

Tap ID -05-415454

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49389

A 47580

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXX-993~~ 313-2640

DATE 07/06/93

DATE SYSTEM APPROVED 7/4/93

INSPECTOR C. B. [Signature]

INDEXED

Whitworth Excavating IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 12680 Clarksville Pike, Clarksville, Maryland 21029 PHONE 531-5033

SUBDIVISION Cissel Farms LOT 34A ROAD 7059 Deer Valley Road

PROPERTY OWNER Brown & Connors DAVID BROWN Byong Choi

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS DUPLICATE - ORIGINAL MISPLACED

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED
AND RETURNED 9/10/94
Serial # Br 102139
Check & Screenshot packet

TRENCHES - Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 400 feet from the back lot line and 40 feet from the right side of the lot as seen when facing the lot from Deer Valley Road.

NOTES - Run the trenches away from the right side of the lot.
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/W

PLANS APPROVED BY Raymond Hodges DATE 01/11/93

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

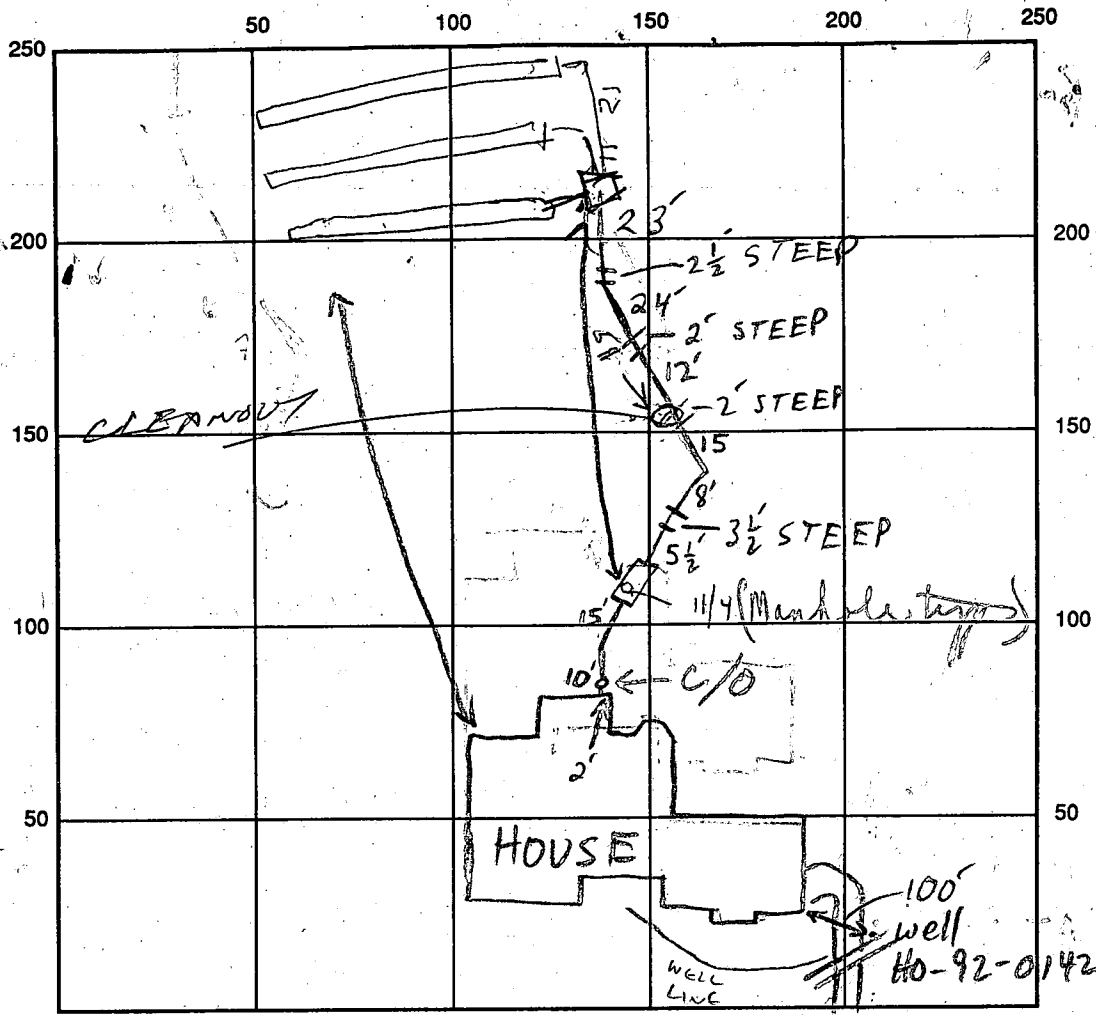
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A
47580

7/21/93
7/22/93
C. B. [Signature]
4:00 PM
corner



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK

CLEANOUTS INLINE - OK

TANK MANHOLE
11/4 of
date

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 1 1/2 3
4 4 4 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 1 2 3
20 20 21 FT.

EFFECTIVE GRAVEL DEPTH 1 2 3
2 2 2 FT.

TOTAL LENGTH 180 80 80
3 FT. 240

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 240 240 SQ. FT. 240

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 7/21/93 OK TO COVER S.T. + LINE TO D.B.; INSTALL
C/O IN LINE TO D.B. - CONTINUE MR

7/22/93 COVER TRENCHES CALL FOR INSPECTION
OF TANK MANHOLE WHEN READY. MAYBE WHEN
WELL LINE READY BIT

11/4/93 Final S.T. Manhole types on adjacent c/s

DATE SYSTEM APPROVED 11/4/93

INSPECTOR Charles Ryan Street

APPLICATION

PERCOLATION TESTING

A 47580
P _____

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

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.

DONALD SOUNDER

PROPERTY OWNER ~~Ervin Allen~~ David Brown + Kathryn Connors

ADDRESS 7051 Deer Valley Rd Highland PHONE 725 5772

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cissell Farms LOT NO 34A

ROAD AND DESCRIPTION Deer Valley Rd off Mink Hollow Rd
(7059 DEER VALLEY ROAD)

TAX MAP 40 PARCEL # 235

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.
Donald Sounder
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Recommend Trenches 4 Ft deep Maximum for this lot
Limited depth of well area on front lot line, give hole placement of percolate.. or 150ft to well if
double of septic

BLDG. PERMIT SIGNED
AND RETURNED 11/1/93
Serial # 45255-SFD-VBme

HD-216

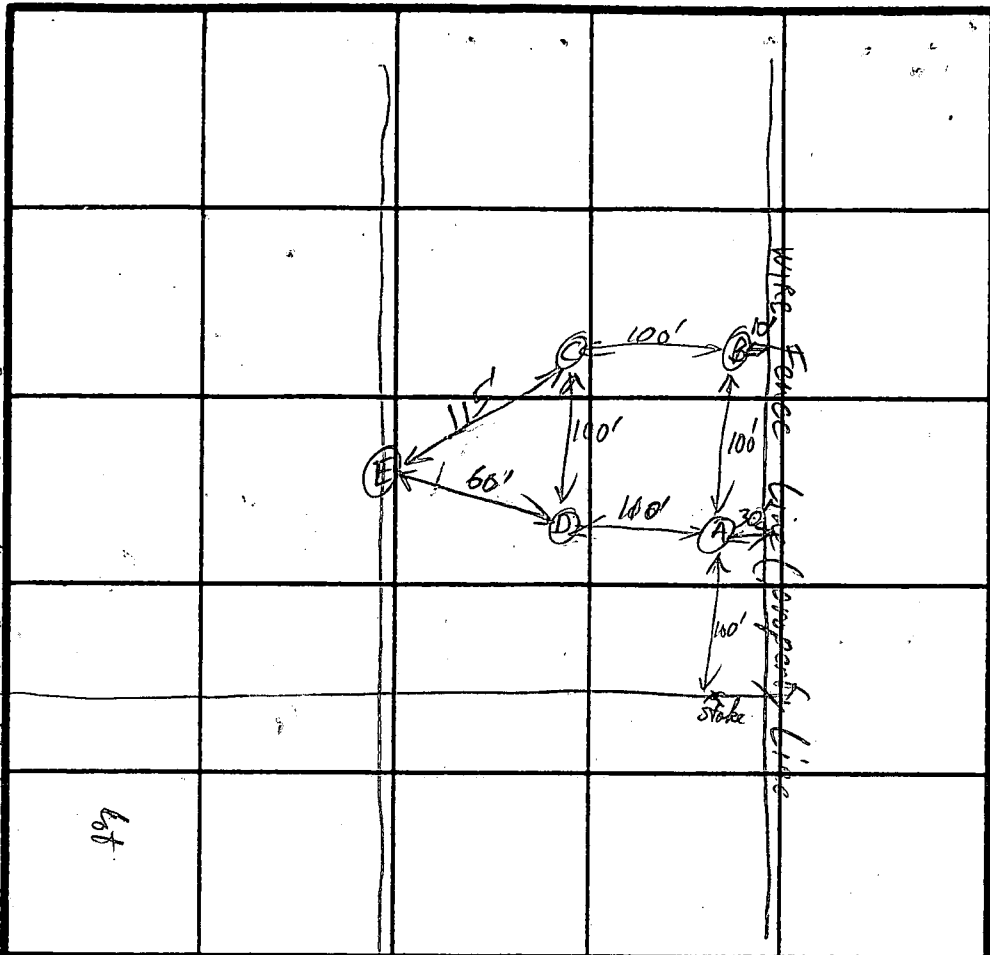
THIS IS NOT A PERMIT

Hole A

SOIL PROFILE

0	Red Brn (5R 4/4 1/3)
1 1/2	Loam (micaceous)
3	Red Brn - Str Brn loam str saprolite U. Micaceous
9 1/2	grey + Tan (10R 4/4 1/4) light loam U. Micaceous str - U. Str saprolite M Pr - mfi increasing depth

Wire fence line (property line)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole B

7.5R 4/4 1/6
Strong Brn Loam
micaceous

3'
grey + Tan
10R 4/4 1/4
light loam
U. Micaceous
structural saprolite

gradual transition
↓ str
> 6-7'
same saprolite
becomes harder
m Pr → mfi
2 med Black Mn
Pillars + spots
1/2 at deeper levels

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/12/91	A	@ 2 1/2 s	11:17:10	11:18:00	11:18:00	11:19:30	1 1/2 min
		@ 6 1/2 m 9 1/2 v	11:30:10 11:30:10	11:30:40 11:30:40	11:26:50 11:30:40	11:26:20 11:31:10	30 sec 1 min
	B	@ 2 1/2 s	11:21:50	11:22:20	11:22:20	11:23:00	40 sec
		retest 11 1/2 v	11:33:20	11:35:00	11:35:00	11:37:15	2 min
	C	@ 2 1/2 s	11:46:00	11:47:30	11:47:30	11:49:20	2 min
		13' v					
	D	@ 2 1/2 s	11:53:20	11:54:00	11:54:00	11:54:45	45 sec
		10 1/2 v	retest 11:55:30	11:56:30	11:56:30	11:57:34	1 min

holes open
8 1/2 x 5 1/2 diam

Hole is long
dip sec 3' x 8"
just into grey
str saprolite

Hole C

Red Brn Loam
saprolite - moderate
micaceous

3'
Red Brn - Orange
+ some grey Mn
Loam (mass)

6'
grey structural
saprolite
Tan U. micaceous
m Pr - to bottom

Hole D same as Hole B

str. Saper. m Pr

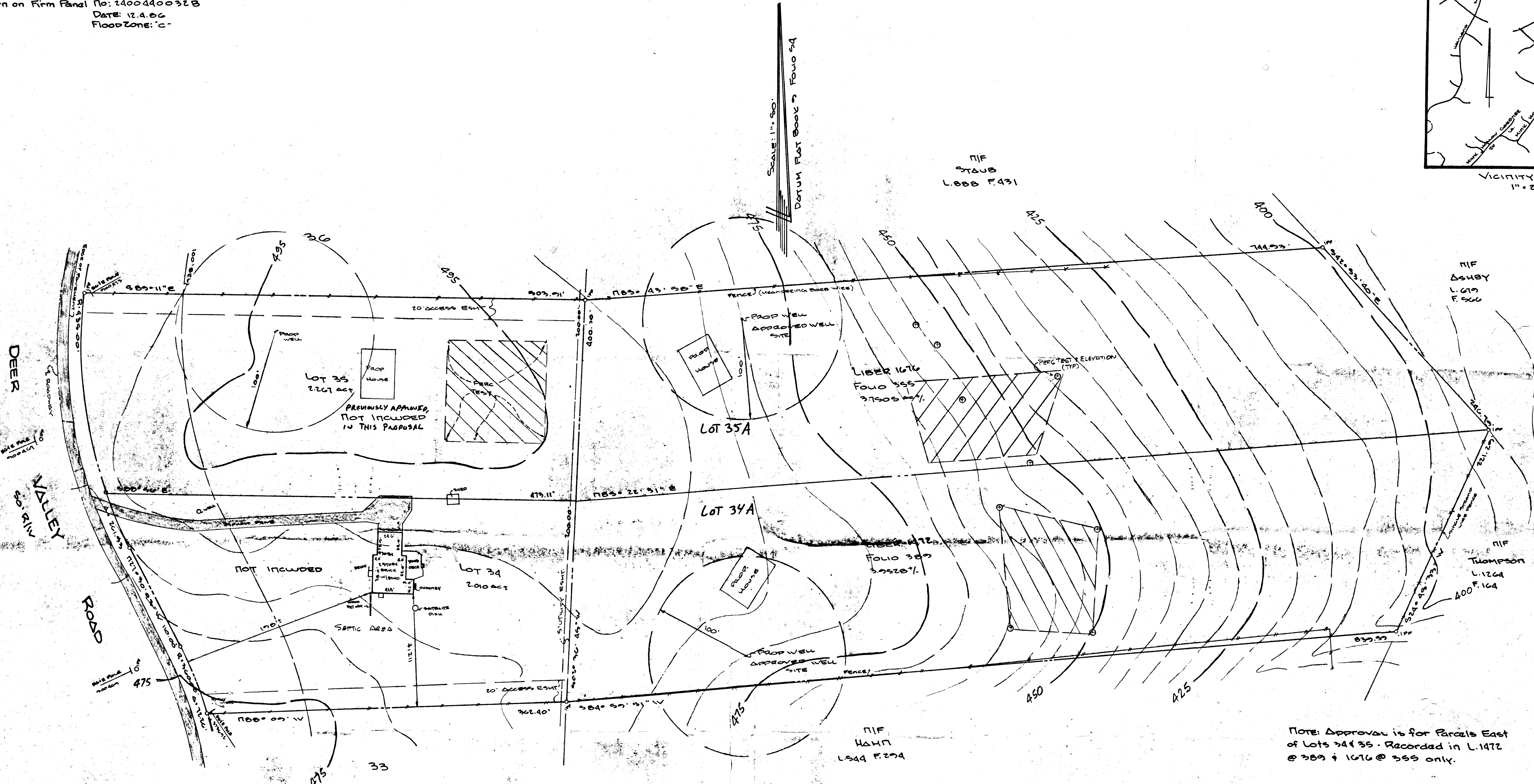
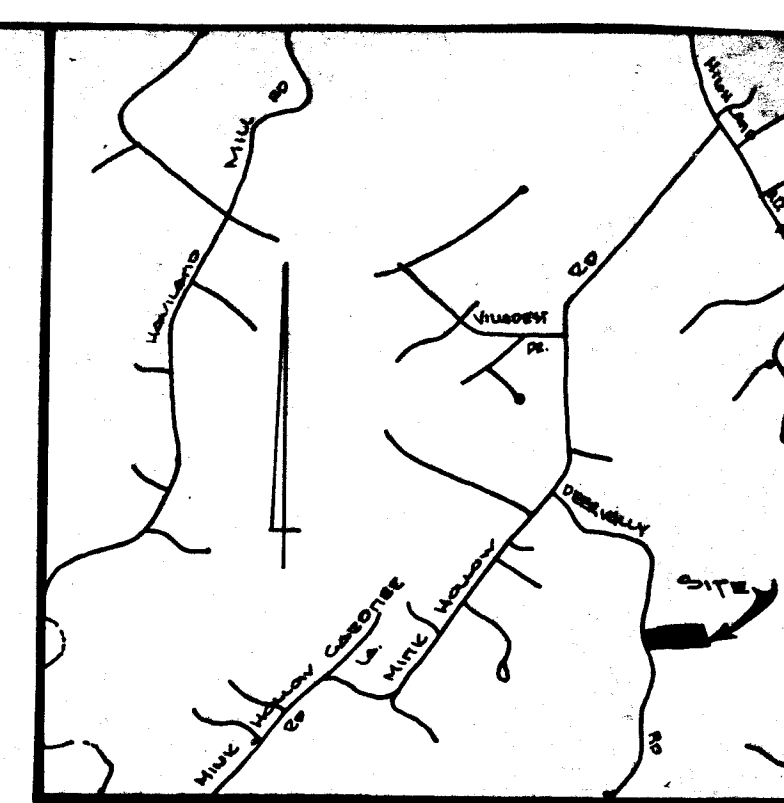
REMARKS: Recommend trenches 4 ft deep maximum for this lot. Keep well up fall or ≥ 150 ft downhill 9/5 SDA

TYPE OF SOIL: MIC₂, M₁B₂, Minor loams

TESTED BY: R. Purdy

ALSO PRESENT: 11-12-91

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: 12.4.92
 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 R/S# 263



LOT 34 & 35A DEPARTMENT OF HEALTH AND MENTAL HYGIENE APPROVED FOR PRIVATE WELL AND SEPTIC
 Joseph M. Powell 6-3-92
 HOWARD COUNTY HEALTH OFFICE 620 DORR

Note: No Title Report Furnished

There are no wells or apparent septic fields within 100 feet of the boundary of these parcels.

Prepared By:
R.C. Kelly & Associates, Inc.

LAND SURVEYORS
 10111 COLESVILLE ROAD
 SUITE 123
 SILVER SPRING, MD 20901
 (301) 593-0005

- GENERAL NOTES**
- 1) PARCELS 28, 29, 30, PARCELS 235 & 293
 - 2) DEED REFERENCE: 1474/389 & 1676/355
 - 3) THIS AREA DESTROYED PRIVATE SEWER BASINMENT OF A MINIMUM OF 10,000 SQ. FT. AS REQUIRED BY THE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BE 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. RELOCATION OF A MODIFIED SEWER BASINMENT SHALL NOT BE NECESSARY.
 - 4) ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN THIS (c).
 - 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. Patricia Allen, III
 Mrs. Cynthia T. Allen
 7051 Deer Valley Road
 Highland, Maryland 20777
 (301)-730-6607

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

PERCOLATION CERTIFICATION PLAN
 Flat of Survey
ALLEN PROPERTY
 consisting of Five Parcels
LOTS 34 and 35
 Map of Ossel Farm, SECTION 3
 Flat Book 2 at Folio 64
 and
 Property Recorded in
LIBER 1472 FOLIO 389
LIBER 1676 FOLIO 355
 Fifth Election District
 Howard County, Maryland
 Tax Map 40

9-28-92 REVISED PER HEALTH DEPT COMMENTS ON SITE MEETING
 4-27-92 REVISED TO INCORPORATE HEALTH DEPT COMMENTS
 4-6-92 ADDED PERC TESTS, PROPOSED LOT LINES, WELLS & HOUSES
 FILED TO COMP: RCK CHECK: MJB
 DRAFT: WARD JOS# 91303018 SCALE: 1"=50'
 SEPT 21, 1991

C1 6715 SEQUENCE NO. (DENV USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A47580

ST/CO USE ONLY
 DATE Received
 DATE WELL COMPLETED
183192

Depth of Well
400
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
10-92-0142

OWNER R.C.M. Corporation
 STREET OR RFD Dear Valley Rd TOWN Highland
 SUBDIVISION Wood Farms SECTION LOT 34A

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Topsoil	0	2	
Br. mica	2	16	
Br. Sandstone	16	23	
Tan Sandstone	23	35	
Gray mica	35	80	
Tan mica	80	85	✓
Gray mica	85	125	
Mica w/ quartz	125	140	
Gray mica	140	250	
Flint	250	275	
Gray mica	275	300	
Lt. Gray mica	300	340	
Gray mica	340	400	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 12 NO. OF POUNDS 1200
 GALLONS OF WATER 60
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 35 ft.
 (Enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO
 STEEL CONCRETE
PL OT
 PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) 4
 Total depth of main casing (nearest foot) 40

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST BR HO
 STEEL BRASS OPEN HOLE
PL OT
 PLASTIC OTHER

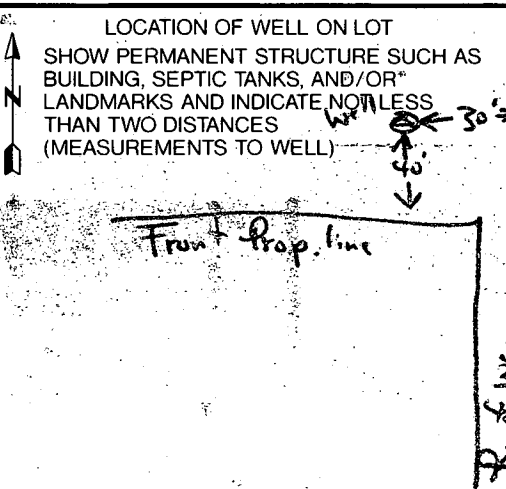
DEPTH (nearest ft.)
100 38 400
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.)
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 52
 WHEN PUMPING 122
 TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE 22 (nearest foot)
- below }



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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS IDENT. NO.
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Wesley K. Blaylock
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY

Dear Valley Rd