

7/11/85
7/18/85

W.P.I. 7/11/85 7-19-85 approved
Sabel

PERMIT

P 35246
A 26949

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-386659

ELLICOTT CITY
DISTRICT 5th.

INDEXED

DATE 4/10/85

C. C. Cissel IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006

SUBDIVISION Kalmia Farms, Sec. 1 ROAD 5240 Kalmia Drive LOT 17, Sec. 1

PROPERTY OWNER Joseph Maloney

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3.

TRENCHES - 174 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 150 feet from the front lot line and 160 feet from the left lot line as seen when facing the property from Kalmia Drive. Run trench(s) along level ground toward left lot line. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

7-19-85 WPI PRESS 3.5' below GRADE
well line 3.5-4.5' below GRADE
PRESSURE TANK NOT INSTALLED
Sabel

PLANS APPROVED BY C. Williams DATE 1/25/85

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

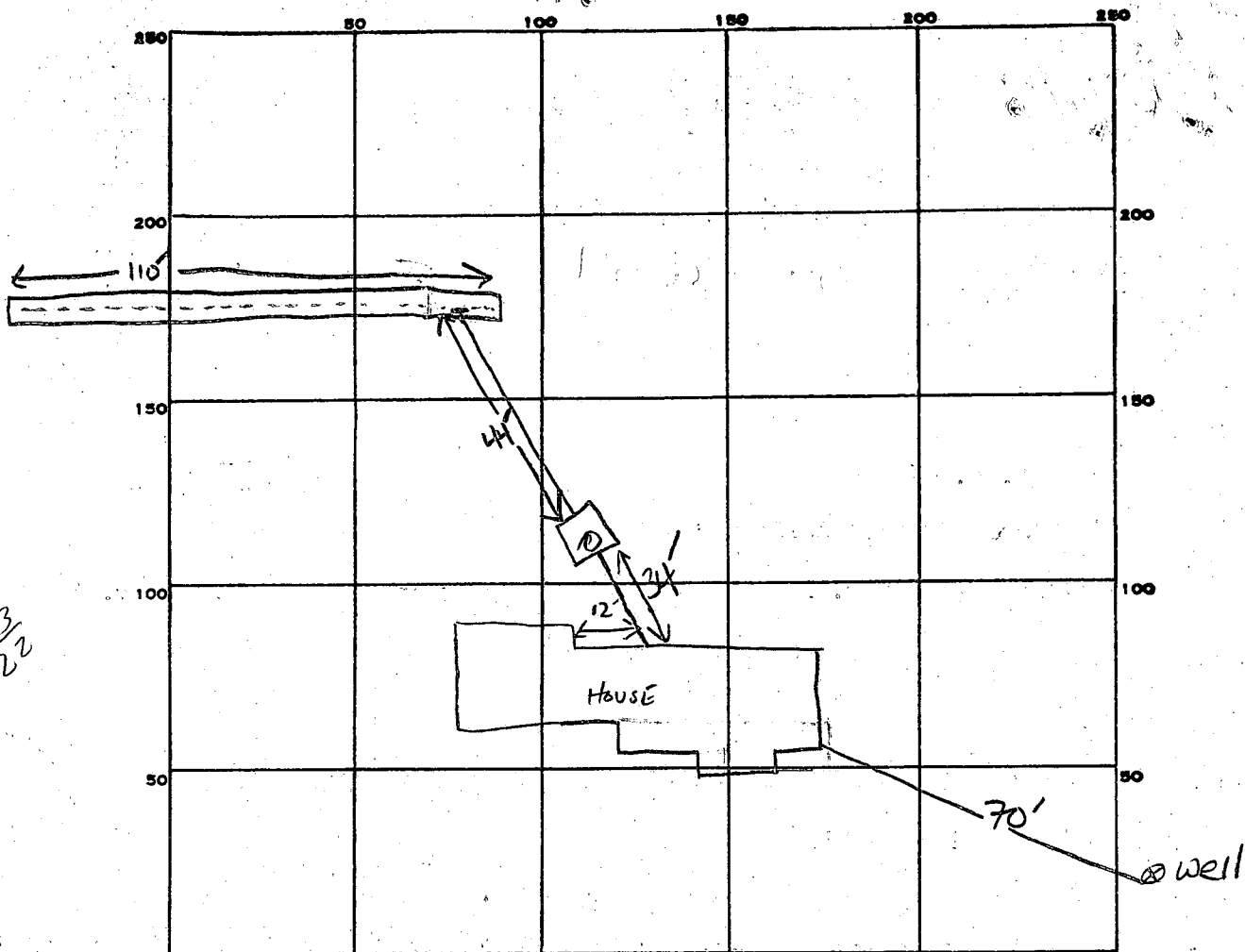
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 210949



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL ✓ 1000 GAL

CLEANOUTS ✓ ST

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 8 FT.

TRENCH WIDTH 2 FT.

2 SOME LAVING IN OF SIDES
INLET 3 FT

GRAVEL DEPTH 5 FT

IN.

TOTAL LENGTH 110 FT.

NUMBER OF TRENCHES 1

TOTAL BOTTOM AREA 550 SQ. FT.

SEEPAGE PITS, INSIDE DIAMETER — FT.

DEPTH BELOW INLET — FT.

ABSORBENT AREA 550 SQ. FT.

REMARKS

7-10-85 OK TO ADD STONE-SAND 7-10-85 - OK TO COVER TRENCH - NEED

HOUSE CONNECTION AND PIPE TO ST; NEED CLEANOUT ON ST SAND

DATE SYSTEM APPROVED

7-19-85

INSPECTOR

SMB

MALONEY

A 26949

SUBDIVISION: KALMIA FARMS SECT. I

LOT NUMBER: 17

~~DRY WELL OR DRY WELL AND TRENCH~~

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

1.74 sq. ft./bedroom

Trench to be 2 wide.
 Inlet 3 feet below original grade.
 Bottom maximum depth 8 feet below original grade.
 Effective area begins at 3 feet below original grade.
5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 150' FROM THE FRONT LOT LINE
AND 160' FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE
PROPERTY FROM KALMIA DRIVE. RUN TRENCH(S) ALONG LEVEL GROUND
TOWARD LEFT LOT LINE. 1-25-85 C. Willham

BP 63174

April 3-27-85

APPLICATION

A 26949

Pre

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 1000 gallons

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Septic tank { 1-3 Bedrooms
4 Bedrooms DISTRICT 5th
DATE 9/27/77

Dry well to have 125 sq. ft. effective
absorbant sidewalk area per bedrock below
inlet. Inlet to be 2' below original grade
and maximum depth 10'.
plat. down 25' from left front corner of
left property line with respect to lot from Kalmia Drive
(1+2) Per code

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.

Joseph Maloney

PROPERTY OWNER Kimburthill, Inc. t/a Kalmia Farms Nursery

ADDRESS 2901 Olney-Sandy Spring Road, Olney, Maryland PHONE 924-3668

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms SEC. I. LOT NO. 17, Sec. 1

ROAD AND DESCRIPTION Triadelphia Mill Road, Howard County, Maryland

5240 Kalmia Dr.

SIZE OF LOT _____ TYPE BLDG. _____ 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 *[Signature]*

APPROVED BY C. B. Streaker FOR Dry Well DATE 2/13/79
(KIND OF SYSTEM)

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

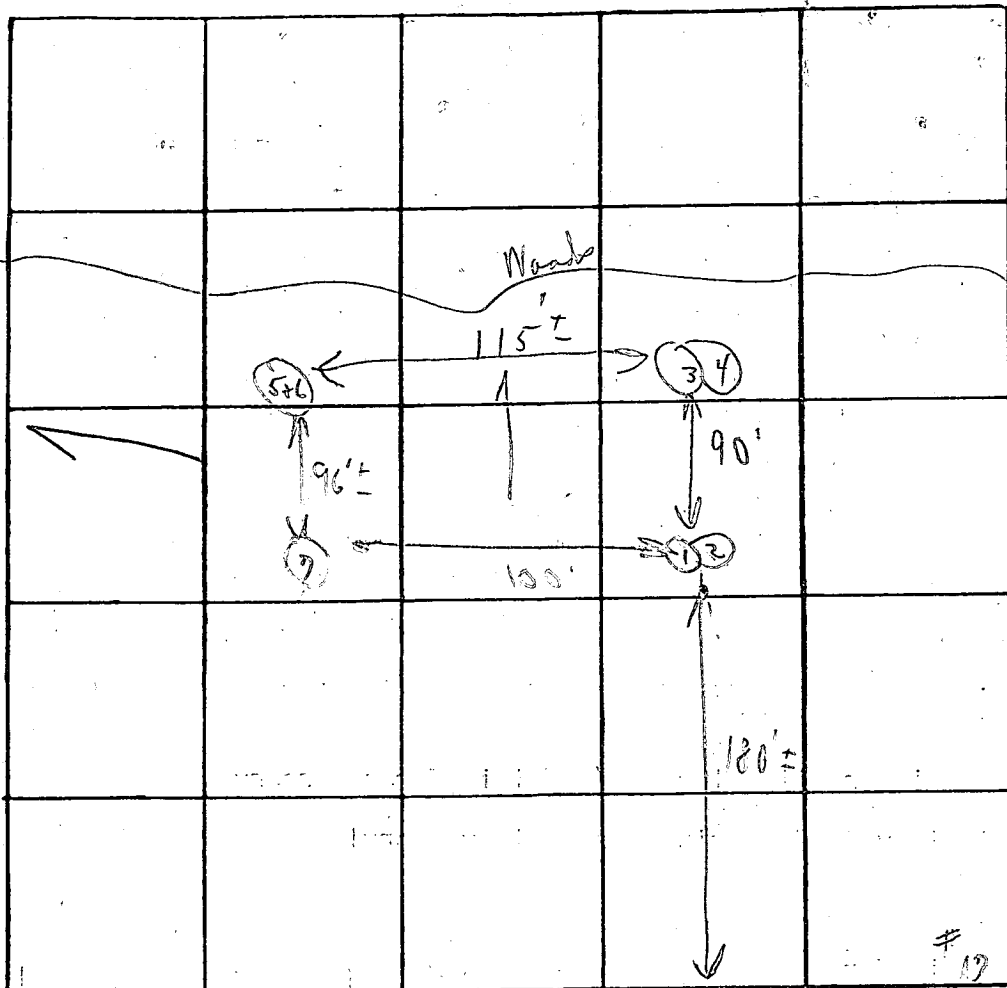
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____
B.P.# 63174

RCM CORP
5520 CEDAR LANE
COLUMBIA MD 21044

ATTN BILL WATKINS

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R/W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/68	1	2'	3:27	3:29	3:29	3:35	6m
	(H) 2	12'	3:27	3:30	3:30	3:37	7m
	3	3'	3:33	3:35	3:35	3:38	3m
	4	11'	3:34	3:37	3:37	3:47	10m
	5	3 1/2'	3:32	3:35	3:35	3:38	3m
	6	12'	3:31	3:39	3:39	3:57	18m
	7	11 1/2'	Wet		3 1/2'-4'	lean	6:47

Inter 2'

8m - avg.

REMARKS the open

TYPE OF SOIL _____

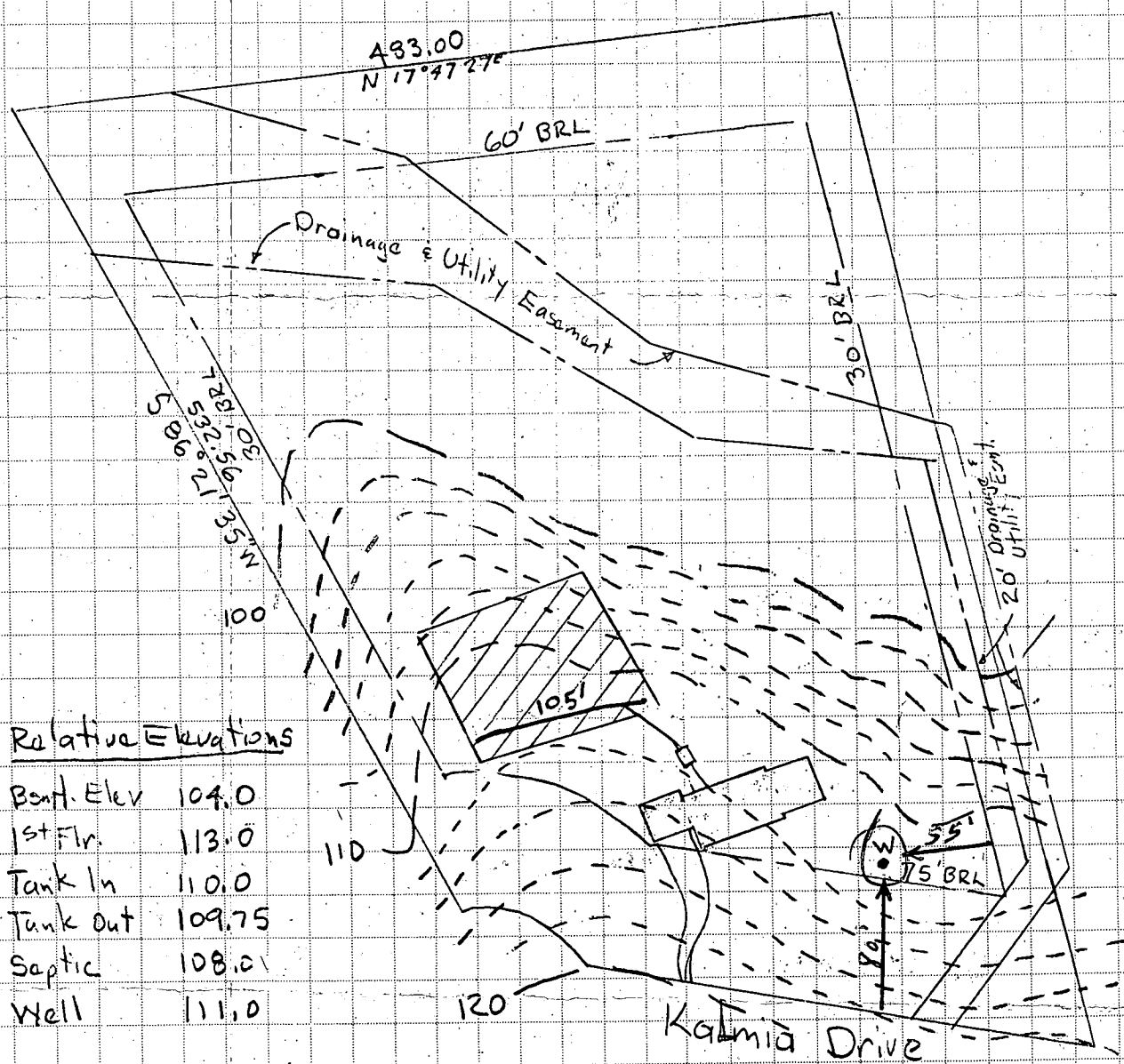
TESTED BY C. B. d ALSO PRESENT: 3 F. ...

Field sheet

JOB Maloney

RCM CORPORATION
5520 Cedar Lane
COLUMBIA, MARYLAND 21044
(301) 982-1333

SHEET NO. _____ OF _____
CALCULATED BY Bill Watkins DATE Jan 29, 1995
CHECKED BY _____ DATE _____
SCALE 1" = 100'



Relative Elevations

Bound. Elev	104.0
1st Flr.	113.0
Tank In	110.0
Tank Out	109.75
Septic	108.01
Well	111.0

Lot 17 Kalmia Farms
5,307 Acres
1" = 100'
Contour Interval = 2'

3 bedrooms @ 174 \$ / bedroom no garbage $\frac{174 \times 3}{5} = 105$ ft. of ranch
1500 gallon tank
No Basement Gravity Plumbing

5240 KALMIA DR.
DAYTON, MD. 21036

C1 9579 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 33531

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

DATE Received DATE WELL COMPLETED Depth of Well PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER MALONEY BARBARA STREET OR RFD KALMIA DRIVE TOWN DAYTON SUBDIVISION KALMIA FARM SECTION 1 LOT 17

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: BROWN SLT., SAND, GRAY mica Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 10, NO. OF POUNDS: 240.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE: ST, Nominal diameter: 6, Total depth of main casing: 59.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below. SCREEN TYPE: ST, BR, HO, PL, OT.

DEPTH (nearest ft.) table with handwritten entries: 1: H0, 57, 245; 2: ; 3: .

A CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

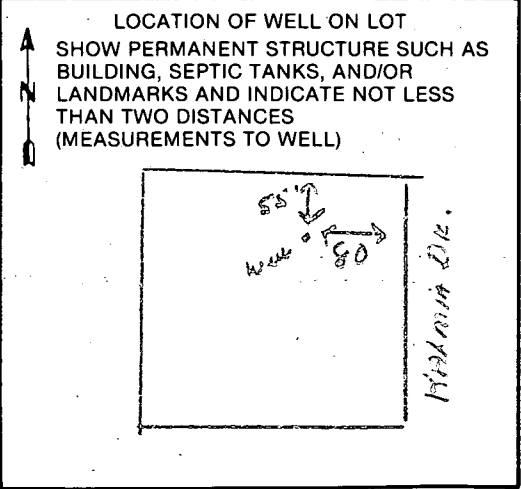
DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE Joseph Malone

GRAVEL PACK from to 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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: PUMPING TEST, HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 6, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test) 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)



1549

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-0926

fill in this form completely

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

Date Received

3/19/85

OWNER INFORMATION

MALONEY BARBARA

7036 MIWK BELLOW RD

HIGHLAND MD 21067

LOCATION OF WELL

HOWARD COUNTY

KALMIA FARM

SECTION 1

LOT 17

DAVTON

MILES FROM TOWN (enter 0 if in town) 2 3/4 MI

DRILLER INFORMATION

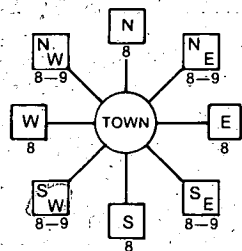
Joseph S. Wayne 238

Joseph S. Wayne

5572 Ridge Rd. Mt. Airy, Md. 21111

Signature Date 3/7/85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Kalmia Drive NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 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 33531 COUNTY NO.

OEP SIGNATURE DATE ISSUED

031285 O. Stamen 9/12/85

NORTH GRID 506000 EAST GRID 0795000

APPROXIMATE DEPTH OF WELL 220 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered)
Jetted
Cable
Reverse-Rotary
Drive-Point

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 deepen an existing well

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

APPROP. PERMIT NUMBER GAP

FORCE JS PERMIT No. HO-81-0926

SPECIAL CONDITIONS

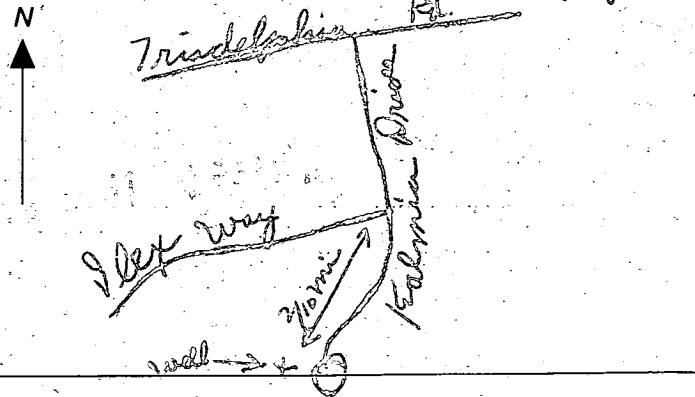
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. WELL
2.
3.

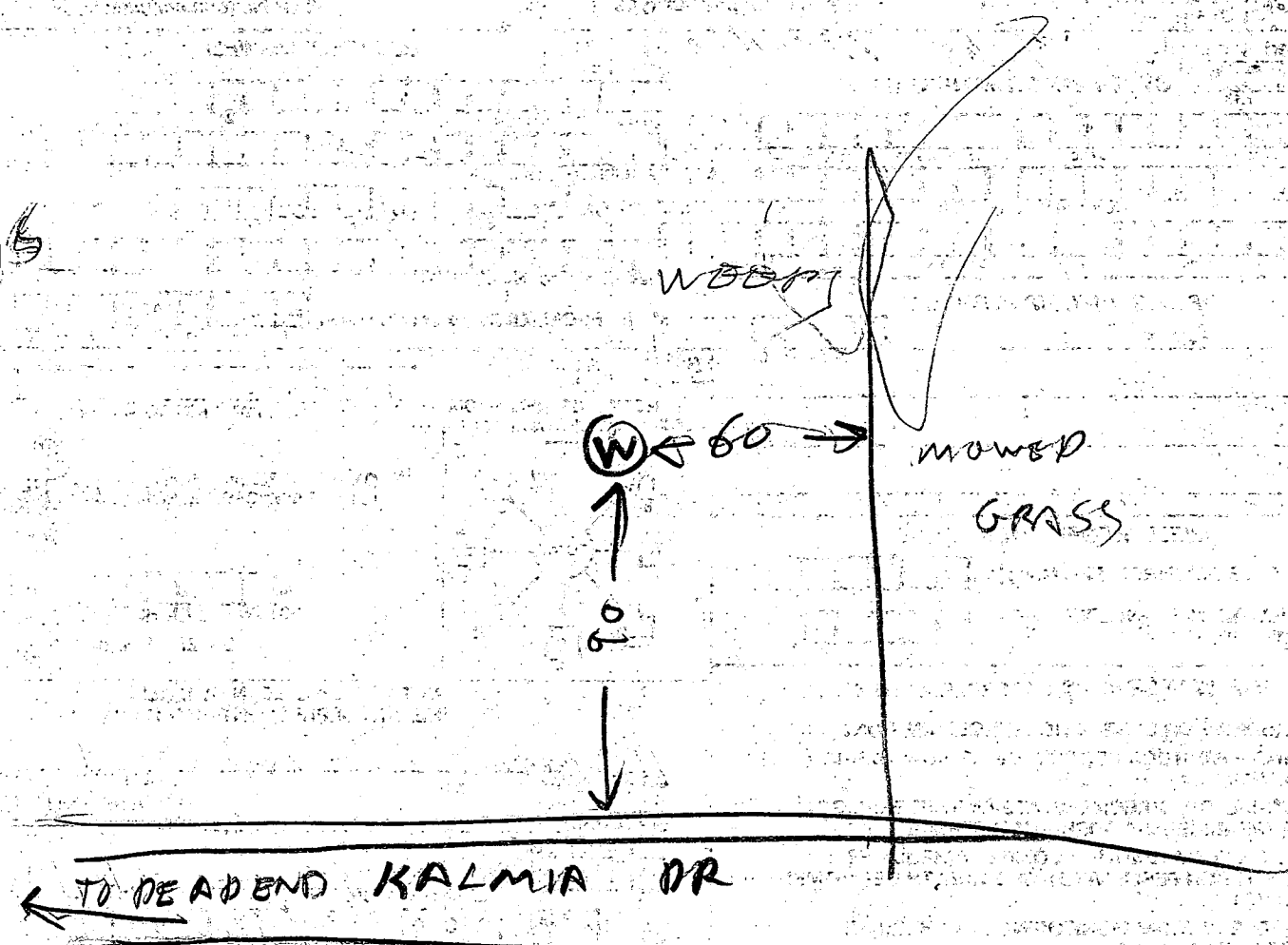
WRITE THE BOX NUMBER FROM THE MAP HERE

7905
5006

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



95



- ① 59 FT CASING 2 FT OUT OF GROUND
- ② 21 FT OPEN HOLE WEIGHTED STRING
- ③ PIPE JETTED DOWN WELL 10 FT PIPE
2 FT HOSE FOR A TOTAL OF 39 FT
- ④ LOCATION OK
- ⑤ Ten BAGS
- ⑥ WELL OK

R. HODGES
3/19/05

W P I

7/11/85 - Pump, Pitless + Line installed
4 ft below grade. No work completed
inside. JS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

Barbara M. Maloney
(Name)

Current address:
7036 Mink Hollow Rd.
(Address) Highland, Md. 20777

(OEP Well Permit Number)

2/21/85
(Date)

RCM Corporation
Custom Home Builders
P. O. Box 186
Columbia, MD 21045

Lot 17, Kalmia Farms
Future Address:
5240 Kalmia Dr., Dayton
21036