

9/23/94 10:00

TAX # 04353455

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50277

A 42747

DISTRICT 4th

DATE 9/14/94

DATE SYSTEM APPROVED 9/23/94

INSPECTOR DKS

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

INDEXED

Arnold Backhoe & Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Chessie Crossing LOT 10 ROAD 755 Chessie Crossing Way

PROPERTY OWNER Mike Norack

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

180  
4  
720  
240  
31720

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 250 feet from the front lot line and 70 feet from the left side of the lot as seen when facing the lot from Chessie Crossing Way.

NOTES - Run the trenches toward the right lot line along contours.  
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 8/26/94 DKS

PLANS APPROVED BY Raymond Hodges/Ronald Pinkley REVISED DATE 07/30/92

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

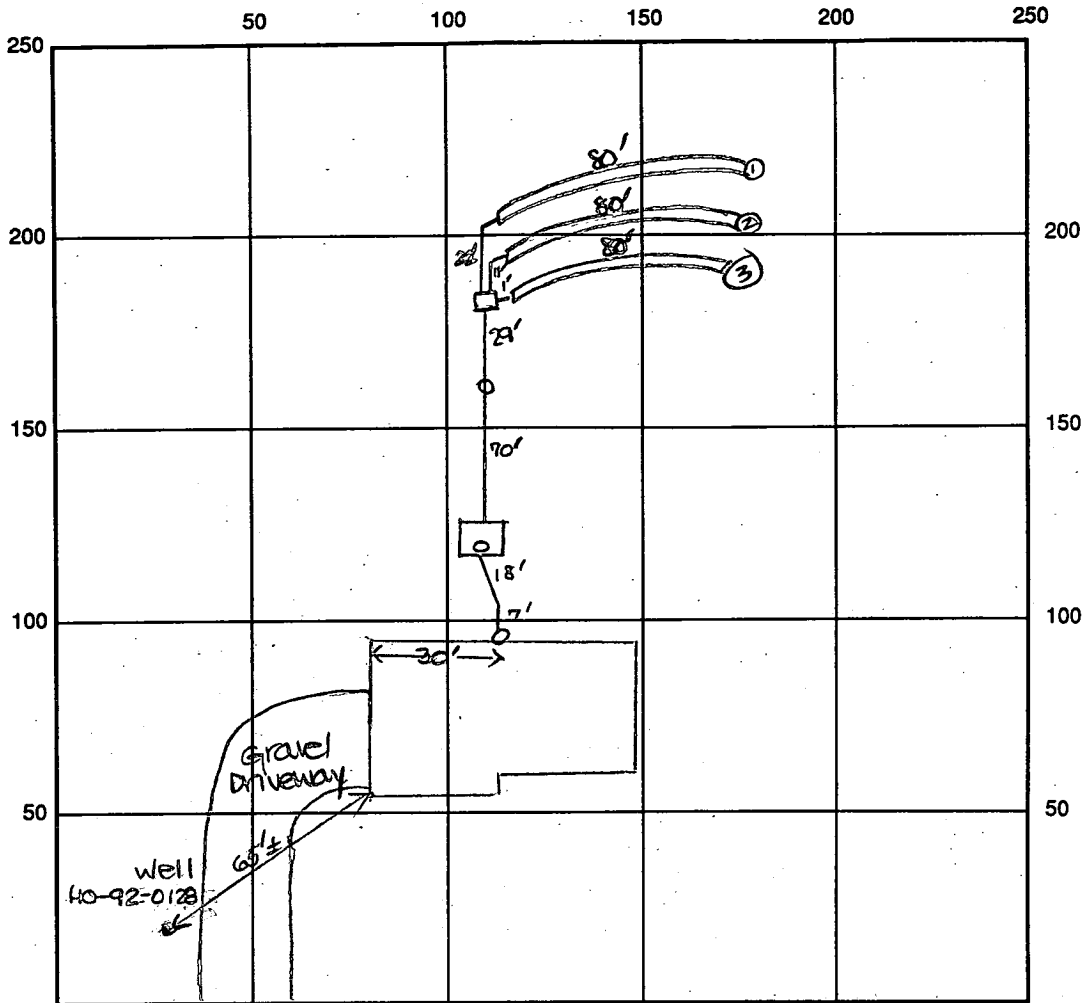
PERMIT VOID AFTER TWO YEARS

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**

A  
42747



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Chessie Crossing Way*

SEPTIC TANK LEVEL 1250 gal - OK CLEANOUTS one on s.t., one in line

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 3.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①80' ②80' FT. 240' total

NUMBER OF TRENCHES 3 ~~ONE SIDE~~ / BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS: 9/23/94 Final - OK to cover all work. DKS

DATE SYSTEM APPROVED 9/23/94

INSPECTOR *[Signature]*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 42747  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P O BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

DISTRICT 4

DATE August 2, 1988

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 ~~Paul V. & Bong Cha Brosenne~~ MIKE MORACKY

ADDRESS 694 Morgan Station Road Woodbine, MD 21797 PHONE 489-4052

PROPERTY LOCATION: Prospective Buyer: Lambert Cissell 442-5671  
SE Corner of 3425 Hipsley Mill Rd. Woodbine, MD 21797

SUBDIVISION Chessie Crossing Morgan Woodbine Rd. & Morgan Station Rd. LOT NO. 19

ROAD AND DESCRIPTION New Road = Road A, Tax Map 3, Parcel 4  
(755 Chessie Crossing Way)

SIZE OF LOT 3 acres ± TYPE BLDG. single family residence  
(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. James L Newburn (997-3815)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
James L. Newburn Agent for Lambert Cissell

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

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

REASONS FOR REJECTION OR HOLDING 12/14/88 - PERC OK HOLD FOR CERTIFICATES

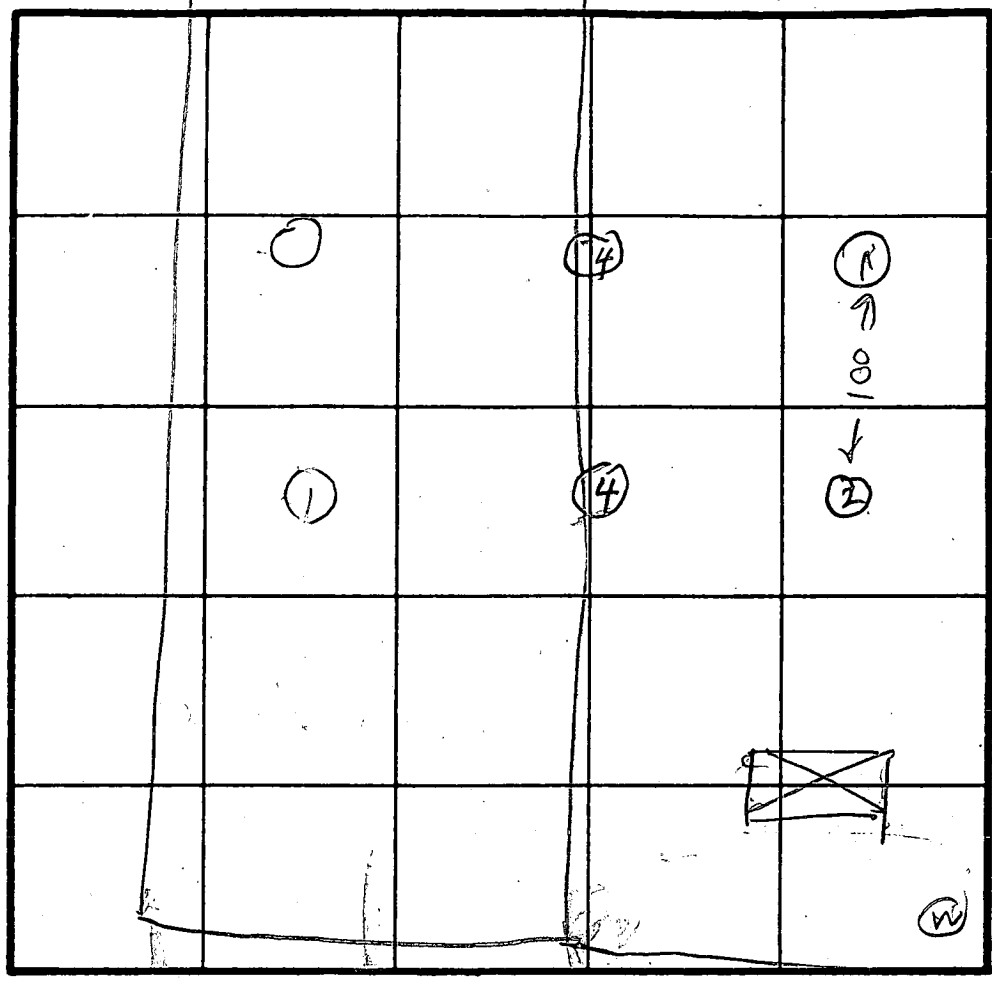
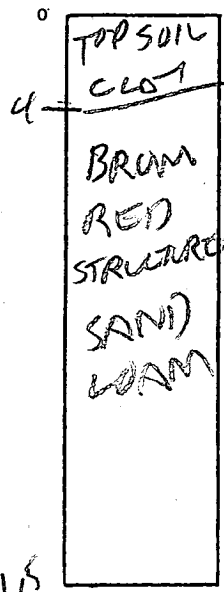
HALES R18

BLDG. PERMIT SIGNED  
AND RETURNED 6/2/88  
Serial # 54802  
SFD-4/Burnon

# THIS IS NOT A PERMIT

LOT 19  
A 42 747

SOIL PROFILE



ONLINE  
927  
TOP SOIL  
BROWN  
REDCLAY  
3 1/2  
BROWN  
STRUCTURE  
LUMPY  
SAND  
SILT  
LOAM

MAX  
DEPTH  
4 FT  
AV TIME  
5 MIN

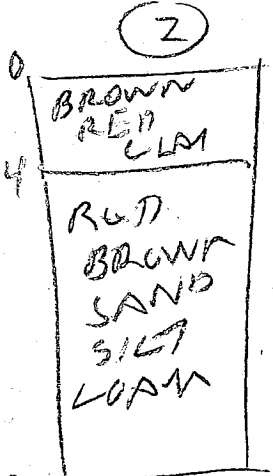
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COURT

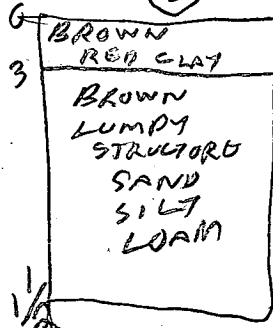
DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/88	1S	5.5	407	414	414	423	9
	1V	11.5	OK				
	2V	12					
	3S	4.5	338	342	342	352	10
12/14/88	3V	11.5	OK				
	4S	5.5	355	358	358	403	5
	4D	8	355	357	357	401	4
	4V	11	-				

ONLINE  
LOT 19820  
ONLINE  
LOT 19820

22  
414  
9



ONLINE  
3



REMARKS \_\_\_\_\_

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

TESTED BY R. HODGES ALSO PRESENT O KETTERAMP

B 1 1461 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

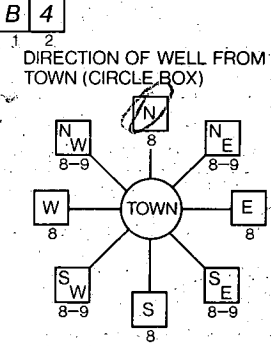
STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
HO-92-0128  
fill in this form completely

Date Received (APA) 062292  
OWNER INFORMATION  
NEWBURN DEVELOPMENT  
S S T O S T E R R E C T + PLACE  
COLUMBIA

B 3 LOCATION OF WELL  
HOWARD  
CHASSIE CROSSING  
WOODBINE  
MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION  
Joseph L. Mayne  
Joseph L. Mayne Well Drilling  
5512 RIDGE ROAD MT AIRY 2177  
Joseph L. Mayne 6/22/92



B 4 CHASSIE CROSSING WAY  
NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 35 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)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

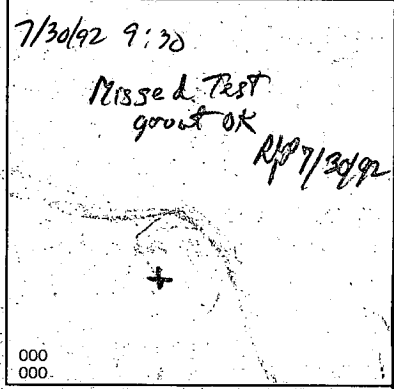
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD A42747  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED 072292 Raymond Hodges 1/22/93  
NORTH GRID 553000 EAST GRID 0725000

APPROXIMATE DEPTH OF WELL 260 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

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  
E 7825  
N 5523



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
FORCE K II WRITE INITIALS IN BOX PERMIT No. HO-92-0128

SPECIAL CONDITIONS  
COUNTY

C1 6702 SEQUENCE NO. (DENY 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 A42747

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 073092

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-92-0128

OWNER REVEALMENT NEW BURN STREET OR RFD CHESSIE CROSSING WAY TOWN WOODBINE SUBDIVISION CHESSIE CROSSING SECTION LOT 10

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: Brown Shale 0-58, Blue Rock 58-225.

GROUTING RECORD WELL HAS BEEN GROUTED. (Circle Appropriate Box) TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC NO. OF BAGS 13 NO. OF POUNDS 1200 GALLONS OF WATER 78 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 43 ft.

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

MAIN CASING TYPE cf Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 43

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

DEPTH (nearest ft.) HO 62 225. 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) 3

PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 41

WHEN PUMPING 66 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

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)

LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

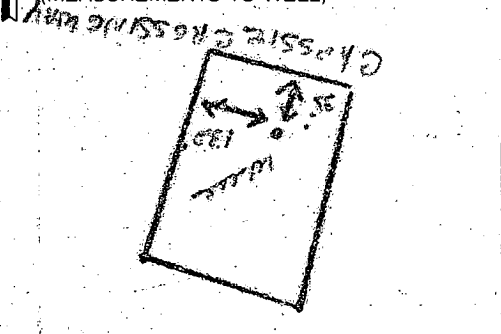
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

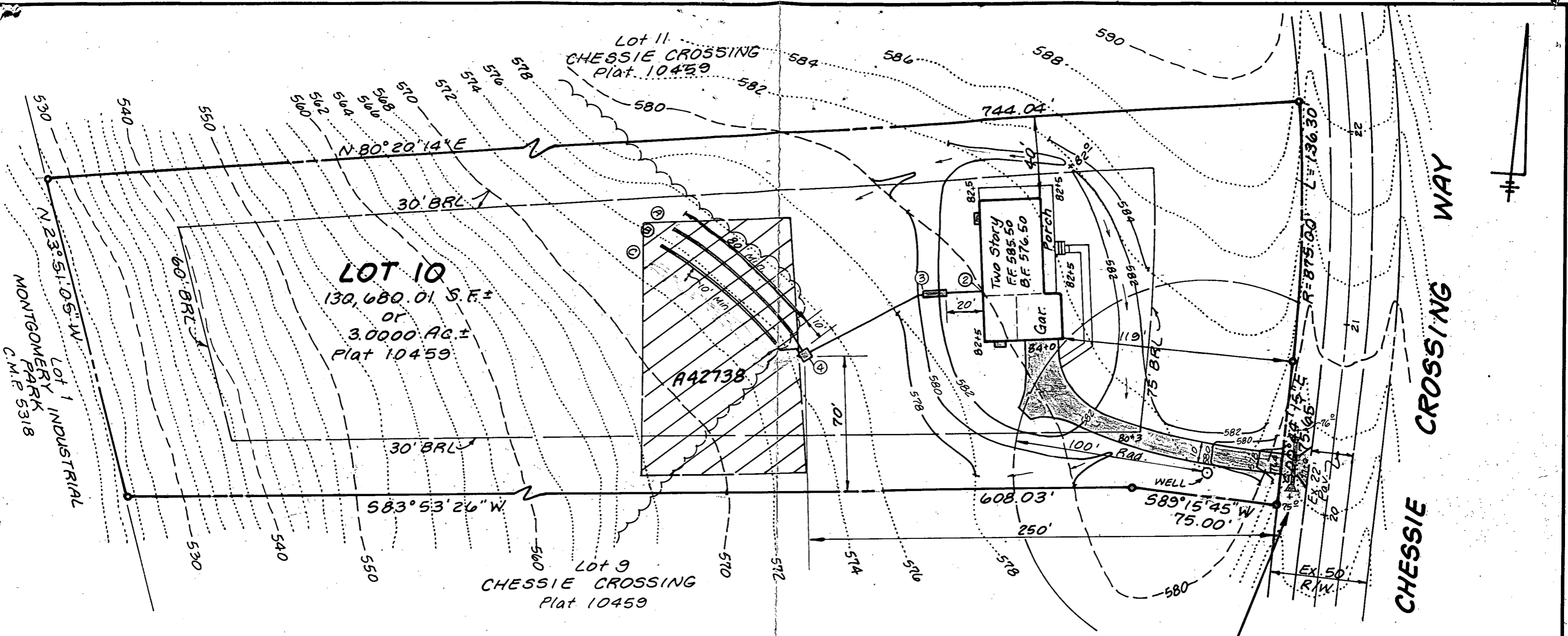
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

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)





**SEPTIC SYSTEM DESIGN DATA:**

1. 4 Bedrooms
2. Invert @ Wall : 573.80
3. 1250 Gallon Septic Tank  
Ex. grade over tank: 579.00  
Fin. grade over tank: 581.50  
Invert In: 573.60  
Invert Out: 573.30

Trench (A)  
Ex. grade: 574.40  
Invert: 570.90  
Bottom of trench: 568.90  
Length: 80'  
Width: 3'-0"

Trench (C)  
Ex. grade: 573.00  
Invert: 569.50  
Bottom of trench: 567.50  
Length: 80'  
Width: 3'-0"

4. Distribution Box: 3 Outlets (Min.)  
Ex. grade @ box: 574.60  
Fin. grade @ box: 574.60  
Invert: 571.10

Trench (B)  
Ex. grade: 573.80  
Invert: 570.30  
Bottom of trench: 568.30  
Length: 80'  
Width: 3'-0"

5. Trench Data: 180 S.F./BR  
4 BR x 180 S.F. = 720 S.F. ÷ 3.0 = 240 L.F. Trench  
Use (3) 80 ft. long trenches

NOTE: Provide manhole cleanout to finished grade at proposed septic tank.

Approved Septic System Plan  
Howard County Health Department

*Andy M. Mullen* 6/28/94  
Signature Date

<b>LAND DESIGN ENGINEERING, INC.</b> 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045 (410) 715-1070 (Balto.) (301) 596-3424 (Wash.) (410) 715-0681 (Fax)		PLOT PLAN FOR BUILDING PERMIT <b>LOT No. 10 - CHESSIE CROSSING</b> 4th Election District; Howard Co., MD	
		DATE: JUNE 1994	DRAWN: KBW
		LDE JOB No. 94-117	