

Tax ID = 05-358914

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49737

A 47579

DISTRICT 5th

DATE 11/5/93

DATE SYSTEM APPROVED 11/16/93

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Md 21029 PHONE 854-2006

SUBDIVISION Cissel Farms LOT 35A ROAD 7025 Deer Valley Road

PROPERTY OWNER Kevin J. and Julianne W. Hancock

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM 60 LINEAR FEET PER

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 1 1/2 feet below original grade. Bottom maximum depth 3 1/2 feet below original grade. Effective area begins at 1 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 320 feet from front (200.00') lot line and 100 feet from left (744.93') lot line. Install trenches on contour toward right lot line as seen from Deer Valley Road.

NOTES - CALL FOR OPEN TRENCH INSPECTION PRIOR TO GRAVEL FILLING TRENCHES. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/14/93 R/J

PLANS APPROVED BY Ronald J. Pinkley DATE 6/23/93

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**

BLDG PERMIT SIGNED AND RETURNED 5/16/95
Serial # 59618 - deck

A 47579

APPLICATION

PERCOLATION TESTING

A 47579

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PROVEN OK - TEST ANYTIME
APPLICANT INDICATES
SIGNIFICANT CHANGES IN
EXECUTION FROM
STAGY BOROUGH PROPERTY, C.W.

DISTRICT _____

DATE 10/24/91

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 Ferris Alloway Kevin Sand Julianne Hancock ^{Donald Souders}

ADDRESS 7051 Deer Valley Rd Highland PHONE 384-2941
725-5772

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cissell Farms LOT NO 35-A

ROAD AND DESCRIPTION 7025 Deer Valley Rd off Milk Hollow

TAX MAP 40 PARCEL # 235

BLDG. PERMIT SIGNED
AND RETURNED

SIZE OF LOT 3 Acres TYPE BLDG Single family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Suitable for shallow system only (French bottom 3' below grade maximum)
and watch out for 25% slopes. - get a detailed location survey. Also check separation distance
between front lot line, and approved septic area on front lot 35 - a well down slope and
distances enough from that SBA maybe too close to 35A's SBA? RHP 11-12-91

THIS IS NOT A PERMIT

11/12/91
10:00

HD-216

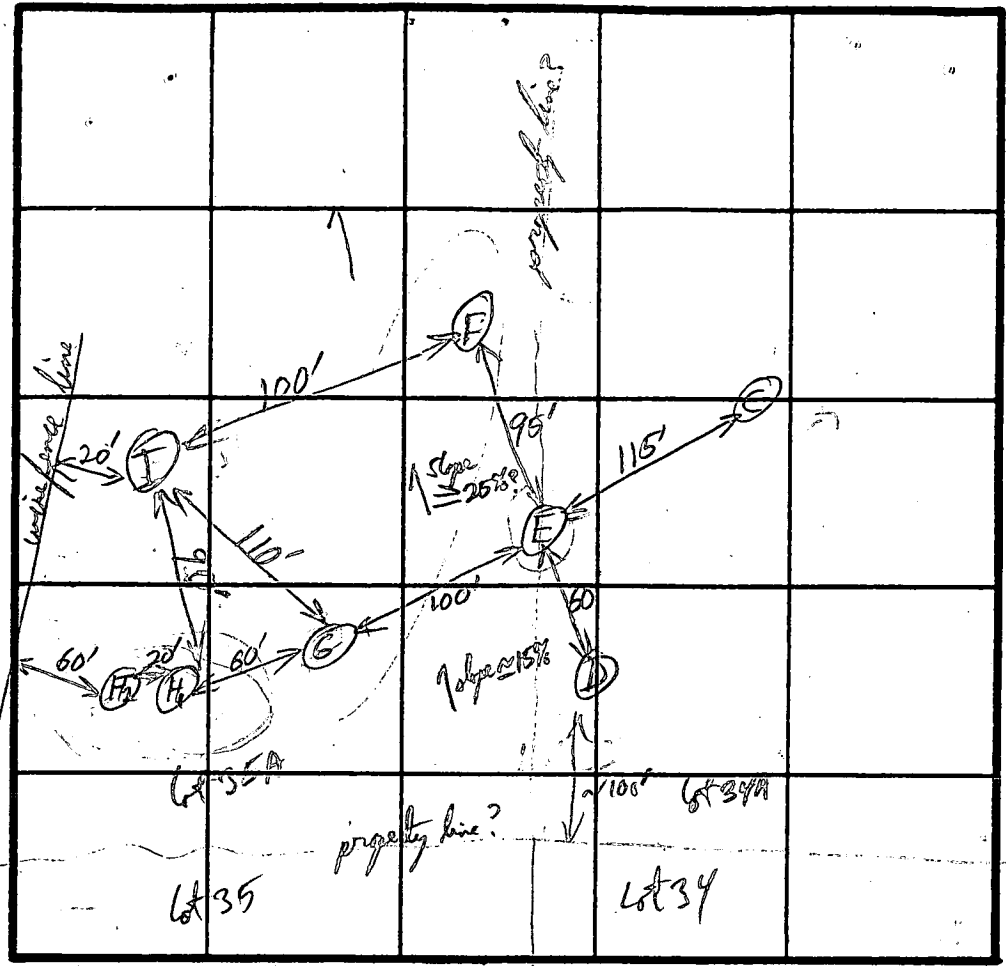
Hole E SOIL PROFILE

0' Red Brn Loams
v. micaceous

varies 1 1/2' Mf gray + olive brn light loamy mod. str. spherulite mfr

6 1/2' green-olive brn 10xR 7/4 light brn v. micaceous strongly str. spherulite mfr

10 1/2' E and B light silty & stony



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole F

1 1/2' Red Brn loam v. mic

Mf gray + brn light loamy mod str. spherulite

7' strongly structured v. micaceous mfr spherulite behaves more like >90% rock

Note all limits of pore zone @ 7' so use 3 ft deep max shallow trench only here

Hole G like Hole F (not quite as severe)

Hole I

Same as Hole B str brn - Red Brn loam (somewhat mic)

3' weakly str - mod str v. micaceous spherulite 70xR 4/4

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-12-91	E	@ 3' 1/2	retest 12:16:40 12:11:30	12:19:20 acc to 12:14	12:19:20	12:22:50	3 1/2 min
		10 1/2 v					
	F	@ 2 1/2	12:26:50 retest 12:28:40	12:30:00	12:30:00	12:31:40	1 1/2 min
		9 v	Rock below 7 ft				
	G	@ 2 1/2	12:37:30	12:38:15	12:38:16	12:39:50	1 1/2 min
		10 v	Rock below 7 ft				
	H	3' 1/2	hit harder somewhat weathered white-green rocky schist @ 2 ft				7 ft
	H		consolidated filler - appears rocky like H				
	I	@ 3'	12:46:50	12:47:50	12:47:50	12:51:40	4 min
		11 v					

REMARKS Watch out for slopes >25% between I, F and E, G, H.

TYPE OF SOIL M1B2, M1C3, M1D3 Manor loams 3-8, 8-15, 15-25% slopes mod - severe mod

TESTED BY _____ ALSO PRESENT _____

To CMC
From R.J.P.

RE: Cissel Farms
lots 34+35 (and 34A+35A)
Deer Valley, UT
Perce Certification Plat.
AS 47579+47580

Cissel Farms lots 34+35 (A+B)

Revisions
were also made
per headed
5/28/92

① Designated perk areas are not shown where I ran tests on revised plat
My Notes show sites only 100 ft from 200' property lines (between A + B sections)
Need to ^{Field} stake proposed septic areas and boundary line markers

Revised
lot 35B

② There are areas of slopes greater than 25% included in both
- 10,000 sqft areas of lots 35A + 34B. This is not acceptable. Reconfigure

③ on lot 35B Holes #1 + #2 were too rocky at shallow depth to allow,
holes #3 + 6 were rocky at 7', only 1 1/2 min perks @ 2 1/2 ft. Unacceptable?
Fast perks; lot 35B needs to retreat another area.

④ on lot 34B Hole D had 1 min test (after retreating @ 45 sec), Holes A and B also perked.
Fast perks
and holes
decided perks
OK
when marking
material
feet 1, 1 1/2, ^{40 sec} at 2 1/2 ft, 30 sec @ 6 1/2 ft. - Only one hole had a 2 min
test on lot try). Borderline call for shallow (less than 3 ft deep) systems only
May not work where slopes approach 25%.

⑤ No tests were done @ the time on lot 35A (previously approved SDA) -
but field staking would be helpful.

⑥ In view of rocky conditions and fast perk times, if SDA approval is possible
a minimum of 150 ft well to septic retched should be maintained
Especially on downslope well sites.

RJP 5/14/92

DEER VALLEY ROAD

20' ACCESS EASEMENT

HANCOCK RESIDENCE

7025 DEER VALLEY ROAD
HIGHLAND, MARYLAND

LOT 35-A TAX MAP 40, BLOCK 3

SCALE 1" = 50'

SEPTIC SYSTEM

INV. ELEV. (OUT OF) HOUSE	470
INV. ELEV. (INTO) SEPTIC TANK	469.5
EXISTING ELEV. AT SEPTIC TANK	470.5
INV. ELEV. (OUT OF) SEPTIC TANK	469
INV. ELEV. (INTO) DIST. BOX	461 → 462 (cw)
EXISTING ELEV. AT DIST. BOX	463
INV. ELEV. (INTO) TRENCH	460.5 → 461.5 (cw)
EXISTING ELEV. AT TRENCH	463

WELL

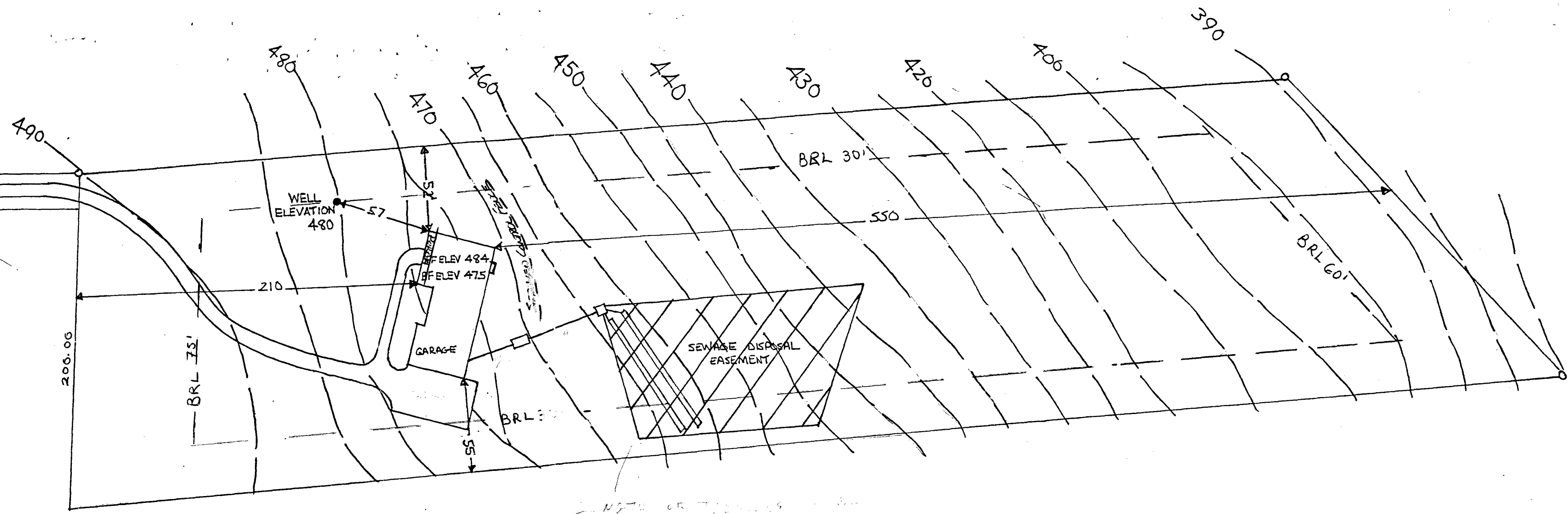
WELL ELEV.	480
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COMMENTS: TANK AND TRENCHES WILL BE SIZED TO MEET HOWARD COUNTY SPECIFICATIONS FOR A HOUSE. FALL OF SEWER PIPE IS NO LESS THAN 1/8 INCH PER FOOT, NOR IS IT GREATER THAN 1/4 INCH PER FOOT.

ELEVATIONS OK
AS R6U1569
6/25/93
CW [Signature]

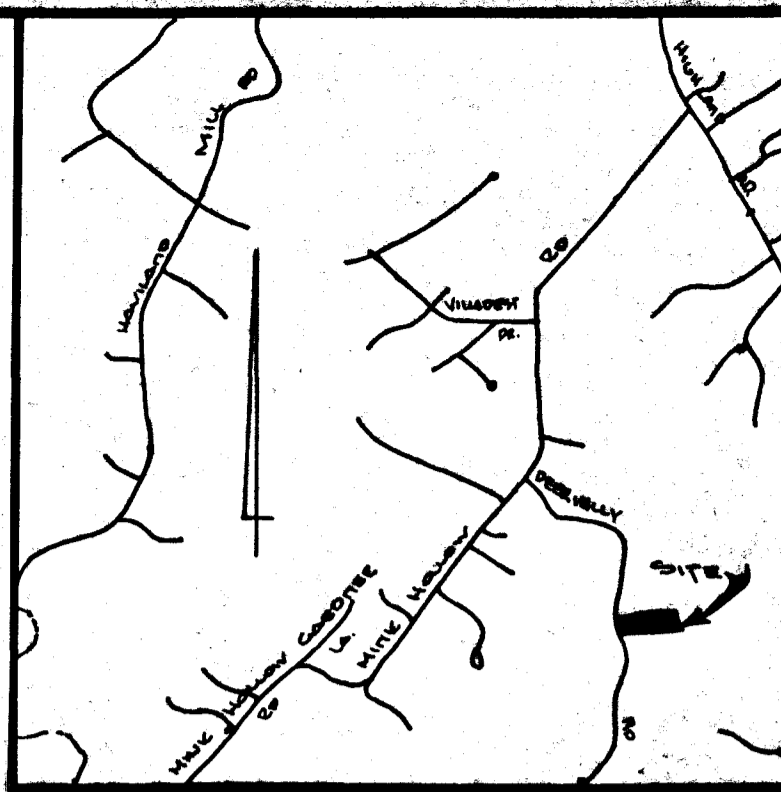
I CERTIFY THAT THE ABOVE MEASUREMENTS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

Julianne W. Hancock

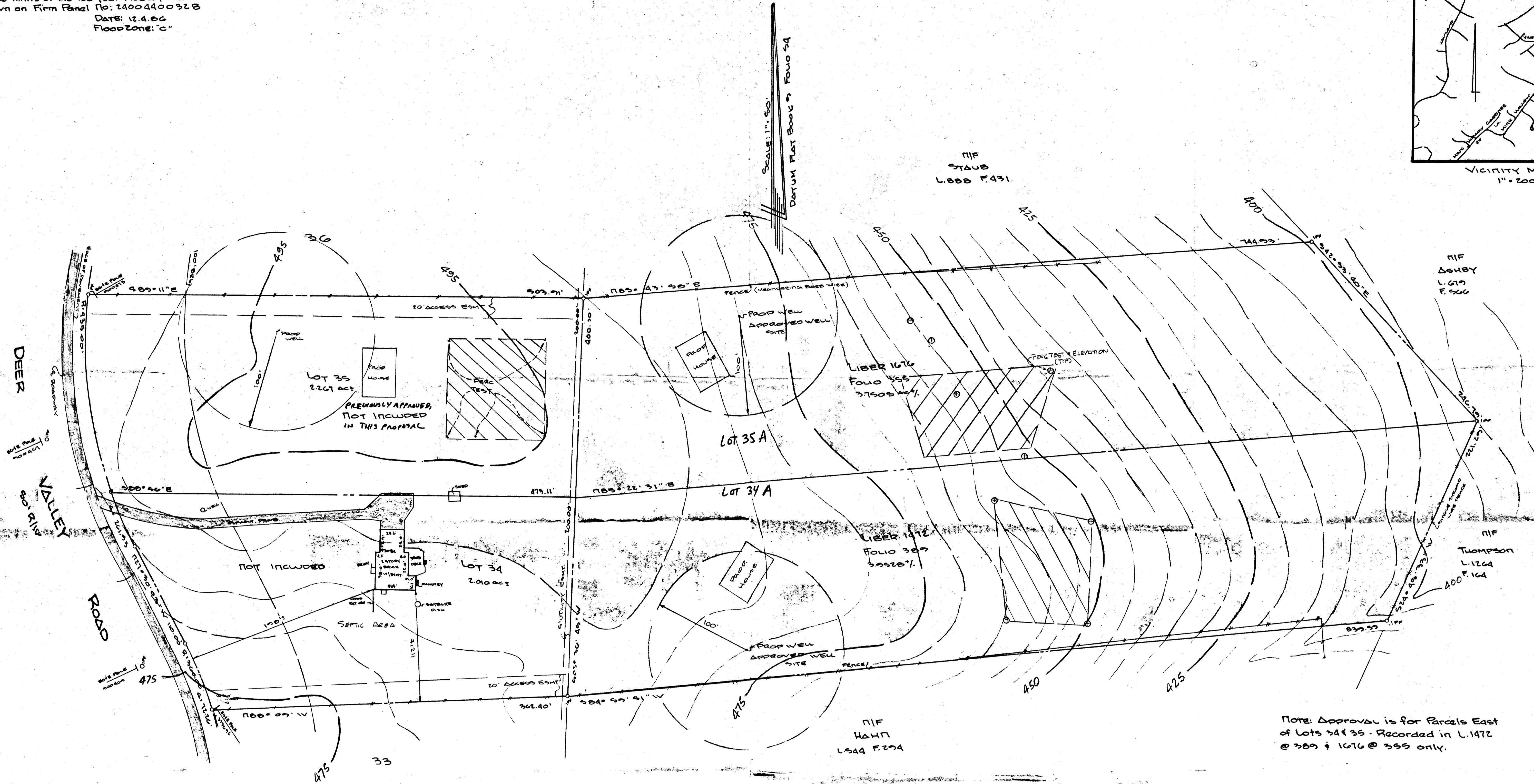


LENGTH OF TRENCHES
RECORDED IN RECORD BOOK
DATE OF SEPTIC
TANK

NOTE: The lot shown hereon does not lie within the limits of the 100 year Flood Plain as shown on Firm Panel No: 2400440032B
 DATE: 12.4.86
 Flood Zone: 'C'



VICINITY MAP
 1" = 2000'



Note: Approval is for Parcels East of Lots 34 & 35. Recorded in L.1472 @ 389 & 1676 @ 355 only.

SURVEYORS CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property has been carefully established by a transit-tape survey; and that, unless otherwise shown, there are no encroachments. Unless otherwise shown, corners have not been set with this survey. This survey is not to be used to determine property lines.

Michael J. Bazis 9-30-91
 Michael J. Bazis RLS# 263



LOTS 34 & 35A DEPARTMENT OF HEALTH AND APPROVED: MENTAL HYGIENE FOR PRIVATE WELL AND SEPTIC
 Joye M. Bodine 6-3-92
 Howard County Health Officer CW PATE

NOTE: NO TITLE REPORT FURNISHED

• THERE ARE NO WELLS OR APPARENT SEPTIC PITS WITHIN 100 FEET OF THE BOUNDARY OF THESE PARCELS

Prepared By:
R.C. KELLY & ASSOCIATES, INC.
 LAND SURVEYORS
 10111 COLEVILLE ROAD
 SUITE 123
 SILVER SPRING, MD 20901
 (301) 593-8005

GENERAL NOTES

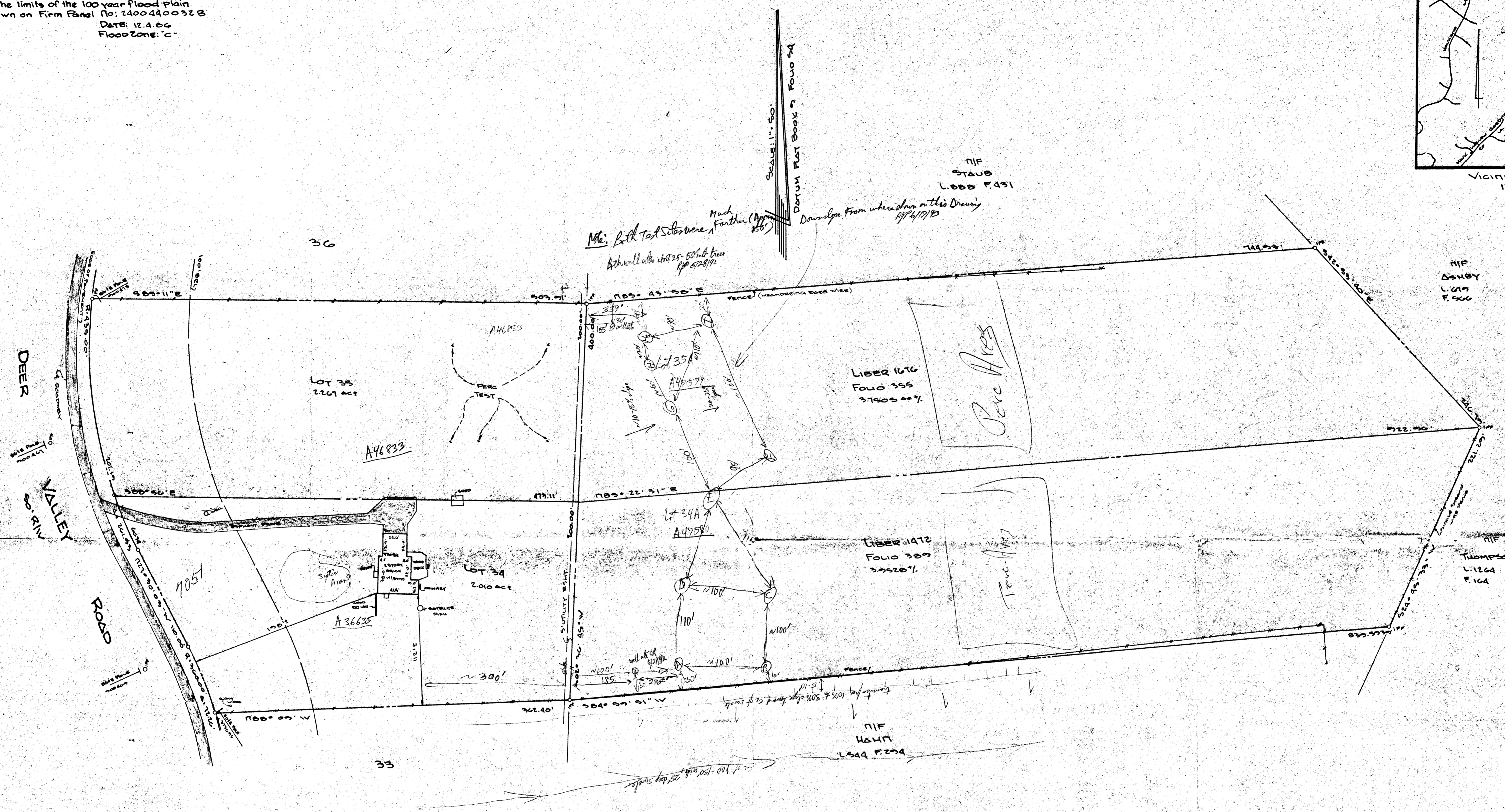
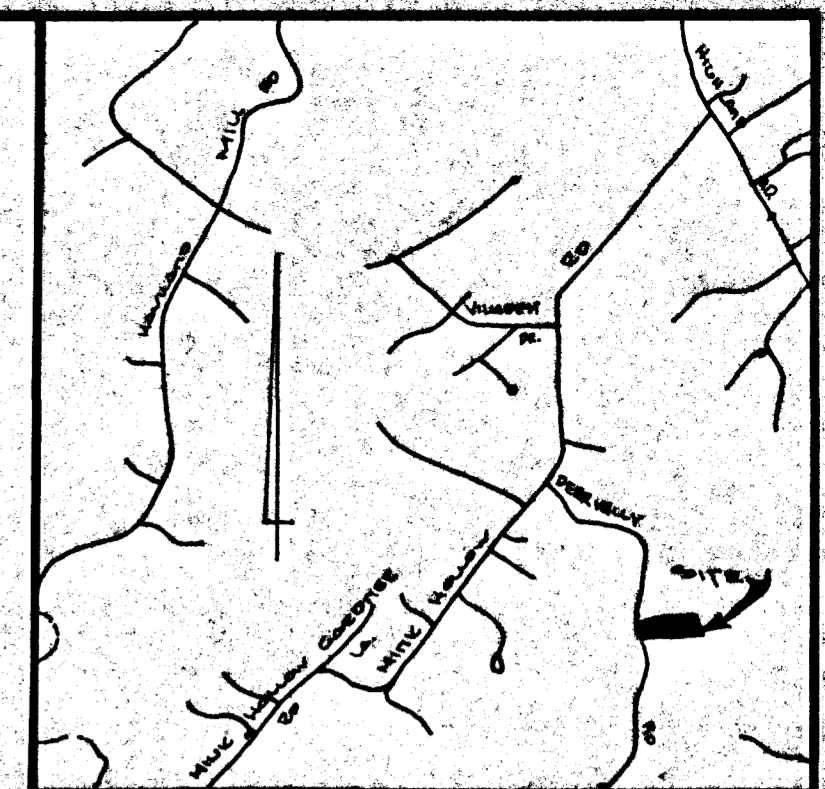
- 1) THE MAP: 40, BLOCK 3, PARCELS 235 & 293
- 2) DEED REFERENCE: 1474/389 & 1676/355
- 3) THIS AREA DESTROYED PRIVATE SEWER DISCHARGE OF A MINIMUM OF 10,000 SQ. FT. AS REQUIRED BY THE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWER DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON THE CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECREATION OF A MODIFIED SEWER EASEMENT SHALL NOT BE NECESSARY.
- 4) ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN THIS (10).
- 5) TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY PHOTOGRAMMETRIC MAPS.
- 6) ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN SHOWN.
- 7) OWNERS: Mr. A. Perrie Allen, III
 Mrs. Cynthia T. Allen
 7051 Deer Valley Road
 Highland, Maryland 20777
 (301) 730-6607

PERCOLATION CERTIFICATION PLAT
 PLAT OF SURVEY
ALLEN PROPERTY
 consisting of five parcels
LOTS 34 AND 35
 MAP OF CREEK FARM SECTION 3
 PLAT BOOK 3 OF FOLIO 54
 AND
 PROPERTY RECORDED IN
LIBER 1472 FOLIO 389
LIBER 1676 FOLIO 355
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 40

6.28.92 REVISED PER HEALTH DEPT COMMENTS & ON SITE MEETING
 4.21.92 REVISED TO INCORPORATE HEALTH DEPT COMMENTS
 4.6.92 ADDED PERC TESTS, PROPOSED LOT LINES, WELLS & HOUSES

FIELD TO COMP: RCB CHECK: MJB
 DRAFT: WARD JOB# 913092/B SCALE: 1"=50'
 SEPT 21, 1991

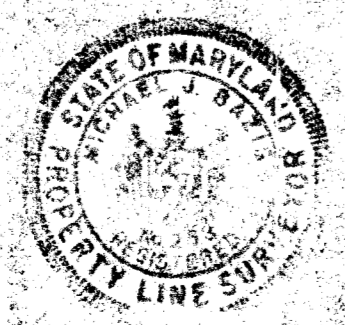
NOTE: The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on Firm Panel No: 2400490032B
 DATE: 12.4.86
 FLOOD ZONE: 'C'



SURVEYORS CERTIFICATE

I hereby certify that the position of all existing improvements on the above described Property has been carefully established by a transit-tape survey; and that, unless otherwise shown there are no encroachments. Unless otherwise shown, corners have not been set with this survey. This survey is not to be used to determine property lines.

Michael J. Bazis 9-30-91
 Michael J. Bazis RS#263



NOTE: NO TITLE REPORT FURNISHED

Prepared By:
R.C. KELLY & ASSOCIATES, INC.
 LAND SURVEYORS
 10111 COLESVILLE ROAD
 SUITE 123
 SILVER SPRING, MD 20901
 (301) 593-8005

Field Notes
 11-2-91
 M. Kelly

PLAT OF SURVEY
ALLEN PROPERTY
 consisting of four pieces
LOTS 34 and 35
 Map of Ouse Farm Section 3
 Plat Book 3 at Folio 54
 and
 Property Recorded in
LIBER 1472 Folio 389
LIBER 1616 Folio 355
 Fifth Election District
 Howard County, Maryland
 Tax Map 40

PLAT TO COMP: REX CURS: MJB
 DRAFT: KALO JOE #1303018 SCALE: 1\"/>

HANCOCK RESIDENCE PLAT
SHOWING SITE FOR PROPOSED DECK

7025 DEER VALLEY ROAD
HIGHLAND, MARYLAND

LOT 35-A TAX MAP 40, BLOCK 3

FLOOD ZONE C

5th ELECTION DISTRICT

SEPTIC SYSTEM

INV. ELEV. (OUT OF) HOUSE	470
INV. ELEV. (INTO) SEPTIC TANK	469.5
EXISTING ELEV. AT SEPTIC TANK	470.5
INV. ELEV. (OUT OF) SEPTIC TANK	469
INV. ELEV. (INTO) DIST. BOX	462
EXISTING ELEV. AT DIST. BOX	463
INV. ELEV. (INTO) TRENCH	461.5
EXISTING ELEV. AT TRENCH	463

(THESE SPECIFICATIONS WERE APPROVED
ON JUNE 29, 1993, PRIOR TO THE
CONSTRUCTION OF THE HOUSE.)

WELL

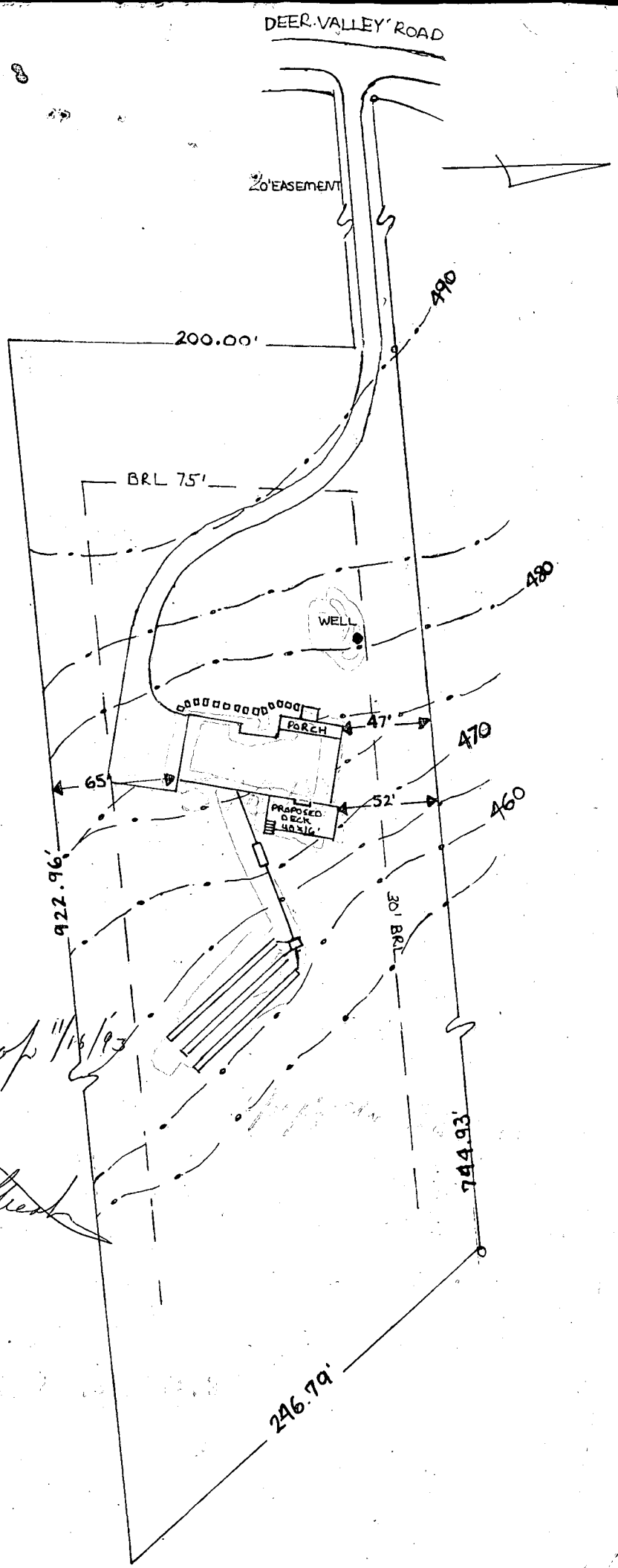
WELL ELEVATION	480
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#59618

① OK as shown

② OK per C.O. of 11/16/93
5/16/95

CPH



B 1 05420 SEQUENCE NO. (DP USE ONLY)
1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

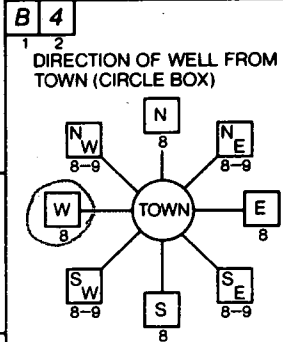
STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-02-0345
70 fill in this form completely 79

Date Received (APA) 09/17/93
OWNER INFORMATION
15 Last Name HANKS 13 Owner JULIE 34 First Name
36 Street or RFD 2401 HIDDEN VALLEY LN 55
57 Town SILVER SPRING 70 State 72 MD 76 Zip

B 3 LOCATION OF WELL
1 2 HOWARD 8 COUNTY
21 DISSEL FARMS 23 SUBDIVISION 42
SECTION 44 46 LOT 35 48 50
HICHAHACT 52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78 MI

DRILLER INFORMATION
George F. Easterday 40
Driller's Name L. Franklin Easterday, Inc. 77 License No. 80
From Name Brown Church Rd., Mt. Airy, Md. 21771
Address George F. Easterday 4/16/93
Signature Date



DEER VALLEY RD 11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W EAST E
SOUTH S
34 200 37 DISTANCE FROM ROAD
ENTER FT or MI 1.7 38 39

B 2 WELL INFORMATION
1 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A 4757
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED 042193
43 48 CO SIGNATURE EXP. DATE 09-21-93
NORTH GRID 489000 50 55 EAST GRID 6806000 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 300 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT
other

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) 41 52

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER 54 GAP 63
FORCE RP WRITE INITIALS IN BOX PERMIT No. 40-02-0345
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELLS
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8006
N 4809
000
000

