

7/17/94
470
7/15/94
WPI am

TAX # 04353609

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50128

A 42737

DISTRICT _____

DATE 7/5/94

DATE SYSTEM APPROVED 7/7/94

INSPECTOR Alm

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 313-2640

INDEXED

Cumberland & Company IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 16391 A. E. Mullinex Road, Woodbine, Maryland 21797 PHONE 301-854-6838

SUBDIVISION Chessie Crossing LOT 23 ROAD 748 Chessie Crossing Way

PROPERTY OWNER R. Butler Newman

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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

LOCATION - Place the distribution box 195 feet down the right (529.28') lot line and 160 feet from the right (529.28') lot line as seen when facing the lot from the Right-of-way. Run the trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/20/94 DKS

PLANS APPROVED BY Raymond Hodges DATE 08/20/92

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

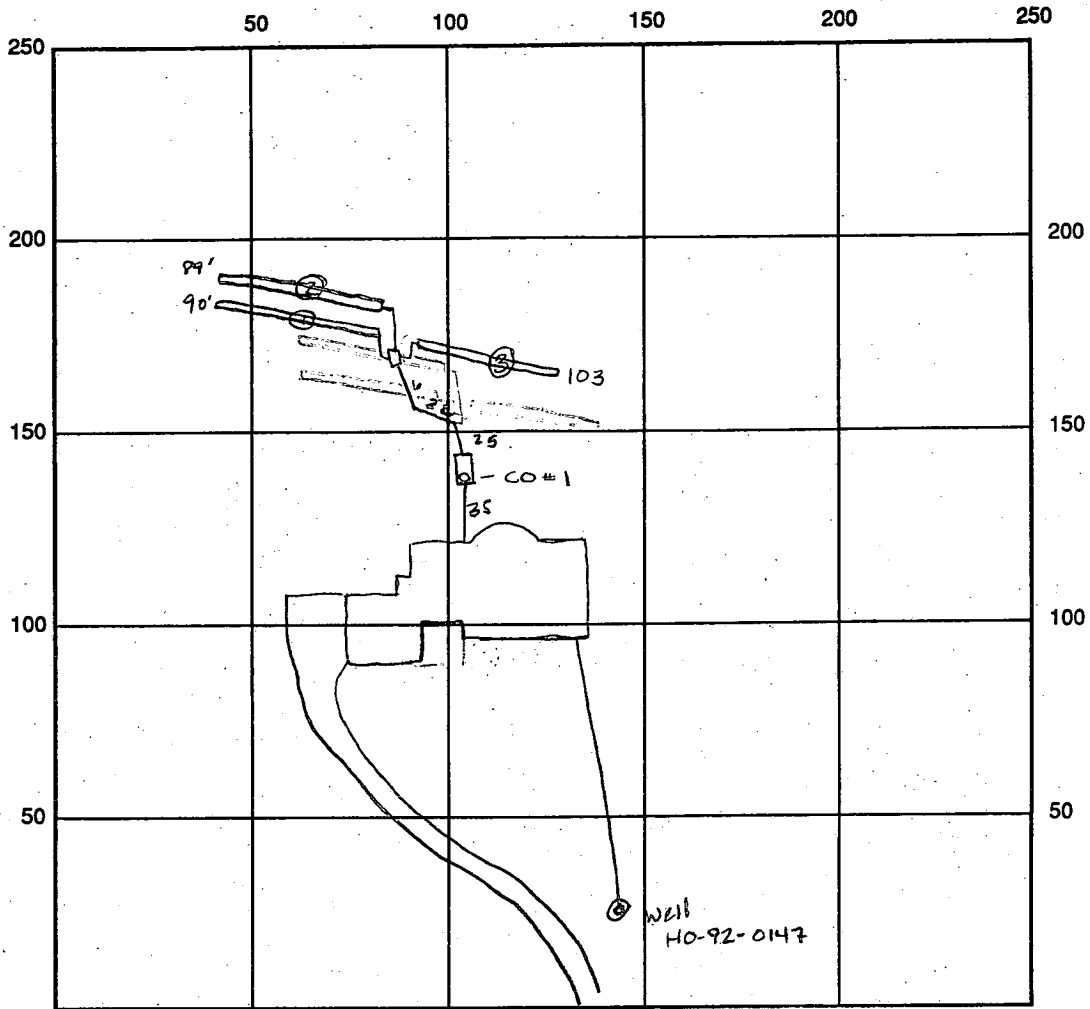
PERMIT VOID AFTER TWO YEARS

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
42737



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gal CLEANOUTS c/o #1

DISTRIBUTION BOX LEVEL OR baffle is in

DRAIN FIELD/TILE DEPTH 5 FT. TRENCH WIDTH 3' FT. INLET DEPTH 3' FT.

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH $\textcircled{1} 90 \textcircled{2} 89 \textcircled{3} 103' = 282 \text{ linear feet}$

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 846 SQ. FT. $\frac{282 \times 3}{2} = 846$

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 7/7/94 system is OK to cover final ALM

DATE SYSTEM APPROVED 7/7/94 INSPECTOR Amy M. Miller

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 42737
P _____
DISTRICT 4
DATE August 2, 1988

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

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 R. BUTLER NEUMAN
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. 23 on final

ROAD AND DESCRIPTION New Road = Road A, Tax Map 3, Parcel 4 BLDG. PERMIT SIGNED
(748 Chessie Crossing Way) AND RETURNED 3/3/99
Serial # 52659-SFD
SIZE OF LOT 3 acres \pm TYPE BLDG. single family residence
(NUMBER OF BEDROOMS) 4Bm

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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

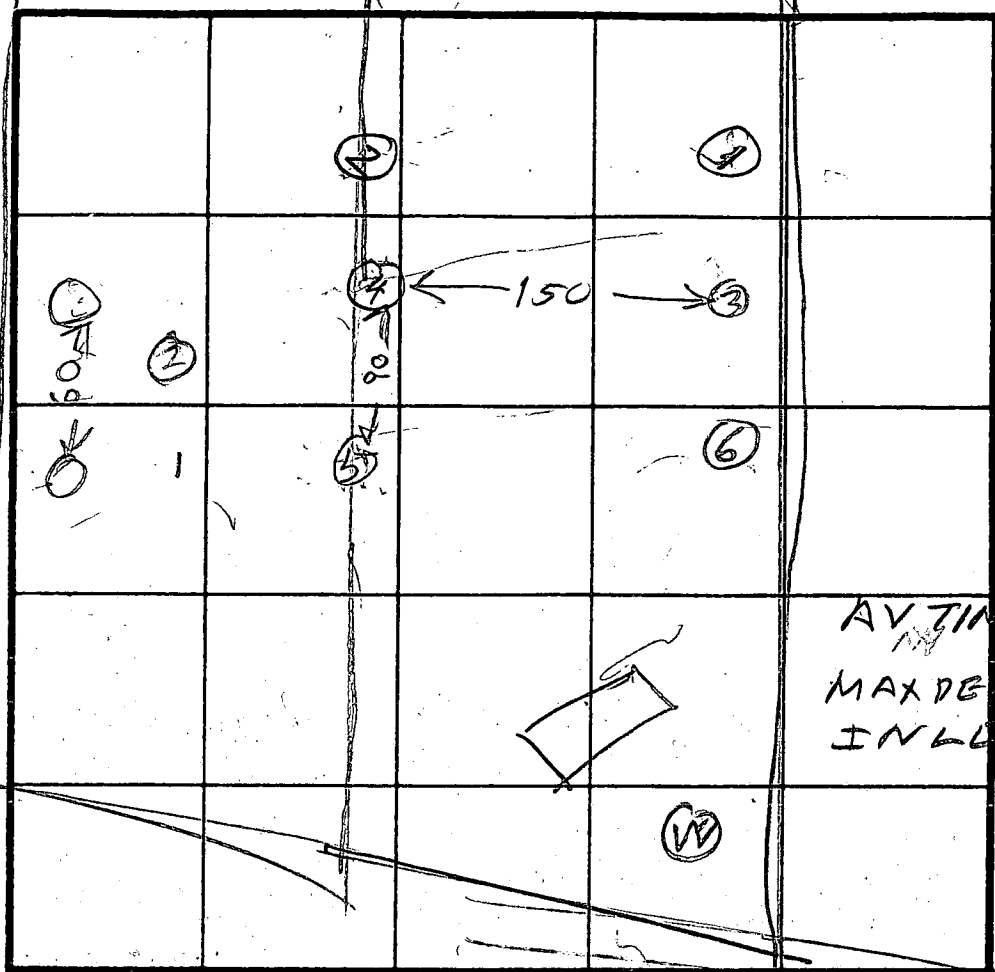
REASONS FOR REJECTION OR HOLDING 1/18/89 - RECOMMEND VISUAL HOLD
IN WGS SEASON R/L 2/27/89 + MORE ACCURATE
PERC SUBMITTED DECIDED VISUAL HOLD IN WGS
SEASON NOT NEEDED R/L

THIS IS NOT A PERMIT

Lot 9
A 42737

SOIL PROFILE
0
BROWN & GRAY CLAY
4
BROWN & GRAY SAND SILT MOTTLED LOAM
11
11 1/2
WATER

MORGAN WOOD BINGKIL



ON LINE
5
BROWN CLAY
3
YELLOW BROWN SAND SILT LOAM
12

ON LINE
2

0
3
BROWN CLAY
BROWN GRAY SAND SILT MOTTLED LOAM
9 1/2
11
WATER

0
3
CLAY TOP SOIL
BROWN SAND SILT LUMPY
12

ON LINE
4

0
4
BROWN CLAY
BROWN SILT SAND LUMPY LOAM
12

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

B/W TO COUR

DATE	TEST NO	DEPTH	PRE WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/13/88	1S	4.5	246	252	LITTLE BERN		
	1V	11.5	WATER	17 F	7	UNSAT	
	2V	11	WATER	9 1/2	F 7	UNSAT	
	3S	4	350	400	400	417	9
	3V	12	OK				
12/14/88	4S	4.5	1031	1040	1040	1050	18
	4V	8.5	1031	1035	1035	1050	23
	4N	12	OK				
	5V	12	OK				
	6V	12	OK				

ON LINE
LOT 9810

ON LINE
LOT 9810
ON LINE
LOT 9810

REMARKS: Recommend Visual / hole in wet season
Holes (1) & (2) insert digger survey or Plat
Other Holes dig per Red Marked area on Plat
TESTED BY: R. HODGES
OKETTER MAN
REAL ESTATE ALSO PRESENT SONNY CASTLE

B 1 8360

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-92-0199

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

please print or type

fill in this form completely

Date Received (APA)

072942

OWNER INFORMATION

Newburn Development

SS70sterrett PLACE

COLUMBIA MD 21044

B 3

LOCATION OF WELL

HOWARD

CHESSIE CROSSING

SECTION LOT 23

WOODBINE

MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION

Joseph L. Mayne 238

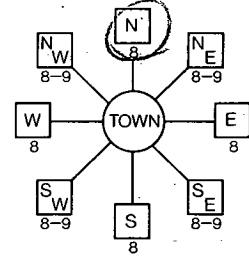
Joseph L. Mayne Well Drilling

5512 Ridge Rd. Mt. Airy 21711

Signature: Joseph P. Mayne Date: 7/29/92

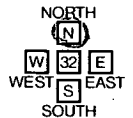
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CHESSIE CROSSING WAY

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 550 FT

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

Howard COUNTY NAME A 4273 COUNTY NO.

STATE SIGNATURE DATE ISSUED 080792

CO SIGNATURE EXP. DATE 2/7/93

NORTH GRID EAST GRID 554000 0784000

APPROXIMATE DEPTH OF WELL 200 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

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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

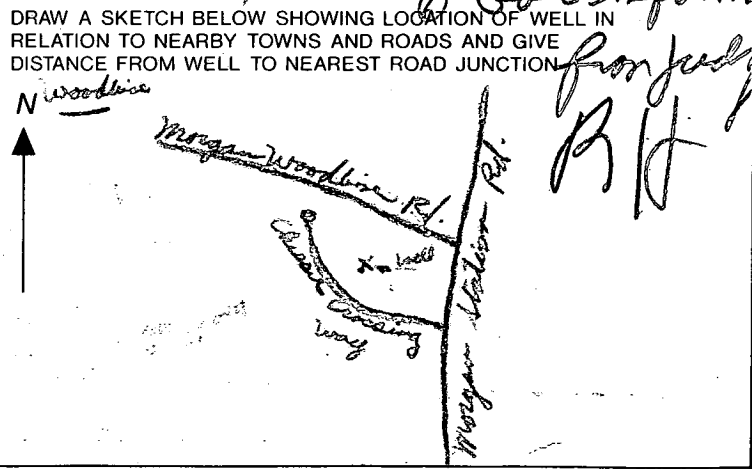
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE RP PERMIT No. HO-92-0199

SPECIAL CONDITIONS

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 784 4
N 554 4



C1 **6740** SEQUENCE NO. (DENV-USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

PERMIT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A 42 737**

ST/CO USE ONLY
 DATE RECEIVED [] [] [] [] [] []
 DATE WELL COMPLETED **08 10 92**

Depth of Well
245
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
110-92-0149

OWNER: **Now burn Development**
 STREET OR RFD: last name **Chessie Crossing Hwy** first name TOWN **Woodbine**
 SUBDIVISION: **Chessie Crossing** SECTION **2** LOT **23**

WELL LOG
 Not required for driven wells.

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
<i>Barren soil</i>		<i>47</i>	
<i>Blue Rock</i>	<i>47</i>	<i>245</i>	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **10** NO. OF POUNDS **940**
 GALLONS OF WATER **60**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **4.2** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO
 STEEL CONCRETE
PL OT
 PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **4** Total depth of main casing (nearest foot) **57**

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

C2
 DEPTH (nearest ft.)
 1 **HO** **50** **245**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

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
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

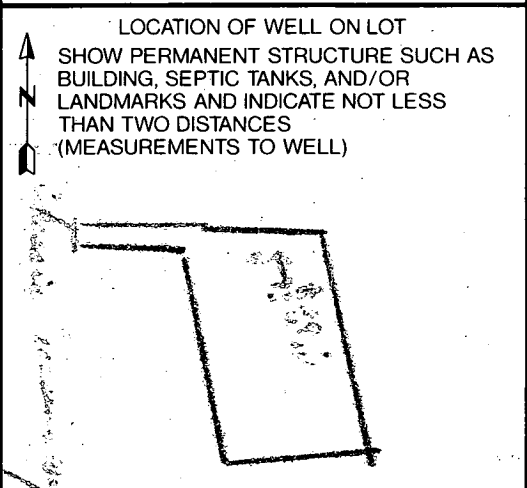
C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **12**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **43**
 WHEN PUMPING **45**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
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) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }

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. **138**
 DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

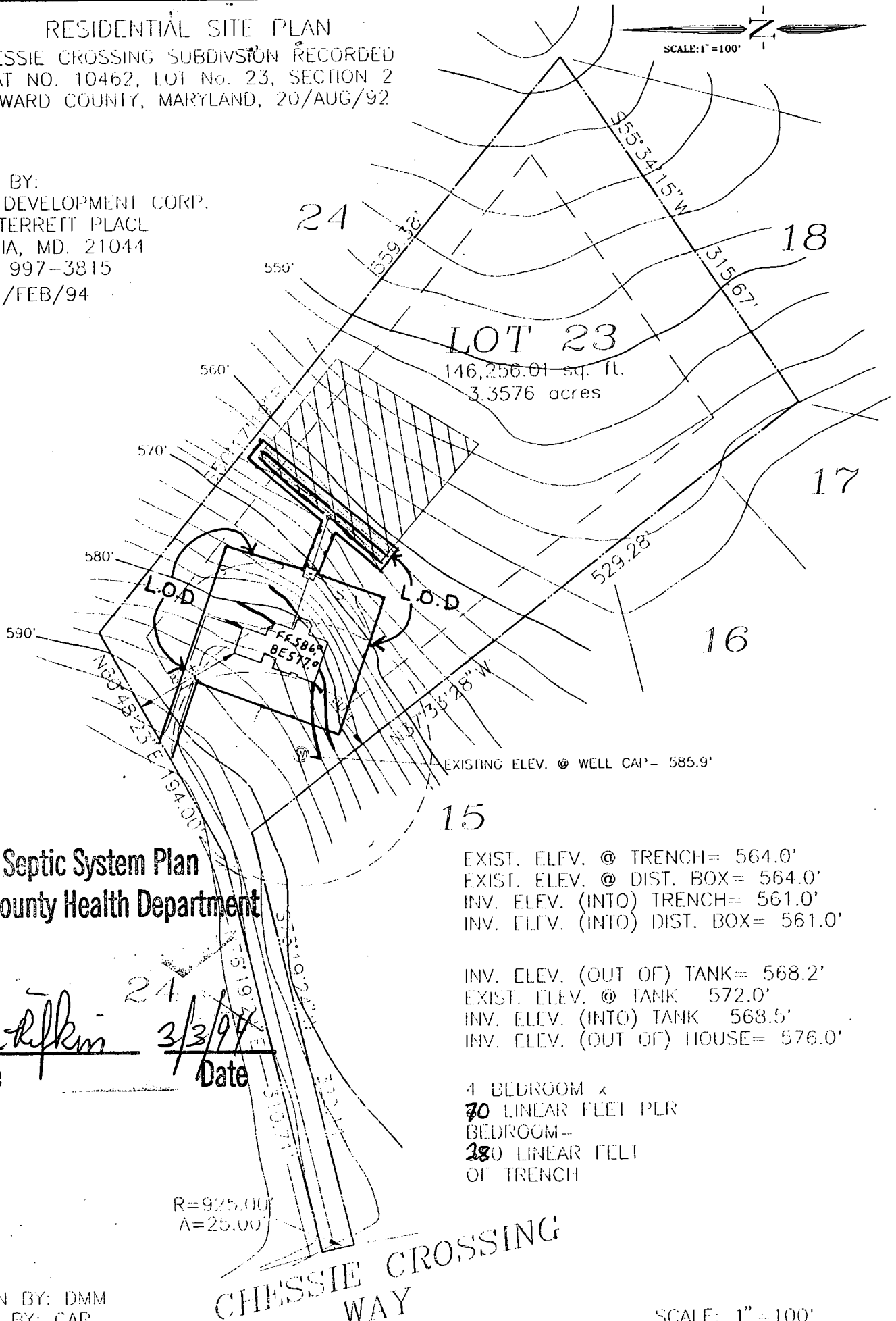


RESIDENTIAL SITE PLAN

CHESSIE CROSSING SUBDIVISION RECORDED
 PLAT NO. 10462, LOT No. 23, SECTION 2
 HOWARD COUNTY, MARYLAND, 20/AUG/92

SCALE: 1" = 100'

PREPARED BY:
 NEWBURN DEVELOPMENT CORP.
 5570 STERRETT PLACE
 COLUMBIA, MD. 21044
 (410) 997-3815
 21/FEB/94



Approved Septic System Plan
 Howard County Health Department

Mark C. Kilkins 3/3/94
 Signature Date

EXIST. ELFV. @ TRENCH= 564.0'
 EXIST. ELEV. @ DIST. BOX= 564.0'
 INV. ELEV. (INTO) TRENCH= 561.0'
 INV. ELEV. (INTO) DIST. BOX= 561.0'

INV. ELEV. (OUT OF) TANK= 568.2'
 EXIST. ELEV. @ TANK 572.0'
 INV. ELEV. (INTO) TANK 568.5'
 INV. ELEV. (OUT OF) HOUSE= 576.0'

4 BEDROOM x
 70 LINEAR FEET PER
 BEDROOM—
 280 LINEAR FEET
 OF TRENCH

R=925.00'
 A=25.00'

CHESSIE CROSSING
 WAY

DESIGN BY: DMM
 DRAFT BY: CAR

SCALE: 1" = 100'