

7/14/82 App'd F.S.

12/20/79 10/31/79
Perc.

PERMIT

P 30270
A 26343

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-386551

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 10/9/79

Bob Orndorff

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Kalmis Farms ROAD 5229 Kalmia Drive LOT 8, Sec.1

ERIC SCHWELLING

PROPERTY OWNER John Collins

ADDRESS 7805 Greenwood Avenue, Takoma Park, Md.

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS **MANHOLE TYPE CLEANOUT AND COVER ON TANK CLEANOUT IF OVER 3 FT. FROM ORIGINAL GRADE TO TOP OF TANK.**

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

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

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 125 SQ. FT. per bedroom in system.

INLET PIPE 2 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 105 FT. FROM right LOT LINE AND 255 FT. FROM _____ ~~LOT LINE AS SEEN WHEN~~

~~XXXXXXXXXX~~ right rear corner point down right property line when facing lot from Kalmis Drive. (Perc hole 1&2).

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM.

LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND.

PLANS APPROVED BY C.B. Streaker DATE 2/13/79

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.

BUILDING PERMIT SIGNED AND RETURNED

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

2/26/2003 B00140454 DETACHED GARAGE

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

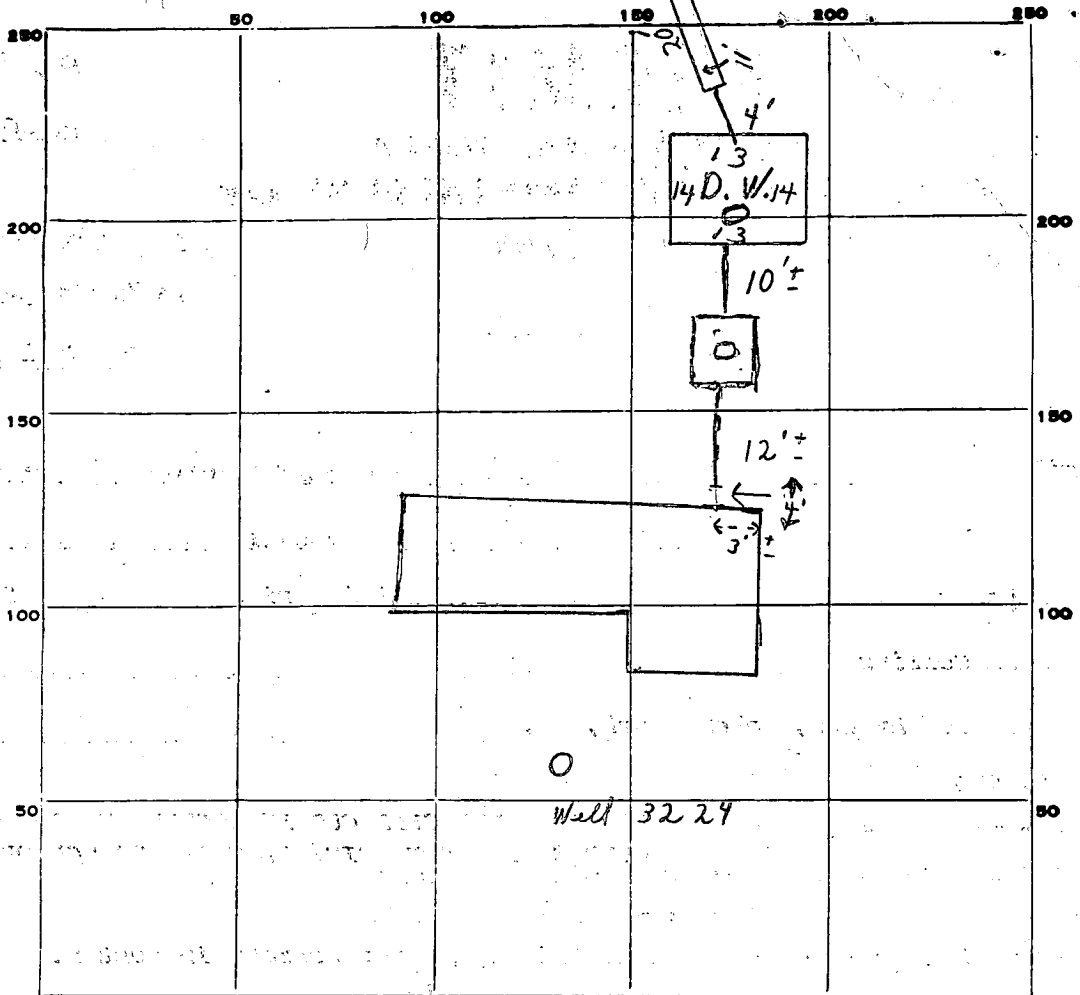
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

A 26343

125
4
500

26
28
54
8
432
160
592



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD Kalmia Drive S.T. | D.W.

SEPTIC TANK, LEVEL CLEANOUTS terra cotta

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8 FT. TOTAL LENGTH 20 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 160

SEEPAGE PITS, INSIDE DIAMETER 54 FT. DEPTH BELOW INLET 432 FT.

ABSORBENT AREA 592 SQ. FT. " OF D.W. 10 1/2"

REMARKS 10/30/79 OK FOR STONE IN TRENCH

10/31/79 OK to cover all work up to septic tank -
leave open the cast iron pipe from septic tank
to house - must see final house connection for

DATE SYSTEM APPROVED 7/14/82 INSPECTOR St. Skinner per letter from owner (attached)

APPLICATION

A 26343

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

Septic Tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons
DATE _____

Dry well to have 125 sqft. effective absorbant sidewall area per bedroom below inlet. Inlet to be 2 1/2' below original grade and maximum depth 10 1/2'. Location per engineer's plat: 105' from right property line and 255' from right rear corner of down right property line when facing lot from Kalmia Drive.

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

Manhole type cleanout & cover on tank
cleanout if over 3' from original grade to top of tank.
Kimworth Hill, Inc. c.b.d. John Collins

ADDRESS

2901 Olney - Sandy Spring Rd. PHONE 270-6407
7805 Greenwood Ave., Takoma Park, Md. 974-4500

PROPERTY LOCATION

7805 Greenwood Ave., Takoma Park, Md.

SUBDIVISION

KALMIA FARMS SEC. I. LOT NO. # 8 20012

ROAD AND DESCRIPTION

TREADELPHIA MELL ROAD (New perc area)
5229 Kalmia Drive

SIZE OF LOT

3 acres m/l. 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 _____

BLDG. PERMIT SIGNED
AND RETURNED 5/23/79
Serial No. 39533

APPROVED BY

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

REJECTED BY _____

FOR _____ DATE _____
(KIND OF SYSTEM)

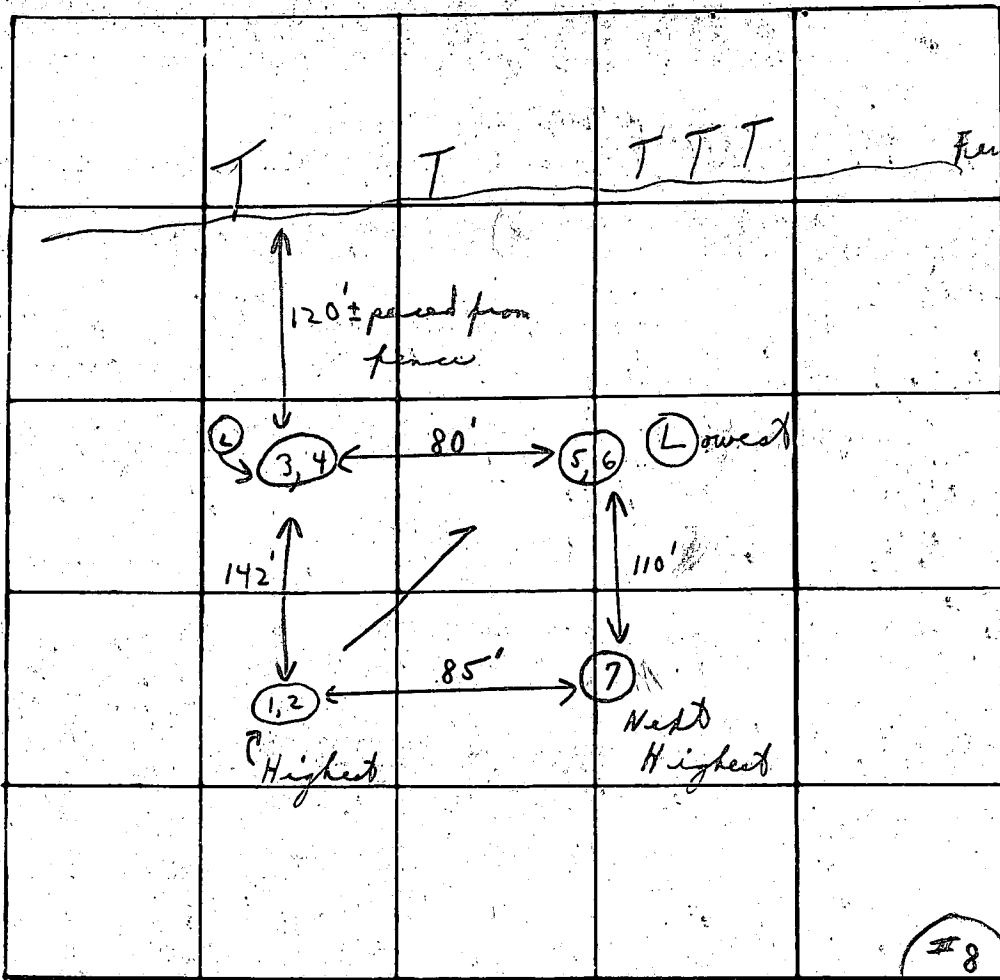
HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

3/1/78 Officer - rear complicated for files. Hold for certified holes c.b.d.

THIS IS NOT A PERMIT



T = Tree

Distance between holes taped by M. B. + C. B. S.

INDICATE NORTH. -- NAME ADJOINING ROADWAY AS BASE LINE

Soil Profiles

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/10/78	1	2 1/2'	2:58	3:00	3:00	3:03	3 min	
	(H) 2	11 1/2'	2:55	3:01	3:01	3:14	13 min	
	3	3'	2:28	2:31	2:31	2:36	5 min	
	(L) 4	13'	2:28	2:34	2:34	2:42	8 min	
	5	3'	2:26	2:28	2:28	2:33	5 min	
	(L) 6	14'	2:25	2:34	2:34	2:48	14 min	
	7	(12 1/2' - 13')	Visual similar to (1+2) ↓				from 4' appears sandy loam	6 48

Below
 (1) snow
 (2) clay
 (3) sandy loam

Inlet 2 1/2' } 8m

(Open area where tested - a few trees around hole (5+6))

Office copy (#8) From Redesignated plots as of 2/10/78

REMARKS TYPE OF SOIL _____

TESTED BY C. B. S. ALSO PRESENT: M. B. + C. B. S.

B 1 5648 (SEQUENCE NO. (WRA USE ONLY))

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER HO-73-3224 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 5/9/79 9:30 A.

OWNER COL 15 LAST NAME FIRST NAME COL 34 STREET OR RFD COL 36 POST OFFICE COL 57

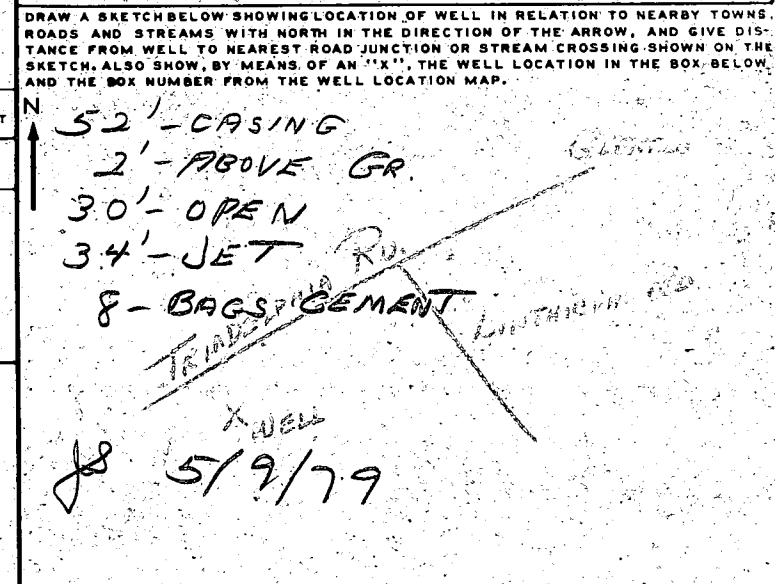
B 1 CONTINUED DRILLER INFORMATION DATE 4/3/79 LICENSE NUMBER 040 77 80 SIGNATURE

B 3 LOCATION OF WELL COUNTY 8 (DO NOT ABBREVIATE COUNTY NAME) 21 SUBDIVISION 29 SECTION 44 LOT 8 NEAREST TOWN 52 MILES FROM TOWN (ENTER 0 IF IN TOWN) 79 76 77 78

B 2 WELL INFORMATION MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 1000 USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING, AGRICULTURE, IRRIGATION I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. M MUNICIPAL WATER SUPPLY. P PRIVATE WATER COMPANY. T TEST

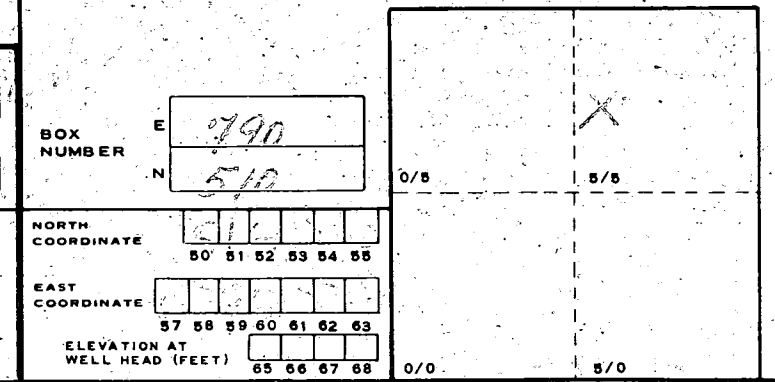
B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST NEAR WHAT ROAD TRADES ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N 32 S 32 E 32 W 32 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 100 34 37 38 39

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH) METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGERED) JETTED DRIVEN AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER (DESCRIBE)



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



B 4 CONTINUED HEALTH DEPARTMENT APPROVAL STATE HEALTH (CIRCLE BOX) COUNTY NAME COUNTY NO. DATE APPROVED BY

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

C 1 **7656** SEQUENCE NO. (WRA USE ONLY)

1 2 3 4 5 6 (SEQ. NO.)

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER 40

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED 5/19/79

DEPTH OF WELL 120 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-75-3229

DRILLER'S IDENTIFICATION NO. 40

OWNER: Collins, John A. LAST NAME FIRST NAME

STREET OR RFD. 7805 GREENWOOD AVE. POST OFFICE TAKOMA PARK, MD.

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	
Top Soil	0	3	
SANDY	3	40	
SANDSTONE	40	58	
MICK	58	120	<input checked="" type="checkbox"/>

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT BENTONITE CLAY

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 40

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 34 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 52

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 50 TO 120

EACH SCREEN

1 40 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 _____

SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN _____ (NEAREST INCH)

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

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

TELESCOPE CASING LOG INDICATOR

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 20

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 120 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)

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) YES NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) _____

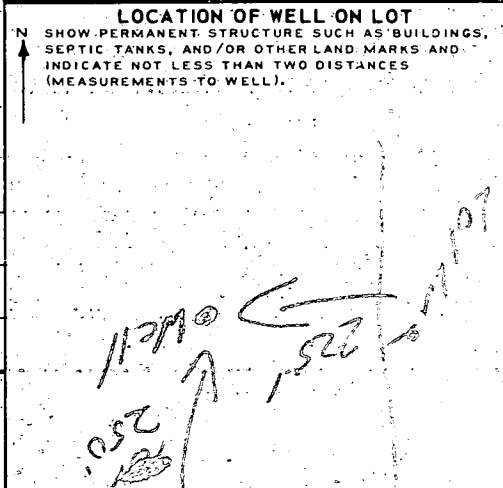
PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW

LAND SURFACE (NEAREST FOOT) 2



CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

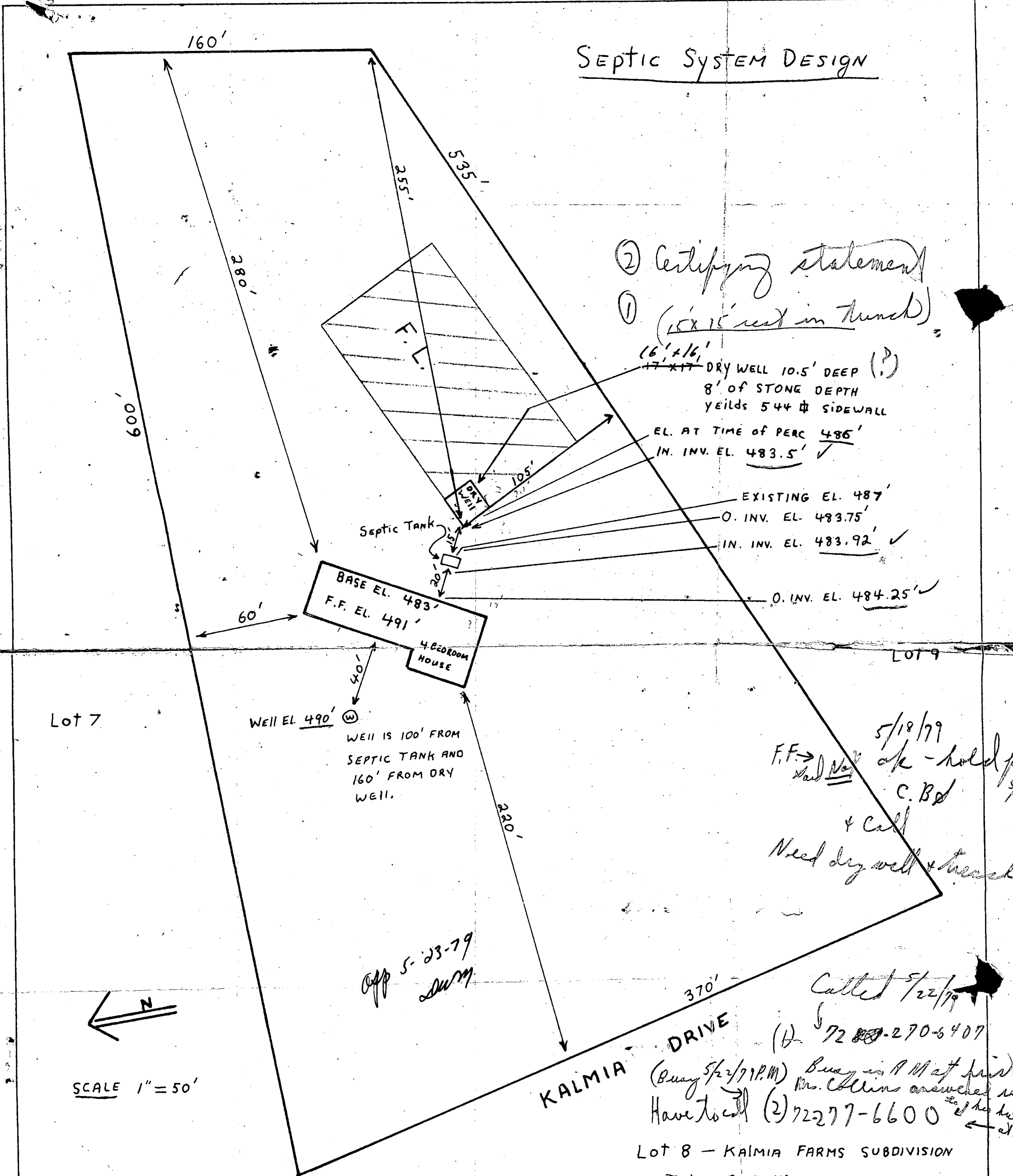
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME _____

(PLEASE PRINT) George F. Emeryway

SIGNATURE George F. Emeryway

SEPTIC SYSTEM DESIGN



- ② Certifying statement
- ① (15' x 15' rest in trench)

16' x 16' 17' x 17' DRY WELL 10.5' DEEP (?)
 8' OF STONE DEPTH
 YIELDS 544 # SIDEWALL

EL. AT TIME OF PERC 485'
 IN. INV. EL. 483.5' ✓

EXISTING EL. 487'
 O. INV. EL. 483.75'
 IN. INV. EL. 483.92' ✓

O. INV. EL. 484.25' ✓

WELL EL 490' (W)
 WELL IS 100' FROM
 SEPTIC TANK AND
 160' FROM DRY
 WELL.

5/18/79
 F.F. → ok - hold for
 and Wesley C. Bd
 + call
 Need dry well + trench

app 5-23-79
Wesley

Called 5/22/79
 (H) 728-270-6407

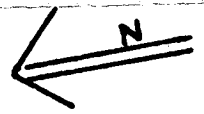
(Busy 5/22/79 P.M.) Busy in A.M. at first
 Mrs. Collins answered refered
 Have to call (2) 72277-6600 to her husband
 at work

LOT 8 - KALMIA FARMS SUBDIVISION
 John A. Collins OWNER
 3.3 ACRES

I certify that these elevations
 are true and correct for the above property.

Wesley R. John

SCALE 1" = 50'



SITE INSPECTION SHEET

OWNER: Eric Schwelling PHONE #: _____

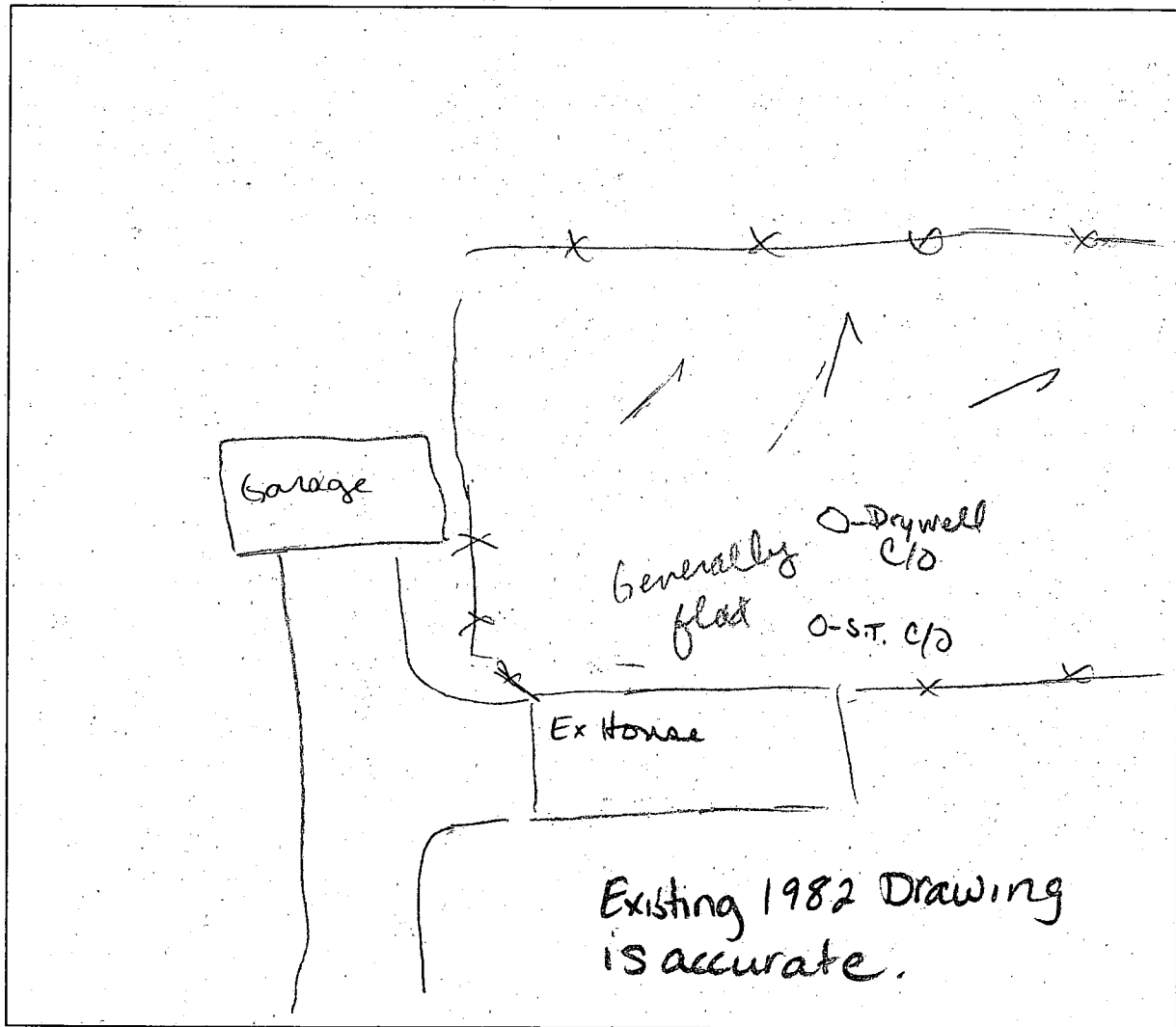
ADDRESS: 5229 Kalmia Drive CONTRACTOR: _____

Taxmap: 27 WELL TAG #: _____

SUBDIVISION: Kalmia Farms LOT: 8 COUNTY #: _____

PROPOSAL: Check effluent depth in dry well -
in support of BP 00140454; old system (1979).

LOCATION DIAGRAM



COMMENTS: Soil types: GIB₂, MIC₃

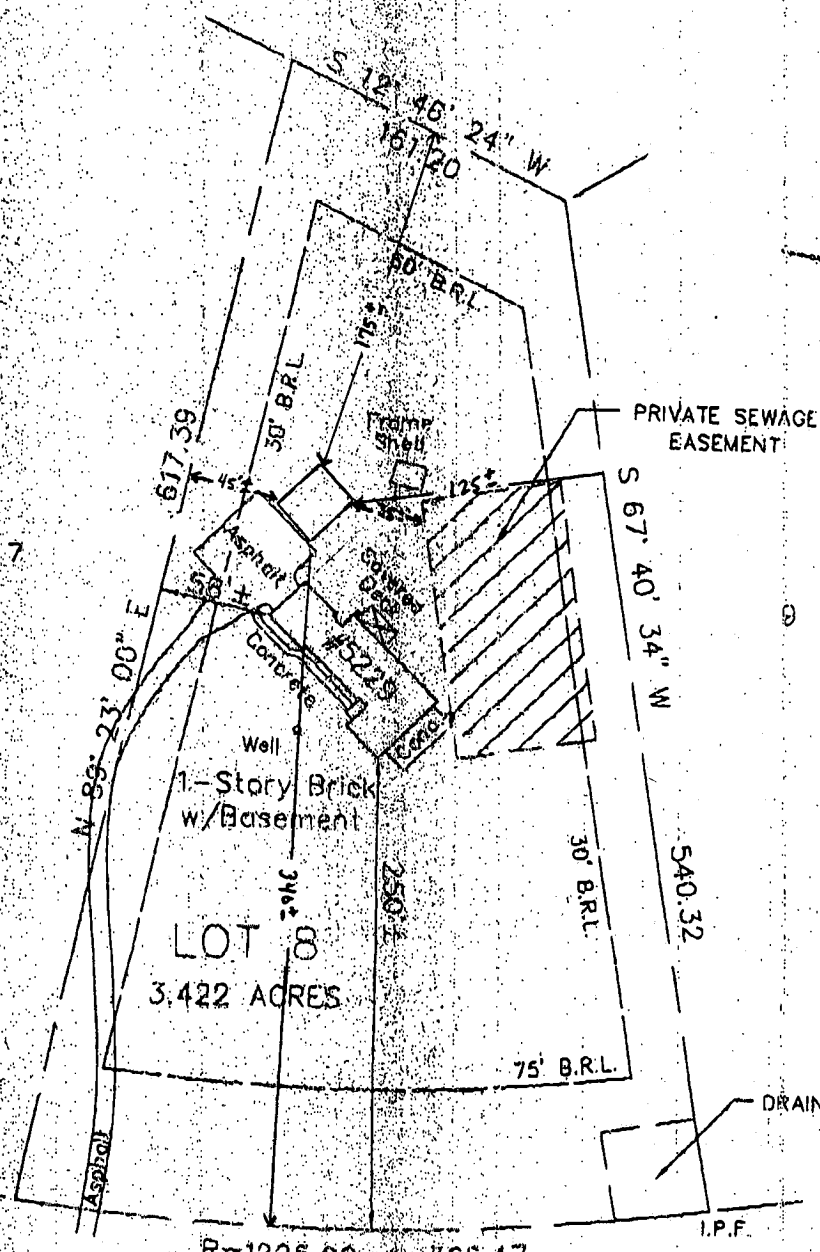
5-30-03 Dry well still functioning, however scum layer
in S.T. @ top. Recommend pumping s. tank. Plenty of
repair, area avail. Spoke with adult household member (KN)

DATE: 5-30-03 INSPECTOR: Karen Noonan

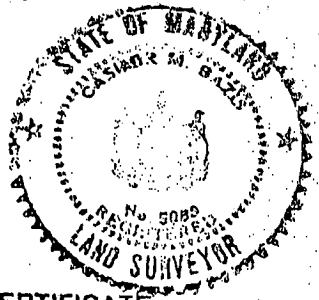
Eric Schwelling
301-854-1439

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

- NOTES:
- (1) The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 25
Date of Map: 12-4-86
Flood Zone: "C"
 - (2) No property corners found or set unless otherwise noted.
 - (3) The accuracy of this survey and the apparent setback distances is 2'.



Booily
2-26-07
although septic system old, it is sized for 4 bdrm, currently using three
Owner agrees to investigate efficacy of system in near future.
KN



SURVEYOR'S CERTIFICATE

I hereby certify that the property delineated hereon is in accordance with the plat of subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures, if any. This plat is NOT FOR DETERMINING PROPERTY LINES OR FOR CONSTRUCTION OF IMPROVEMENTS, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this plat.

Casimir M. Blazis
Casimir M. Blazis
PLS #7089

LOCATION DRAWING
LOT 8
SECTION 1
KALMIA FARMS
HOWARD COUNTY, MARYLAND

THIS SURVEY IS FOR TITLE PURPOSES ONLY

PLS # 02.0788B	DATE 11-18-02
DRAWN BY JT/KS	DRAFT DAB
	P# C.M.P. 4170
	SCALE: 1" = 100'

R.C. KELLY & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS

10801 LOCKWOOD DRIVE, SUITE 190
SILVER SPRING, MARYLAND 20901
(301)593-8005 FAX (301)681-7216
E-MAIL: survey@rckelly.com