

05-388 473

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 42974

A 24336

DISTRICT 5th

DATE 11/15/88

DATE SYSTEM APPROVED 3/29/89

INSPECTOR M. E. Stein

WACKOBSL
3/21/89 PM
3/27/89 6:16 PM
3/28/89 1:00
3-29-89 AM ASAP

Kerwin Miller Communities

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 4229 Cherry Valley Drive, Olney, Maryland 20832 PHONE _____

SUBDIVISION Green Hill Manor ROAD 13507 Villa d'est Dr. LOT 7, Section 5

PROPERTY OWNER Kerwin Miller Anthony D'Ngresa

ADDRESS _____

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

GARBAGE GRINDER? YES X NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.5 feet of stone below distribution pipe.

LOCATION - Beginning from the rear left corner at lots 7 & 3, place the first trench 260 feet up the left line and 160 feet off the lot line as seen when facing the lot from Villa d'Est Drive. Run trenches on contour toward the left and right lot lines.

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

PLANS APPROVED BY Sid Abel DATE 5/10/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

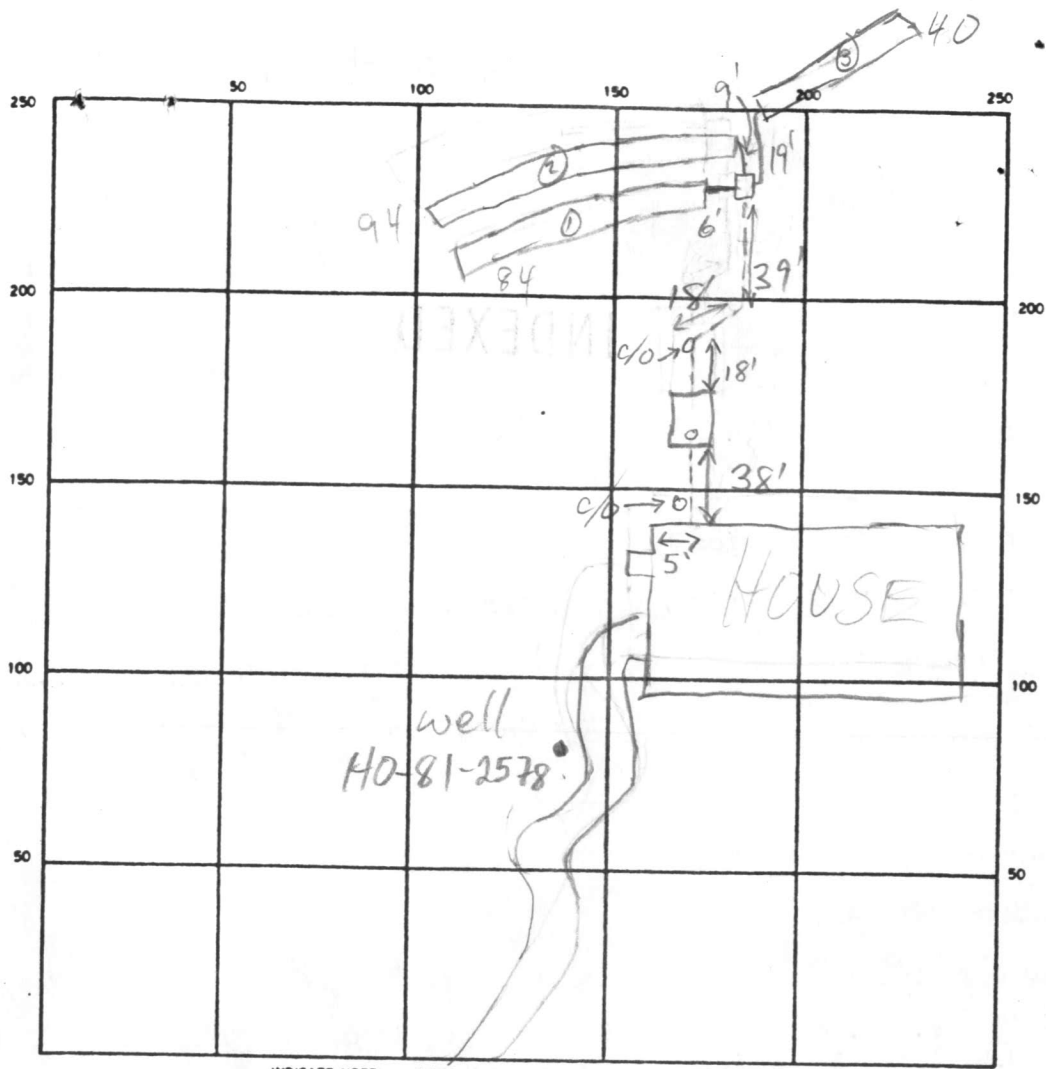
AND RETURNED 4/7/91

Serial # 37419 - Wickar

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.**

A 24336



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE
 VILLADEST DR

SEPTIC TANK LEVEL 2000 GAL CLEANOUTS INLINE: OK ST: OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 8 FT TRENCH WIDTH 2 FT INLET DEPTH 3.5 FT

EFFECTIVE GRAVEL DEPTH 4.5 FT TOTAL LENGTH 84 FT NEED 217'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 340 981 SQ FT

DRYWELL INSIDE DIAMETER — FT EFFECTIVE DEPTH BELOW INLET — FT

ABSORBENT AREA — SQ FT

REMARKS 3/27/89 TRENCH ① DUG AND TRENCH ② DUG TO 39' MR
3/28/89 TRENCH ① COMPLETE, ② IN PROCESS, ③ DUG TO 35' NEED
4' ADD'L MR
3/29/89 ALL TRENCHES COMPLETE OK TO COVER

DATE SYSTEM APPROVED 3/29/89 INSPECTOR M. Riskin

APPLICATION

A 34336

P _____

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

System First R15 DISTRICT _____
DATE _____

Note This Lot consists of Lot 17D & parts of lots 16D, 18D, & 19D on Testing Plat
See separate sheet for specs

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 Vinella

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION GREEN HILL MANOR LOT NO. 3 (Several lots from Sect 4 combined)

ROAD AND DESCRIPTION Cluster Ct Lot 12 Sect 4

Green Hill Manor is off Mink Hollow Rd on Farm

SIZE OF LOT Must check final for location 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 _____

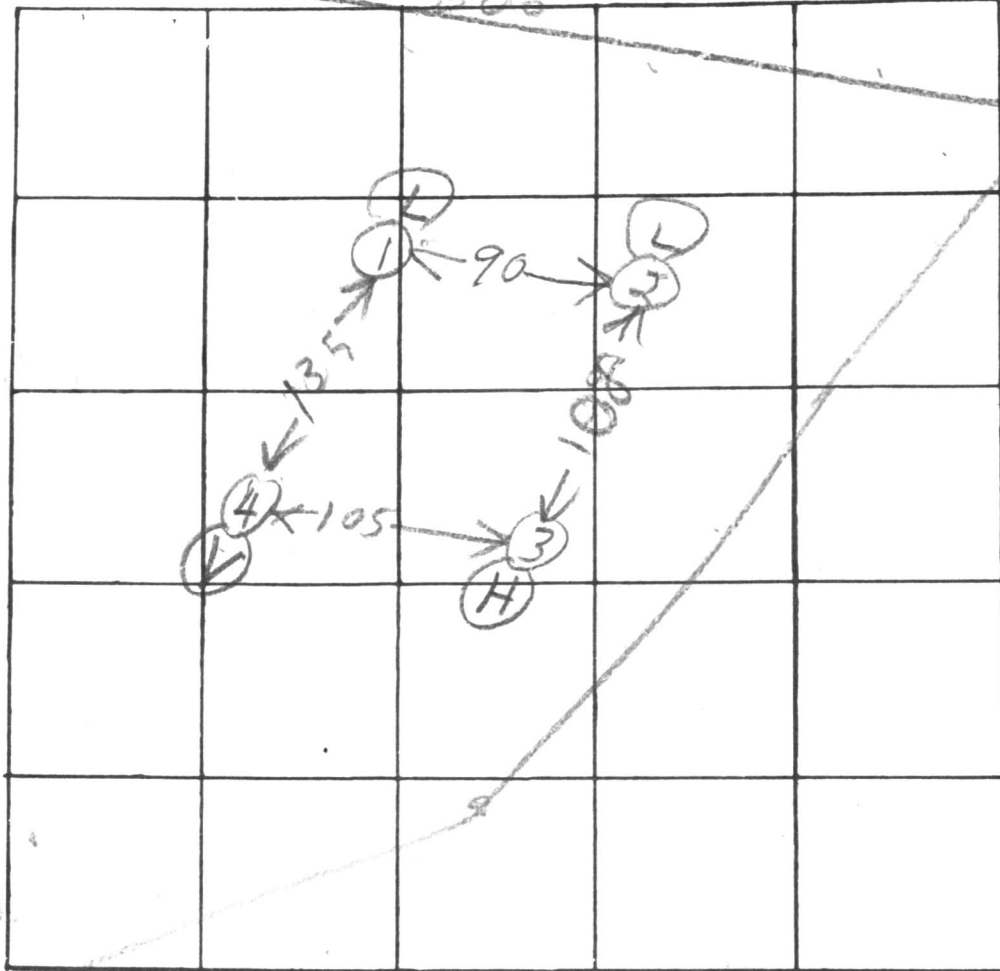
APPROVED BY Raymond Hodges FOR Dry Well DATE 10/27/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/9/77 - Perc OK Hold for Plat
10/27/77 Final Plat signed Aug 77

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

OS/W

HOLE ELEVATIONS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/9/77	1D	13	1129	1137	1137	1143	6
	1S	6	1129	1143	1143	1152	9
	2D	12 1/2	1134	1146	1146	1152	6
	2S	5 1/2	1134	1140	1140	1147	7
	3D	13	1218	1224	1224	1227	6
	3S	6	1219	1224	1224	1224	3
3/9/77	4V	13	top 2 ft clay		Bot 11 ft sand		dry

(L) = LOW

(L) = LOW

(H) = HIGH
USE FOR DW

(V) = VISUAL
HIGH

REMARKS

Certify Hole Locations

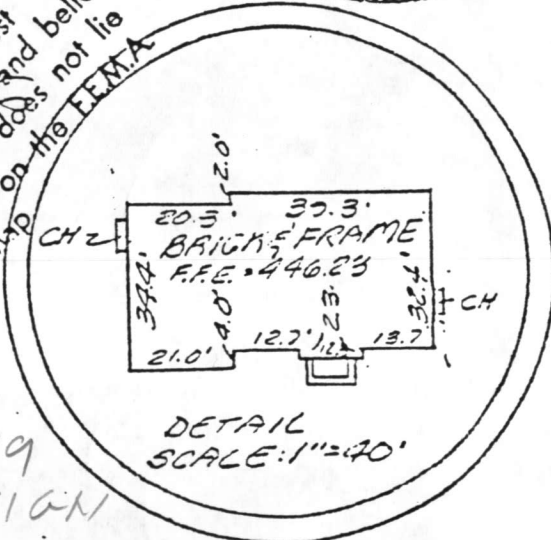
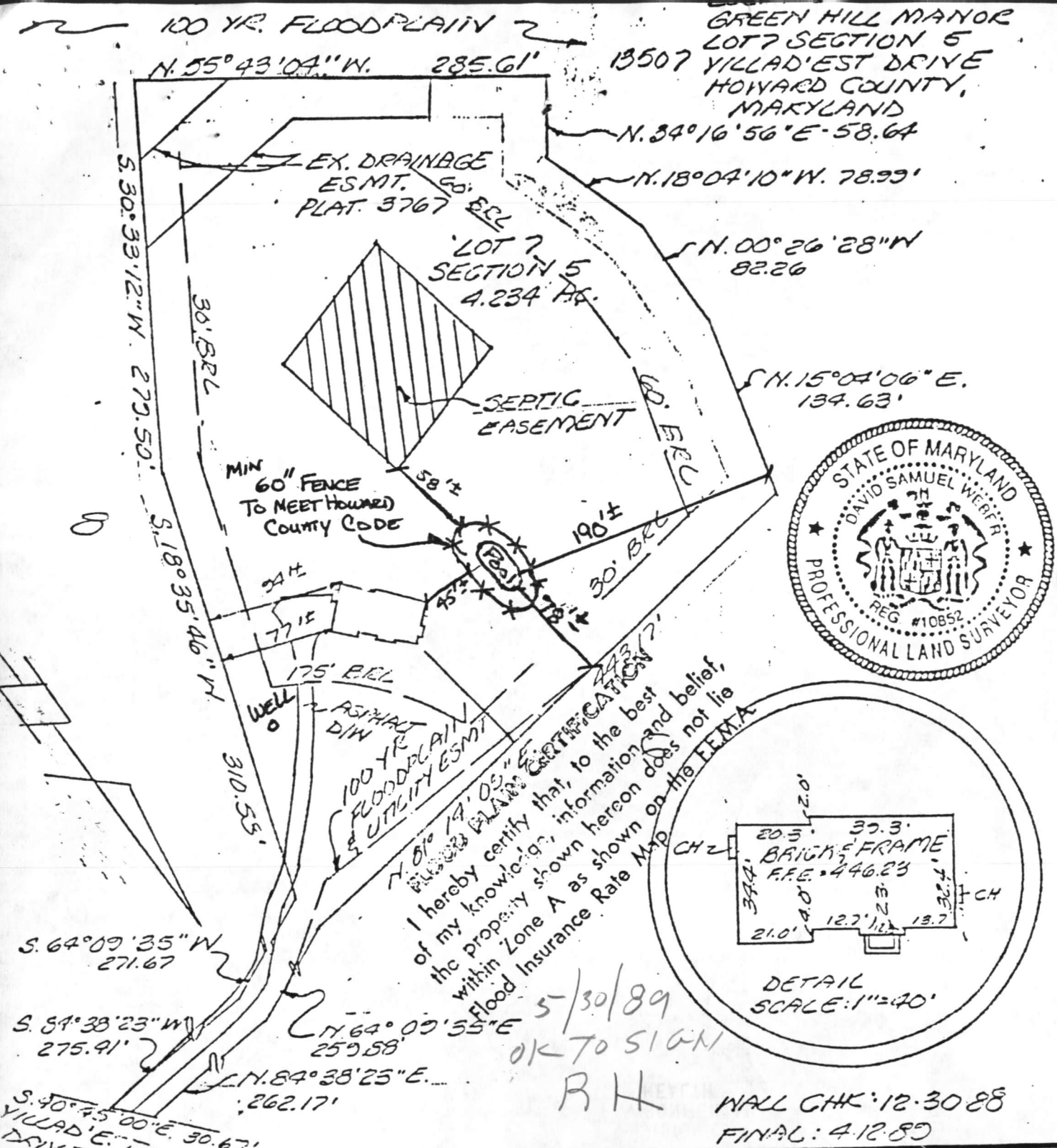
TYPE OF SOIL

TESTED BY

Bo HODGES

ALSO PRESENT:

EYOCK
VINECH



I hereby certify that, to the best of my knowledge, information and belief, the property shown hereon does not lie within Zone A as shown on the FEMA Flood Insurance Rate Map.

5/30/89
OK TO SIGN
RH

WALL CHK: 12-30-88
FINAL: 4-12-89

SURVEYOR'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property have been carefully established by accepted field practices and that unless otherwise shown, there are no encroachments.

David S. Weber 1/4/89
4/18/89

GLW GUTSCHICK LITTLE & WEBER, P.A.
ENGINEERS, PLANNERS, SURVEYORS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MD. 20866
TEL. (301) 421-4024

REFERENCE:	PLAT BOOK _____	PLAT NO. <u>4538</u>
DRAWN BY:	<i>rh</i>	DATE: <u>1-4-89</u>
CHECKED BY:	<i>DSW</i>	SCALE: <u>1"=100'</u>
		G.L.W. FILE NO. <u>87-093</u>

RECEIVED
HOWARD COUNTY
HEALTH DEPT

MAY 23 2 56 PM '88

DEPT OF
ENVIRONMENTAL
HEALTH

60' B.R.L.

22b

22b

22b

LOT 7
SEC. 5

BLDG. PERMIT SIGNED
AND RETURNED 5-10-88

BP 18387
SA

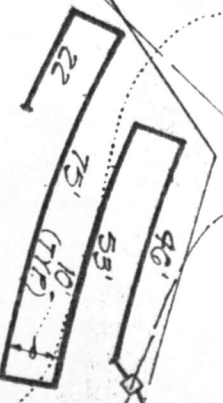
40' REQUIRED
SA

30' B.R.L.

GAR. 44379

SCREENBRIERS
FEE. 44442
B = 43602

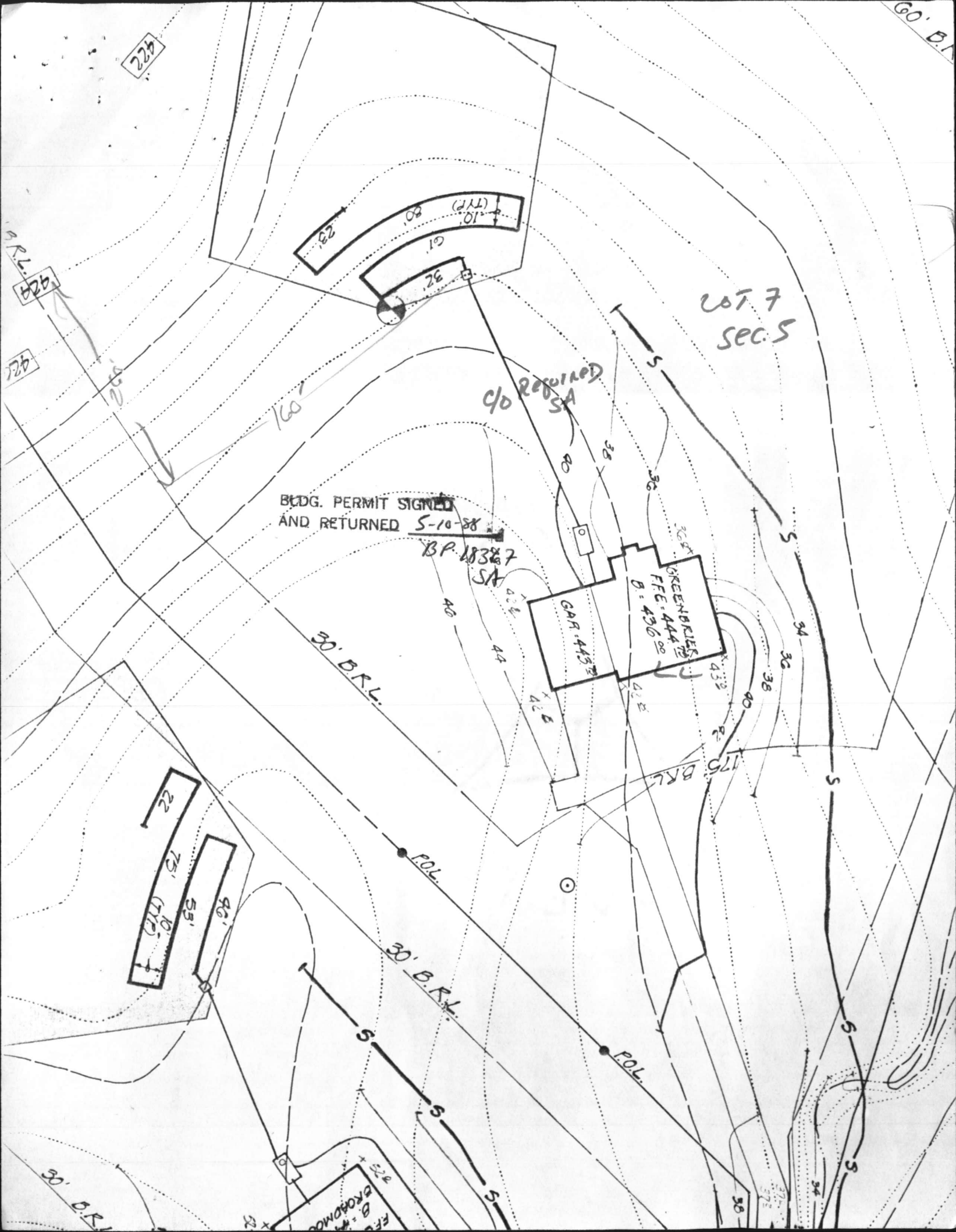
175' B.R.L.



30' B.R.L.

30' B.R.L.

30' B.R.L.



C1 2193

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 A24336

DATE Received

DATE WELL COMPLETED 030388

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-81-2578

OWNER MILLERS ASSOC. KERWIN last name first name STREET OR RFD VILLADIST DRIVE TOWN HIGHLAND SUBDIVISION GREEN HILL MANOR SECTION 5 LOT 7

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include: topsoil, Red clay, Red mica, brown mica, grey mica, brown mica, grey mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 14, NO. OF POUNDS 1400, GALLONS OF WATER 70, DEPTH OF GROUT SEAL 36 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth of main casing (40).

OTHER CASING (if used) diameter and depth from/to.

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

DEPTH (nearest ft.) table with rows for EACH SCREEN and columns for depth intervals (1-21, 23-36, 38-51).

GRAVEL PACK: 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: HOURS PUMPED 3, PUMPING RATE 5 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 11 BEFORE PUMPING, 9.25 WHEN PUMPING, TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED (A, C, J, P, R, S, T, O), CAPACITY: GALLONS PER MINUTE 11, PUMP HORSE POWER 1, PUMP COLUMN LENGTH 1, CASING HEIGHT 2 (LAND SURFACE).

LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED (CIRCLE APPROPRIATE LETTER). 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. Easterday, Robert K. Huber, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

see plot

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.

APR 13 8 11 AM '88

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.

APR 13 4 01 PM '88

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

April 8, 1988

Kerwin-Miller & Associates
Howard Oaks, Inc.
4229 Cherry Valley Drive
Olney, Maryland 20832

RE: Green Hill Manor - Lot 7
Villa D'Est Drive
Well Tag Number: HO-81-2578

To Whom It May Concern:

At the time of the yield test on the above referenced lot, the water sample taken showed an above normal iron content and/or turbidity index (See enclosure). This problem is potentially correctable with the use of a treatment filter for iron, if iron is the main contributing source of the high turbidity.

The water supply for this lot can be approved if at the time of sampling for use and occupancy, an iron removal device is installed which reduces the iron content and turbidity index. If the above conditions are not improved by the installation of the iron removal device, then reconstruction or replacement of the well will be required.

If you should have any questions concerning this matter, please feel free to contact me at 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Jane E. Nadeau".

Jane Nadeau, Sanitarian
Water and Sewerage Program

JN:JR

Enclosure

cc: Mr. Geroge Easterday

LOCATION OF HOUSE
MANOR

LOCATION OF HOUSE
GREEN HILL MANOR
13507 LOT 7 SECTION 5
YILLAD'EST DRIVE
HOWARD COUNTY,
MARYLAND

RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH
2000 AP -5 PH 2:32

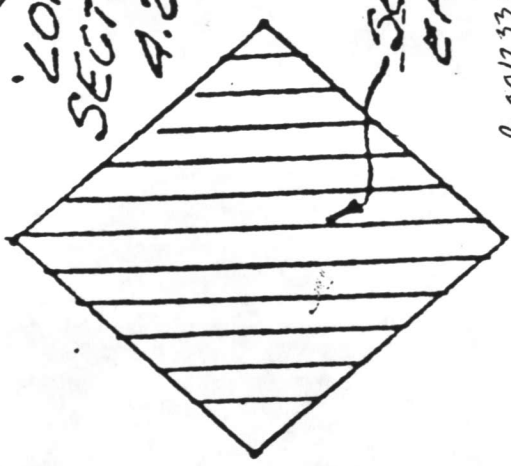


120 YR. FLOODPLAIN

N. 55° 43' 07" W. 285.61'

EX. DRAINAGE
ESMT. 50:
PLAT. 3767 BRL

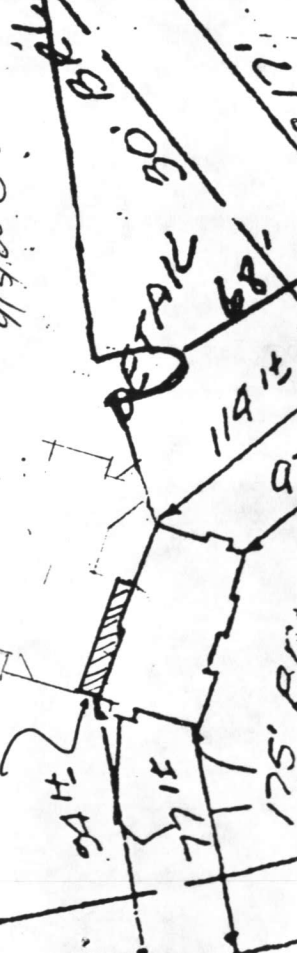
LOT 7
SECTION 5
4.234 AC.



SEPTIC
EASEMENT

B00125363 - DECK OF
APPROXIMATE CLEARANCE
TO 560116 4/4100 Curb

NEW
Addr.



N. 18° 04' 10" W. 78.99'

N. 00° 26' 28" W.
82.26

N. 15° 07' 06" E.
134.63'

30' BRL

S. 30° 33' 12" W. 279.50'

S. 18° 35' 46" W.

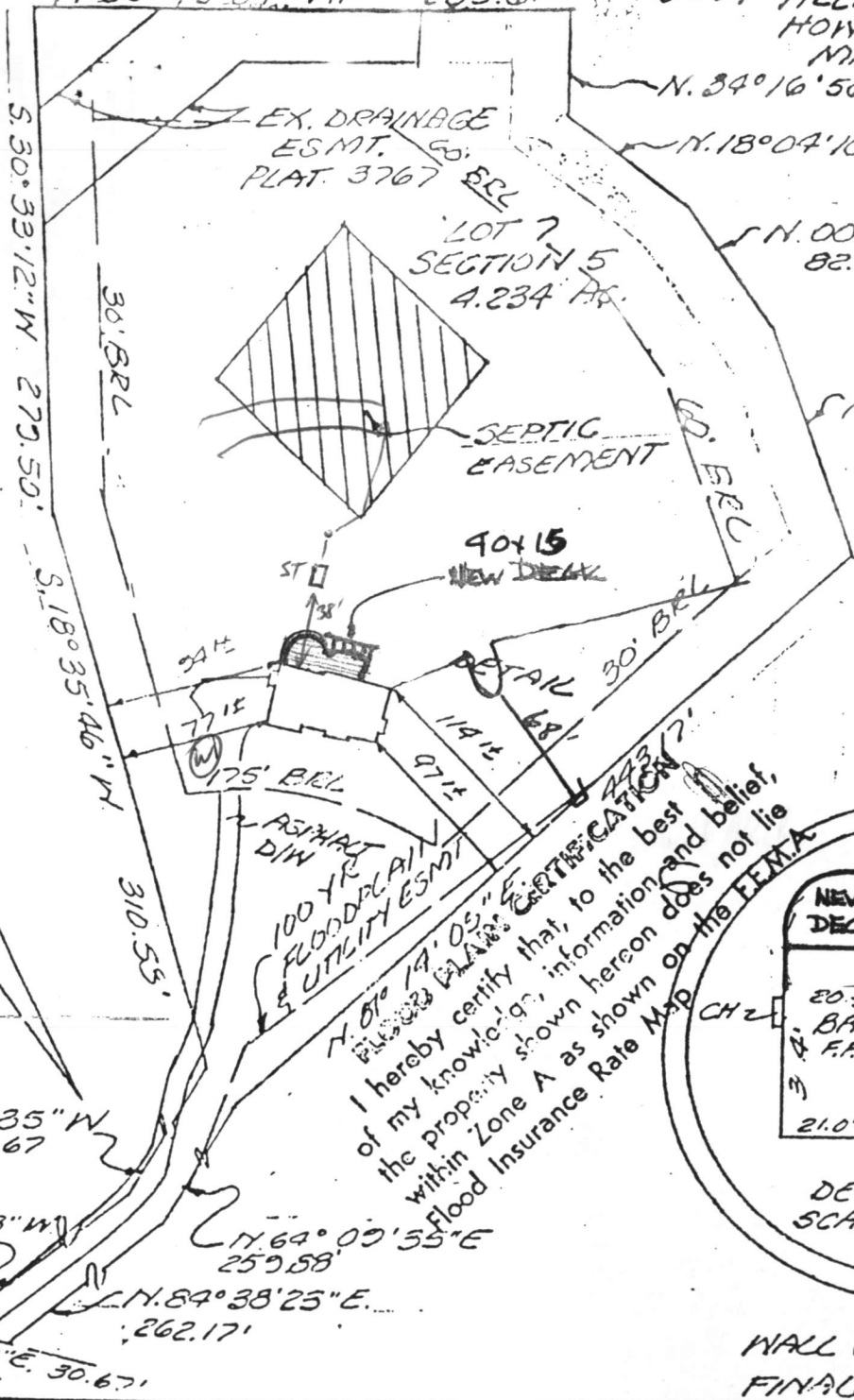
94 FT
77 FT
119 FT
175' BRL
9'

100 YR. FLOODPLAIN

LOCATION OF HOUSE
GREEN HILL MANOR
LOT 7 SECTION 5
13507 VILLAD'EST DRIVE
HOWARD COUNTY,
MARYLAND

N. 55° 43' 04" W. 285.61'

N. 34° 16' 56" E - 58.64'
N. 18° 04' 10" W. 78.99'



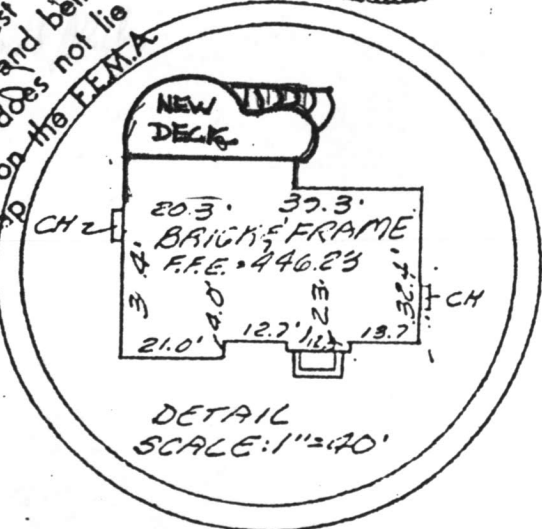
B00127504

N. 00° 26' 28" W. 82.26'
13507 Villadest Dr
Green Hill Manor Lot 7
Deck - No Conflict with
well or septic. Recommend

N. 15° 04' 06" E
139.63' P.P. 11/2/00
Approval



I hereby certify that, to the best of my knowledge, information and belief, the property shown hereon does not lie within Zone A as shown on the FEMA Flood Insurance Rate Map.



WALL GRK: 12-30-88
FINAL: 4-12-89

SURVEYOR'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property have been carefully established by accepted field practices and that unless otherwise shown, there are no encroachments.

David S. Weber 1/4/89
4/10/89

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BURTONSVILLE, MD. 20866
TEL. (301) 421-4024

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DRAWN BY: <u>rh</u>	DATE: <u>1-4-89</u>	G.L.W. FILE NO.
CHECKED BY: <u>TS/AD</u>	SCALE: <u>1"=100'</u>	<u>87-093</u>