

PUB. SEWER STATUS VERIFIED BY _____

05-380693

ISSUE DATE: 3/23/79

APPROVAL DATE: 4/12/79

PERMIT INDEXED

P 29624
A REPAIR

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

_____ IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: The Heritage LOT NUMBER: 38

ADDRESS: 14221 Day Farm Road PROPERTY OWNER: Paul Borthwick

SEPTIC TANK CAPACITY (GALLONS): 1250

PUMP CHAMBER CAPACITY (GALLONS): _____

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	_____
PURPOSE:	_____

PLANS APPROVED: _____ DATE: 3/23/79

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 29624

~~4/12/79~~
~~4/12/79~~
~~4/12/79~~
4/12/79

Approved 4/12/79
Changes
#29624

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 3/28/79

INDEXED

A 21882

Jim Brittingham

IS PERMITTED TO INSTALL ALTER

ADDRESS 3004 N. Rogers Avenue, Ellicott City, Md. 21843 PHONE 461-1870

SUBDIVISION The Heritage ROAD 14221 Day Farm Road LOT 38, Sec. 2

PROPERTY OWNER Floyd Grayson

ADDRESS 2001 Century Plaza, Suite 245, Columbia, Md. 21044 Phone: 997-1750

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SHOWN WHEN

FACING LOT FROM
DRAINFIELDS - The sewage disposal field will begin at a point 170 ft. from the front property line and 20 ft. from the right property line as seen from the road. The invert will enter the field at 3 ft. below original grade and the maximum trench depth will not exceed 6 ft. The trenches will have a total combined length of 160 ft., with no trench to exceed 40 ft. in length. Each trench will be 2 ft. wide, contain 30 ft. of stone and run parallel to each other, spaced 12 ft. apart center-to-center, INM. The trenches will follow the contour of the land.

PLANS APPROVED BY Robert T. Moorefield DATE 2/19/77

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 18 FOOT IN DIAMETER.

NOTE ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED

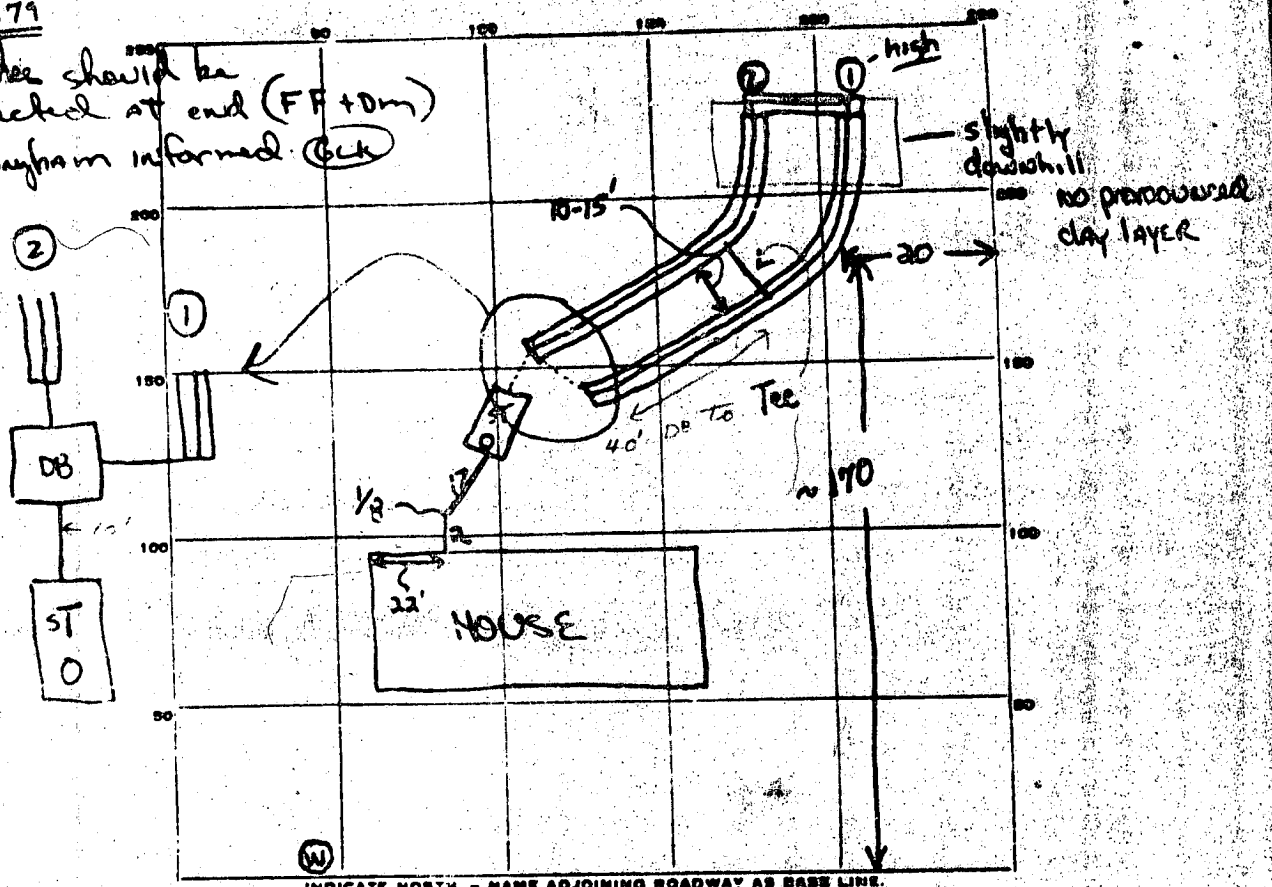
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 21882

14221 DAY FARM ROAD

4 Apr. 79

Trenches should be connected at end (FF + DM)
 Brittingham informed. (GLK)



PERMIT CARD Brittingham
 4/18

SEPTIC TANK, LEVEL 1250 tapered CLEANOUTS ST terra cotta

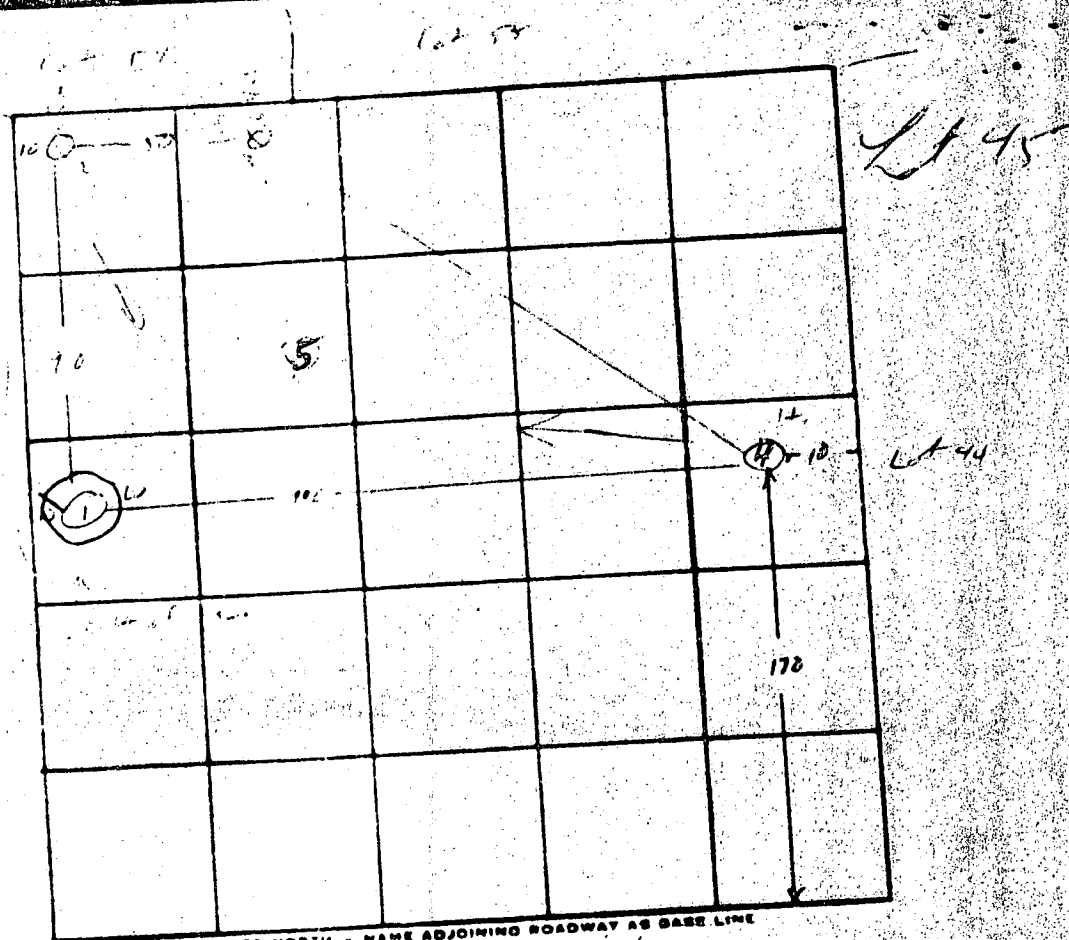
DISTRIBUTION BOX, LEVEL 2x2x1 need baffle - OK

TILE FIELD, DEPTH 6 1/2 FT. TRENCH WIDTH 2-2 1/2 FT.
 GRAVEL DEPTH 3 TOTAL LENGTH 1:190 FT. ± 200
 NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 600
 SEEPAGE PITS, INSIDE DIAMETER Na FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA 600 SQ. FT.

REMARKS 4 Apr. 79 - Specifications previously revised in field by JF/DM. Trench blown-out to 3-4' width in parts - last 30' of each trench slightly downhill. Beginning portion of trench should have invert at 2-3' below O.G., and by keeping distrib. pipe level, approx. 1' below O.G. AT TRENCH END. LEAVING 4-5' stone under pipe. Instructed Brittingham not to allow pipe to rise above O.G. (last 20'-30' of trench may not be piped), to position TEE-connection to feed upper trench (1) first, to call when gravel, cleanouts, sewers installed (GLK)

DATE SYSTEM APPROVED 4/18/79 INSPECTOR [Signature]

1-11
 0
 12
 (4) more
 Lot 44



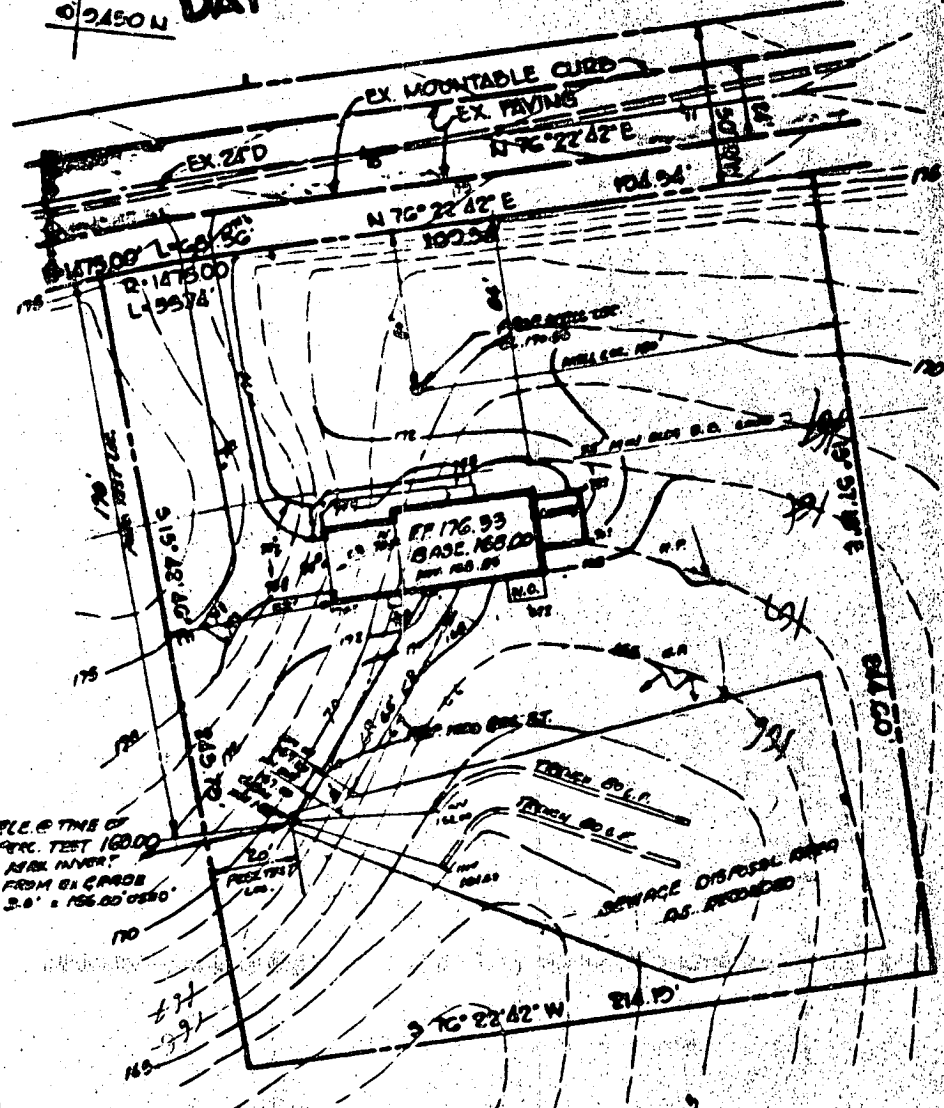
DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
4/25	1	5	11:25	11:30	water at 10'		
	1A	11	11:25	11:27	11:27	11:36	9
	2	5					10
	2A	12					15
	4	11	11:33	11:37	11:37	11:45	8
	4A	11	11:37	11:38	11:38	11:48	10
	3	5					11
	3A	12					15
	1B	7	10:52	11:02	11:02	11:05	3
	2	2	11:12	11:21	11:24	11:36	11
5/8	2	2	11:23	11:25	11:25	11:28	11
	12	12					

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY P. M. ALSO PRESENT: _____

3100 E
3150 N

DAY FARM ROAD

3100 E
3100 N



11/27/78
App'd
D.W. M. / p...

DRAWING
UNDER CON'T.

ELEV. @ THIS CP
PERC. TEST 160.00
RISK INVERT
FROM EX. CATCH
5.6' x 156.00' USED

*NOTE BASEMENT ELEVATION
NOT SHOWN BY GRADY*

House type 'AUBURN'

3100 E
3100 N

ON SITE GRADING PLAN FOR THE HERITAGE SECTION I, AREA 2 LOT 98

3RD ELECTION DISTRICT
SCALE: 1" = 50'

HOWARD COUNTY, MARYLAND
DATE: 5/28/78

GRAYSON HOMES
BUILDER - OWNER
FLOYD GRAYSON JR. PHONE 557-5712 RES.
2000 CENTURE PLAZA BUILDING 557-1250 OFF
COLUMBIA, MARYLAND 21046

DATE 5/28/78 REVISED
HOUSE PLAN

SITE INSPECTION SHEET

OWNER: Nogam/Borthwick

DATE REQUESTED: _____

ADDRESS: 14221 Day Farm
Glenelg, 21737

DRILLER/CONTRACTOR: _____

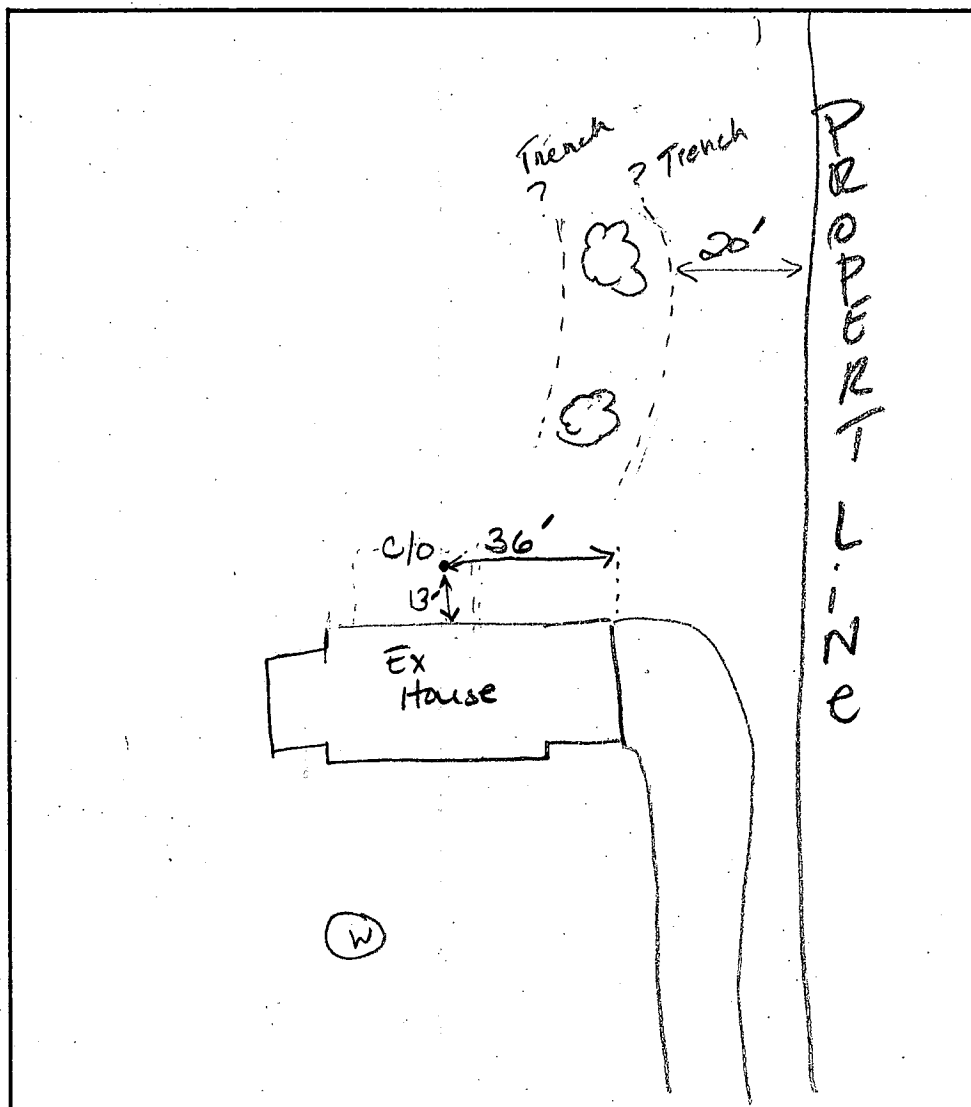
~~WELL TAG NUMBER:~~ _____

TAX & PARCEL: 21, 178

COUNTY: _____

PROPOSAL: BP-Deck

LOCATION DIAGRAM



4/29/02
COMMENTS: Septic TANK Cleanout is directly under
the deck (K6) CALLED 3:25 - left message (K6)

DATE: 4

INSPECTOR: _____

14221 Day Farm Road
Glenelg, MD 21737
(410) 489-5995
rpborthw@yahoo.com

May 21, 2002

Mr. Frank Skinner
The Bureau of Environmental Health
3525 Ellicott Mills Drive
Suite H
Ellicott City, Maryland 21043

Subject: Application for Building Permit Number B00135641

Dear Mr. Skinner:

On November 15, 2001, we purchased our home located at 14221 Day Farm Road, Glenelg, Maryland. At that time, the home inspector informed us that the existing deck on the rear of the house was unsafe and needed to be replaced. In early March 2002, we contracted with Frontier Deck Builders to execute the needed replacement. In late April we were surprised to learn that the permit for this construction was rejected as the plans placed the deck too close to the septic tank. This was a great surprise to us since the replacement deck was very similar in location and size to the existing deck. A representative from your office, Ms. Kacie Noonan, visited our home and informed us that the existing deck was illegal. As you can see from the enclosed photographs, the layout of our house includes two sliding glass doors on the rear of the house several feet above the ground. This setup does not make having a deck an option but a requirement.

From what we understand, the regulation regarding the distance of the septic tank to any structure exists to ensure that a septic tank can be serviced and ultimately replaced when necessary. In an effort to determine whether our tank could be serviced and/or shut down and replaced when necessary, we contacted a local septic service provider. Although the septic tank was operating normally and appeared to be in good working order, on May 6th we had the tank pumped and inspected by Jack Fyock Septic Service, Inc of Glenelg, Maryland (see photos enclosed). By doing so, we ensured that servicing and accessing the tank in its current location was not a problem. The technician who performed this service said that the tank was functioning normally and appeared to be in good condition. It should also be noted that the deck is 5-6 feet off the ground at its lowest point and this fact made the servicing of the septic tank routine. The planned deck is of equivalent height.

We have studied the sketches provided by the county, and verified the location of the waste water outlet from the home as well as the location and position of the septic tank. Although the tank is clearly within 10 feet of both the existing and planned deck, the location of the deck is not an impediment to routine servicing and would not be an impediment if excavation and securing of the existing tank were necessary. Supporting our assertion are drawings of: 1) the rear of the house showing locations of the waste water outlet and septic tank with respect to the same datum shown on the county drawing dated 4/4/79; 2) the location of the previous/existing deck; 3) the intended replacement deck; and finally, 4) the approximate location of the footers (set to a depth of 32") for the replacement deck. As you can clearly see, given the location of the deck and its footers, as well as its height, there would continue to be access to the septic tank for servicing or unearthing as needed.

In light of these facts, we ask that you consider approving this permit. Should you require additional information before coming to a final decision, we would be happy to meet with you or a representative from your office to discuss this matter further, either in Ellicott City or at our home. In advance we would like to thank you for your attention to this matter.

Sincerely,



R. Paul Borthwick, Ph.D.
and Grace Nogan

528-02
OAK release B.P.
For replacement tank

Enclosures (7)

Plan View: Rear of 14221 Day Farm Road w/ Intended Replacement Deck

