

7/7/97  
2:00:00

# 328388

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58547

A REPAIR

DISTRICT \_\_\_\_\_

DATE 7-3-97

**HOWARD COUNTY HEALTH DEPARTMENT**

**BUREAU OF ENVIRONMENTAL HEALTH**

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 7/7/97

INSPECTOR M. Rifkin

**INDEXED**

Jack Fyock Septic Services \_\_\_\_\_ IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Glenair LOT 6 ROAD 3681 Sharp Road

PROPERTY OWNER \_\_\_\_\_ Somerloch

ADDRESS \_\_\_\_\_ 3681 Sharp Road  
Glenwood, Maryland 21738

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 65

**BUILDING PERMIT SIGNED  
AND RETURNED**  
6-20-95 BLDG 4041 GARAGE

REPAIR - PURPOSE - Drywell Failing.

Call for inspection when ground is opened so sanitarian can recommend repair.  
06/30/97

INLET 3' BOT 9' 6" STONE

PLANS APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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

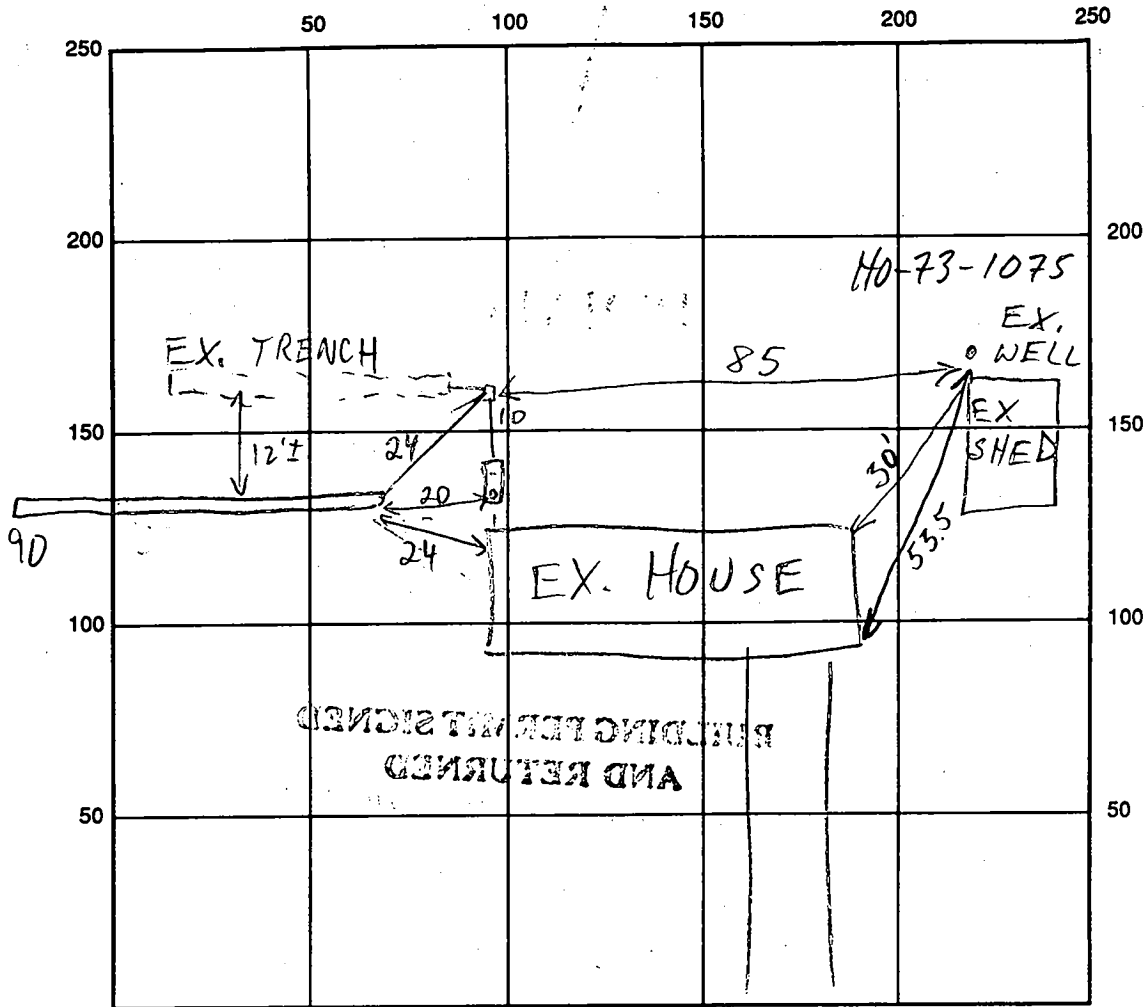
PERMIT VOID AFTER TWO YEARS

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**

58547



COMMON DRIVE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

TO SHARP RD

SEPTIC TANK LEVEL EX. 1000?

CLEANOUTS EX. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 90 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 540 SQ. FT.

REMARKS: 7/7/97 OK TO COVER ALL MR

DATE SYSTEM APPROVED

7/7/97

INSPECTOR

M. Rifkin

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

## INDEXED

DATE 9/2/75

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS Ten Oaks Road, Glenelg, Maryland

PHONE 286-2939

A SEWAGE DISPOSAL SYSTEM LOCATED AT

SUBDIVISION

ROAD

Sharp Road

LOT 6

PROPERTY OWNER

Raymond C. Bomerlock

Any questions call Mr. Levy: 531-5266

ADDRESS

SPECIFICATIONS

3 bedrooms

DRAIN FIELD DEPTH FEET. BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 25% & TANK CAPACITY 50%.

TRENCH - 510 sq. ft. sidewall area. Inlet at 3 ft. Maximum depth 11 ft. ~~below original grade. Call for inspection of trench before gravel is installed.~~ Place trench 203 ft. from the front lot line and 255 ft. from the left side of the property as seen when facing lot from the right of way. Septic tank must have manhole type cleanout to grade level.

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

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK. STAND PIPES MUST BE 6 INCHES IN DIAMETER.

CAST IRON, CONCRETE OR TROOP COEN ACCEPTED.

Raymond Hodges & Donald W. Monaghan

3/11/74 & 9/2/75

PLANS APPROVED BY

DATE

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

BLDG. PERMIT SIGNED AND RETURNED

*Serial # 45079*  
*George Blund*

PERMIT APPROVED

MARYLAND STATE DEPARTMENT OF HEALTH

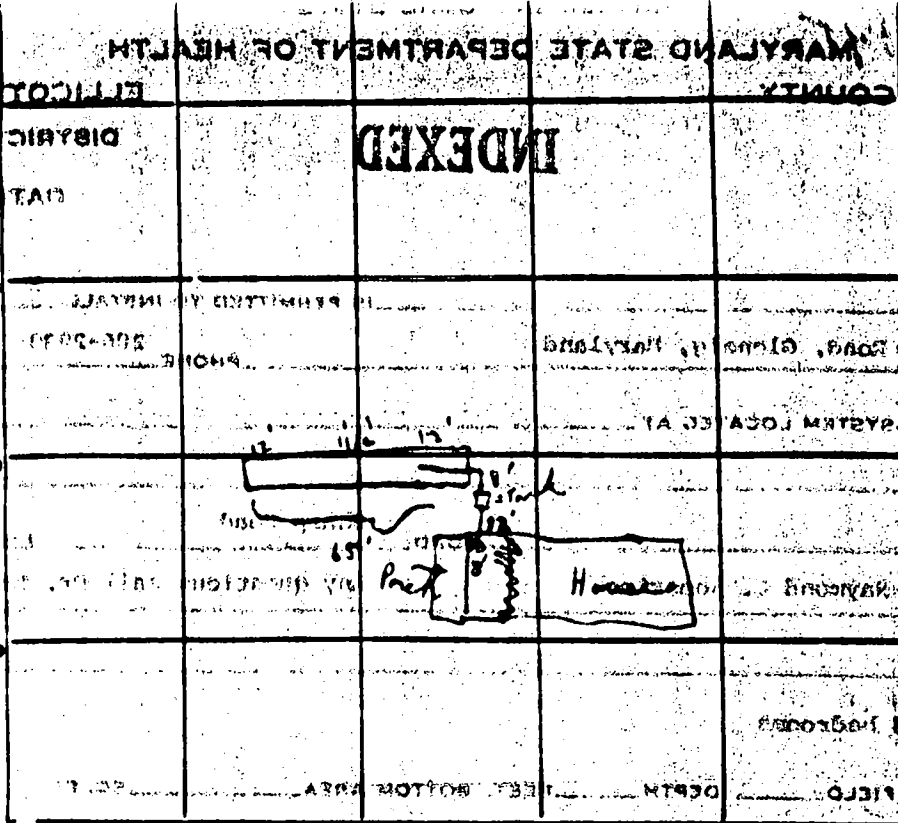
ELICOTT CITY

DISTRICT

CITY

HOWARD COUNTY

INDEXED



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

PERMIT CARD

Yes Perit (1) (2)

SEPTIC TANK, LEVEL

sk

CLEANOUTS

S.F. / D.W.

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH

FT.

TRENCH WIDTH

FT.

GRAVEL DEPTH

8'

IN.

TOTAL LENGTH

5'

FT.

NUMBER OF TRENCHES

1

TOTAL BOTTOM AREA

SEEPAGE PITS, INSIDE DIAMETER

12" diameter

DEPTH BELOW INLET

FT.

ABSORBENT AREA

52' x 1'

sq. ft.

REMARKS

7/4/75 P.C.O. Trench 65' x 11'-12" deep in area of trench & d. (2) gravel to 3' of surface & covered. C.S.D.

DATE SYSTEM APPROVED

9/4/75

INSPECTOR

C. J. Smith

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: 468-8000, EXT. 356

DISTRICT 4  
DATE 2/6/74

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 Raymond C. Scharlock

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

Any questions call:  
Tatiana Levy  
521-5246

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_

LOT NO. 4

ROAD AND DESCRIPTION Sharp Road (see plat for directions)

SIZE OF LOT 3.8542 ACRES

TYPE BLDG. A

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/ Helen Levy

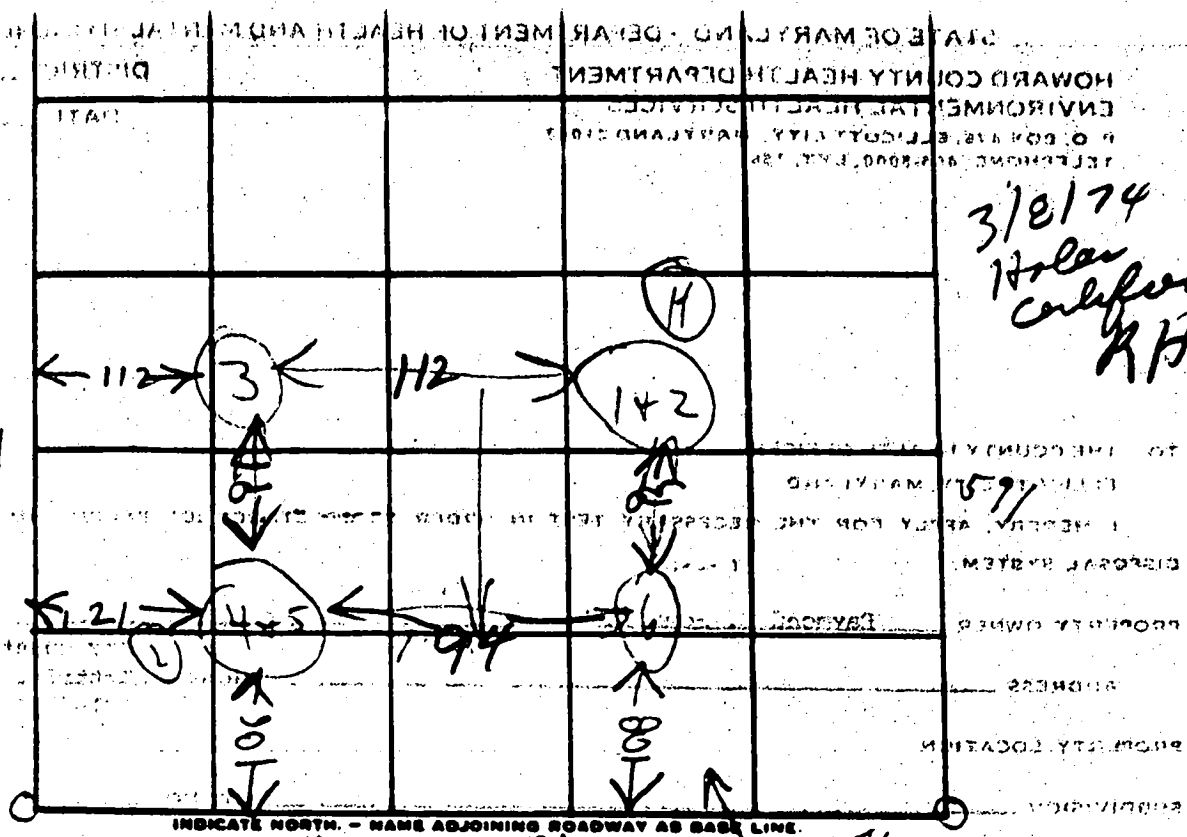
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

**THIS IS NOT A PERMIT**



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/5/74	1	3'	10:22	10:24	10:24	10:29	3 min
	2	11' 0"	10:22	10:25	10:25	10:29	4 min
	3	10 1/2'	Viewed	similar	to 4	5	4 min
	4	3' 5"	10:12	10:14	10:14	10:17	3 min
	5	11' 0"	10:13	10:15	10:15	10:20	5 min
	6	10 1/2'	Viewed	results	to 4	5	4 min

REMARKS \_\_\_\_\_

TYPE OF SOIL loose - granular sand

TESTED BY B. H. B. S. ALSO PRESENT: F. J. J.

DATE RECEIVED (M.D. ONLY) 9-19-75 DEPTH OF WELL 174  
 DATE WELL COMPLETED 9-19-75 (TO NEAREST FOOT)  
 OWNER: Samuelack Raymond VENDOR: Raymond  
 STREET OR RFD: 200 Longview Rd. POST OFFICE: Longview

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		WATER BEARING
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	84	
Micka	84	100	
Brown Sandstone	100	110	✓
Micka	110	144	

**GRouting RECORD**  
 WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N  
 TYPE OF GROUTING MATERIAL (CIRCLE BOX)  C M  B E  
 CEMENT BENTONITE CLAY  
 NO. OF BAGS 10 NO. OF POUNDS 1000  
 GALLONS OF WATER 55  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT):  
 FROM 0 FT. TO 41 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**  
 INSERT APPROPRIATE CODE BELOW  
 S T  C O  
 P L  O T  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE: ST NOMINAL DIAMETER TOP MAIN CASING (NEAREST INCH): 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 97  
 OTHER CASING (IF USED):  
 DIAMETER (INCH) DEPTH (FEET)  
 FROM TO

**SCREEN RECORD**  
 INSERT APPROPRIATE CODE BELOW  
 S T  B R  N O  
 P L  O T  
 STEEL GRASS OR SCREEN PLASTIC OTHER  
 DEPTH (NEAREST WHOLE FOOT):  
 FROM 75 TO 144  
 SLOT SIZE 1.     2.     3.      
 DIAMETER OF SCREEN     (NEAREST INCH)  
 FROM     TO      
 GRAVEL PACK      
 IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX)  F

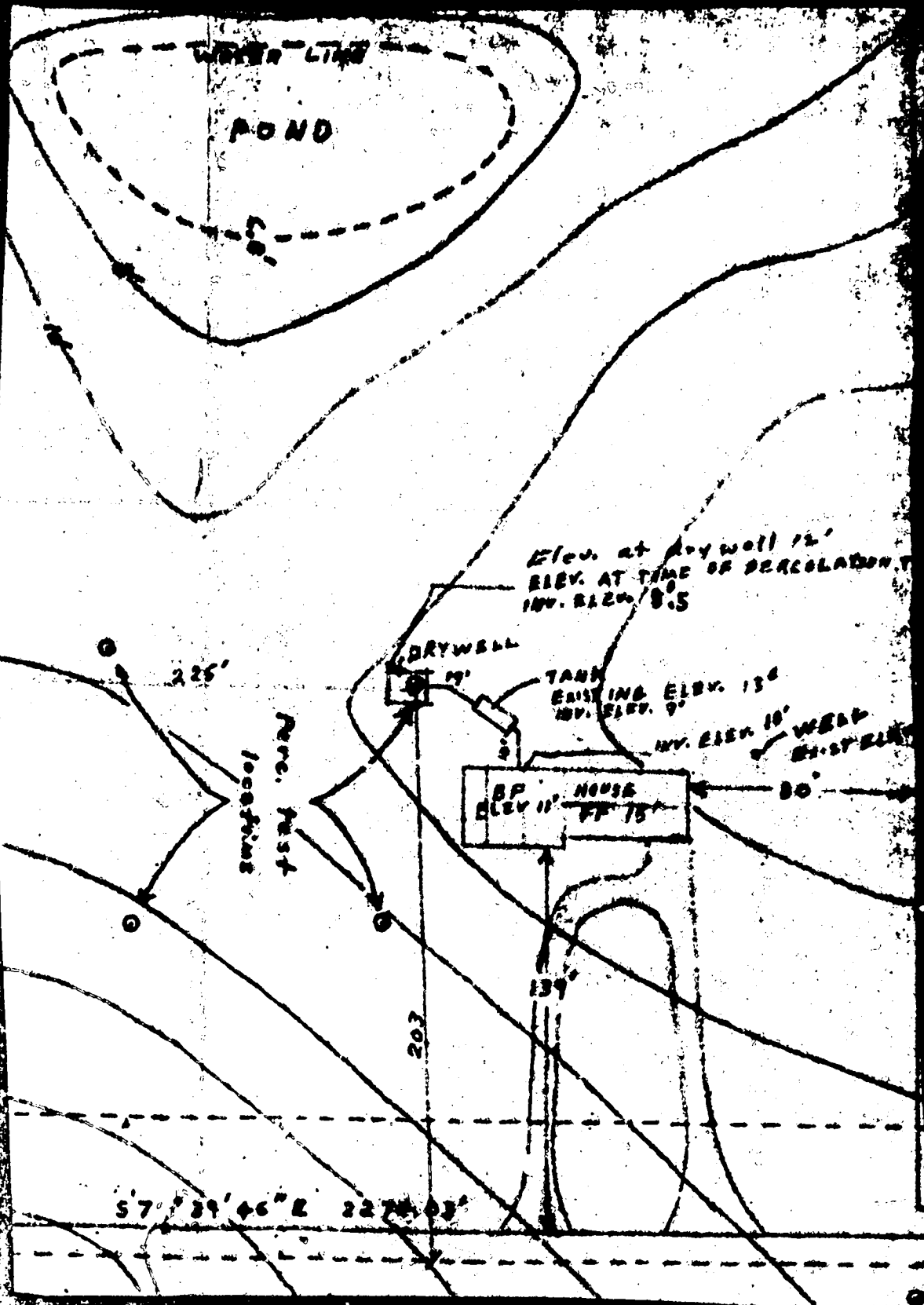
**PUMPING TEST**  
 HOURS PUMPED (TO NEAREST HOUR) 2  
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (DISTANCE FROM LAND SURFACE):  
 BEFORE PUMPING 50 (NEAREST FOOT)  
 WHEN PUMPING 144 (NEAREST FOOT)

**PUMP INSTALLED**  
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, A, P, R, S, T, O)  
 A  D  T  O  
 C  R  O  O  
 J  S  
 AIR PISTON TURBINE CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW) JET SUBMERSIBLE  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N  
 CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON)          
 PUMP HORSE POWER          
 PUMP COLUMN LENGTH (NEAREST FOOT)          
**CASING HEIGHT** (CIRCLE APPROPRIATE BOX) AND ENTER CASING HEIGHT)  
 A ABOVE  B BELOW  
 LAND SURFACE (NEAREST FOOT)        

**LOCATION OF WELL ON LOT**  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).  
 House 20  
 Road 15

**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 WELLS" AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.  
 DRILLER'S NAME: L. E. Eyster  
 (PLEASE PRINT)  
 SIGNATURE: [Signature]

**TELESCOPE CASING**  
 LOG INDICATOR  YES  NO  
 OTHER DATA AVAILABLE  YES  NO



WATER LINE

POND

Elev. at Drywell 12'  
 ELEV. AT TIME OF PERCOLATION  
 INV. ELEV. 8.5

DRYWELL

TANK  
 EXISTING ELEV. 13  
 INV. ELEV. 9

WELL  
 INV. ELEV. 10  
 EXIST. ELEV.

BP HOUSE  
 ELEV 11' FF 75'

225'

Percolation  
 footings

30'

203

139'

S 71° 29' 46" E 2275.03'

## C. Raymond Somerlock

3681 Sharp Rd.  
Glenwood, MD 21738

(410) 442-1298  
(410) 292-6865 (cell)  
ray@somerlock.com

9 June 2005

John Boris  
Howard County Environmental Health Dept.  
Well & Septic  
7178 Columbia Gateway Drive.  
Columbia, MD 21046

Dear Mr. Boris:

Regarding building permit B00154041 for the above address, I am hereby requesting a variance from the 30' well setback distance from a proposed garage.

The proposed construction is for addition of an attached garage, as an extension of an existing residence. As planned, one wall of the garage would be approximately 24' from an existing well.

In support of this request, I submit the following:

1. The south wall facing the well has no vehicle entrance. With no wall openings, and with a concrete floor inside, the potential for spills or seepage of noxious fluids in the direction of the well seem rather minimal. The vehicle entrances to the garage, where spills are more likely, are on the west and north sides of the garage. Both entrances are more than 30' from the well.
2. It would be difficult to offset the addition to the north (to meet the 30' requirement) without greatly complicating the structural attachment of the addition to the existing house.
3. The existing house was built approximately 30 years ago. One corner of this existing house is approximately 28' from the well. I assume that the 30' requirement did not exist at that time.
4. The well is fairly deep and well cased. The pump is 135' down.

Please note that the drawing your staff was reviewing does not accurately show the location of the well. It is a 30-year-old drawing that was submitted solely for the topographical survey. My contractor should not have used it for anything else. A more accurate location drawing is attached, and should have been included in the application package.

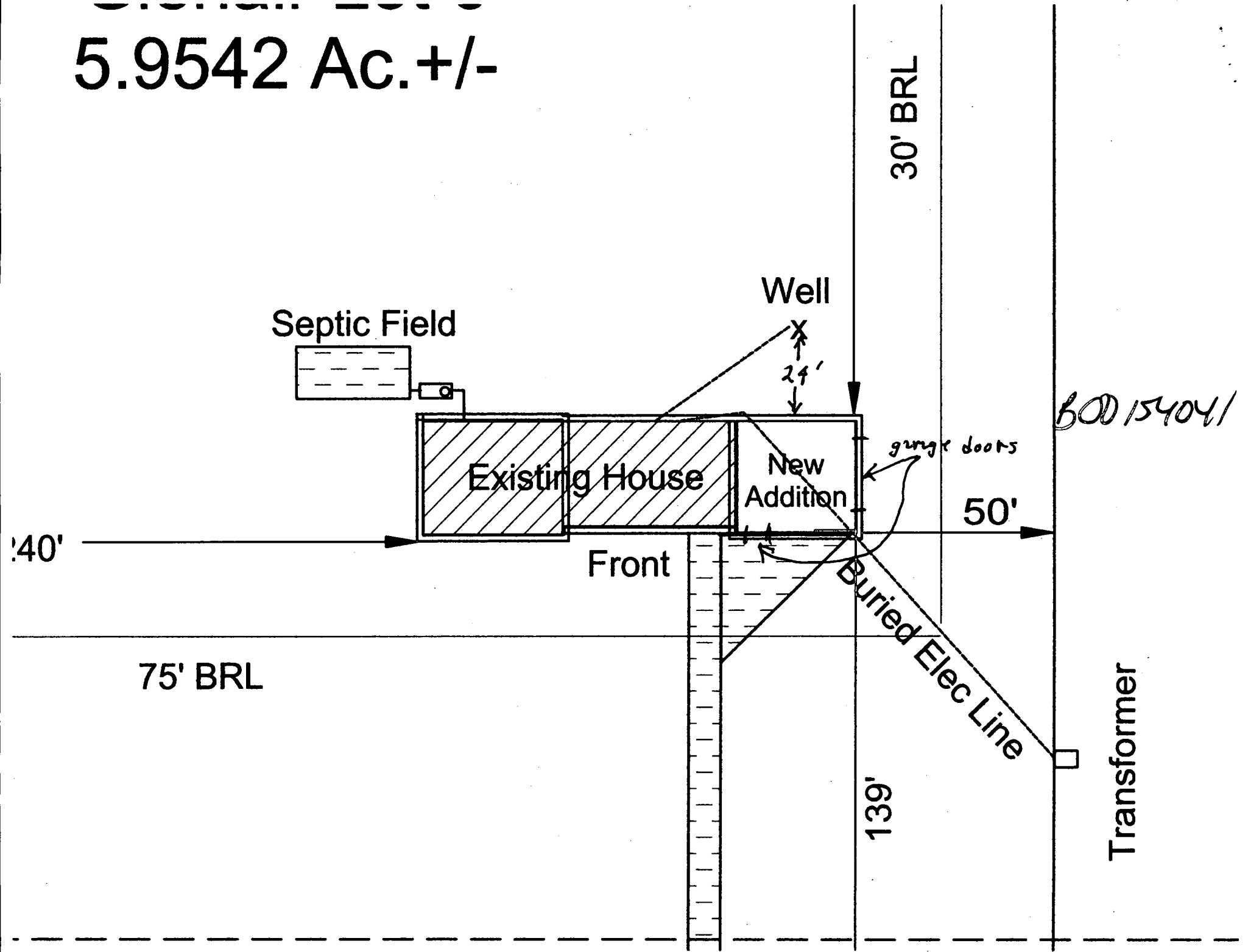
I accept full responsibility for the condition of my well. It obviously serves a critical function to my residence, and I have a strong vested interest in protecting it. If you can suggest some alternative steps that I could take to mitigate any risk to the well from the building's proximity, I would be glad to hear them.

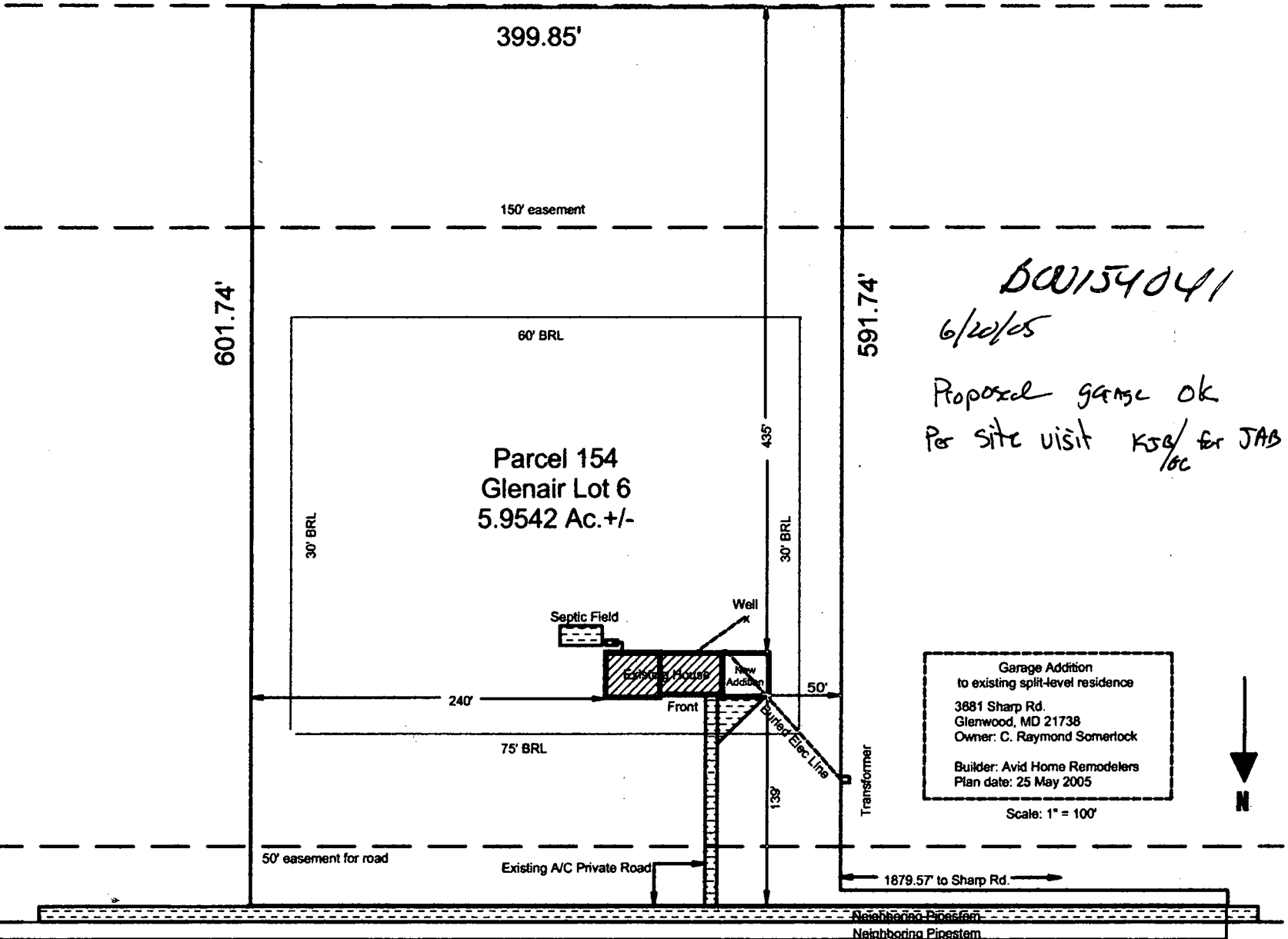
Sincerely,



C. R. Somerlock

5.9542 Ac. +/-





399.85'

150' easement

601.74'

60' BRL

Parcel 154  
Glenair Lot 6  
5.9542 Ac. +/-

30' BRL

435'

30' BRL

Septic Field

Well

Existing House

New Addition

Front

240'

50'

75' BRL

Buried Elec. Line

130'

Transformer

Garage Addition  
to existing split-level residence  
3881 Sharp Rd.  
Glenwood, MD 21738  
Owner: C. Raymond Somerlock  
Builder: Avid Home Remodelers  
Plan date: 25 May 2005

Scale: 1" = 100'



50' easement for road

Existing A/C Private Road

1879.57' to Sharp Rd.

Neighboring Pipe System

DCU154041  
6/20/05

Proposed garage OK  
Per site visit KSG/for JAB/OC