

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-312139

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

INDEXED

P 513196

A 58979

DISTRICT \_\_\_\_\_

DATE 12/27/1999

DATE SYSTEM APPROVED 4/3/00

INSPECTOR DRS

REPLACEMENT DWELLING

(WILL HOPKINS)

Barnard Brothers Construction Company, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 4645 Brittle Branch Way, Woodbine, MD 21797 PHONE 410-489-7621

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ ROAD 14718 Dorsey Mill Road

PROPERTY OWNER William & Delane Smart

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS **INSTALL 2-1500 GALLON TOP SEAMED COMPARTMENTED HOLDING TANKS**

NUMBER OF BEDROOMS \_\_\_\_\_

\_\_\_\_\_ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

LOCATION - Place the holding tanks 65 feet off the 121.99' lot line and 150 feet off the rear (309.95') lot line as seen from the access off Dorsey Mill Road.

PLANS APPROVED BY Donna K. Soe OK SRK 12/3/99 DATE 11-09-1999

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.

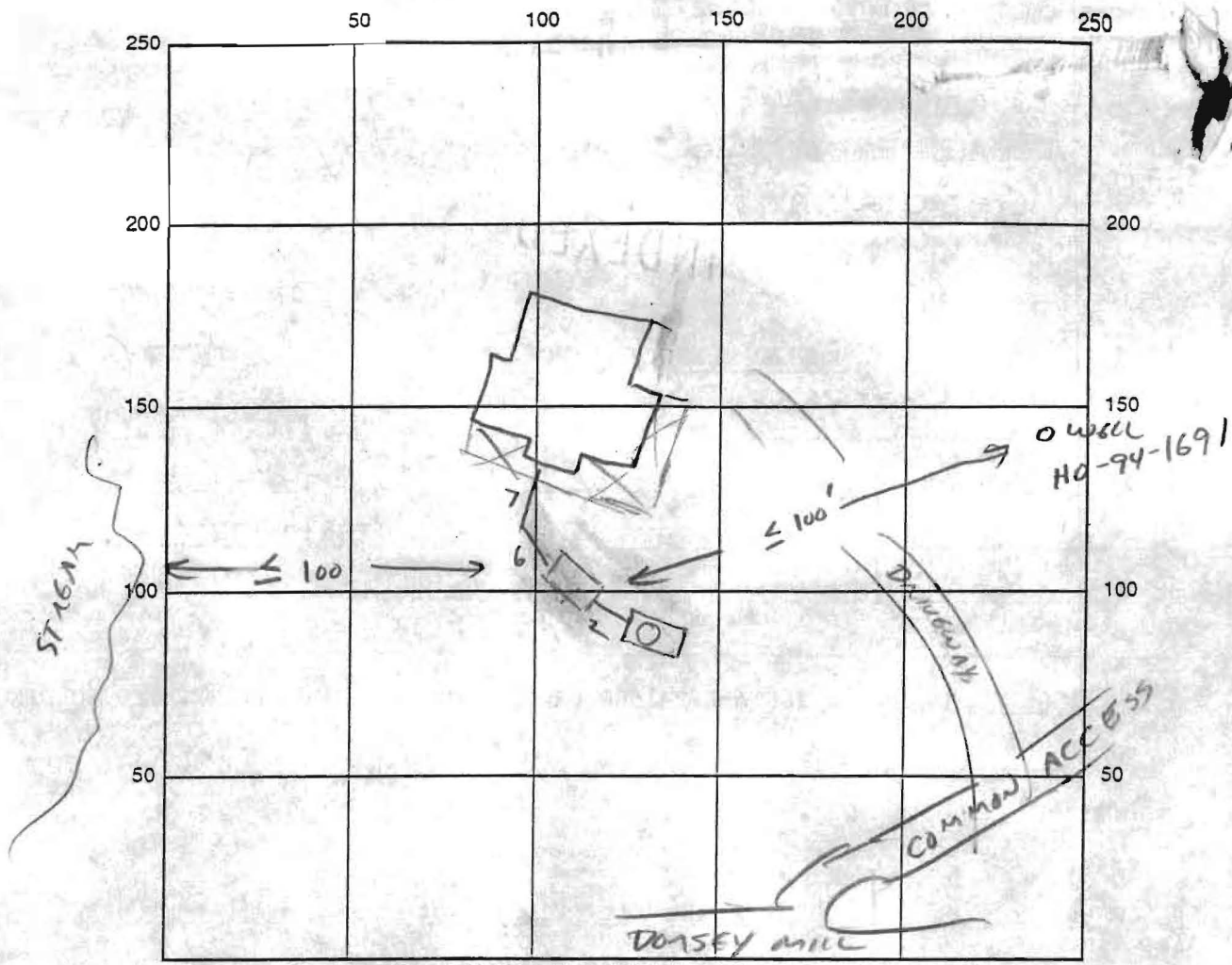
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

4520100

4520100

1/6/00  
KH Plumbing  
410-857-0265



HOLDING TANK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2 @ 1500 GAL CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL N/A

~~DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.~~

~~EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.~~

~~NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.~~

~~DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.~~

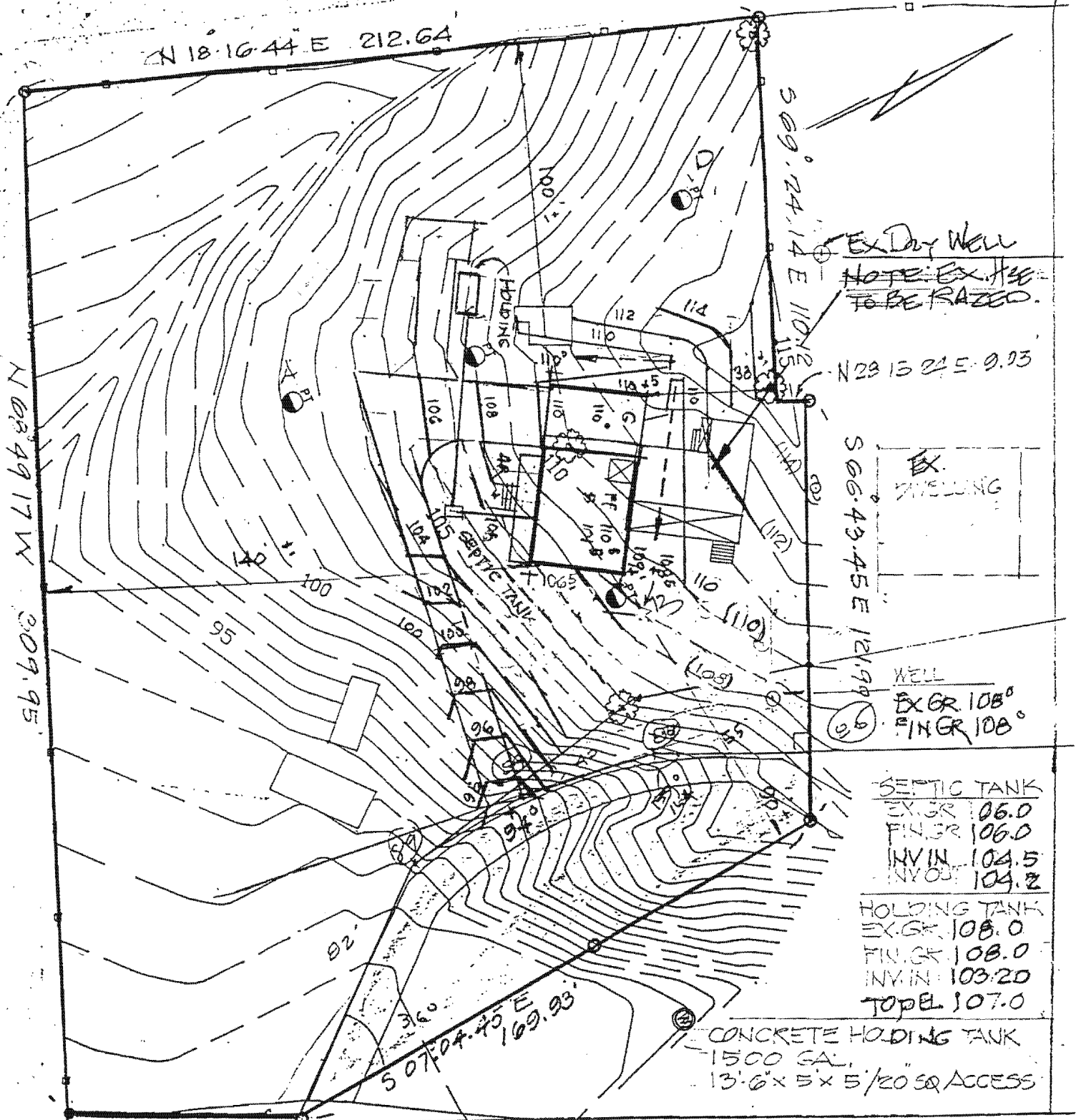
~~ABSORBENT AREA \_\_\_\_\_ SQ. FT.~~

REMARKS: 2/8/00 1ST TANK INSTALLED

2/10/00 2ND TANK INSTALLED - 1600 ALARM, (CW)

4/3/00 Alarm functioning properly - final inspection cc. DS

DATE SYSTEM APPROVED 4/3/00 INSPECTOR Sowa



EX DRY WELL  
 NOTE: EX. ASSE.  
 TO BE RAZED.

N 23° 13' 24" E 9.23'

EX DWELLING

WELL  
 EX GR 108°  
 FIN GR 108°

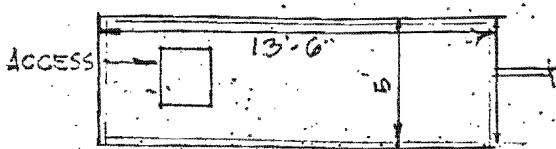
SEPTIC TANK  
 EX GR 106.0  
 FIN GR 106.0  
 INV IN 104.5  
 INV OUT 104.2

HOLDING TANK  
 EX GR 108.0  
 FIN GR 108.0  
 INV IN 103.20  
 TOP EL 107.0

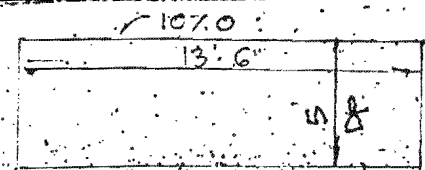
CONCRETE HOLDING TANK  
 1500 GAL.  
 13'-6" x 5' x 5' / 20" SQ ACCESS

SITE PLAN  
 14718 DORESY MILL RD  
 DISTR. HO. CO. MD.  
 JUNE 4, 1998 SCALE 1"=40'

JOHN C. MELLEMA SR. INC.  
 5409 EAST DR  
 BALTO. 21227  
 410-247-7483



PLAN: NO SCALE



SECT

CONC. SPEC  
 28 DAY COMPRESS - 4000 PSI  
 1/2" x 3/8" #10 GA. W/M  
 TOP & BOTT. OF TANK  
 WIRE MESH - plus #3 RODS  
 4" THICK WALLS



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HOWARD COUNTY HEALTH DEPARTMENT

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

October 1, 1998

TO: Elaine Smart  
15430 Roxbury Road  
Glenwood, MD 21738

FROM: Mark Rifkin *MR*  
Water and Sewerage Program

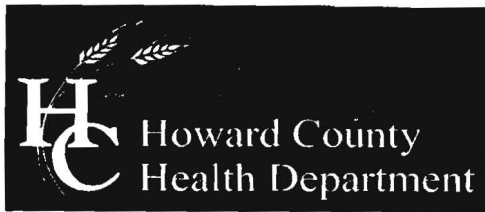
RE: 14718 Dorsey Mill Road

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the referenced property.

The original well has been properly abandoned by a licensed well driller.

No septic system is known to exist on the property.

MR



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

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Peter L. Beilenson, M.D., M.P.H., Health Officer

August 5, 2008

Bruce and Janet Montgomery  
14718 Dorsey Mill Rd  
Glenwood, Maryland 21738

RE: Septic system options for 14718 Dorsey Mill Rd

Dear Mr. Montgomery,

This letter is a follow up to the site visit completed by our office April 22, 2008 regarding the septic system possibilities for the referenced property. If you choose to pursue other septic options other than holding tanks, further testing during the wet season will be needed. Wet season occurs approximately between February and May. Given the septic limitations on your property, building improvements are restricted and will be reviewed on a case-by-case basis.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261. Information is available online at:

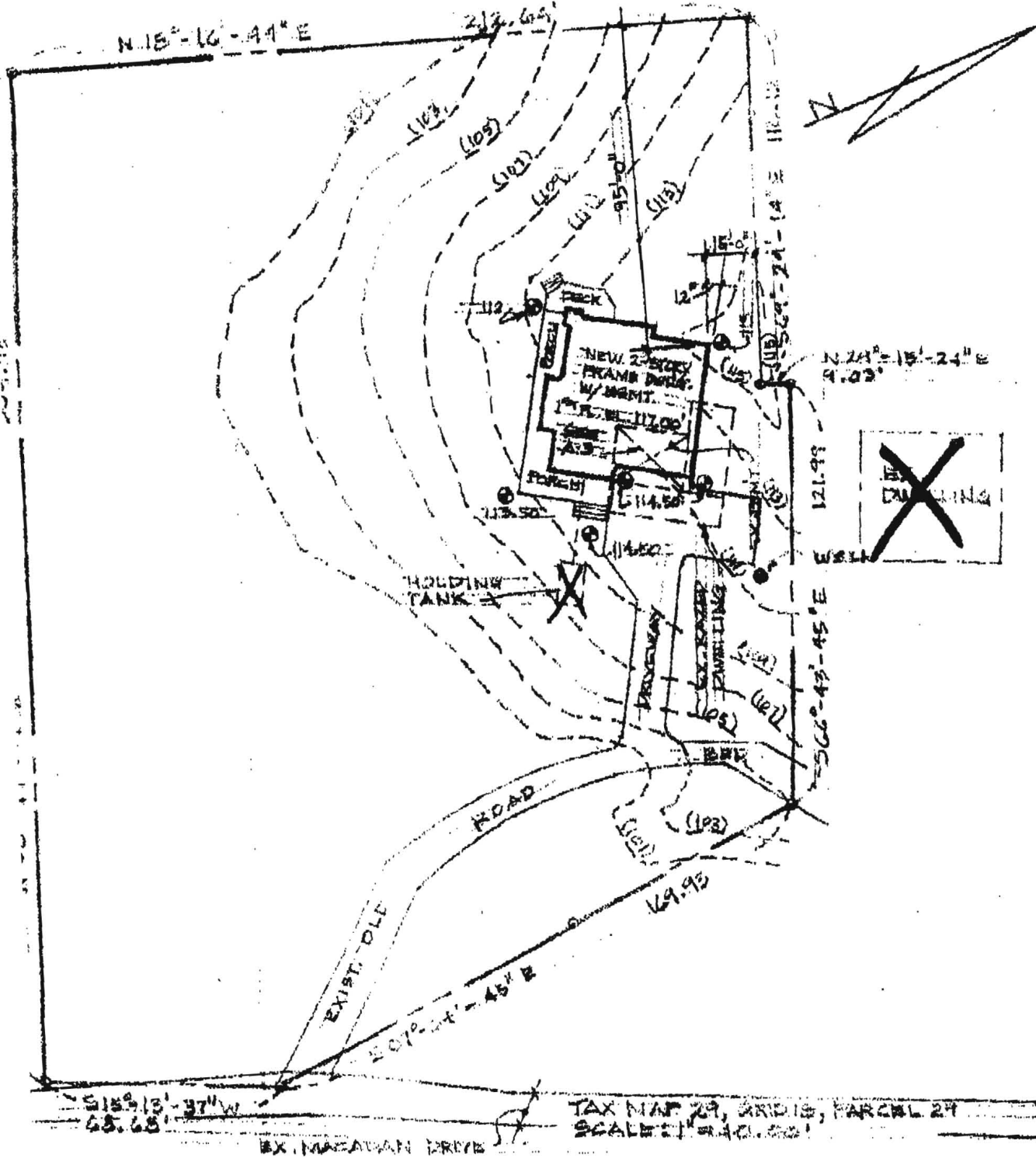
[http://www.howardcountymd.gov/Health/HealthMain/EnvironmentalHealth/EnvironmentalHealth\\_WaterSewerage.htm](http://www.howardcountymd.gov/Health/HealthMain/EnvironmentalHealth/EnvironmentalHealth_WaterSewerage.htm)

Sincerely,

Sara Sappington, R.S.  
Well and Septic Program  
Development Coordination Section

Att. AMY

Appollo New - SMART



**SITE PLAN - 14718 DEKSEY MILL ROAD, HOWARD CTY, MD 21738**

ALL DATA SHOWN ABOVE TAKEN FROM "BOUNDARY SURVEY & LINE OF AGREEMENT" DATED JANUARY 1998 AND "SITE PLAN" DATED JUNE 4, 1998 BOTH PREPARED BY JOHN C. NELLEMA TR., INC., LAND SURVEYORS, 5407 EAST DR., BALTO. CO., MD 21227 PH. 410-247-7488 FAX 410-247-2507.

# QUICK NOTE



July 21, 2000

Re: Apolloneo/Smart  
14718 Dorsey Mill Rd.

Background - existing house in disrepair, served by privy. No area on lot to install septic system to code (exactly 200' from stream to well at "best" part of property; no way to satisfy minimum separation criteria).

BP00120935 approved 11/9/99 for an "equivilent" replacement dwelling to be served by a holding tank.

Telephone call this date from Jeff, of Hatfield Septic, inquiring on behalf owner as to what type of repair system could be installed.

I explained to him that this office could not recommend any type of system when separation requirements could not be satisfied. The only option, if they wished to pursue this matter, would be to have a qualified consultant propose a system (with justification) that they felt would provide adequate protection ~~AND REQUEST~~ a waiver/variance to the separation requirement ~~Be~~ granted.

This suggestion is offered without any implication that the variance would be granted; it's just a comment on where & how they might try to proceed.

[Offsite options were not discussed because it is believed that there is no accessible location, but that would have to be confirmed as part of any proposal ~~FOR~~ AVARIANCE]

CW

Craig Williams, Sanitarian

7/21/00

FOLLOW-UP DISCUSSION  
WITH APOLLONEO'S 8/2/00



THEY WILL MAKE DETAILED  
PROPOSAL FOR CONSIDERATION



**LINEMARK PRINTING INC**

1220 Caraway Court, Suite 1040, Largo, MD 20774  
301.925.9000 ■ Fax: 301.925.8852 ■ www.linemark.com

**From:** "Bruce G. Montgomery" <bruce.montgomery@syntonicscorp.com>  
**To:** Stuart Oster <SOster@howardcountymd.gov>, Sara Sappington <SSappington@howardcountymd.gov>  
**Date:** 4/14/2008 4:35:19 PM  
**Subject:** Re: Possible Upgrade to Septic System at 14718 Dorsey Mill Road

Stuart -- Does your office's file from the original construction review provide any percolation results? If yes, how can I get a copy? Current test results must accompany any new application, I'm sure, but old results will still help guide the preliminary system design.

Sara -- Is one of the BAT systems at [http://www.mde.state.md.us/Water/CBWRf/osds/brf\\_bat.asp](http://www.mde.state.md.us/Water/CBWRf/osds/brf_bat.asp) necessarily part of the system design, or just if I want to apply for a grant from the Bay Restoration Funds? Are these BAT systems already in general use or does the County consider them somewhat experimental? (I'm not against an experimental system, I just want to understand what I'm getting into.)

Regards,

Bruce Montgomery

---

Bruce G. Montgomery, President  
Syntonics LLC: Communication Technologies in the RF Domain  
9160 Red Branch Road  
Columbia, MD 21045-2002  
410-884-0500 x201 (direct)  
410-913-2907 (mobile)  
410-884-0536 (fax)  
<http://www.SyntonicsCorp.com>

On Apr 11, 2008, at 1:06 PM, Stuart Oster wrote:

> Bruce, we do have a file on your property. You may also want to  
> contact MDE for the Bay Restoration Fund for Onsite Sewage Disposal  
> Systems and their website [www.mde.state.md.us](http://www.mde.state.md.us) The contact person  
> is John Boris 410-537-3678

>

> Stuart F. Oster, R.S.  
> Groundwater Management Section  
> Well & Septic Program  
> Bureau of Environmental Health  
> Howard County Health Department

>

>

>

>

>>>> "Bruce G. Montgomery" <bruce.montgomery@syntonicscorp.com>

>>>> 4/11/2008 12:05 PM >>>>

> Stuart -- Thanks for the information; here is my daytime contact  
> information.

>

> Ms. Sappington -- I recently purchased 14718 Dorsey Mill Road in  
> Glenwood and am beginning to research what, if any, options may exist  
> to upgrade its septic system. The question is on my mind because we  
> are considering adding an in-law suite for my wife's elderly parents.

- > (The County call these "accessory apartments," I think.)
- >
- > The house was built in the 1999-2000 timeframe with two holding tanks
- > (only), which are periodically emptied. No construction records
- > whatever have made it to my hands, so I cannot reconstruct why this
- > septic technique was selected, although your office's file from the
- > original construction might shed some light on what approaches were
- > considered at the time.
- >
- > Can your office suggest what septic technology(ies) I should research
- > and consider?
- >
- > Regards,
- >
- > Bruce Montgomery
- >
- > 

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- >
- >
- >

**From:** "Bruce G. Montgomery" <bruce.montgomery@syntonicscorp.com>  
**To:** <SOster@howardcountymd.gov>, <SSappington@howardcountymd.gov>  
**Date:** 4/11/2008 12:05:21 PM  
**Subject:** Possible Upgrade to Septic System at 14718 Dorsey Mill Road

Stuart -- Thanks for the information; here is my daytime contact information.

Ms. Sappington -- I recently purchased 14718 Dorsey Mill Road in Glenwood and am beginning to research what, if any, options may exist to upgrade its septic system. The question is on my mind because we are considering adding an in-law suite for my wife's elderly parents. (The County call these "accessory apartments," I think.)

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Regards,

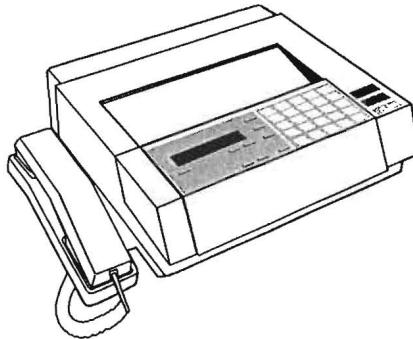
Bruce Montgomery

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Bruce G. Montgomery, President  
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410-884-0536 (fax)  
<http://www.SyntonicsCorp.com>

*Peter L. Beilenson, M.D., M.P.H., Health Officer*

**F A X**



Date 4/15/08  
To Bruce Montgomery  
Department Syntonica  
FAX # 410-884-0536

From Sara  
Telephone 410-713-4261 FAX (410) 313-2648

# Of Pages 2 (including cover page)

Comments rite plan Dorsey Mill rd  
- well + stream + house setbacks need  
to be maintained - possible area ~~circled~~  
circled in dark black.

**CONFIDENTIALITY NOTICE**

**"WARNING: UNAUTHORIZED INTERCEPTION OF THIS TELEPHONIC COMMUNICATION COULD BE A VIOLATION OF FEDERAL AND MARYLAND LAW"**

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Kim  
page 1 of 2

**HOLDING TANK EXEMPTION CERTIFICATE APPLICATION**

Provide the following information in full and submit the completed application to:

Compliance Monitoring Coordinator  
Little Patuxent Wastewater Treatment Plant  
8900 Greenwood Place  
Savage, Maryland 20783

APPLICANT'S NAME (1) Appaltores Residence

ADDRESS: 14718 Derby Mill Rd  
Glenwood, Md 21758

TELEPHONE NO. 410 442 3730

HOLDING TANK SIZE 4000 GALLONS

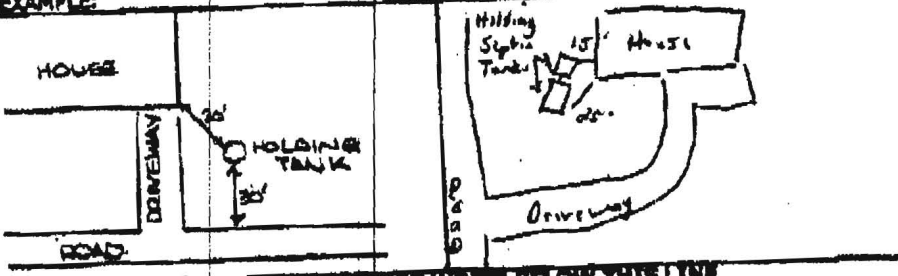
Describe source(s) of waste discharged to holding tank:

Sewage - household

Provide frequency at which holding tank is emptied by waste hauler 2/month  
(Example: 1 time/week, 2 times/month, etc)

Provide sketch below showing holding tank location:  
EXAMPLE:

PUT YOUR SKETCH HERE:



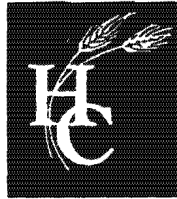
DO NOT WRITE BELOW THIS LINE

NOTE: (1) Applicant must be property owner.

APPROVED  DENIED BY HEALTH DEPT.  
REVIEWER: [Signature] DATE: 10/27/00

IF DENIED, STATE REASON: \_\_\_\_\_

Division of Water Reclamation  
410 880 5810 Fax 410-880-5812



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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

May 15, 2001

Mr. Apolloneo  
14718 Dorsey Mill Road

Re: 14718 Dorsey Mill Road

Dear Mr. Apolloneo:

The construction of the replacement dwelling on the above referenced property was approved only after agreement and complete understanding by Julia Apolloneo, that the only option for sewage disposal was a holding tank. This was acknowledged by Julia in a letter dated June 23, 1998. Due to required setback distances (100 feet to streams and your well), there is no type of septic system that this office could recommend other than a holding tank.

Should you wish to pursue alternative types of septic systems, I would suggest you contact a professional consultant to evaluate your site and propose a system that could be proven to provide adequate groundwater protection. There are two consultants in this area that may provide you some assistance; American On-Site Controls, Inc. (703-754-0077) & Geoflow, Inc. (800-828-3388).

Sincerely,

Amy Mc Millen, Program Director  
Water & Sewerage Program

ALM:alm

921  
www 09

N 18.16.44 E 212.64

N 68.49.17 W 309.95

S 69.24.14 E 110.15

56911  
EX DAY WELL  
NOTE: EX. ASSE.  
TO BE RAZED.

N 28.15.24 E 9.93

S 66.43.45 E 121.99  
EX. DWELLING

WELL  
EX GR 108.0  
FIN GR 108.0

SEPTIC TANK  
EX GR 106.0  
FIN GR 106.0  
INV IN 104.5  
INV OUT 104.2

HOLDING TANK  
EX GR 108.0  
FIN GR 108.0  
INV IN 103.20  
TOP EL 107.0

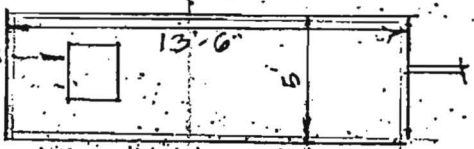
CONCRETE HOLDING TANK  
1500 GAL  
13'-6" x 5' x 5'/20 SQ ACCESS

S 15.13.37 W 63.63

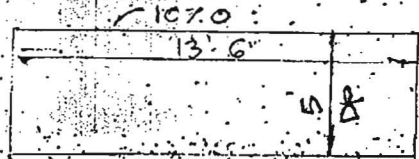
S 07.04.45 E 169.93

JOHN C MELLEMA SR. INC.  
5409 EAST DR  
BALTO. 21227  
410.247.7433

SITE PLAN  
14718 DORESY MILL RD  
DISTR. HO. CO. MD.  
JUNE 4, 1998 SCALE 1"=40'



PLAN NO SCALE



SECT

CONC. SPEC  
28 DAY COMPRESS - 4000 PSI  
1/6 X 5 #10 GA. W/M  
TOP & BOTT. OF TANK  
WIRE MESH - #3 ROD  
4" THICK WALLS