGNED~~  
~~AND RETURNED 7-21-89~~  
*Serial # B111 9175*  
*SFD - 4 Bldg*  
(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. *Ronald Laneve*  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING FOR FIELD LOCATED HOLES  
F. PLAT MOSTLY LOW LYING  
(KEEP SYSTEM - SHALLOW)

# THIS IS NOT A PERMIT



# APPLICATION

PERCOLATION TESTING

A 39721  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 21 Preliminary  
18 on 2

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG \_\_\_\_\_  
(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.

(SIGNATURE OF APPLICANT)

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

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

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

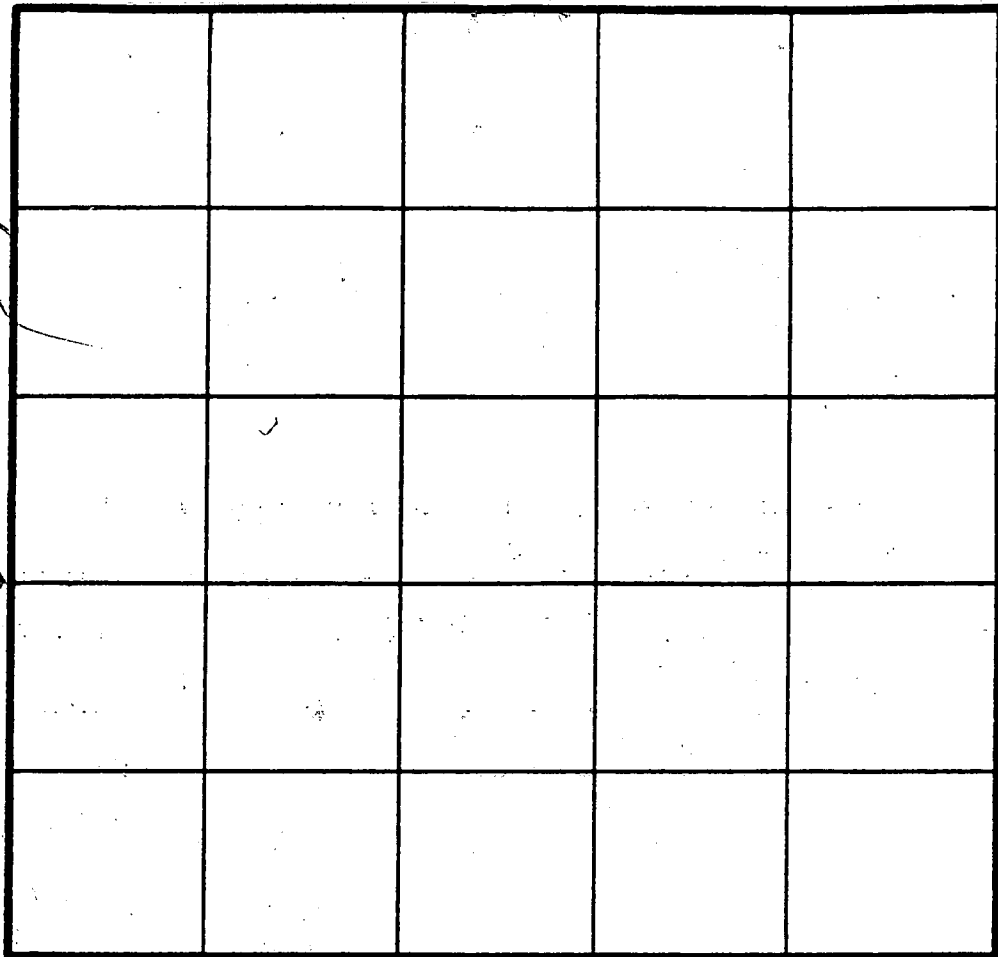
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

Σ  
SOIL PROFILE

0'  
tan / brown  
silty clay  
loc 3'  
powdery  
tan / light  
colored  
silty mica  
loc  
↓  
13'D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

F  
tan / brown  
silty clay  
3'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/2/87	F	2'S	405	406	406	408	
		6' M	403	404	404	406	2min
		9'D	hard bottom				
	G	3 1/2	408	409	409	411	2min
		12 1/2	bottom (see profile)				

15% s - med  
mic shud  
frag throughout  
w/ powdery  
silty mica  
hard  
9'D

G  
tan / orange  
silty mic  
loc little  
clay  
↓  
12 1/2'

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

# EMERALD VALLEY ROAD

10' REVERTIBLE SLOPE EASEMENT

F.90-05

PRIVATE USE-IN-COMMON ACCESS ESM'T FOR LOTS 17 THRU 22

FOR CONTINUATION SEE SHEET 3 OF 7

LOT # 4

LOT # 22

OAK DRIVE

LOT # 5

PROPE KENNETH L. 58

OLD OAK DRIVE  
N 47° 48' 24" W, 54.59'  
N 25° 52' 00" W, 109.21'  
20' DRAINAGE & UTILITY EASEMENT  
ETLAND BUFFER 45.99'

98 N 46° 46' 23" E 285.00'

97 N 21° 40' 55" E 240.34'

20' DRAINAGE & UTILITY EASEMENT  
LOT # 21  
3.656 Ac.  
N 18° 29' 41" W, 55.51'  
N 08° 55' 58" W, 70.86'

N 20° 57' 21" W, 50.33'  
N 37° 33' 01" W, 124.41'

104 N 21° 40' 55" E 240.34'

574° 51' 19" E 311.09'

512° 06' 15" W 441.40'

EL: 477.80  
N 65° 33' 22" E, 24.17'

EL: 477.09  
S 57° 39' 07" E, 35.51'

EL: 477.70  
S 12° 31' 44" E, 92.20'

EL: 475.09  
75' & STREAM BUFFER

USE-IN-COMM EASEMENT FOR EGRESS LOTS 18, 19, 20, 21 & L. 2208, F. 000

164

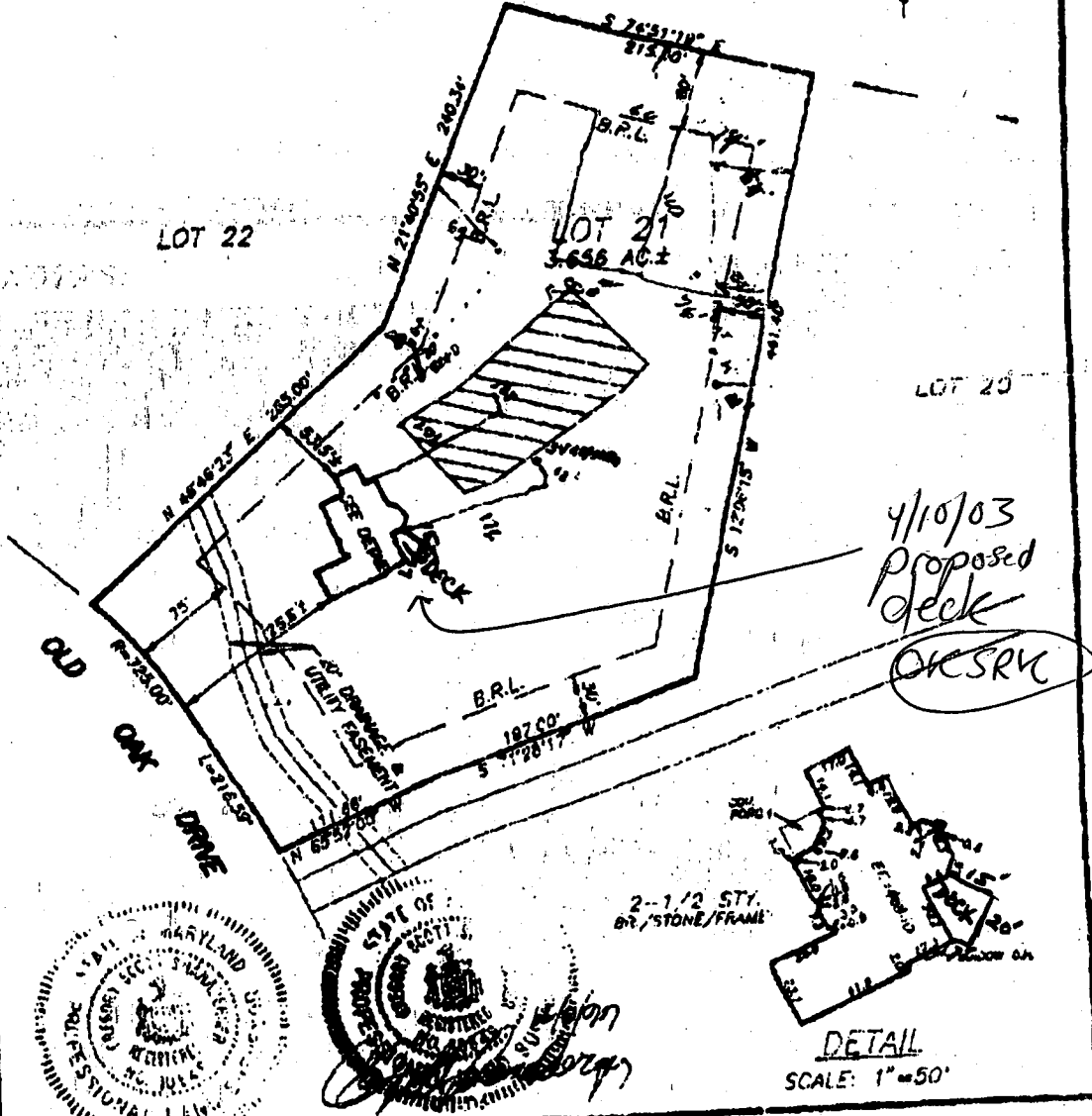
6

LOT # 22

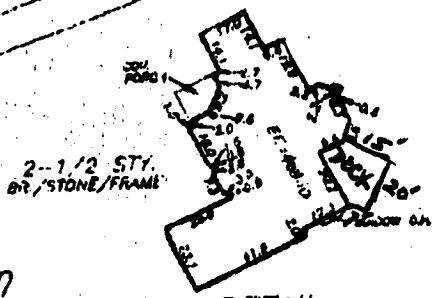
### NOTES:

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING.
2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
5. ACCURACY OF SETBACK DIMENSIONS: 0.3'
6. ACCURACY OF ELEVATIONS: 0.2'

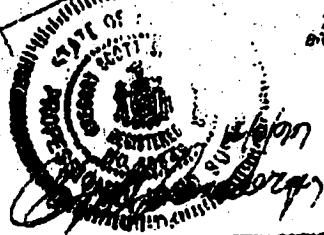
THE PROPERTY SHOWN HEREBY LIES IN ZONE C AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 2107-44-0016-D DATED: DEC. 4 1986



4/10/03  
Proposed deck  
OKSRK



DETAIL  
SCALE: 1"=50'



I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY AND CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

*James M. Shanberger*  
SHANBERGER & LANE  
8726 TOWN AND COUNTRY BLVD.  
SUITE 201  
ELLCOTT CITY, MD. 21043

### LOCATION DRAWING

LOT 21  
"HAWKSFIELD ESTATES"  
LOTS 1-23  
PLAT #10443

ELECTION DISTRICT: THIRD  
COUNTY: HOWARD  
SCALE: 1"=100'  
DATE: DEC. 6 1999