

12/11/89

12/27/89 11:30

12/28/89

05-392020

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 45041

A 27471

DISTRICT 5th

DATE 10/11/89

DATE SYSTEM APPROVED 12/28/89

INSPECTOR M. RISKIN

INDEXED

Dave Hopkin & Son

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Kalmia Farms II ROAD 14621 Viburnum Drive LOT 24

PROPERTY OWNER Robert & Susan Panek

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 3½ feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front lot line and 120 feet from the left lot line. Run trench(s) along contour toward the left property line.

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

PLANS APPROVED BY C. Williams DATE 6/09/86

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

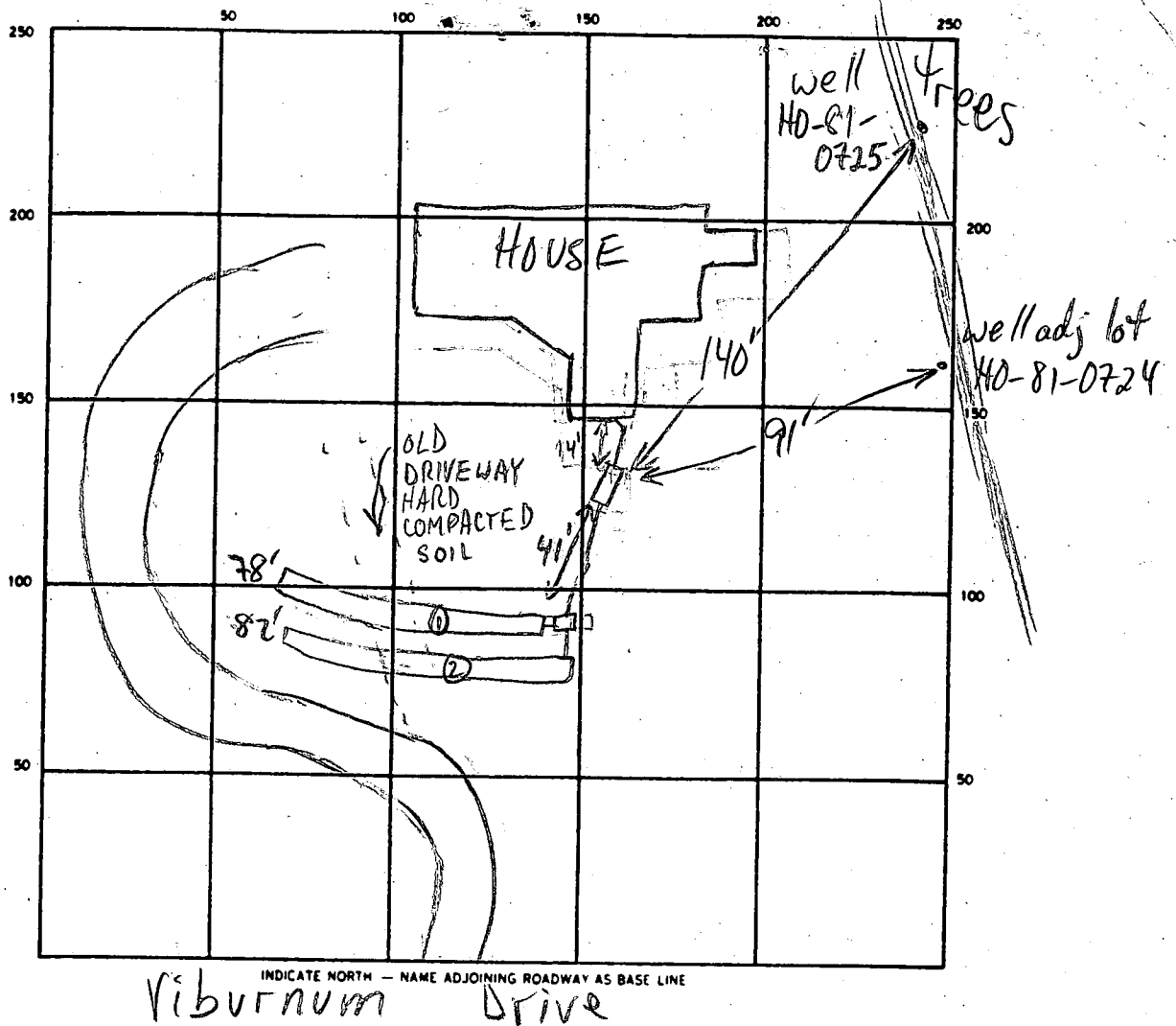
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

27471



SEPTIC TANK. LEVEL OK 1250 GAL CLEANOUTS OK - S.T.

DISTRIBUTION BOX. LEVEL OK BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 8' 5/8" 2' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3' 5/8" 3.5 FT.

EFFECTIVE GRAVEL DEPTH 5' 1 1/2 FT. TOTAL LENGTH 78' 82' 160 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 800 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS 12/27/89 OK TO CONTINUE W/ TRENCH 1; TRENCHES  
RUNNING THRU HARD COMPACTED SOIL UNDER DRIVEWAY;  
LEAVE 1 END OPEN. BACKFILL HOUSE TO DB MR  
12/28/89 OK TO FINISH 2, & COVER ALL WHEN READY MR

DATE SYSTEM APPROVED 12/28/89 INSPECTOR M. Ripkin

7/13/79 #28 on plat of 7/13/79 #31 Section II  
**APPLICATION**

A 27471

P \_\_\_\_\_

SEWAGE DISPOSAL TESTING

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 5th

DATE 1/20/78

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 Kimburthill, Inc. Robt. & SUSAN PANEK

ADDRESS 2901 Olney-Sandy Spring Road PHONE 774-4500

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms

ROAD AND DESCRIPTION Triadelphia Mill Road

# 14621 VIBURNUM DR.

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 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 /s/ Dennis M. Rush

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING Reaccomplished 3/21/80 + 3/24/80 @ office

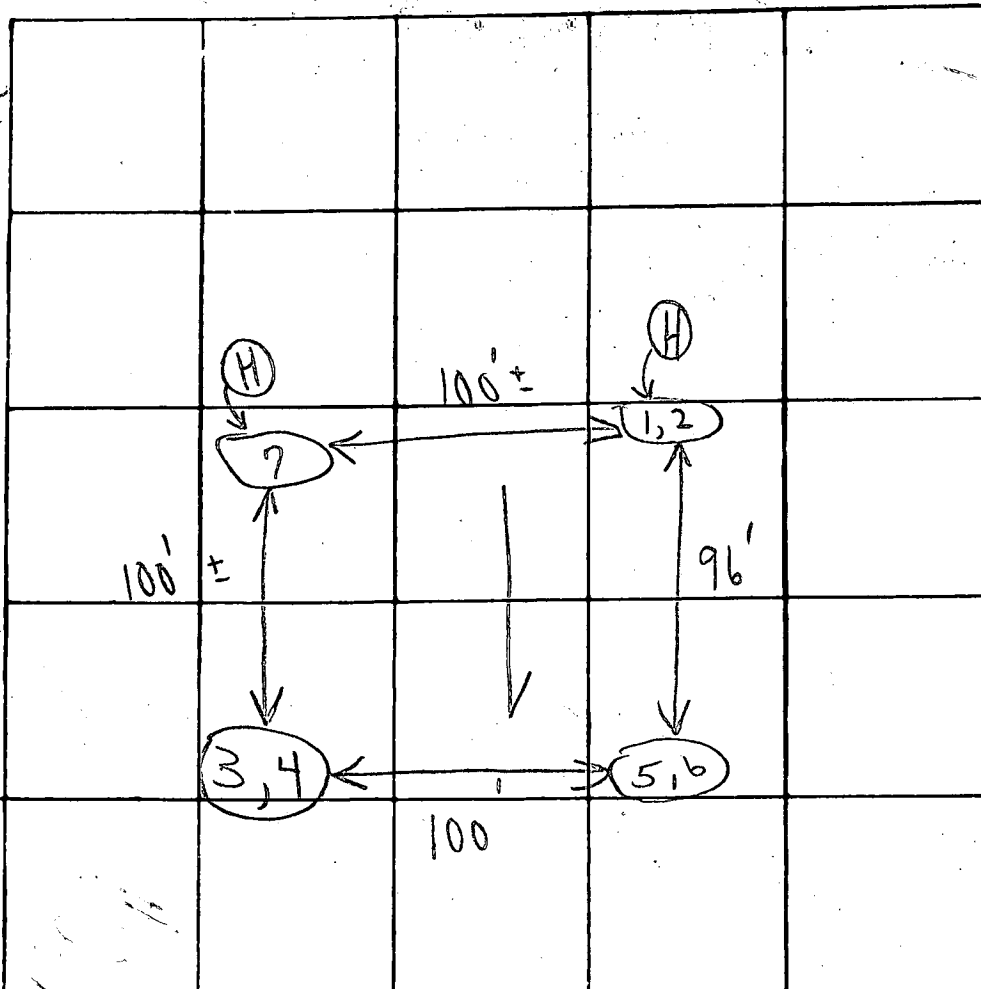
BLDG. PERMIT SIGNED BP # 70039 C.R.C.  
AND RETURNED 5-28-86

**THIS IS NOT A PERMIT**

#24

Sec 2

Treadleline Mill Road



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Unnamed Road

Soil Profile

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/1	1	3 1/2'	2:25	2:35	2:35	2:45	10 min
	2	12 1/2'	2:31	2:35	2:35	2:48	13 min
	3	3 1/2'	2:07	2:10	2:10	2:14	4 min
	4	12 1/2'	2:07	2:14	2:14	2:28	14 min
	5	2'	2:12	2:15	2:15	2:19	4 min
	6	13'	2:13	2:20	2:20	2:36	16
	7	12'	Visual				
						6	61

Inlet  
3 1/2'12 min.  
avg.(11 min  
average)

REMARKS

(Reaccomplished 3/21/80 + 3/24/80)

TYPE OF SOIL

TESTED BY

M. B. + C. B. W.

ALSO PRESENT:

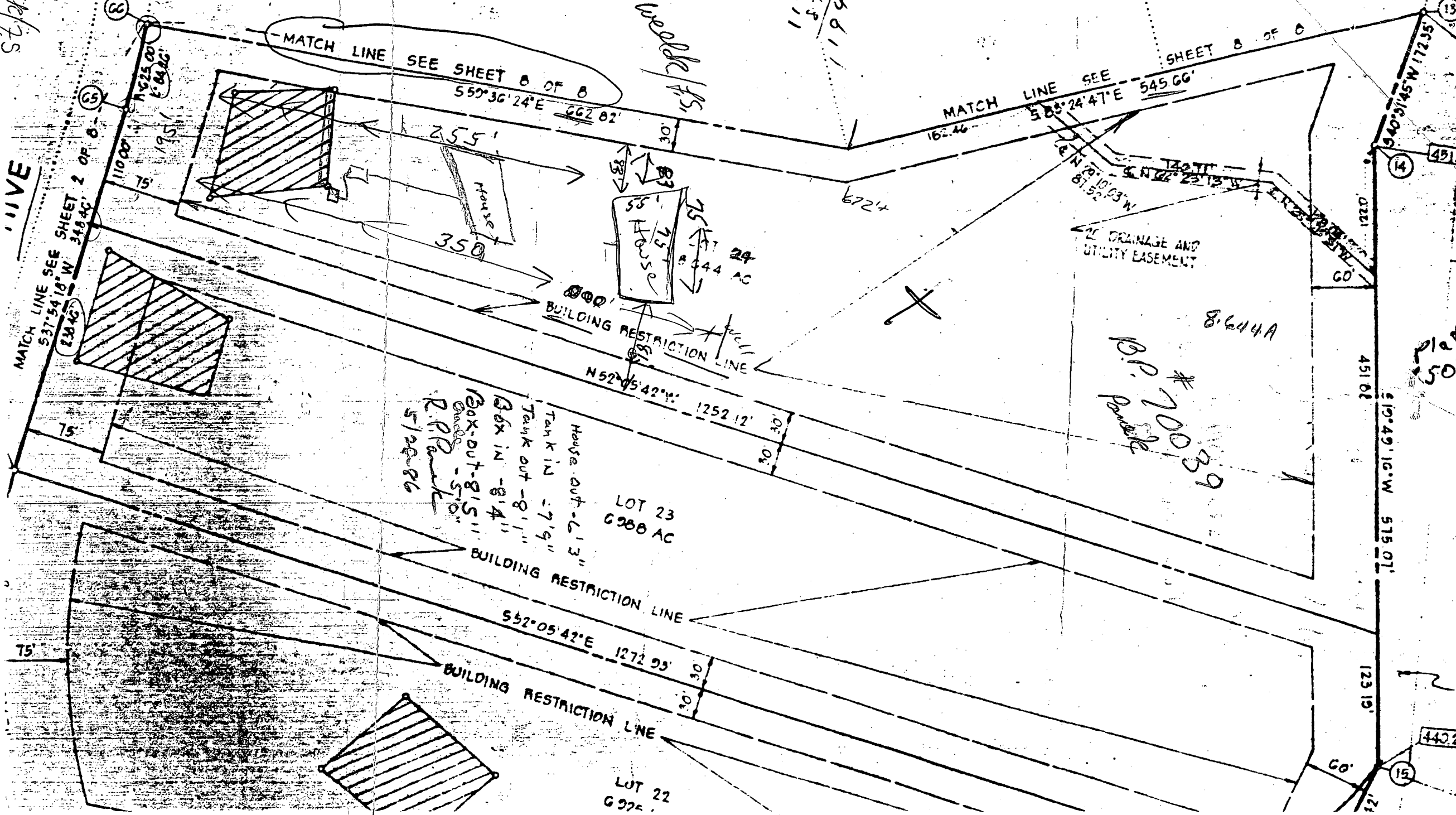
{ 2 of Fyock's men

bed 17.5

18 x 36"

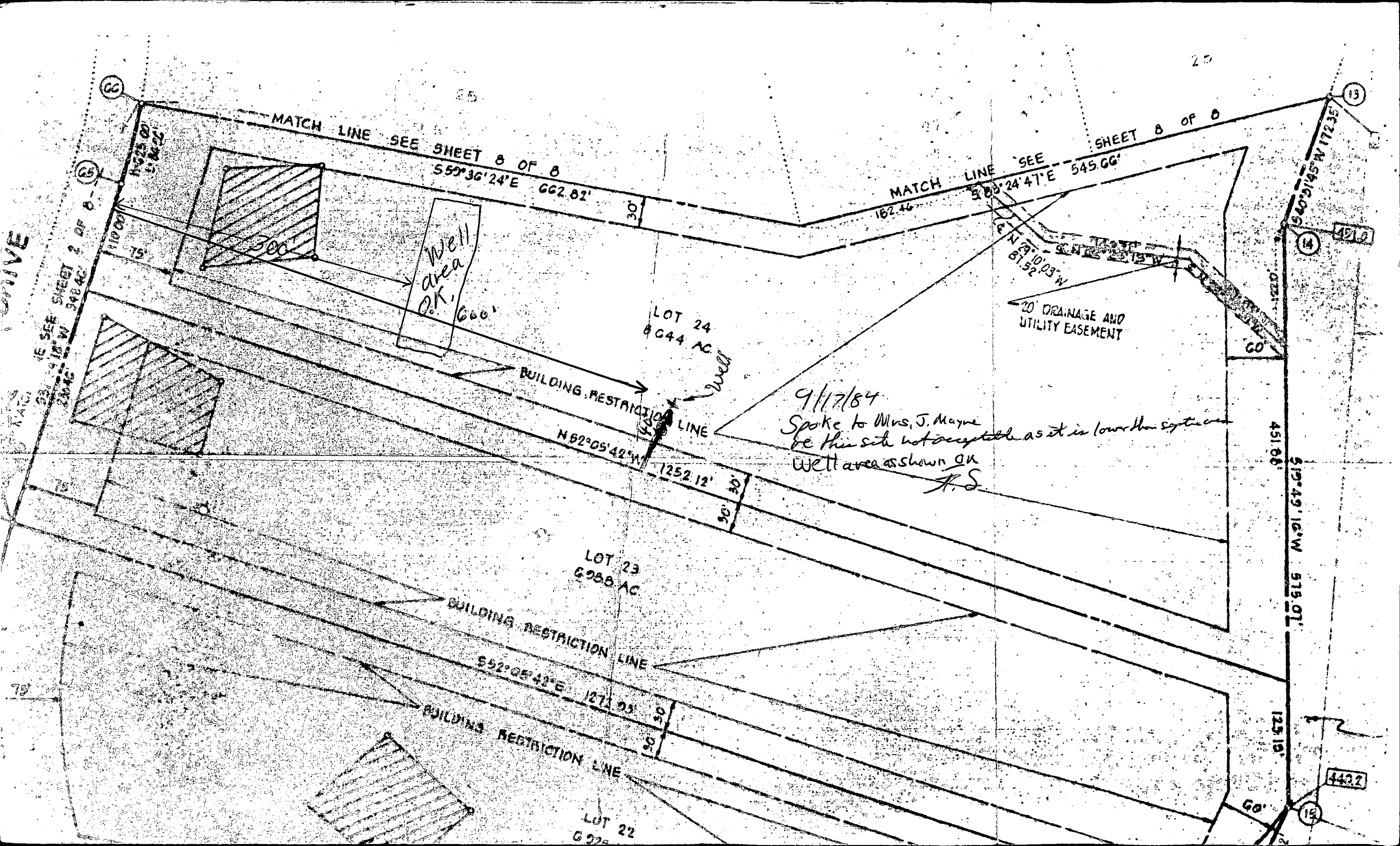
561.1  
110

IVE



Plot 5087

REVIEW

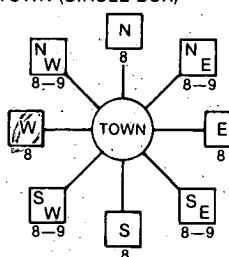



Robert P. Panek

EDWARD  
RODOLPH  
LIMITED  
DIVISION OF  
CONCRETE  
HEALTH

12

12

<b>B 1</b> <div style="font-size: 2em; font-weight: bold; margin: 5px;">2914</div> <div style="font-size: 0.8em;">(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</div>	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND 2nd.</b> <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">           40-81-0724         </div> <div style="font-size: 0.7em;">fill in this form completely</div>
<b>Date Received</b> 10/1/84 <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">             091084           </div>		<b>B 3</b> <b>LOCATION OF WELL</b> <div style="font-size: 0.8em;">             1 2              3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21              HOWARD              8 COUNTY              22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42              KALMIA FARMS              23 SUBDIVISION              SECTION 2 LOT 24              43 44 45 46 47 48 49 50 51 52              DAYTON              52 NEAREST TOWN              MILES FROM TOWN (enter 0 if in town) 3 MI              73 76 77 78           </div>	
<b>OWNER INFORMATION</b> <div style="font-size: 0.8em;">             15 Last Name 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34              PAVEK P. RCB-KT              35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52              1224 FT TERENCE              53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70              SYKESVILLE MD 21784              71 72 73 74 75 76 77 78 79 80           </div>		<b>DRILLER INFORMATION</b> <div style="font-size: 0.8em;">             Driller's Name 81 82 83 84 85 86 87 88 89 90              Joseph B. Wayne 238              77 License No. 80              Firm Name 91 92 93 94 95 96 97 98 99 100              5512 Ridge Rd. W. Dayton Md.              Address 101 102 103 104 105 106 107 108 109 110              Joseph B. Wayne 9/10/84              Signature 111 112 113 114 115 116 117 118 119 120              Date 121 122 123 124 125 126 127 128 129 130           </div>	
<b>B 2</b> <b>WELL INFORMATION</b> <div style="font-size: 0.8em;">             1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20              APPROX. PUMPING RATE (GAL. PER MIN.) S              AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500              14 20           </div>		<b>B 4</b> <div style="font-size: 0.8em;">             1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20              DIRECTION OF WELL FROM TOWN (CIRCLE BOX)               21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40              Viburnum Drive              11 30              NEAR WHAT ROAD              ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)               34 35 36 37 38 39 40              DISTANCE FROM ROAD              ENTER FT or MI 600 FT              38 39           </div>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <div style="font-size: 0.8em;"> <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  <input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)  <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)           </div>		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <div style="font-size: 0.8em;">             HOWARD COUNTY NAME              A27471 COUNTY NO.              OEP SIGNATURE Frank Sklar 3/17/85              DATE ISSUED 091784              NORTH GRID 507000 EAST GRID 0794000              50 55 57 63           </div>	
<b>APPROXIMATE DEPTH OF WELL</b> 260 FEET <div style="font-size: 0.8em;">             24 28           </div>		<b>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X</b> <b>SOURCES OF DRILLING WATER</b> 1. WELL 2. 3. <b>WRITE THE BOX NUMBER FROM THE MAP HERE</b> <div style="font-size: 0.8em;">             E 790 4              N 500 7              000 000           </div>	
<b>APPROXIMATE DIAMETER OF WELL</b> 6 INCH <div style="font-size: 0.8em;">             24 28           </div>		<b>10/1/84</b> <b>79' - casing</b> <b>40' - open</b> <b>10 - bags cement</b> <b>Location appears ok per plot.</b>	
<b>METHOD OF DRILLING (circle one)</b> <div style="font-size: 0.8em;">             BORED (or Augered) JETTED Jetted &amp; DRIVEN              30- AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)              37- CABLE REVERSE-ROTARY Drive-POINT              other           </div>		<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <div style="font-size: 0.8em;"> <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL  <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED              39- <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL              PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 42 43 44 45 46 47 48 49 50 51 52           </div>	
<b>Not to be filled in by driller (OEP USE ONLY)</b> <b>APPROP. PERMIT NUMBER</b> 54 55 56 57 58 59 60 61 62 63 <b>FORCE</b> FS <b>WRITE INITIALS IN BOX</b> 67 68 <b>PERMIT No.</b> 40-81-0724 70 71 72 73 74 75 76 77 78 79		<b>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION</b> <div style="font-size: 0.8em;">             N              790 4              500 7              000 000              Dayton              Triadelphia Rd.              Viburnum Dr.              Betula Way.              250'           </div>	
<b>SPECIAL CONDITIONS</b>			



Review *H 9757*

made of \_\_\_\_\_  
date October 1, 1984

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0724  
Location of property (road) Viburnum Drive  
Subdivision Kalmia Farms Lot 24 Block      Plat      Sec.       
Well Driller Joseph Mayre Owner Robert Panek

Depth of well 305'  
Distance of measuring point (M.P.) above ground 1 1/2'  
Static water level (S.W.L.) below M.P. 22'

Time pump started 10:30 Pumping rate 10 GPM  
Total time to reach pumping water level 85 ft. below M.P.

[illegible]

C12911SEQUENCE NO. (OEP USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.  
COUNTY NUMBERA 27471

DATE Received

DATE WELL COMPLETED100184

Depth of Well2230526  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H0-81-0724

OWNERPanekRobertP.  
last namefirst name

STREET OR RFDVirburnum DriveTOWNDayton

SUBDIVISIONKalmia FarmsSECTION2LOT24

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	
Brown Shale	0	22	
Sand	22	75	
Gray mica rock	75	305	✓

GROUTING RECORD  
WELL HAS BEEN GROUTED  
(Circle Appropriate Box)  
TYPE OF GROUTING MATERIAL  
CEMENTCMBENTONITE CLAYBC  
NO. OF BAGS10NO. OF POUNDS940  
GALLONS OF WATER60  
DEPTH OF GROUT SEAL (to nearest foot)  
from0ft. to40ft.  
(enter 0 if from surface)

CASING RECORD  
casing types  
insert appropriate code below  
STSTEELCOCONCRETE  
PLPLASTICOTOOTHER  
MAIN CASING TYPE  
Nominal diameter top (main) casing (nearest inch)  
Total depth of main casing (nearest foot)  
ST479  
OTHER CASING (if used)  
diameter inchdepth (feet) from to

SCREEN RECORD  
screen type or open hole  
insert appropriate code below  
STSTEELBRBRASS BRONZE  
PLPLASTICOTOOTHER

C3  
PUMPING TEST  
HOURS PUMPED (nearest hour)3  
PUMPING RATE (gal. per min. to nearest gal.)7  
METHOD USED TO MEASURE PUMPING RATEPuckett  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING22  
WHEN PUMPING85  
TYPE OF PUMP USED (for test)  
AairPpistonTturbine  
CcentrifugalRrotaryOother (describe below)  
JjetSsubmersible

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 10.17.13 "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 SIGNATUREJoseph P. Mayne  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C2  
DEPTH (nearest ft.)  
H077305  
SLOT SIZE 123  
DIAMETER OF SCREEN5660 (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.) WQ  
7072747576  
TELESCOPE CASING LOG INDICATOR OTHER DATA

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)  
+ above  
- below  
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)  
VIRBURNUM DR.  
300'  
Well  
40'

Page 1 of 1  
Date Oct 1, 1984

Well Permit No. HO - 81-0724

Subdivision Kalmia Farms

Lot 24 Block — Plat — Sec. 2

Well Driller Joseph L. Mayne

Owner Robert P. Panek

Depth of well 305

Distance of measuring point (M.P.) above ground 18

Static water level (S.W.L.) below M.P. 22

∴ High rate pumping -- reservoir drawdown

Time pump started 10:30

Pumping rate 10

Total time 30 min to reach pumping water level 80 ft. below M.P.

11. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

