

10/27/84
10/30/84
A.S.A.P.

APPROVED
10/30/84
B. Hodges
P 34474
A 26341

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330 461-9933

ELLICOTT CITY
DISTRICT 5th
DATE 10/14/84

05-391792

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Kalmia Farms ROAD 14722 Betula Way LOT 3, Section 2

PROPERTY OWNER John Brian Branthover
ADDRESS 11738 South Laurel Drive - Apt 3B
Laurel, Maryland 20708

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 *2-Story addition - ind. 1 Bedroom*

BLDG. PERMIT SIGNED
AND RETURNED 4/2/87
Serial # B0109743

DEEP TRENCHES - 168 sq. ft. *per sidewalk area per bedroom.* Ditch is to be 2 feet wide, 9 feet deep, with inlet at 4 feet below original grade and filled with 5 feet of stone. Length of the ditch depends on the number of sq. ft. needed. Start the ditch at perc hole # (1) (2) and run it along level ground toward perc hole # (5) (6). Perc hole # (1) (2) is located 410 feet from the front lot line and 50 feet from the left lot line as seen when facing the lot from Betula Way Road. Perc hole # (5) (6) is located 390 feet from the front lot line and 130 feet from the front line as seen when facing the lot from Betula Way.

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 - before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

10/26/84 - Observed ~~sewer~~ Pipe coming out of house to deep
OK to dig Trenches 11 FT deep with inlet 6 FT below grade

PLANS APPROVED BY Raymond Hodges DATE 7/20/83

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.

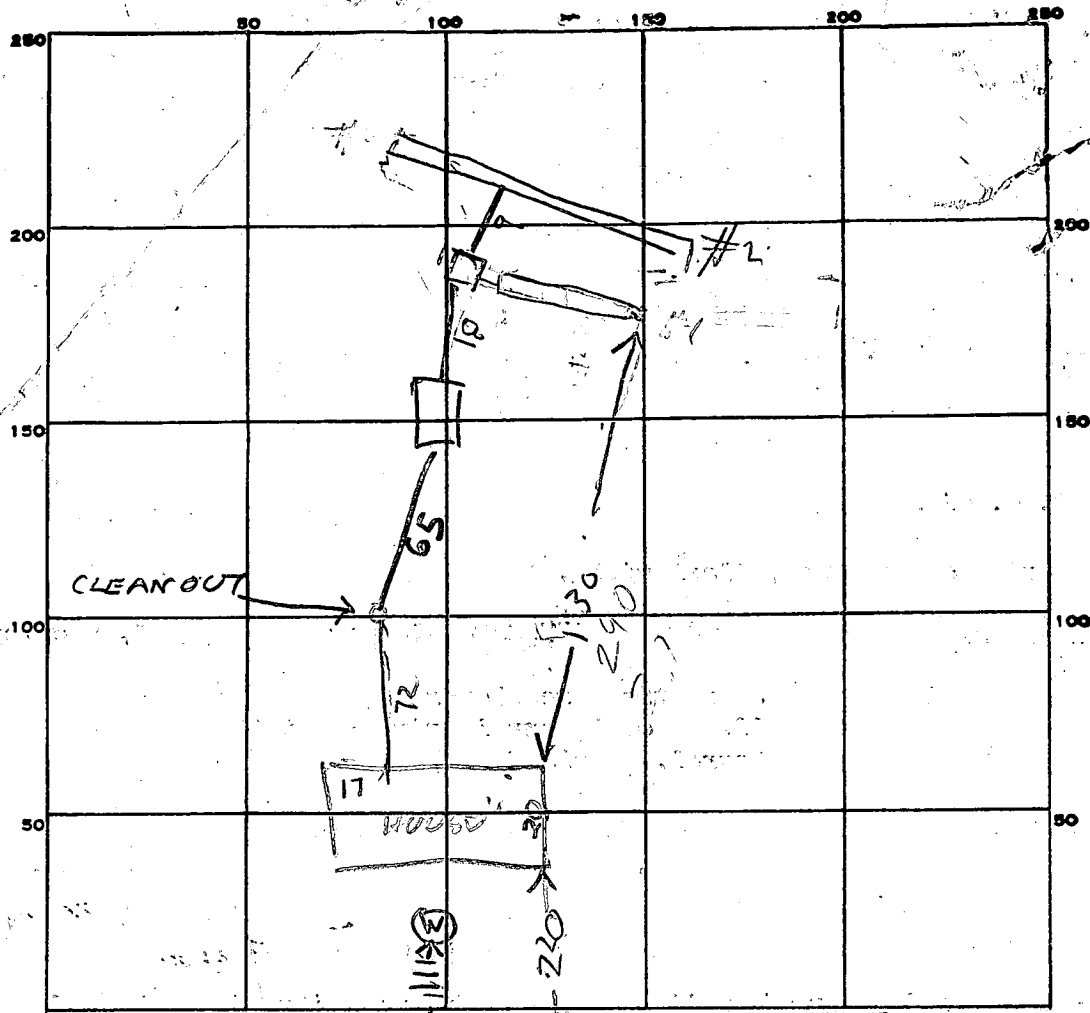
BLDG. PERMIT SIGNED
AND RETURNED 8/14/89
Serial # 29176
family own.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 26341



130
280
130
570
720
130

PERMIT CARD 01 BETULA RD ST

SEPTIC TANK, LEVEL OK 1500 TOP 6" below grade CLEANOUTS MANHOLE

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH			TRENCH WIDTH		
#1	#2	FT.	#1	#2	FT.
11	11		2	2	

GRAVEL DEPTH			TOTAL LENGTH		
#1	#2	TOT	#1	#2	TOTAL
5	5.5		38	105	143

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 190 577 767

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

TOTAL 108
58
767 525
528
577

REMARKS 10/26/84¹¹³⁰ - TRENCH DUG 9FT DEEP DECIDED TO MAKE TRENCH 11 FT DEEP
10/26/84²¹⁰ - TRENCHES DUG 11 FT DEEP FIRST
72 FT OF HOUSE SEWER INSTALLED OK TO COVER PART OF HOUSE SEWER
ADD STONE TO TRENCHES INSTALL TANK & BOX & CALL RH
10/30/84¹¹⁰⁰ STONE ADDED 4x 168 = 672 SQ FT REQUIRED
1767 SQ FT INSTALLED
 DATE SYSTEM APPROVED 10/30/84 INSPECTOR Raymond Hodges

APPLICATION

A 26341

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE _____

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 Brian Brantover
~~Kambrauthers Lane, La Kalmia Farms Nursery~~

ADDRESS 11738 South Laurel Drive - Apt 3B
2901 Alameda - Sandy Springs Rd, Alanya Md PHONE 924 3668
Laurel, Md 20008 Final # 776-1540

PROPERTY LOCATION:
SUBDIVISION KALMIA FARMS SECTION 2 LOT NO. 3

ROAD AND DESCRIPTION Triadelphia Mill Road
14722 Betula Way

SIZE OF LOT _____ TYPE BLDG. _____

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

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT _____

APPROVED BY B. Bridges FOR Trench DATE 7/20/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/18/80 Reaccomplished @ office.

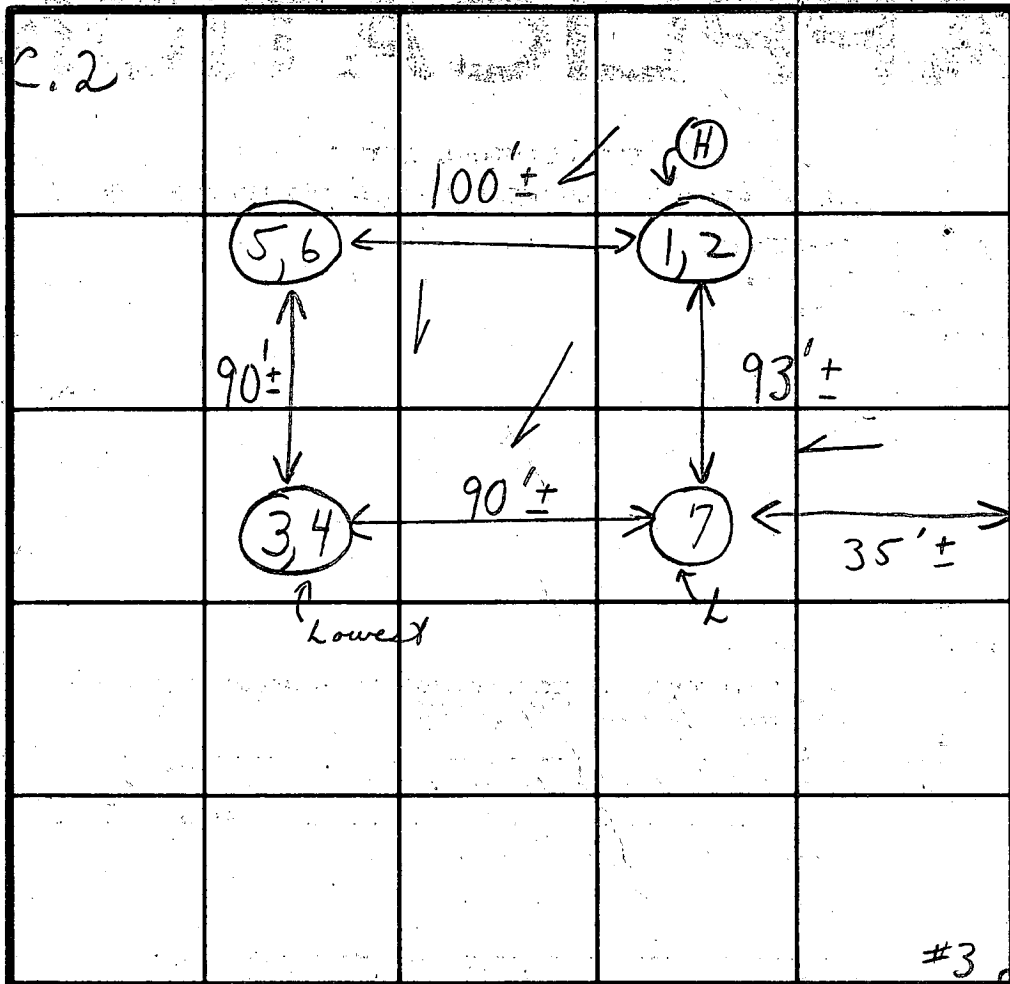
7/20/83 Specs Not in R/H BLDG. PERMIT SIGNED C.B.D
AND RETURNED 4/6/84
Serial # 57150.S.F.D.

THIS IS NOT A PERMIT

#3 SEC. 2

SOIL PROFILE

BELOW
CLAY
↓
SANDY
LOAM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Trideltavia Mill Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/5/78	1	4 1/2'	2:42	2:44	2:44	2:48	4 min
	(H) 2	12'	2:47	2:53	2:53	3:08	15 min
	3	4 1/2'	2:21	2:25	2:25	2:31	6 min
	4	12 1/2'	2:21	2:28	2:28	2:49	21 min
	5	4'	2:23	2:26	2:26	2:32	6 min
	6	12'	2:23	2:27	2:27	2:39	12 min
	7	12'	Visual		4'-12'	Visual	loam 37 min
						6:64	11 min

Inlet
4'
good
ground
4 1/2'

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____

ALSO PRESENT _____

{ Buntingham
men

C1 4431 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 26341

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

DATE RECEIVED

DATE WELL COMPLETED 092783

DEPTH OF WELL 110 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0249

OWNER Branthover John last name first name STREET OR RFD Betula way TOWN Dayton SUBDIVISION Kalmia Farms SECTION 2 LOT 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, CLAY, SHALEY, SANDSTONE, MICA, SANDSTONE & QUARTZ, MICA, SANDSTONE, MICA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 10, NO. OF POUNDS 1000, GALLONS OF WATER 55, DEPTH OF GROUT SEAL 30 ft.

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), diameter 6 inch, total depth 50 feet.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type (ST, BR, HO, PL, OT), DEPTH (nearest ft.) table with columns: 1-51 feet.

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68. SLOT SIZE 1-3, DIAMETER OF SCREEN (NEAREST INCH).

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 10 gal. per min., METHOD USED TO MEASURE BUCKET, WATER LEVEL 27 ft. before pumping, 60 ft. when pumping.

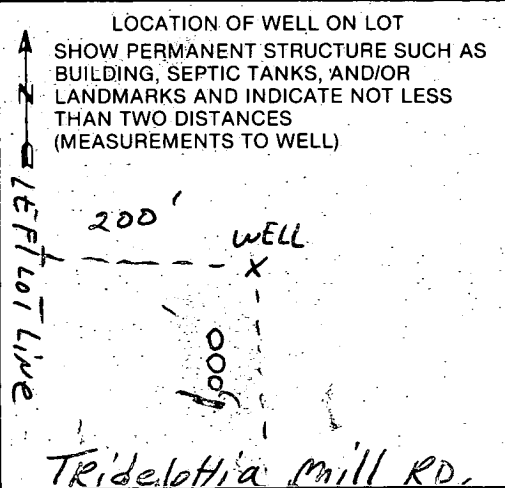
PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP SUBMERSIBLE, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT 2 ft. below land surface.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. ELECTRIC LOG OBTAINED. TEST WELL CONVERTED TO PRODUCTION WELL.

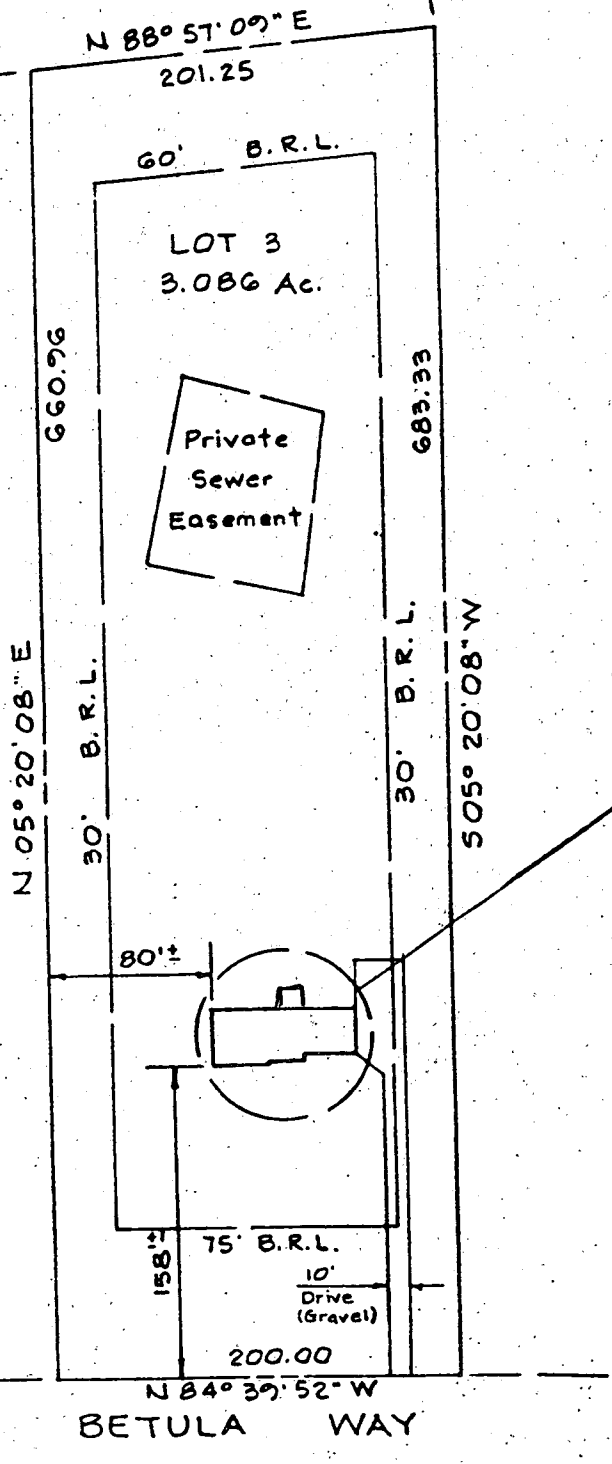
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 40, DRILLERS SIGNATURE George J. Eastman, SITE SUPERVISOR Charles H. Feltus.

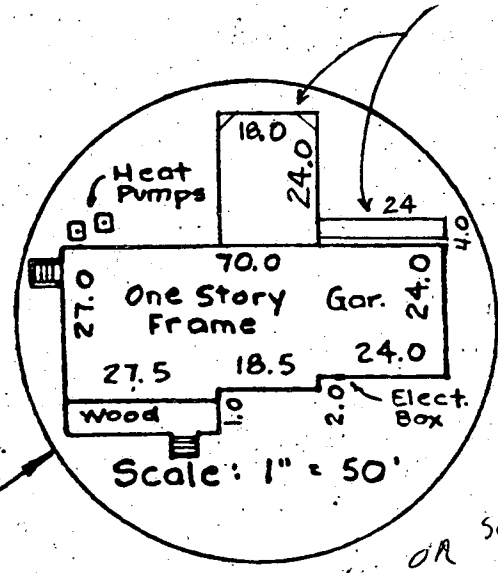
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



BROWN
450/202



Scale: 1" = 100'



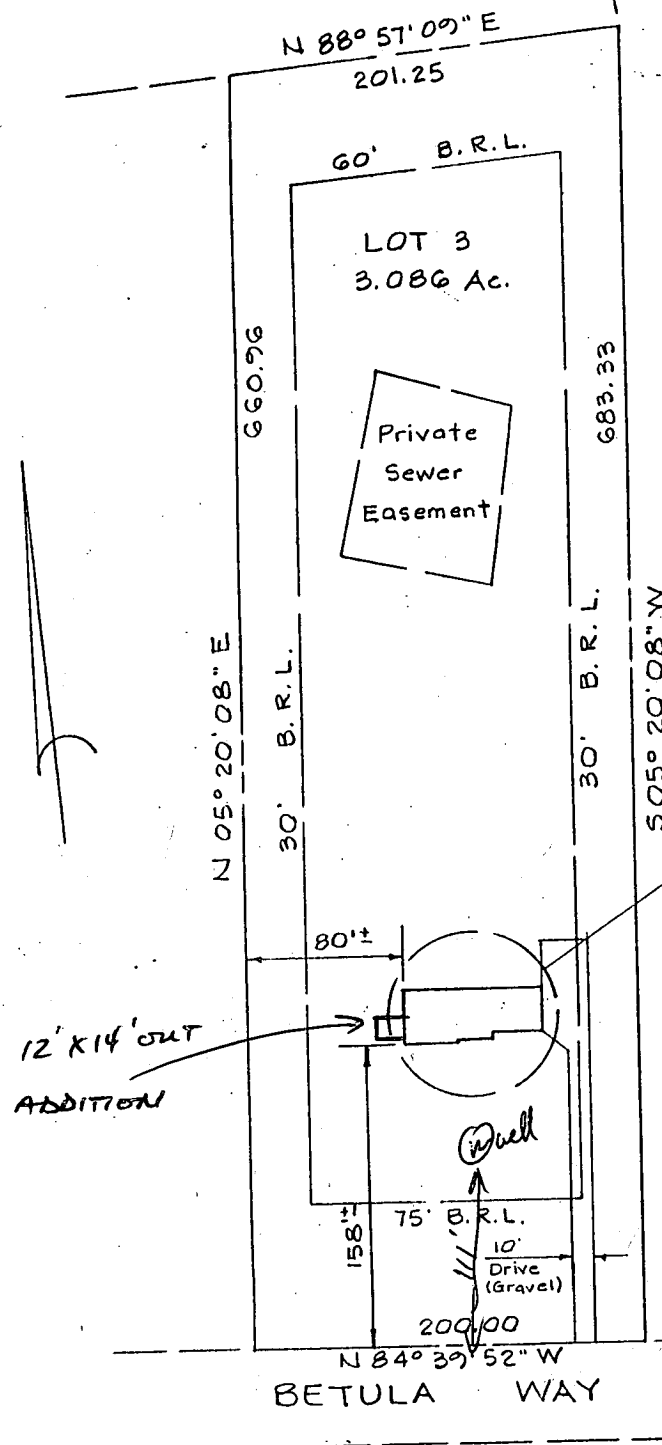
PROPOSED
NEW WOODEN
DECK ADDITION

NO IMPACT ON WELL OR SEPTIC
OK TO PROCEED,
8/14/89 *Carlene*

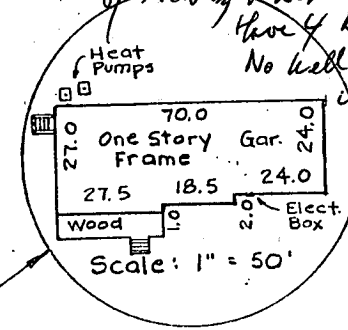
Branthover
14722 Betula Way
DAYTON, MD 21036
(H) 854-2456 (W) 765-2257

BROWN
450/202

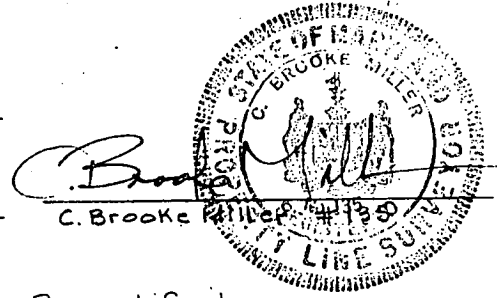
BOO104743



Increase of House from 4 to 5 Bedrooms, Previous Bldg added approved in 1989 (Deck) No changes at that time) Has 1500 gal ST. OK for 5 bdr Original System installed 14% larger than 4 bdr requirement of time. Contractor says shell is actual a Sanroom enlargement of existing Bldg - will only have 4 bdr as permitted. No well or Septic impact approved. Recommend Approval. 4/3/97



I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments.



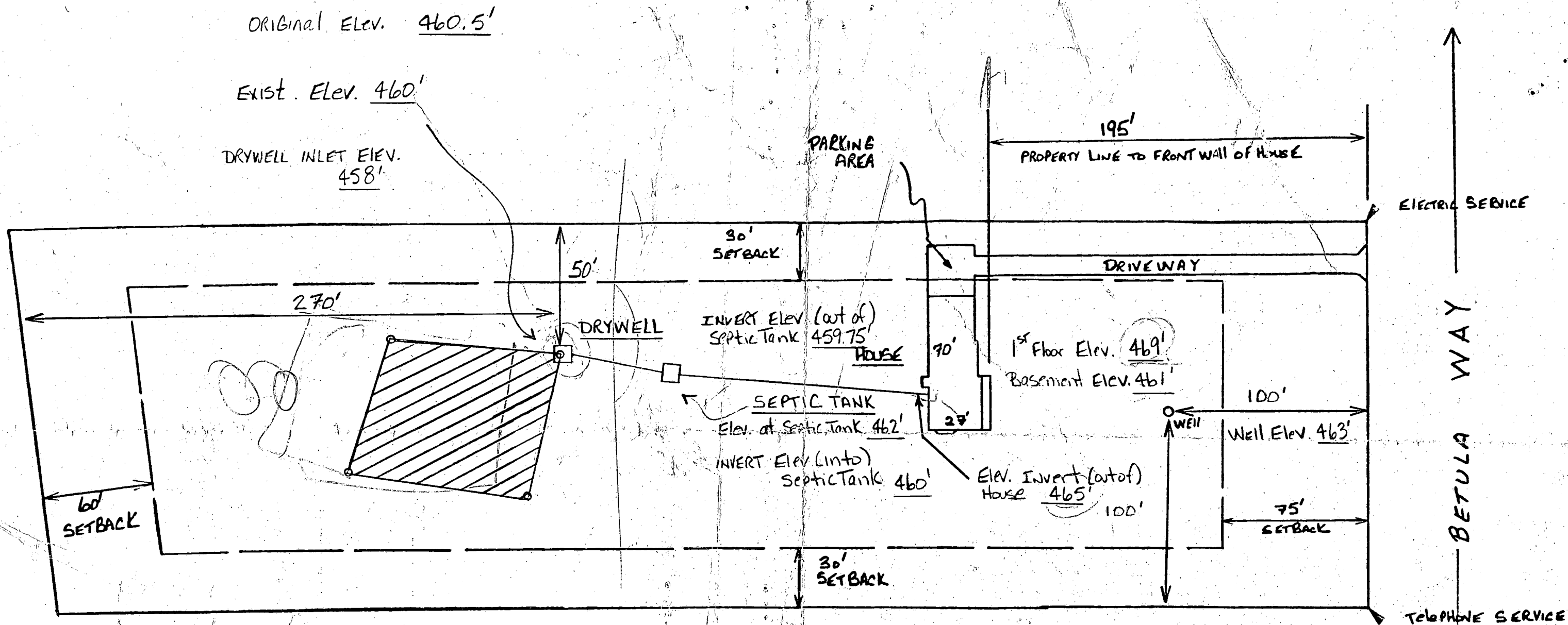
Recertified
Correct 9-5-85
Updated 6-26-86

Location Survey
14722 BETULA WAY
KALMIA FARMS SECT. 2

The **RBA** Group
ENGINEERS · ARCHITECTS · PLANNERS
WILDE LAKE VILLAGE GREEN
SUITE 207
COLUMBIA, MARYLAND 21044

5th Election District
Scale: 1" = as shown
Date: June 1 1984
UPDATED: SEPT. 5, 1985

P34476
#26341



I certify the above measurements and elevations are actual & correct for this property.

John Branthover
3-22-84

PLOT PLAN

4/5/84
Stepdown and cleanout
in house sewer req. Wall
house sewer is toward west
to J

LOT # 3 KALMIA FARMS II
scale: 1" = 52'

drawn by J.B. Branthover
March 13, 1984