

Approved GCK
29 Sept 78

9/29/78
~~10/2/78~~
a.m. please

PERMIT

P 28841
28841
A 27822

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

04-337913

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 9/13/78

Tom Hartman

IS PERMITTED TO INSTALL ALTER

ADDRESS 5840 Montgomery Road

PHONE 796-3014

SUBDIVISION Rover Mill Estates

ROAD 3203 Danmark Drive

LOT 12

PROPERTY OWNER CRC Industries

Phillip E + Eva L. MAXCELL

ADDRESS Finksburg, Md.

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom in system

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

Absorbent sidewall area in dry well 288 sq. ft. Place the dry well 125 ft. from Road B, 112 ft. from left (550') lot line. Trench to be 50 ft. long with inlet at 3 ft. and maximum depth of 9 ft. Start trench 15 ft. downhill from dry well, 112 ft. from left lot line and run past dry well towards left lot line on contour.

PLANS APPROVED BY David J. O'Neill

DATE 12/5/77

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.

BLDG. PERMIT SIGNED
AND RETURNED 5/18/94
Serial # 54194
decl

28841
9/13/78

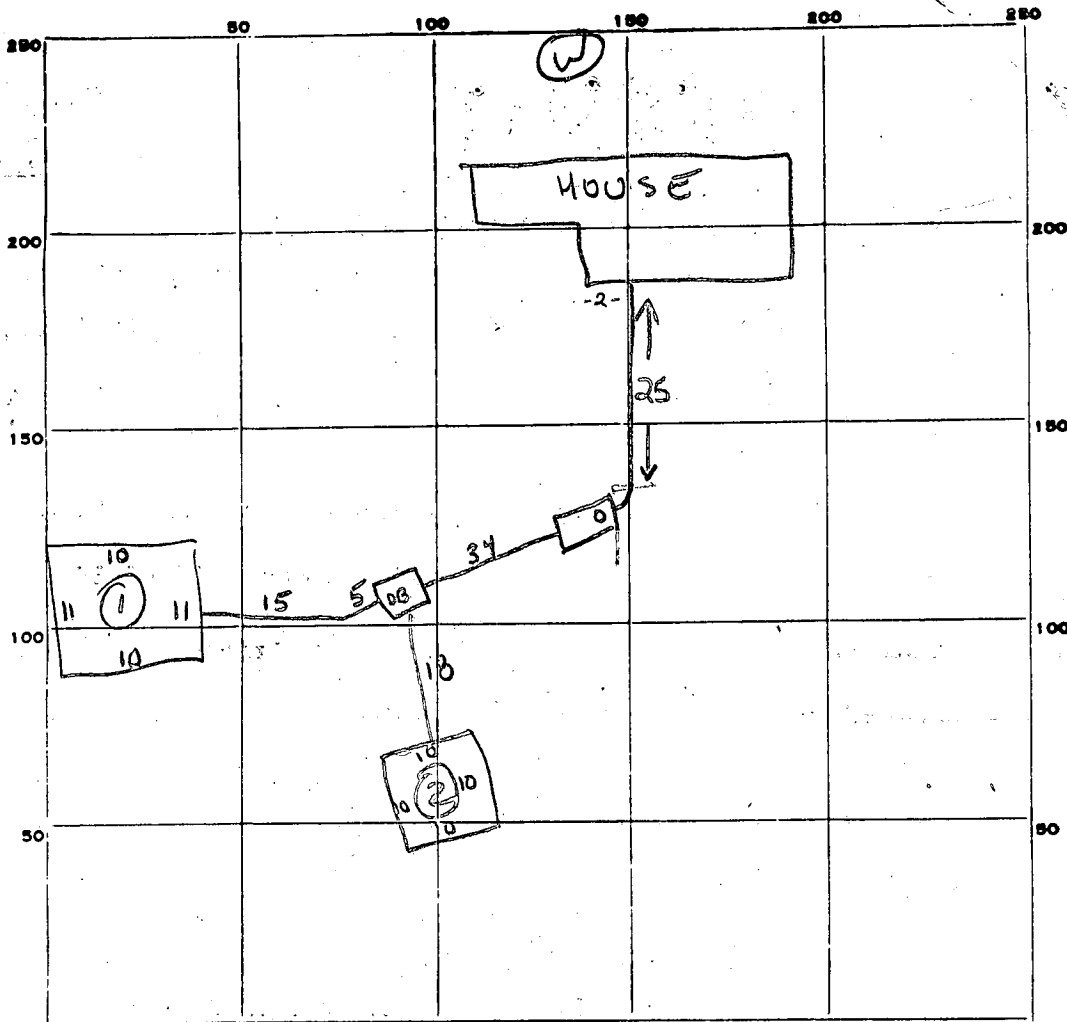
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

480
 540
 360

 180

 30

 6/180



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1250

DISTRIBUTION BOX, LEVEL needs baffle

TILE FIELD, DEPTH Na FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER perimeter ① 42 ② 40 FT. DEPTH BELOW INLET ① 6 ② 6 FT. ± 252 240

ABSORBENT AREA 1492 SQ. FT.

REMARKS 29 Sept 78 - Final OK. (GLK)

DATE SYSTEM APPROVED 29 Sept 78 INSPECTOR J. Keller

APPLICATION

A 218221

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4

DATE 7/14/75

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 J. Keenan and Evelyn Keenan
C/O Chas. H. Steffey, Inc.,
9338 Baltimore Nat'l Pike
ADDRESS _____ PHONE 465-8500
ELLICOTT CITY, Md.

PROPERTY LOCATION:
SUBDIVISION Rover Mill Estates- Addition LOT NO. 12
ROAD AND DESCRIPTION Road 'B'
Rover Mill Rd. to Road 'B'

SIZE OF LOT 2.8 Ac/ TYPE BLDG. 4 Bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT John J. Keenan
by [signature]

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

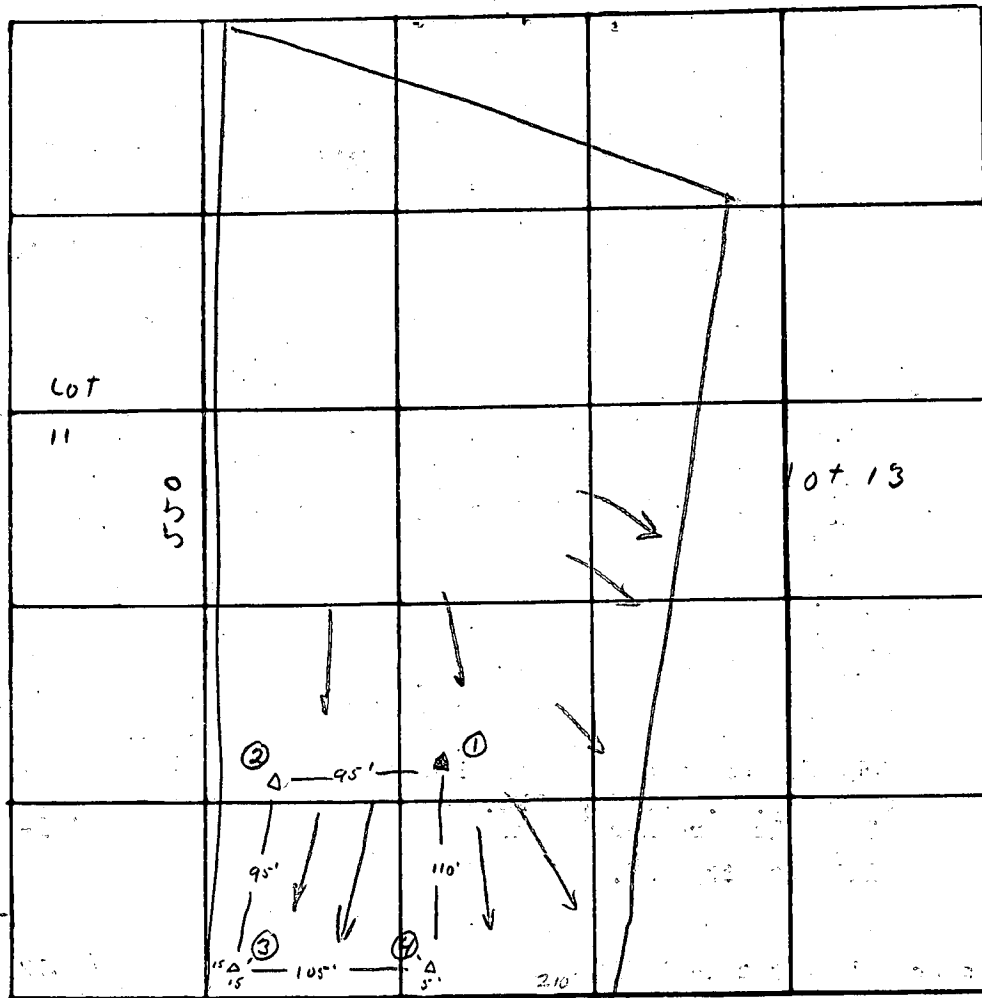
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 12



① - 0
clay loam
- 3

silt loam

- 11
getting
harder
saprolite

②
0
clay loam
2
silt loam

④
2
clay loam
4
good soil
6
sandy rock & silt

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

210 Road B

8
silt
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/7/35	15	3'	1 46	1 48	1 47	1 52	4	
"	1d	12'	1 58	2 02	2 02	2 05	3	
"	2	11'	good soil 2-11'					
"	3s	6'	2 06	2 10	2 10	2 16	6	
"	3d	12'	2 06	2 10	2 10	2 20	10	
"	4s	6'	2 09	2 11	2 11	2 14	3	
"	4d	12'	2 09	2 13	2 13	2 25	12	

REMARKS _____

TYPE OF SOIL silt loam - starting 2-6' to 12'

TESTED BY O.N. 11 ALSO PRESENT: Fyock + Barnes

HORIZON OF EXIS
Scale

ROAD

System
Before Building
Permit

Turnaround
Ditch to provide
Positive Drainage

At well ground
3' 9" 78

252'±

LOT 12
307'±

550'±

LOT 11
401'±

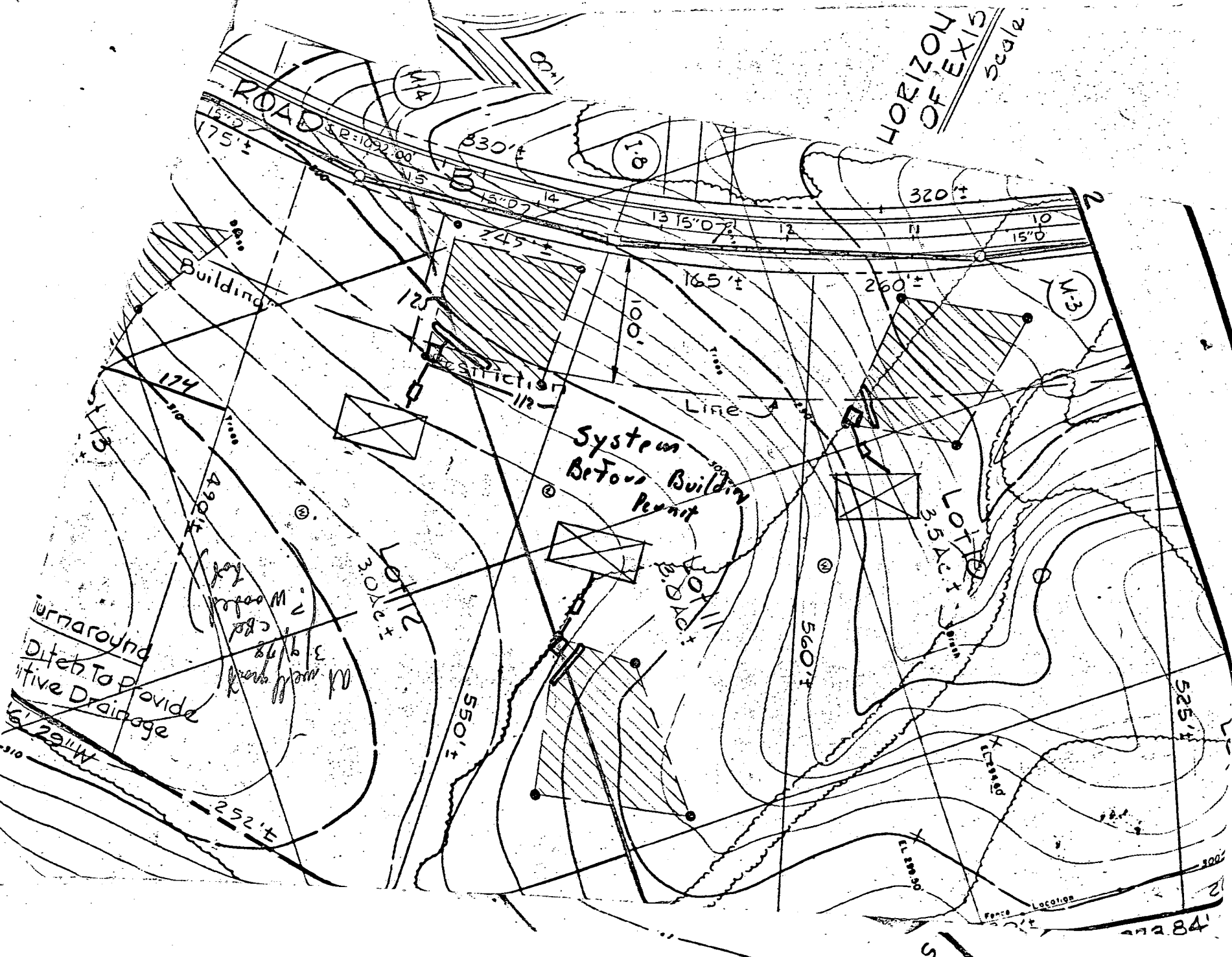
560'±

LOT 10
352'±

525'±

ST-11-31

7884'



STATE OF MARYLAND

WATER RESOURCES ADMINISTRATION

TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401

APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

40-73-2546

0096

SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)
2/15/78
3/9/78
9:30 a.m.

OWNER CRC Industries, Inc.

COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD 3035 Kay M. W. Road

COL 36 COL. 58

POST OFFICE Finksburg, Md. 21048

COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6
DATE Jan 20 1978 LICENSE NUMBER 64
FIRST NAME William W. Reichart DRILLER LAST NAME
SIGNATURE W W Reichart

B 3 LOCATION OF WELL
1 2 3 (SEQ. NO.) 6
COUNTY Howard
SUBDIVISION Rover Mills Estates
SECTION 82 LOT 82
NEAREST TOWN Clanwood
MILES FROM TOWN (ENTER 0 IF IN TOWN) 10 MI

B 2 WELL INFORMATION
1 2 3 (SEQ. NO.) 6
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT
 MUNICIPAL WATER SUPPLY
 PRIVATE WATER COMPANY
 TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6
N NORTH E EAST NE NORTHEAST SE SOUTHEAST
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
NEAR WHAT ROAD Danmark Drive
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N NORTH S SOUTH E EAST W WEST
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 300 MI

APPROXIMATE DEPTH OF WELL 210 FEET

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
BORED (OR AUGERED) JETTED DRIVEN
30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
CABLE REVERSE-ROTARY DRIVE-POINT
OTHER (DESCRIBE)

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
 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 (WRA USE ONLY)
APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63
FORCE 1 WRITE INITIALS IN BOX CONDITIONS 10

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6
STATE HEALTH (CIRCLE BOX) 9 COUNTY NAME Howard COUNTY NO. 27462
DATE 1 20 78 APPROVED BY Fred Frommelt, Sanitarian

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.
N
River Rd
3/9/78 4 Bags of cement P.W.D.
18' Well grout
20' Well casing P.W.D.
Pfeffercorn rd. C.B.D.
well

BOX NUMBER 810
530
NORTH COORDINATE 50 51 52 53 54 55
EAST COORDINATE 08 10 11 12
ELEVATION AT WELL HEAD (FEET) 65 66 67 68

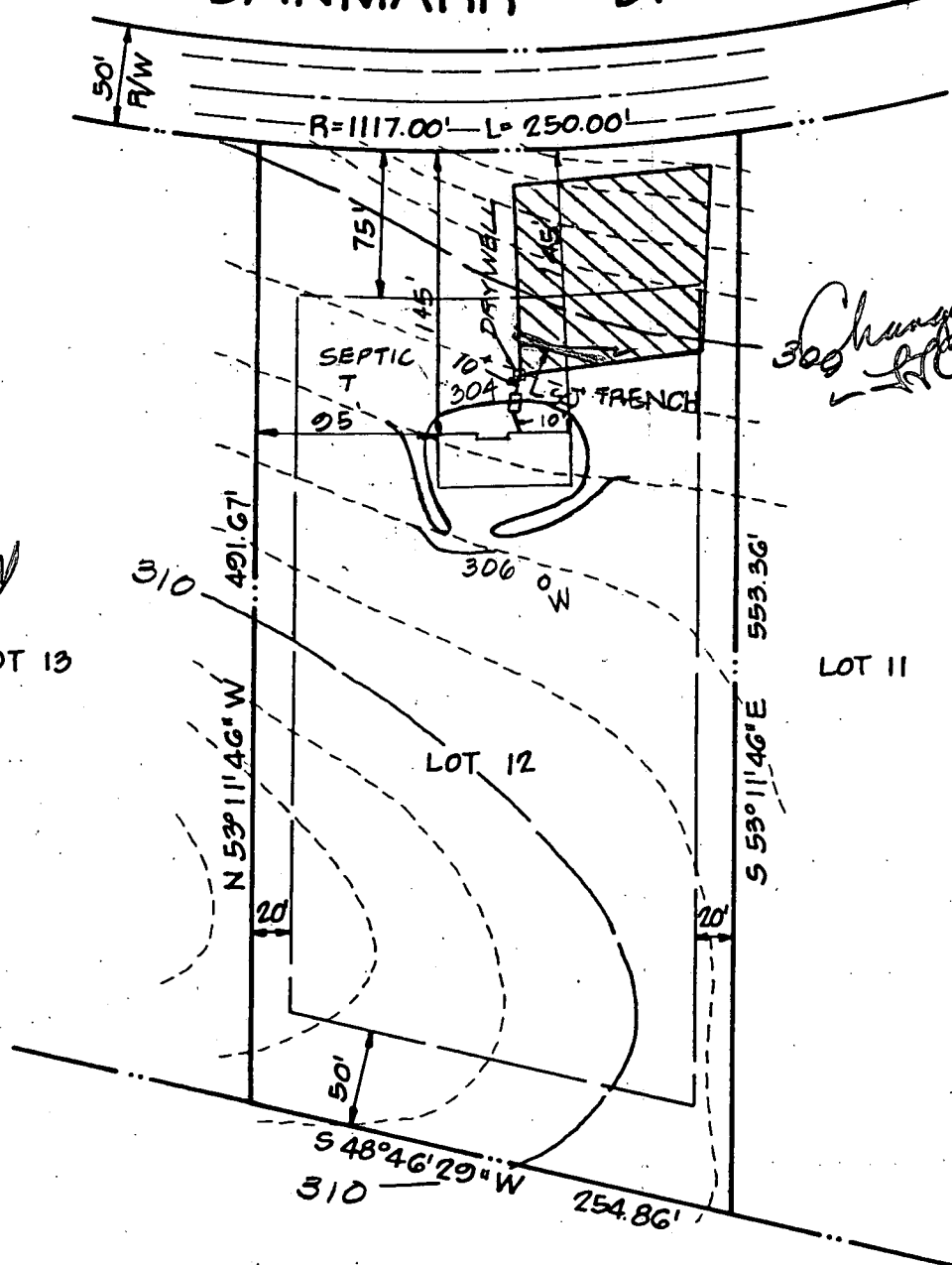
B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

HEALTH Walked in (1' casing out of ground)

OK upon
5/13/78
[Signature]

Change Key
[Signature]

DANMARK DRIVE



HOUSE:
 F.F. : 305.00
 BSM'T : 296.00
 INV. OUT : 299.7

SEPTIC TANK:
 EX. GR. : 303.0
 PROP. GR. 304.0
 INV. IN : 299.5
 INV. OUT : 299.2

DRY WELL:
 EX. GR. : 302.0
 PROP. GR. 302.0
 INV. IN. : 299.0

WELL :
 EX. GR. : 306.5
 PROP. GR. 306.5

GWENLEE ESTATES
SECTION 3 AREA 1

- NOTES:
- (1) TOPO SHOWN HEREON IS BASED ON TOPOGRAPHY PREPARED BY PURDUM & JESCHKE.
 - (2) CONTRACTOR TO SET GRADES IN THE FIELD.
 - (3) SEWER AVAILABLE TO F.F. ELEV. ONLY.
 - (4) HOUSE SET BY "REVERSED" HOUSE PLANS.

TITLE GRADING STUDY			
PROJECT ROVER MILL ESTATES - LOT 12			
LOCATION 4TH ELECTION DISTRICT		HOWARD CO., MD	
DATE: APRIL, 1978	DESIGN BY: W.H.N.	DRAWN BY: D.R./J.J.B.	CHECKED BY: W.G.H.
SCALE: 1" = 100'	JOB NO.: 7884	DRAWING NO.: 1 OF 1	REV. 5/22/78 - W.H.N. CHK. 5/22/78 - D.M.R.

boender associates

engineers
surveyors
planners

C 1 5526 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILE IN THIS FORM COMPLETELY

COUNTY NUMBER W 27 462

DATE RECEIVED (WRA USE ONLY) March 9, 1978 DEPTH OF WELL 150'

DATE WELL COMPLETED March 9, 1978 PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-2546

8-13 15 20 22 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 109

OWNER C.R.C. Industries, Inc. LAST NAME C.R.C. FIRST NAME Industries

STREET OR RFD 2035 Kay Mill Road POST OFFICE Finksburg Md 21048

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<u>rolling ground</u>	<u>0</u>	<u>14'</u>	
<u>gravel</u>	<u>14'</u>	<u>35'</u>	
<u>schist</u>	<u>35'</u>	<u>71'</u>	
<u>water</u>			<input checked="" type="checkbox"/>
<u>schist</u>	<u>71'</u>	<u>130'</u>	
<u>water</u>			<input checked="" type="checkbox"/>
<u>schist</u>	<u>130'</u>	<u>150'</u>	
<u>water</u>			<input checked="" type="checkbox"/>
<u>schist</u>			

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT C M B C

BENTONITE CLAY

NO. OF BAGS 4 NO. OF POUNDS 384

GALLONS OF WATER 28

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 19 FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T C O

CONCRETE

PLASTIC P L O T

OTHER

MAIN CASING TYPE S T NOMINAL DIAMETER TOP (MAIN CASING) (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 20

60 61 63 64 66 70

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T B R H O

BRASS OR BRONZE

OPEN-HOLE P L O T

PLASTIC OTHER

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 110 20 130

8 9 11 15 17 21

2 23 24 26 30 32 36

3 38 39 41 45 47 51

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

(E.R.O.S.) W O

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

C 3

1 2 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 1

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 12

water removed as it came in

METHOD USED TO MEASURE PUMPING RATE as it came in

WATER LEVEL (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 22 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR PISTON TURBINE

CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)

JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

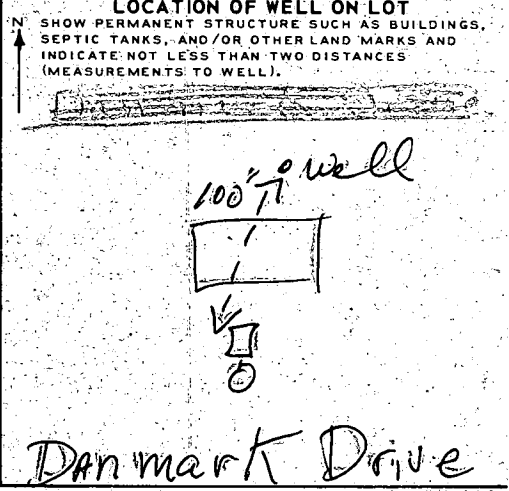
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT)

BELOW } 1 (NEAREST FOOT)



CIRCLE APPROPRIATE BOXES

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 NAME R.W. Peckham

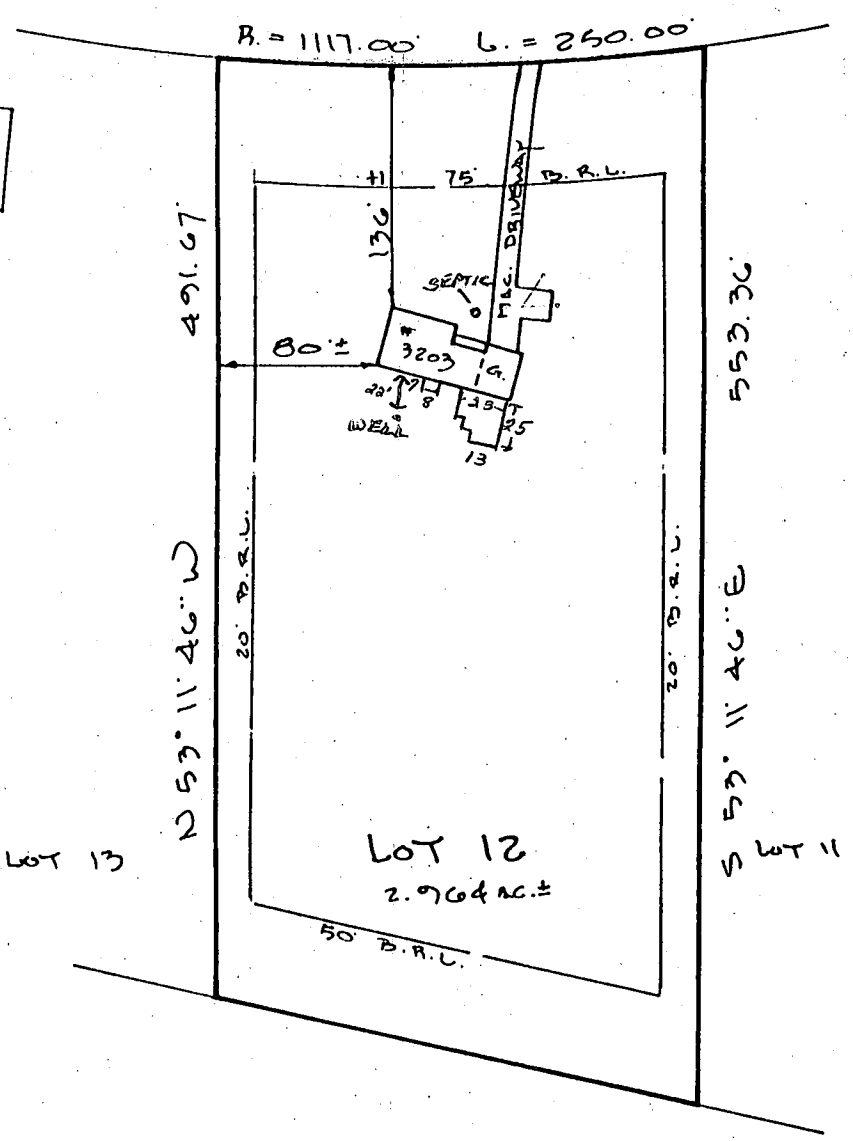
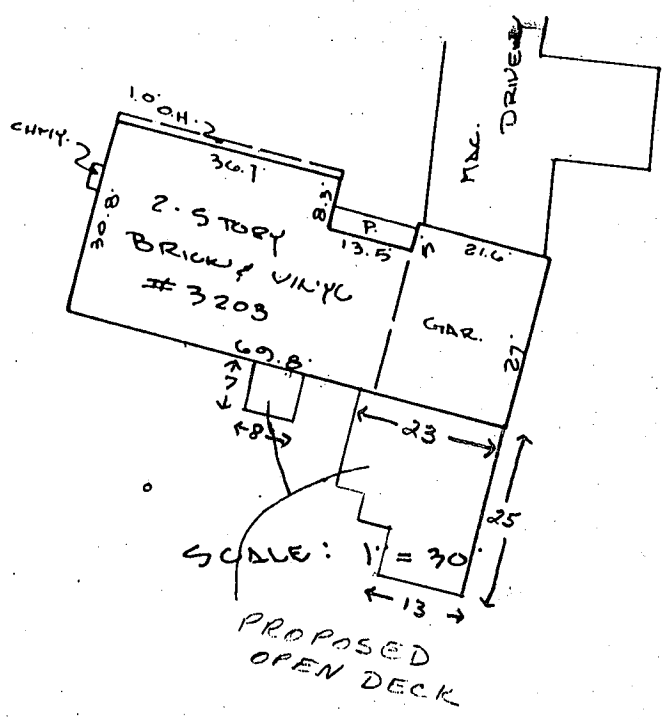
(PLEASE PRINT) R.W. Peckham

SIGNATURE R.W. Peckham

Property known as: LOT 12
 ROVER MILL ESTATES
 SHEET 4 of 4. PLAT # 3816
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MD.


THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

DANMARK DRIVE
 50 R/W



5/18/94
 Proposed location of deck has no impact to existing well or septic OK to proceed w/ construction
 A. McMillen

LOCATION SURVEY PLAT
 SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED

CERTIFICATION	SEAL	SCALE 1" = 100' DATE 7-19-1993
<p>This is to certify that I have surveyed the property known as: <u>3203</u> <u>DANMARK DRIVE</u></p> <p>for the purpose of locating the improvements thereon, and the improvements are located as shown.</p>	 <p>Walter Paul</p>	<p>LAND DESIGN ENGINEERING, INC. 8835 Columbia 100 Parkway Unit N Columbia, MD 21045 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)</p>