

1-13-98
3:00 C.O.

6.4.98

PERMIT

SEWAGE DISPOSAL SYSTEM

P 59301

A 38463

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 4th

04-347099

DATE 1/7/97

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~464-9933~~

410-313-2640

DATE SYSTEM APPROVED 1/16/98

INDEXED

INSPECTOR [Signature]

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144 Woodbine, Maryland 21797

PHONE (410) 442-1336

SUBDIVISION Cole Property LOT 2 ROAD 15700 Bushy Park Road

PROPERTY OWNER Helen M. Brunner

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet $4\frac{1}{2}$ feet below original grade. Bottom maximum depth $6\frac{1}{2}$ feet below original grade. Effective area begins at $4\frac{1}{2}$ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Shallow System Only. Beginning from the right front lot corner, start the first trench 260 feet down the right lot line and 55 feet off the right line as seen when facing property from Bushy Park Road. Run trenches along contour towards the left lot line.

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

OK Km 6-16-97

PLANS APPROVED BY Bert Nixon/Mark Rifkin

REVISED DATE 06/13/97

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.

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 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**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

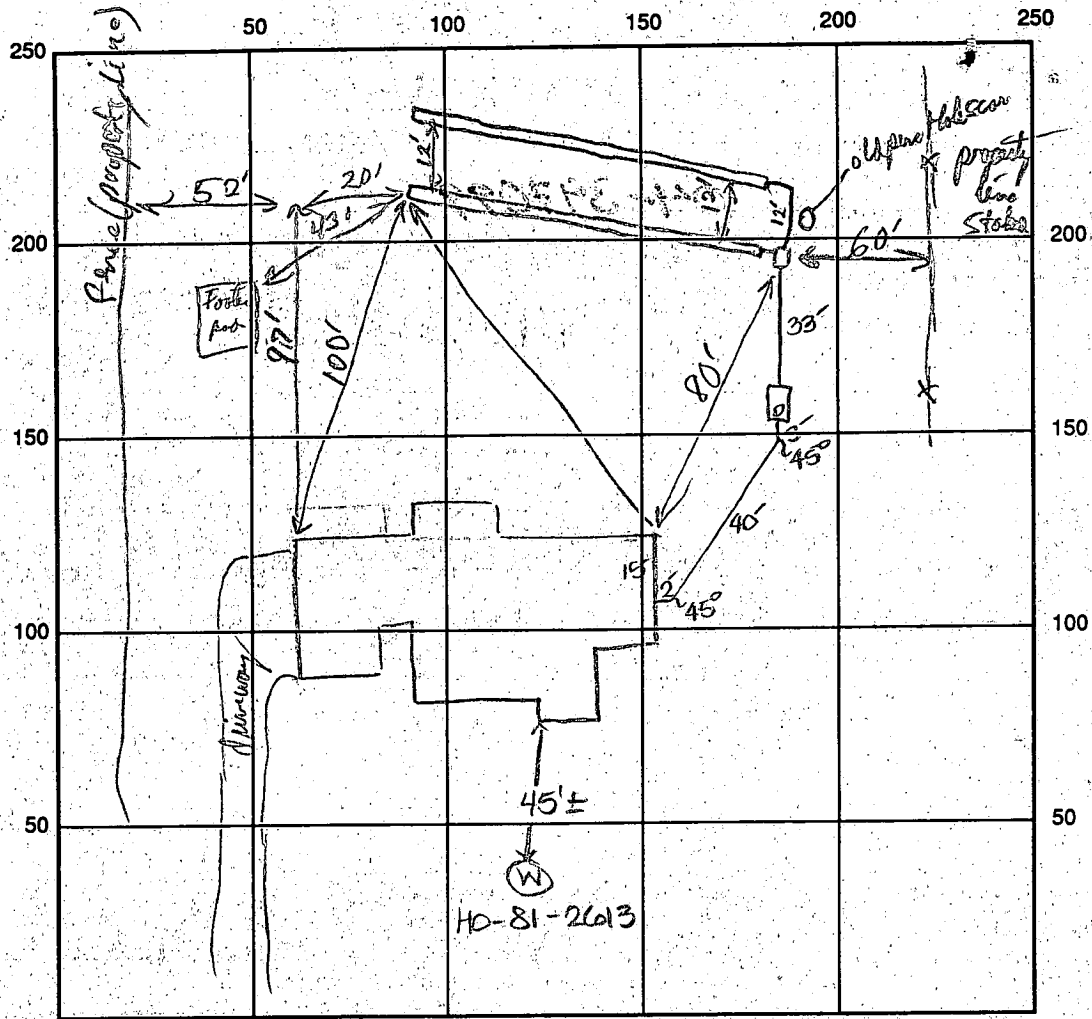
BLDG. PERMIT SIGN D

AND RETURNED 2-10-99

Serial # 210116109

Shed

A 38463



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Bushy Park Road

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS one on site. OK L₆₀

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 105' / 105' FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 1/13/98 OK to cover from house to dist. box - OK to continue. DKS site too hard, for precise pacing. Trench's gravel filled, OK to cover after placing paper cover on gravel. 1/16/98

DATE SYSTEM APPROVED 1/16/98 INSPECTOR [Signature]

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 38463
P _____

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

DISTRICT _____

DATE 1/10/87

*2/21/87
perc OK'd pending
approved plat*

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 Cole

ADDRESS 15751 Bushey Park Road PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cole Property LOT NO. 3 *final lot 2*

ROAD AND DESCRIPTION North east corner of Daisey Road and Bushy Park Road

SIZE OF LOT 3 acre TYPE BLDG. SFD
(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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY B Nylon FOR SHALLOW ONLY DATE 2/11/88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified field located holes & approved plat

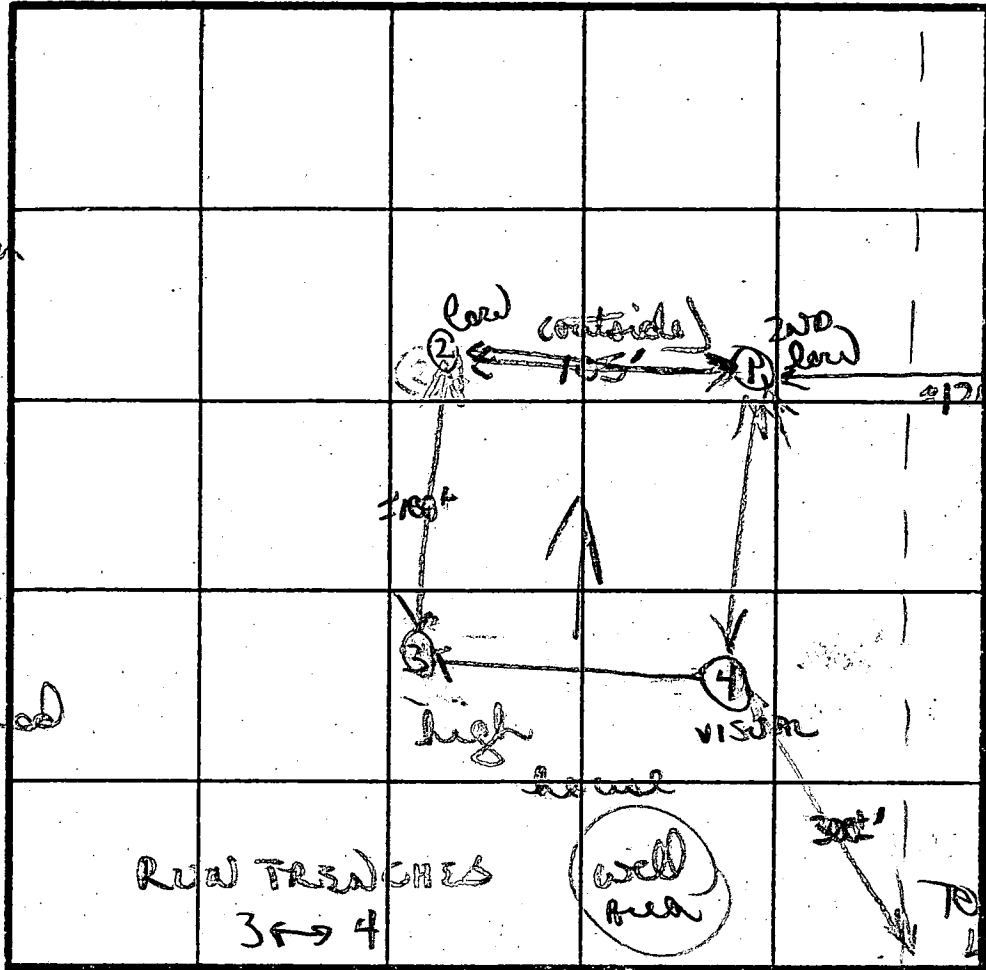
THIS IS NOT A PERMIT

Lot 3

210
~~87 D/BDRM~~
 TOWLET 4'
 MAX 6 1/2'D
 X = 9mm

①
 SOIL PROFILE

orange/brown
 clay 2 1/2'
 to clay
 loam w/
 10% small
 frags mm
 4'
 to brown
 orange
 silty loam
 w/ 15% small
 frags 7'
 1 1/2' hard



②
 orange/brown
 to purple clay
 to clay loam
 w/ 15% small-
 size frags mm
 to purple 5'
 silty loam
 w/ 5-10%
 small frags
 12'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BUSHY PARK RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/27/87	①	4' S	1151	1153	1153	1156	3min
		11 1/2' D	hard	bottom	(see profile)		
	②	4' S	1152	1155	1155	1200	5min
		11 1/2' D	hard	bottom	(see profile)		
	③	4 1/2' S	1203	1214	1214	1241	27min
		7 1/2' M	1203	1204	1204	1206	2min
		12' D	hard	bottom	(see profile)		
	④	VISUAL ONLY					
		12' D	(hard bottom)				

②
 orange clay
 3'
 to orange
 tan silty
 loam w/
 layers 15%
 small-size
 frags 9'
 210% frags
 1 1/2' hard

③
 orange/purple
 clay 3'
 w/ 10% small
 mm frags 5'

REMARKS
 TYPE OF SOIL
 TESTED BY

perc shifted 100° uphill than original
 orange/brown clays 3'+, brown/orange/tan silty loams
 w/ 5-15% frags
 B Nufan
 ALSO PRESENT skip

B 1 **6967** SEQUENCE NO. (DP USE ONLY)
THE NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

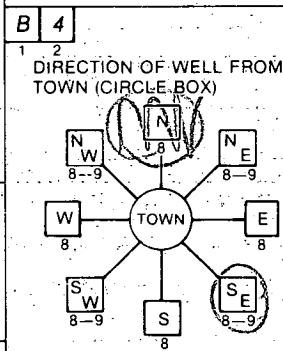
STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-81-2613
fill in this form completely

Date Received (APA) **03/11/88**
OWNER INFORMATION
Last Name: **COLE** Owner: **JOHN R** First Name: **JOHN R**
Street or RFD: **15751 BUSBY Park Rd**
Town: **Montebello** State: **MD** Zip: **21297**

B 3 LOCATION OF WELL **R-41204**
40.00
3/11/88
COUNTY: **HOWARD**
SUBDIVISION: **COLE PROPERTY**
SECTION: **2** LOT: **2**
NEAREST TOWN: **LABSON**
MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
Driller's Name: **George F. Easterday** License No. **40**
Firm Name: **L. Franklin Easterday, Inc.**
Address: **9265 Brown Church Rd., Mt. Airy, Md. 21771**
Signature: *George F. Easterday* Date: **3/8/88**



NEAR WHAT ROAD: **Büshy Park Rd.**
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):
NORTH, WEST, SOUTH, EAST. Circled: WEST.
DISTANCE FROM ROAD: **170** FT or MI **FT**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME: **HOWARD** COUNTY NO.: **A 38463**
STATE SIGNATURE: _____ DATE ISSUED: _____
CO SIGNATURE: **B. Naylor** EXP. DATE: **09/16/88**
NORTH GRID: **530 0 0 0** EAST GRID: **078 3 0 0 0**

APPROXIMATE DEPTH OF WELL: **300** FEET

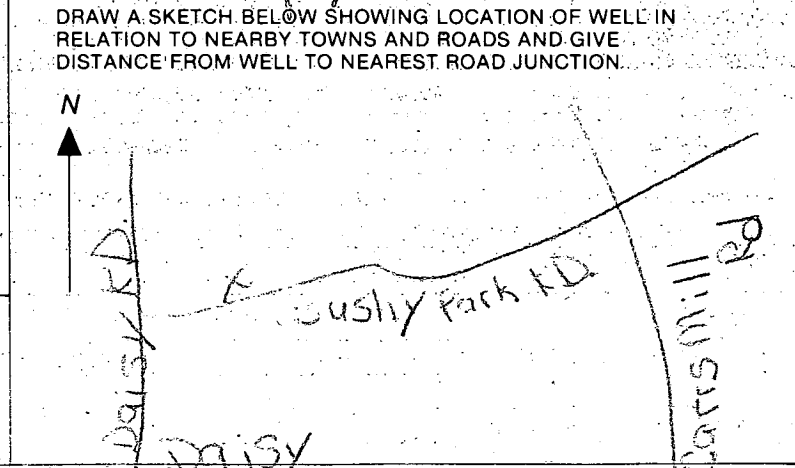
APPROXIMATE DIAMETER OF WELL: **6** INCH

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 DEEPEINED 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 DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER: _____ GAP _____
FORCE WRITE INITIALS IN BOX PERMIT No. **40-81-2613**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER:
1. well
2. _____
3. _____
WRITE THE BOX NUMBER FROM THE MAP HERE:
N **7803**
E **5309**



C1 1852

SEQUENCE NO. (DENV 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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 090696

Depth of Well 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2613

OWNER VAN COTT, PATRICIA last name first name STREET OR RFD BUSHY PARK RD TOWN SUBDIVISION SECTION LOT 2

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and Check if water bearing. Includes handwritten entries: AMENDED Report, Installed 4" PVC liner, 200'-180' pipe, 180-170 screen (1020), 170-60 pipe, 60-50 screen, 50-10 pipe.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BEANTONITE CLAY BC, NO. OF BAGS 45, NO. OF POUNDS 46, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form: casing types ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form: diameter, depth.

SCREEN RECORD form: screen type or open hole (ST, BR, HO, PL, OT), SLOT SIZE, DIAMETER OF SCREEN.

PUMPING TEST form: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED (air, piston, turbine, centrifugal, rotary, other, jet, submersible).

PUMP INSTALLED form: DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED form: yes (Y), no (X).

CIRCLE APPROPRIATE LETTER: A (ABANDONED), E (ELECTRIC LOG), P (TEST WELL CONVERTED).

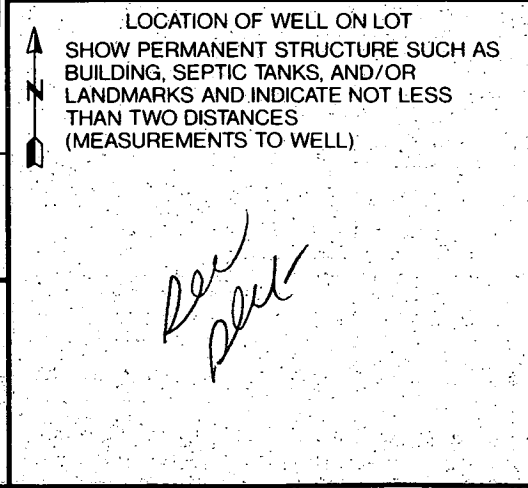
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS' IDENT. NO. 40, DRILLERS' SIGNATURE (L. David Easterday), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

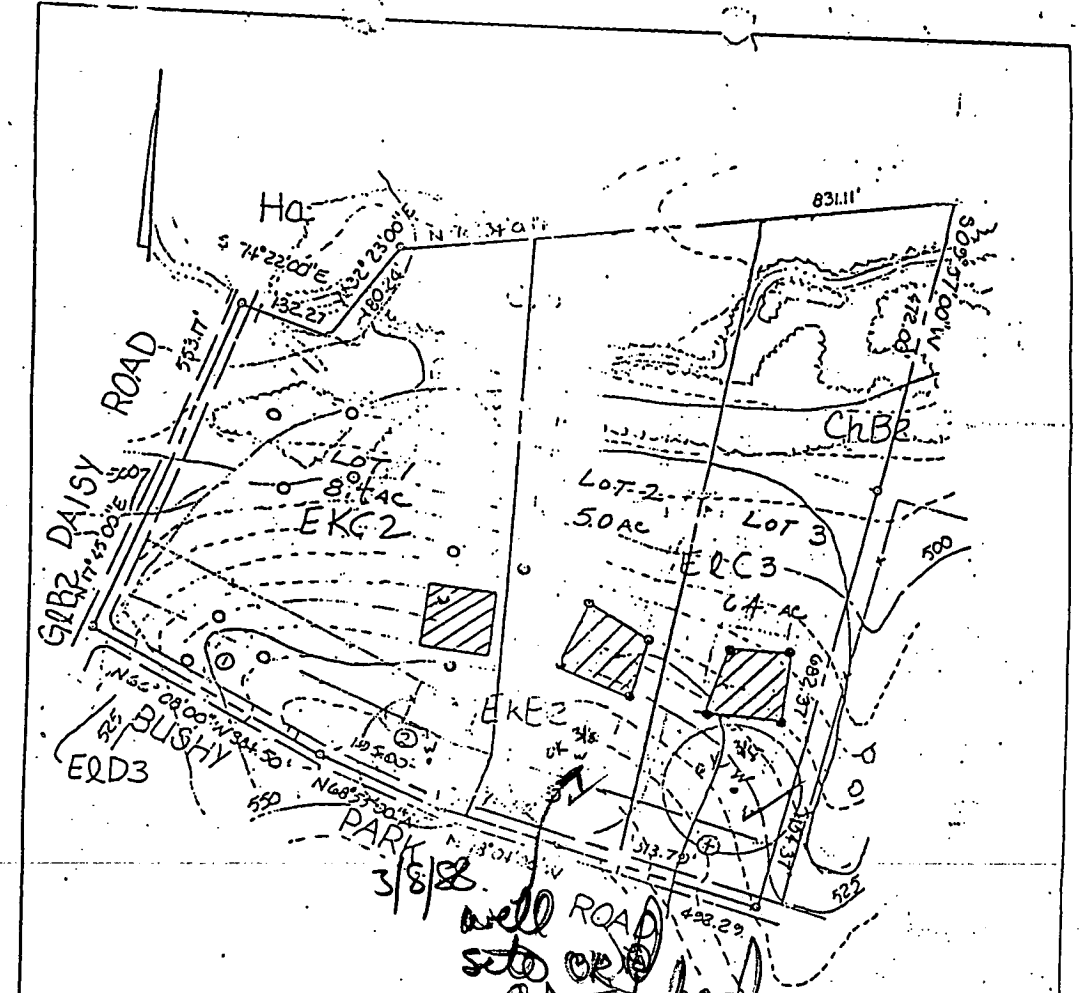
DEPTH (nearest ft.) grid with columns 1-21, 23-24, 26-30, 32-36, 38-39, 41-45, 47-51. Includes SLOT SIZE and DIAMETER OF SCREEN.

GRAVEL PACK form: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

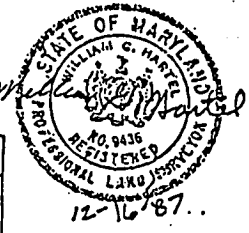
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (TELESCOPE CASING), (E.R.O.S.), LOG INDICATOR, W-Q (OTHER DATA).



1:300



- 1) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of Health and Mental Hygiene.
- 2) This area designated a private sewage easement of a minimum of 10,000 sq. ft. 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 sewerage is available and servicing any residential structures constructed on these building sites. 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 sewer easement. Recordation of a modified sewage easement shall not be necessary.
- 3) ALL GOOD PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED + SHOWN AS THUS (O)
ALL BAD HOLES SHOWN AS THUS (X)

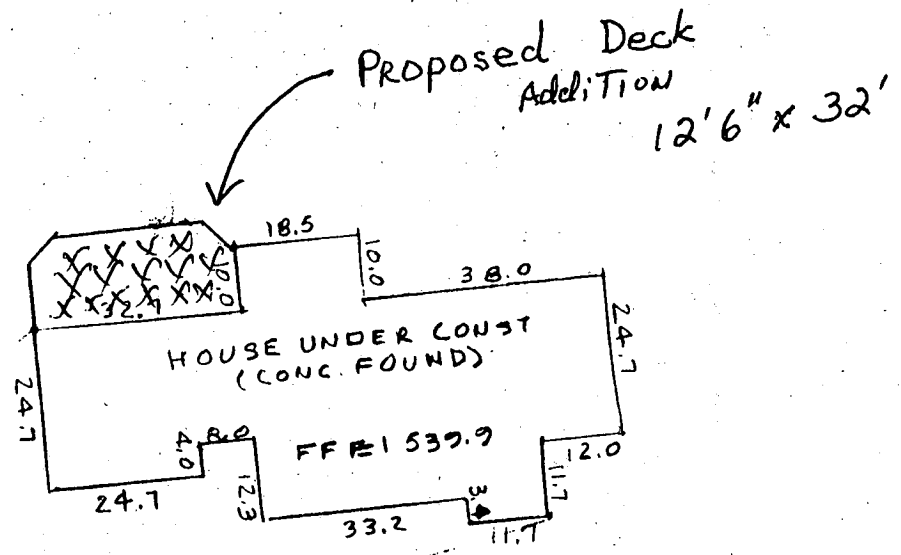
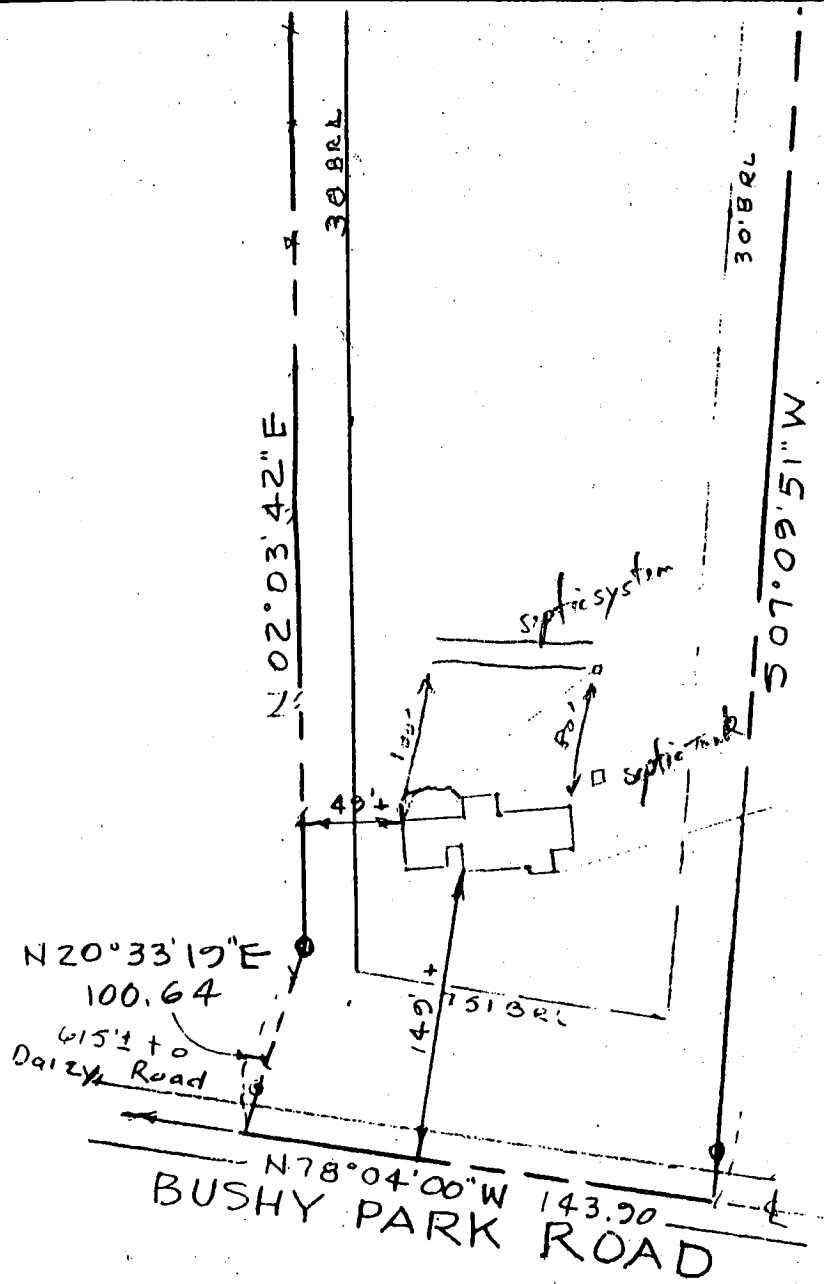


APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM, HOWARD COUNTY HEALTH DEPARTMENT.
James Byjuw 2-11-88
 HOWARD COUNTY HEALTH OFFICER DATE

TITLE: PERCOLATION TEST PLAN			
PROJECT: COLE PROPERTY			
LOCATION: TAX MAP: 14 BLOCK: 1 PARCEL: E 4TH ELECTION DISTRICT HOWARD CO., MD.			
SCALE: 1" = 200'	DESIGNED BY: J.C.O.	DRAWN BY: J.C.O.	CHECKED BY: J.A.B. DATE: 2-11-88
FIELD BOOK:	PAGE NO.:	JOB NO.: 86435	DRAWING NO.: 1 1

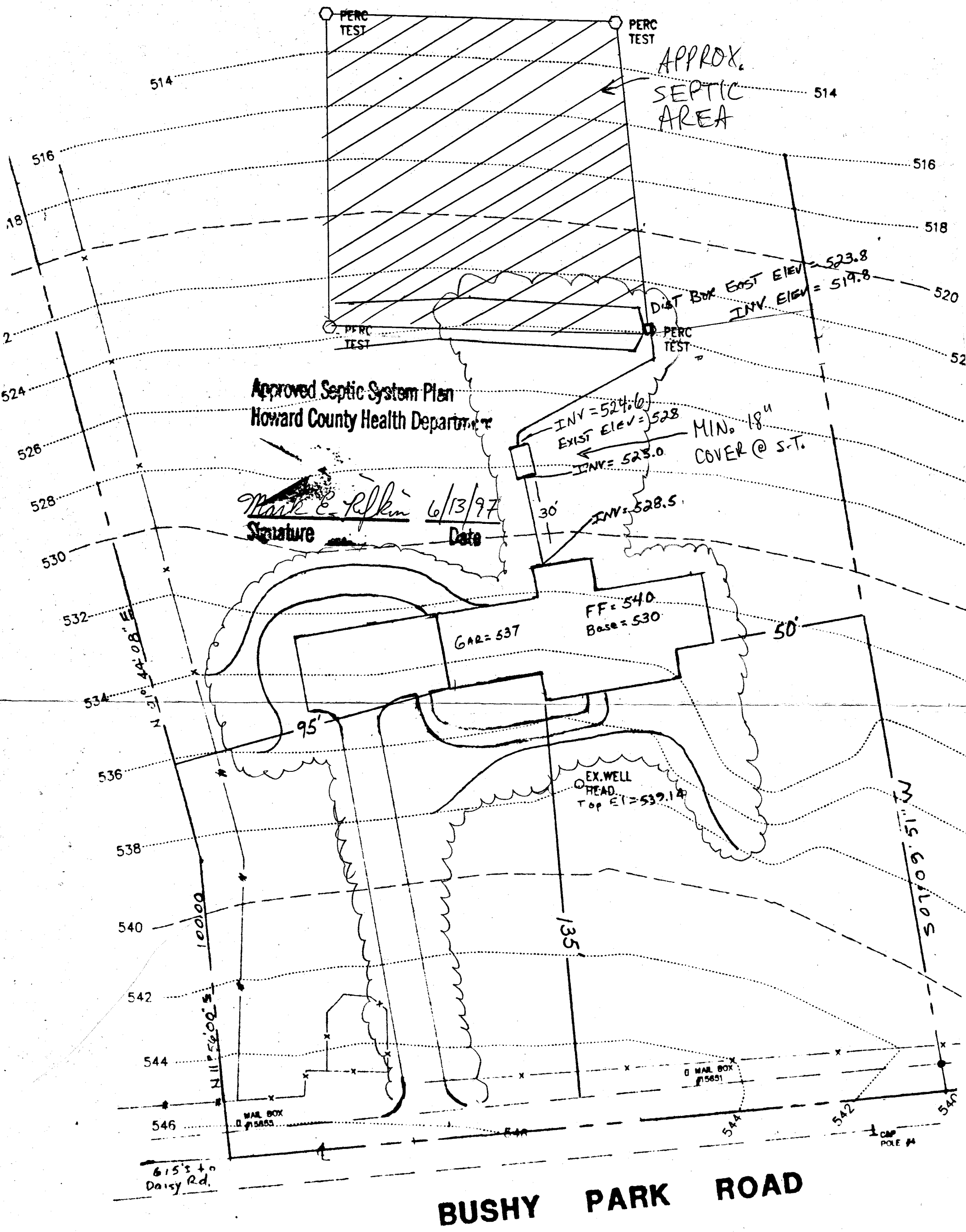
boender associates
 inc.
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 13011 465-7777



B00112741
 Deck is not in conflict with
 well or septic. OK to recommend approval
 RJP 7/1/98

WALL CHECK
 BRUNNER PARCEL
 WOODBINE
 Howard County, Md.
 Scale: As Shown Oct. 1997
 Tax Map 14 Parcel 231



Approved Septic System Plan
 Howard County Health Department

Mark E. Rifkin 6/13/97
 Signature Date

APPROX.
 SEPTIC
 AREA

MIN. 18"
 COVER @ S.T.

BUSHY PARK ROAD

Plan

Scale : 1" = 30'

2/10/19

Proposed shed location as shown (DKS)

N 20° 33' 19" E
100.64

615' ± to Daisy Road

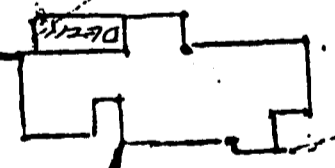
15700 BUSHY PARK ROAD
N 78° 04' 00" W 143.90

N 02° 03' 42" E

THIS IS TAKEN FROM THE ORIGINAL WALL CHECK FOR THE HOUSE

SHED 20' x 30'

49' ±



WIND

151.30

145' ±

30' BRL
M 15° 50' 10" S 507.09' 51" W

400' ±

30' ±

Scrape