



The Schultheis Family 14180 Forsythe Road Sykesville, Maryland 21784

Mark E. Rifkin, R.S.
Water and Sewage Program
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, Maryland 21043-4544

Dear Mr. Rifkin:

Our recent telephone conversation indicated your willingness to issue a permit for the proposed addition B00116407 at 14180 Forsythe Rd. You indicated that you would be willing to help us locate the drywell and offer an evaluation of its function after construction of the addition. This would work out best for us during the colder months. I look forward to meeting you personally when you come to visit our home.

Sincerely,

Lex Schultheis

4/25/99



Sent by Fax
to addressee
MR 4/2/99

HOWARD COUNTY HEALTH DEPARTMENT

Mary Sue Baker, MBA, Acting County Health Officer

April 2, 1999

Dr. Lester Schultheis
14180 Forsythe Road
Sykesville, MD 21784

RE: Building Permit Application B00116407
14180 Forsythe Road
Proposed Addition, Deck, Carport

Dear Dr. Schultheis:

This is a followup to our conversation of this date. Attached is a schematic drawing of a standard septic tank-drywell layout. Standard drywell construction is as follows: At the center of a drywell is a ring structure built of cinder blocks or concrete rings. The pipe leaving the septic tank enters the drywell at a specified depth below grade (in this case 4 feet below grade, according to the property file). Just on top of the the pipe is a 4"-thick concrete lid. After the drywell and lid are installed, a cleanout pipe should be added and the site is backfilled with soil. Therefore, all parts of the drywell (other than any cleanout pipe) are covered with least 3.5 - 4 feet of soil.

Evaluation of the drywell would involve excavation to expose the top of the cleanout (if present) or the concrete lid, removal of a small 6" - 8" cap and evaluation of the drywell's remaining capacity based on measurement of the water level in the drywell. The total excavation is expected to be no deeper than 4 feet below grade. Unless the drywell is full or failing, at no time would sewage be expected to be exposed. If the drywell is full or failing, then a septic system repair (\$25 permit fee) would be expected.

A metal detector may help locate a cleanout. If none is available, a hand shovel may be useful. Use of a backhoe is the most certain option. This excavation can also be completed during the early stages of construction.

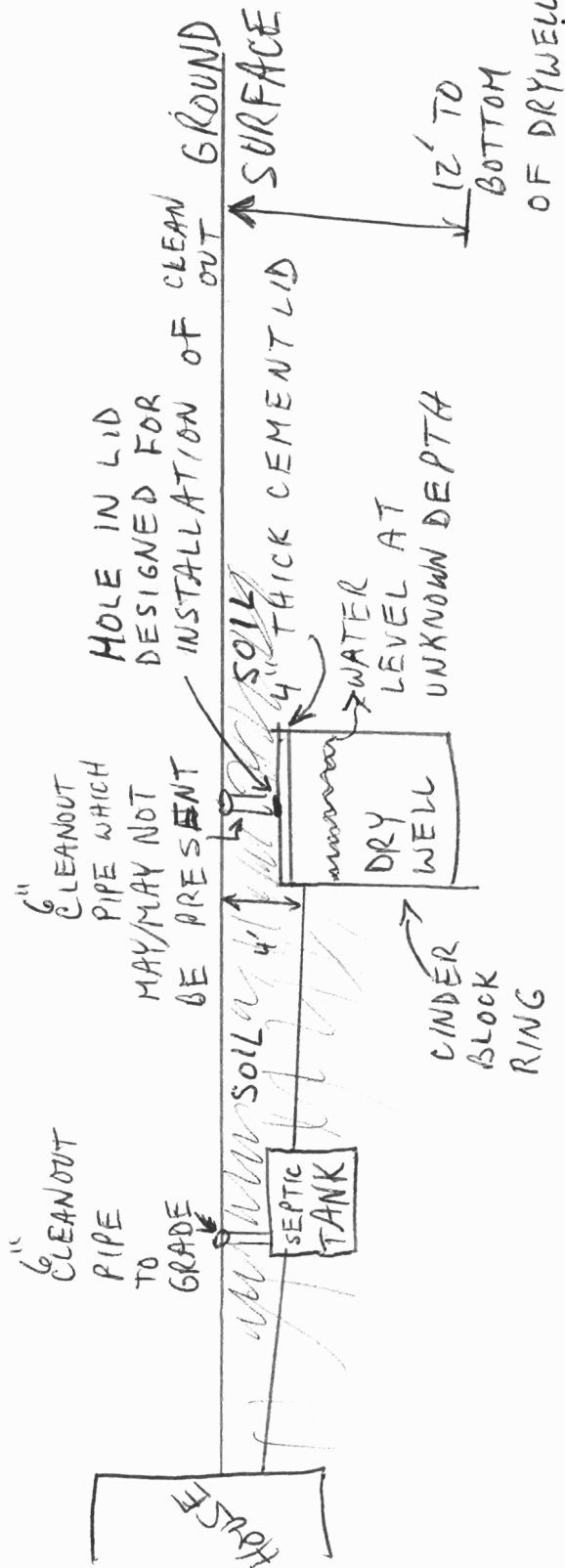
This should alleviate your concerns regarding drywell evaluation. Please call me at (410) 313-2640 to arrange a mutually agreeable conclusion.

Very Truly Yours,

Mark E. Rifkin, R.S.
Water & Sewerage Program

4/12/99+ T/C W/OWNER-EVENTUALLY
AGREED TO ~~ACCEPT~~ ^{APPROVE} ~~W/~~ CONTINGENT
ON WRITTEN COMMITMENT TO EVAL.
S.S. W/IN 6 MOS. & PAYMENT OF
MR \$25 REPAIR
cc: File MR

Your septic system layout / construction





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

March 23, 1999

Dr. Lester Schultheis
14180 Forsythe Road
Sykesville, MD 21784

RE: Building Permit Application B00116407
14180 Forsythe Road
Proposed Additional Bedroom, Deck, Carport

Dear Dr. Schultheis:

This office has received the above referenced building permit application, but cannot recommend approval at this time because of concerns about the capacity of the existing septic system.

The file for your property indicates that the septic system was installed in 1970. Since the anticipated life expectancy of a septic system is approximately twenty years, the system on your property would be expected to be at or near the end of its useful life. Therefore, the septic system would not be expected to be able to accommodate the potential increase in sewage flow from the increase in house capacity (represented by the proposed construction of one additional bedroom).

A Health Department recommendation for building permit approval indicates acceptance of the capacity of the septic system to accommodate the current and potential sewage flow demand which would be placed upon it. This recommendation is not appropriate at this time given the system's age. Installation of additional capacity via a suitable septic system repair (permit fee \$25) would alleviate these concerns.

Please contact this office at (410) 313-2640 if you have any questions or to arrange permit issuance.

4/2/99
T/C (MR) w/OWNER - SUGGESTING ~~REPAIR~~ FIELD EVALUATION
OF EX. D/W @ TIME OF CONST. -
OWNERS TO REVIEW & CALL BACK
Very Truly Yours,
Mark E. Rifkin
Mark E. Rifkin, R.S.
Water & Sewerage Program

MR

cc: Department of Inspections, Licenses & Permits
File