

10-1-87
Ann Arundel

10-2-87
11AM

PERMIT

P 40031
A 26350

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH* DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 9/03/87

DATE SYSTEM APPROVED 9/2/87

INSPECTOR RH

I.C.O.P.
Time expired

Cornwell Pump Company _____ IS PERMITTED TO INSTALL ALTER

ADDRESS 12196 Triadelphia Road, Ellicott City, Maryland PHONE 988-9221

SUBDIVISION Kalmia Farms I ROAD 5216 Kalmia Drive LOT 32

PROPERTY OWNER George Mader

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 3 1/2 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 3 1/2 feet of stone below distribution pipe.

LOCATION - Start the first trench 410 feet from the front lot line and 100 feet from the left lot line as seen when facing the property from Kalmia Drive. Run trench(s) along contour toward left side of property.

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

PLANS APPROVED BY C. Williams

BLDG. PERMIT SIGNED AND RETURNED 11/3/80
00027801
SUNSHINE 8/04/87
exercise room

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

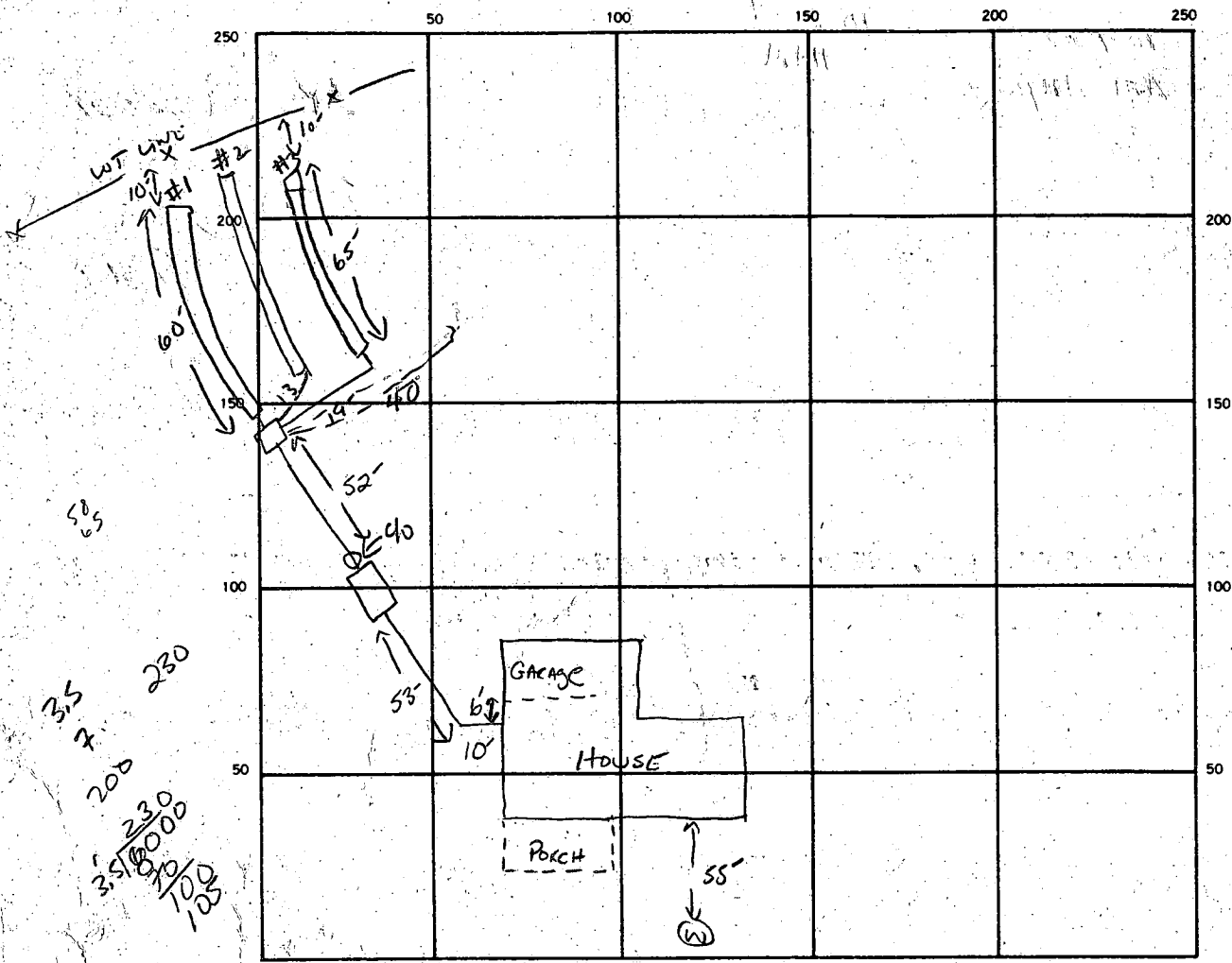
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BLDG. PERMIT SIGNED AND RETURNED 8/1/91
Serial # 39073 - PPA
BLDG. PERMIT SIGNED AND RETURNED 7/11/89
Serial # 77956 - PPA

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

210350



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

KALMIN DR

SEPTIC TANK LEVEL ✓ 1500 GAL CLEANOUTS ✓ INLINE STOR

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH	3.5	3.5	3.5 FT	3.5	TOTAL LENGTH	60	76	65	39						
NUMBER OF TRENCHES	<u>4</u>				ONE SIDEWALL	210	245	227	50	157	789	800			

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 10-1-87 OK TO START #1 & 3 - OK TO COVER TO #2 LEAVE ENDS OPEN TO IDENTIFY PIPE & PATCH
NEED 105 LB of trench to complete 10/2/87 - STONE ADDED TO TRENCH #1 & #3
TRENCH TRENCHES #2 & #4 DUG ADD STONE TO TRENCH
#2 & #4. TANK COVER OP. DIG TRENCH #4 LONGER BY
10 FT ADD STONE TO TRENCH #2 & #4 LEAVE ENDS
OPEN AT 10/2/87 PM - STONE ADDED TRENCH #4 LENGTHENED

DATE SYSTEM APPROVED 20 OCT 87 INSPECTOR Raymond Hodges

39
2
17

APPLICATION

use no. 02
Lot 32 A 26350

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 Fifth

DATE June 30, 1977

Not included in final test section I

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, Incorporated

ADDRESS 2901 Olney - Sandy Spring Road PHONE 774-4500

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 

ROAD AND DESCRIPTION On Triadelphia Mill Road - West of Greenbridge Road

SIZE OF LOT 3 Acres + TYPE BLDG. 3 Or 4 Bedroom Dwelling
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 *Alvin M. Bush*

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

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

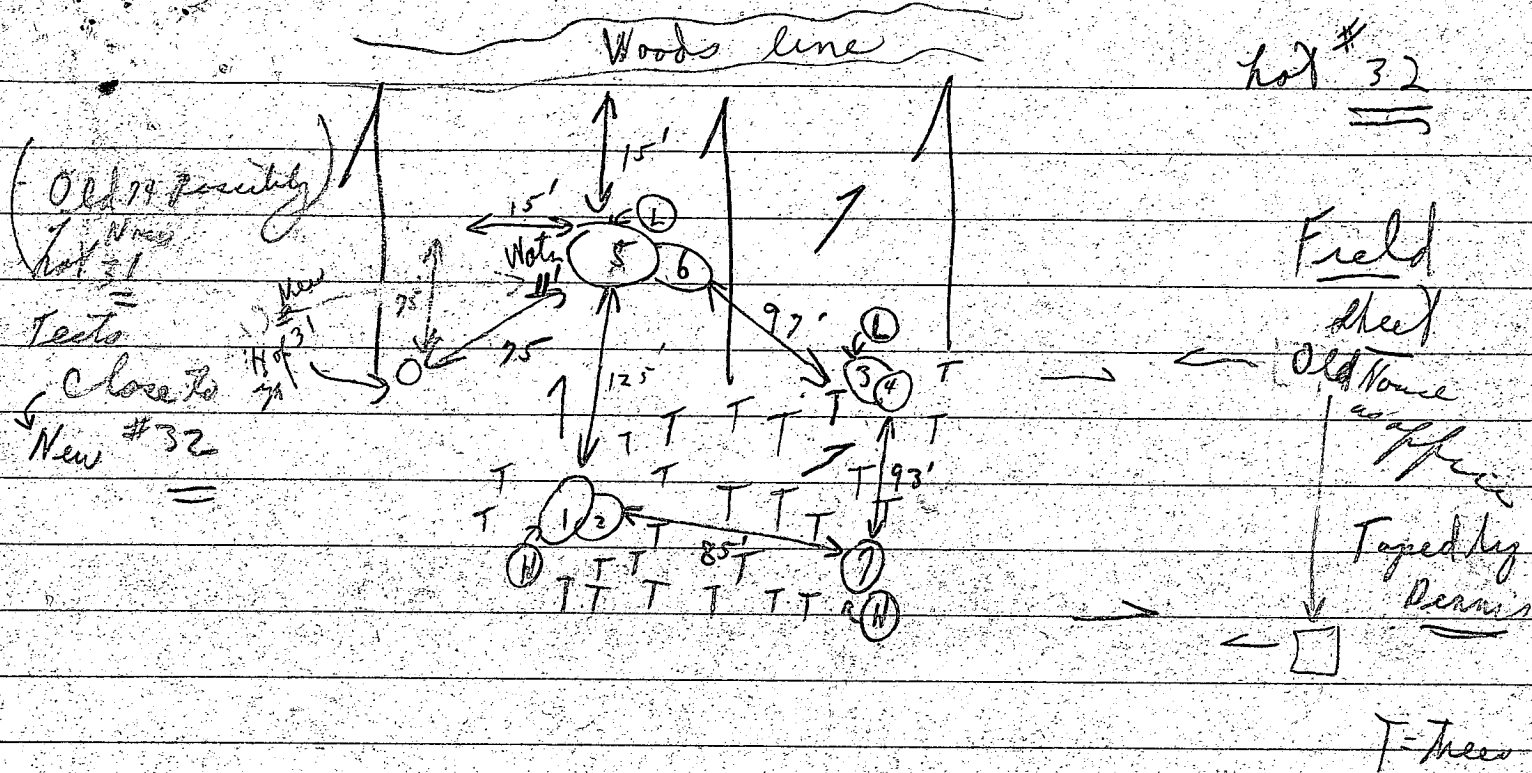
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

No Test

THIS IS NOT A PERMIT

Bottom area



lot # 32

(Perc test in open area)
 Watch on perc holes - All water problems

Inlet 4'

10 min avg

To Truitt Rd

Unnamed Road

Soil Profile	Depth		1 st	2 nd	Final	Total	
Below	4'	1 (H)	2:58	3:00	3:04	4m	
(clay)	11 1/2'	2	2:59	3:05	3:15	10min	Bayla →
(sandy loam)	4'	3 (L)	2:20	2:28	2:52	26	
(mud)	9'	4	2:20	2:22	2:26	4m	12 1/2' water
	3'	5 (L)	2:02	2:08	2:18	10min	Preced
(Hole 556)	9'	6	2:02	2:04	2:07	3min	(Rock + Shallow)
in open	3 1/2'	7 (M)	Visual		sandy loam		Dennis of Boebers 2 Fyockmen

C1 2565 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A. 26350

DATE Received

DATE WELL COMPLETED 062586

Depth of Well. 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1519

OWNER MAHER GEORGE last name first name TOWN DAYTON STREET OR RFD KALMIA DR. SUBDIVISION KALMIA FMS. SECTION I LOT 32

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top soil, Clay, Spaley, Mica, Flint, Mica, Mica & Flint Mixed, Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 15, NO. OF POUNDS 1500, GALLONS OF WATER 75, DEPTH OF GROUT SEAL 30 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 32.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole HO, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN 30 (NEAREST INCH).

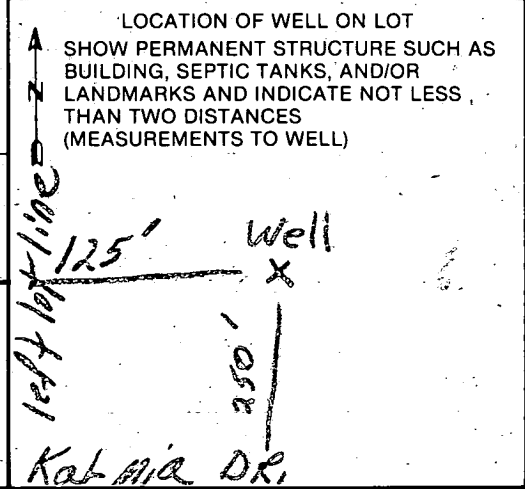
DEPTH (nearest ft.) table with columns for casing height and land surface.

GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) section with fields for T, LOG INDICATOR, WQ, TELESCOPE CASING, OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 13, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 20 BEFORE PUMPING, 22 WHEN PUMPING, TYPE OF PUMP USED S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



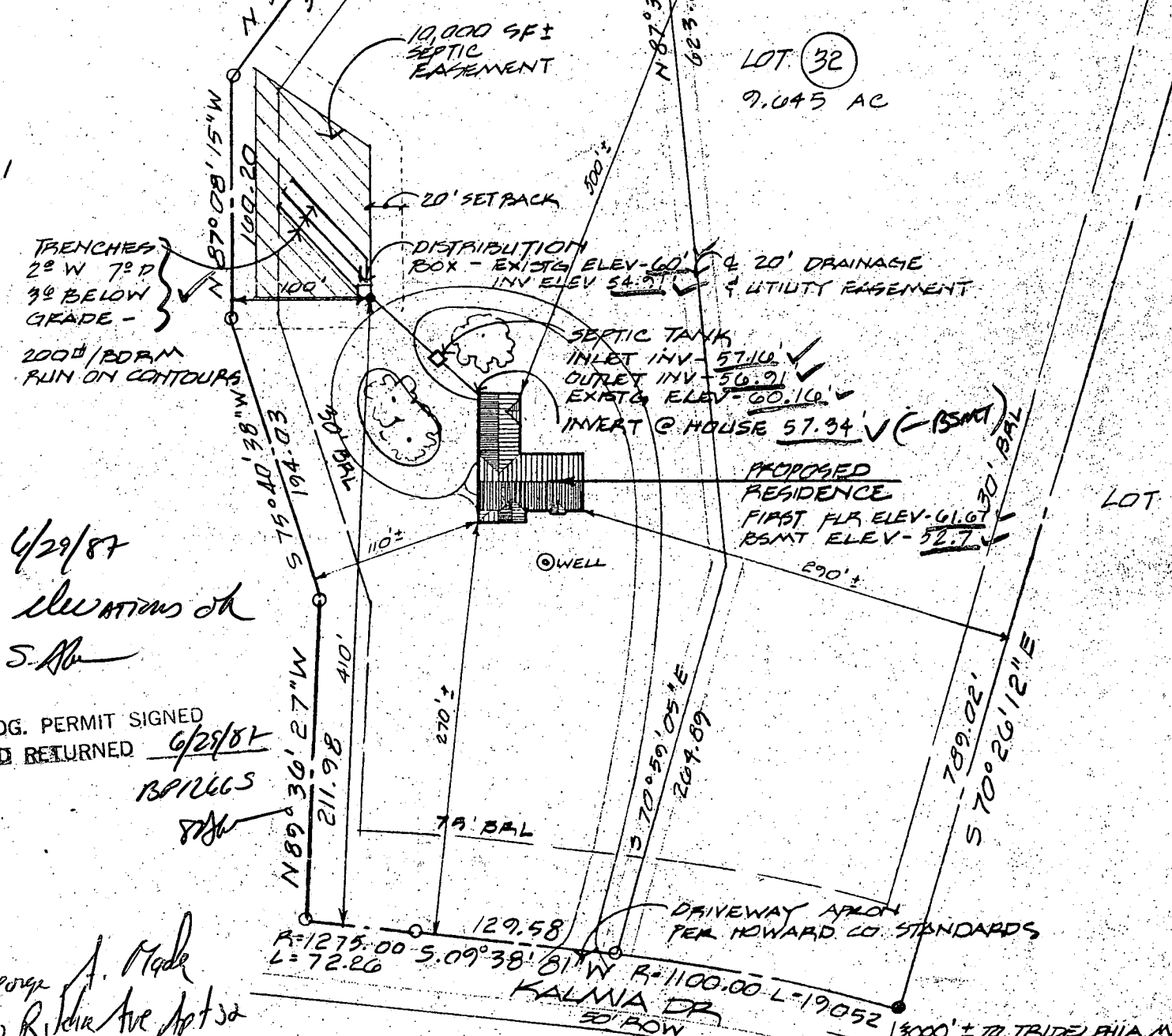
CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL.

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...

DRILLERS IDENT. NO. 40, DRILLERS SIGNATURE Henry J. Goodbody, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Charles K. Miller

31

LOT 32
9.045 AC



4/29/87
Elevations of
S. Ab

BLDG. PERMIT SIGNED
AND RETURNED 6/29/87
BSP/LLS
S. Ab

George A. Made
20 Ritchie Ave Apt 3a
Towson Park 011D
20910
301-495-6353

5216 KALMA DRIVE
LOT 32 SECTION 1
SHEET 6 OF 6 PLAT NO CMP NO 4174
KALMA FARMS
HOWARD COUNTY, MARYLAND
6TH ELECTION DISTRICT

SITE INFORMATION E
LIGHT, ELLICOTT & ASSOC
ENGINEERS, PLANNERS, S
8508 ADELPHI ROAD
ADELPHI, MARYLAND

SITE PLAN

1" = 100'

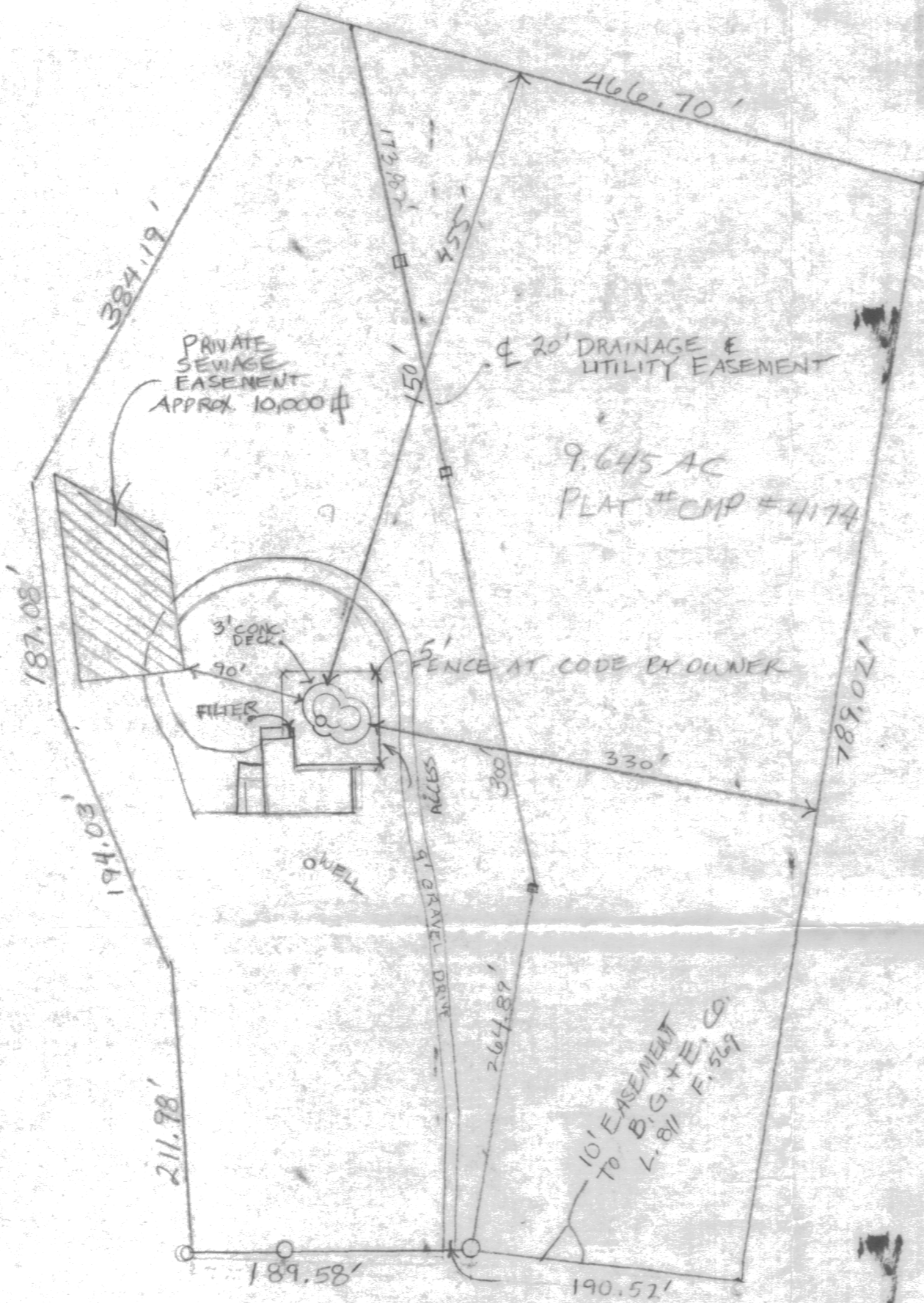


ANY GRADING IF REQUIRED OVER
0 HOURS TO BE PAID AT THE
 RATE OF 90.00 PER HOUR.
 GRADING TO BE ROUGH
 GRADING ONLY.

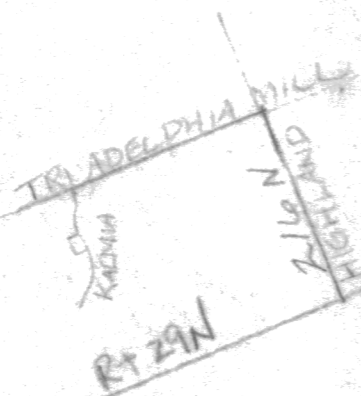
For Construction and Scheduling
 Please Call TONY GAM
 Carphone 703-517-8
 Pager 703-866-

Buyer to Finalize Deck Size with Deck Contractor and
 Understands Additional Footage Above Amount Quoted on
 Appurtenance will be Charged at \$ 4.40 Per Sq. Foot

1/4" SPA DETAIL



KALMIA DRIVE
 LOT 32 KALMIA FARMS
 SCALE 1" = 100'



8/11/91
 OK TO SIG
 RH

BUYER:

TO DETERMINE APPROXIMATE ELEVATION
 OF POOL ON DAY OF EXCAVATION.

BUYER:

POOL AREA TO BE FENCED, PER COUNTY
 OR CITY ORDINANCE. GATES TO BE SELF
 CLOSING AND SELF LATCHING.

BY BUYER

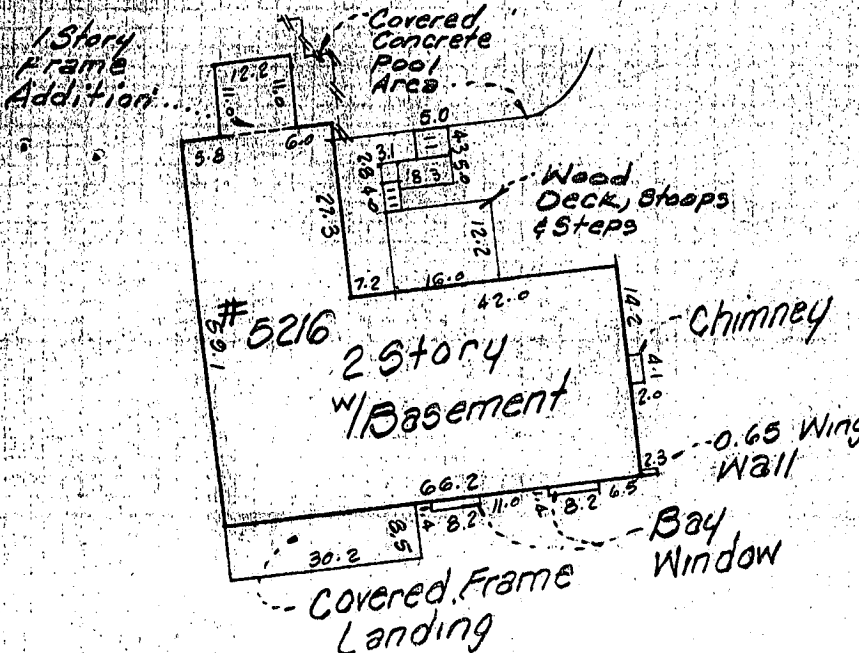
BUYER:

WET DOWN CONCRETE SHELL AT LEAST
 TWICE DAILY FOR 7 DAYS.
 DO NOT TURN ON POOL LIGHT WHEN
 POOL IS EMPTY.

NOTE

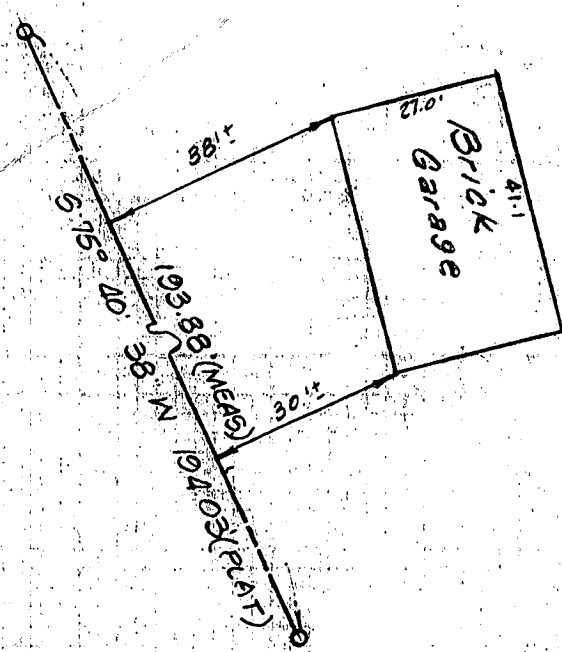
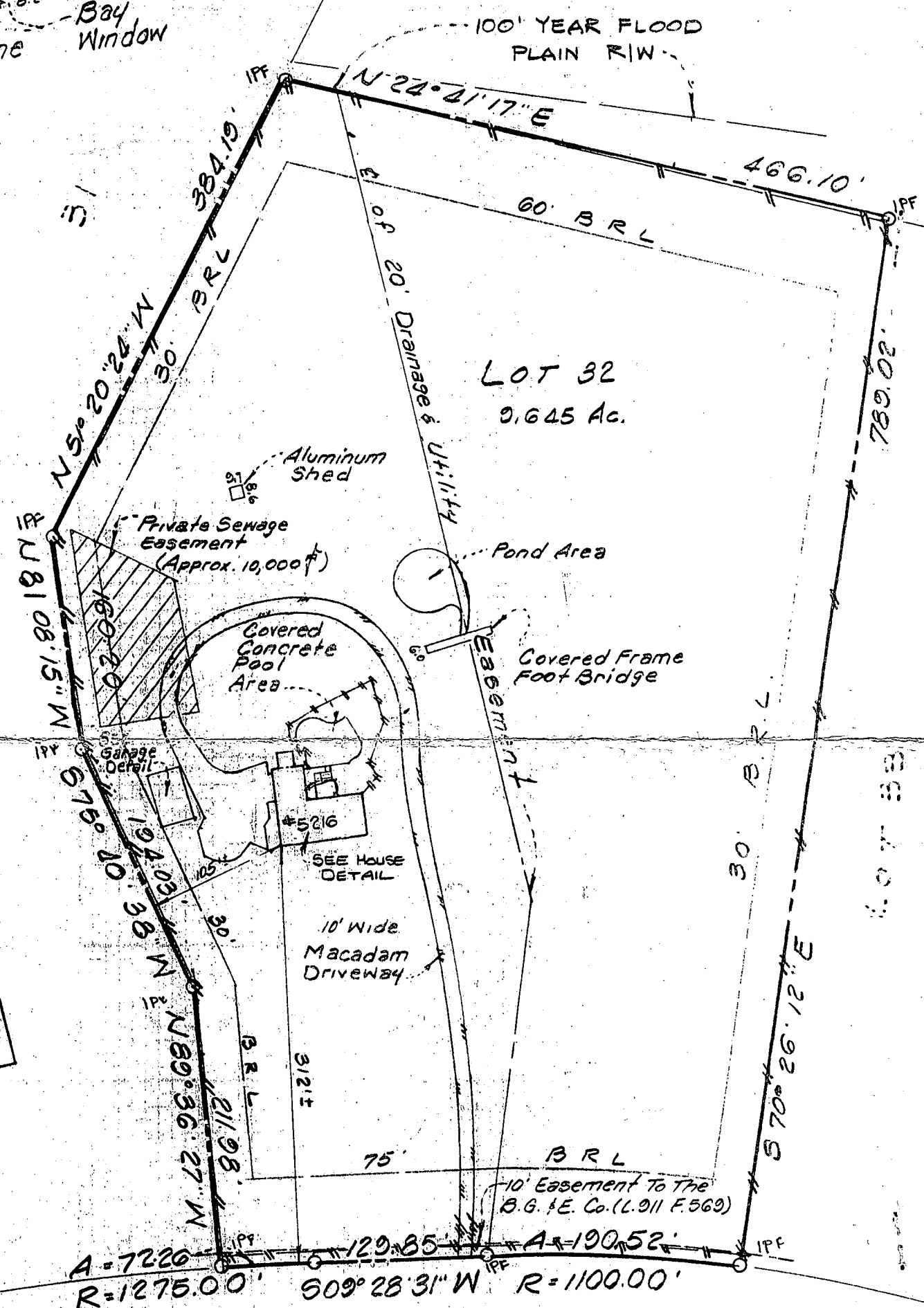
I-495 TO
 L AT 216
 TO L AT
 TO L AT
 JOB ON R

2495



HOUSE DETAIL
SCALE 1" = 30'

11/3/00
Sunroom w/ weight
room in basement
as proposed



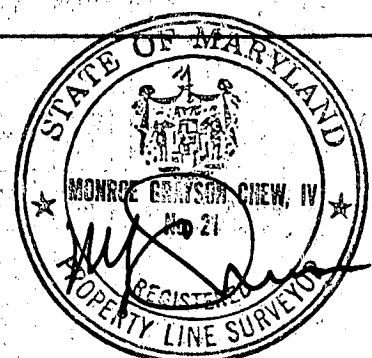
GARAGE DETAIL
SCALE 1" = 30'

KALMIA (50') DRIVE

NOTES:
Not located in a HUD designated Flood Hazard Zone as per F.E.M.A. Community Panel No. #240044 0025 B.
Prepared without the benefit of a title report.

I hereby certify that I have surveyed the property shown hereon for the purpose of locating the improvements only, and the improvements are located as shown. Exact property corners have not been established or set, unless otherwise noted. We assume no responsibility or liability for any rights-of-ways or easements recorded or unrecorded not appearing on the record plot / or mentioned in the title deed referred to hereon.

Monroe G. Chew, IV
Monroe G. Chew, 4th, R.L.S.
Virginia #1027 - Maryland #21
Date: 2-28-94



HOUSE LOCATION SURVEY
5216 Kalmia Drive
BLOCK - LOT 32 SECTION 1
KALMIA FARMS
ELECTION DISTRICT: Guilford, 6TH
COUNTY, STATE: Howard, Maryland

LIGHT, ELLIOTT & ASSOCIATES, INC
8608 Adelphi Road
Adelphi, Maryland 20783
Phone 301-422-8080
Fax 422-8086

ENGINEERS
PLANNERS
SURVEYORS
1-800-246-6081

963 Chandler Court
Waldorf, Maryland 20604
Phone 301-843-4927
Fax 843-4928

Clk: <i>[Signature]</i>	Dft: CEC	Bk: 184-66 230-62 2000-29 2749-14	Plat Book / Page CMP @ 1174	Case No. 941187 Ho H. & B.
Job No.: N-972	Scale: 1" = 100'	Liber / Folio: -	File Number: MS 3670	