



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

Jan. 3

TEST DATE(S) _____ TEST TIME _____ A/P 525672

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

*~3' to top of cap.
cinder block
under hole.
rubber seal
cap block
to post. pipe
- jet pump. 3 below.*

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Larry Phebus

DAYTIME PHONE ~~410 313 5084~~ 410-489-7354 CELL _____ FAX _____

MAILING ADDRESS 2942 Florence Rd Woodbine Md 20701
STREET CITY/TOWN STATE ZIP

APPLICANT Hofffield's Equipment - Jeff

DAYTIME PHONE 301 854 6172 CELL 410 984 0101 FAX _____

MAILING ADDRESS PO Box 519 Annapolis Junction Md 20701
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 2942 Florence Rd LOT NO. _____

PROPERTY ADDRESS 2942 Florence Rd Woodbine
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE 1 AC

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Kenneth P. Hofffield
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

REMARKS _____

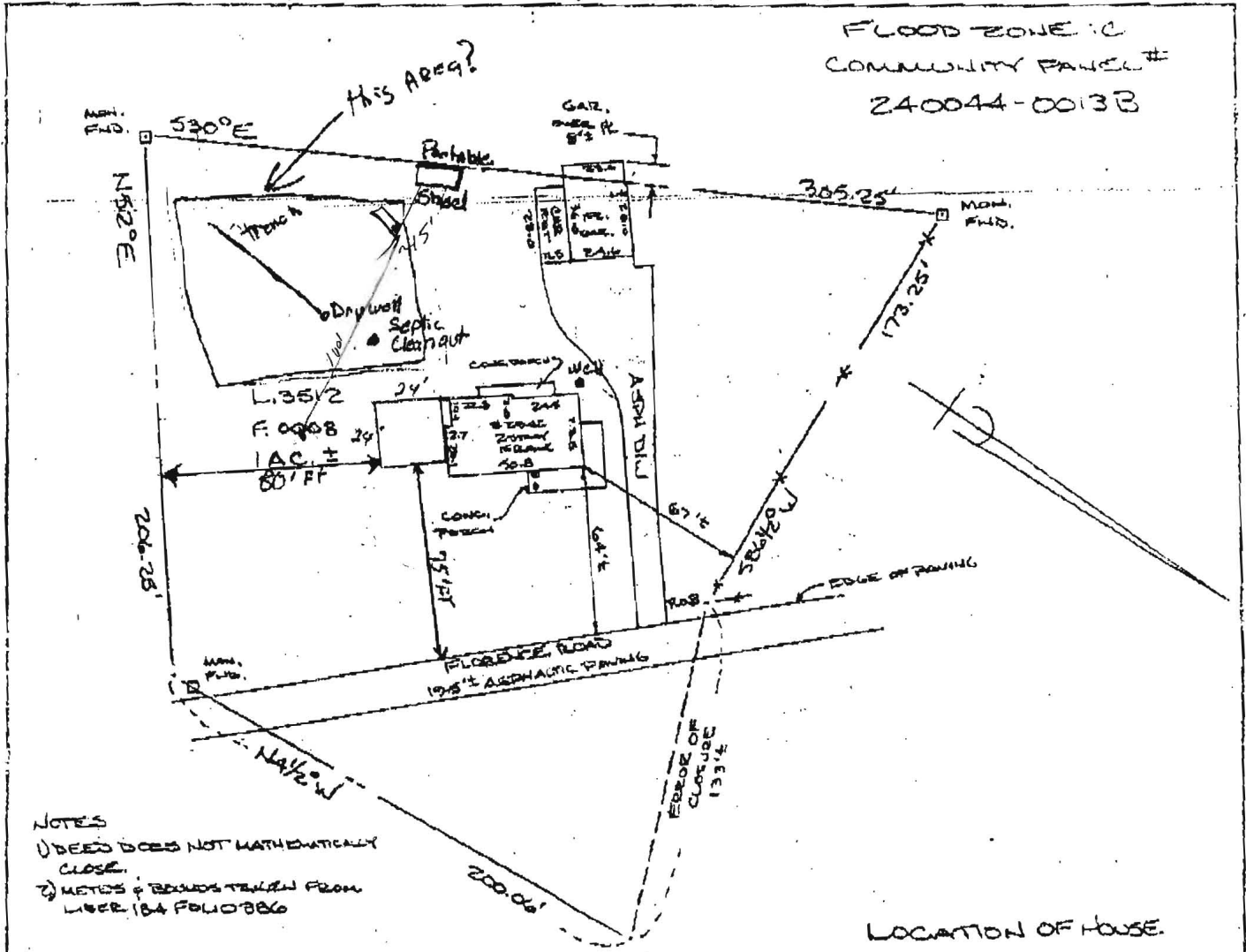
SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

P21609

NOTE: This location for title purpose only — not to be used for determining property lines. Property corner Markers Not guaranteed by this location.



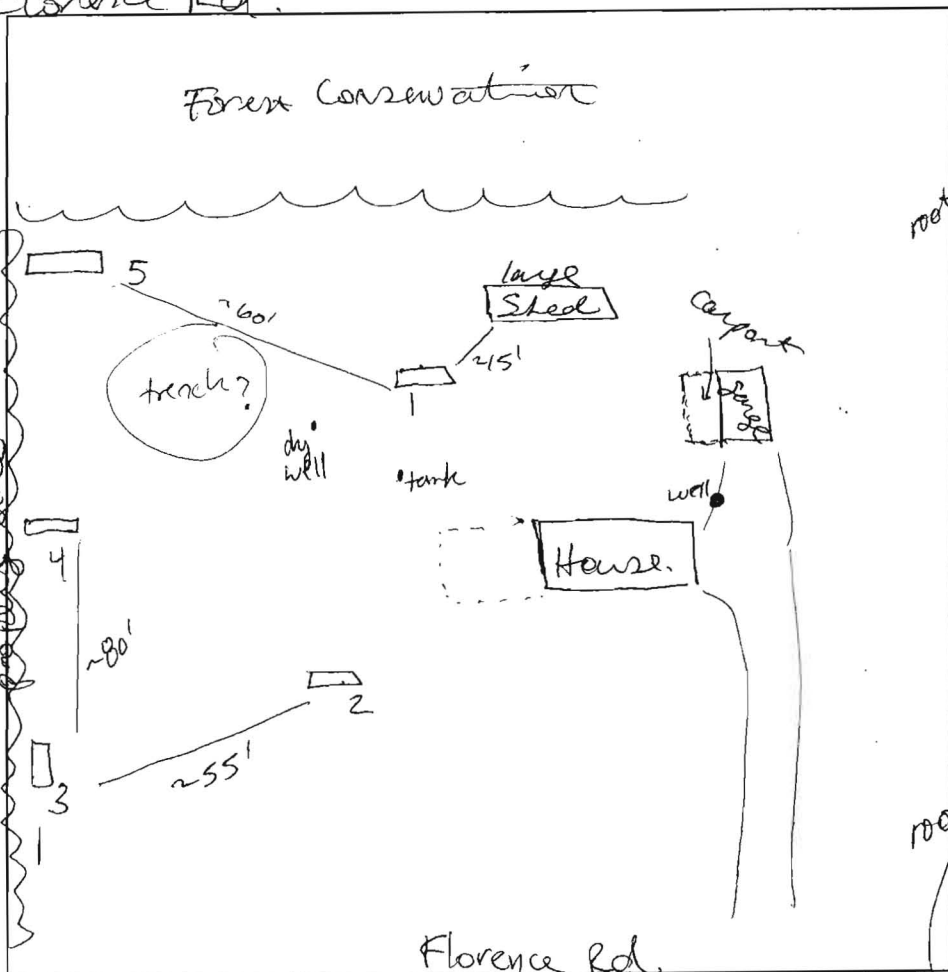
NOTES
 1) DEED DOES NOT MATHEMATICALLY CLOSE.
 2) METES & BOUNDS TAKEN FROM LIBER 184 FOLIO 886

LOCATION OF HOUSE.
 LAND CONVEYED TO
 L.S. P. A. PHEBUS
 #2942 FLORENCE ROAD
 FIBER 3512 FOLIO 0008

work Phone 410 313-2084
 Phone 410 489-7354
 Lanny Phebus 2942 Florence Rd of Woodbine Md
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



CERTIFICATE I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments, if any. TITLE REPORT NOT FURNISHED	REFERENCES PLAT BK. PLAT NO. LIBER 3512 FOLIO 0008	ZENITH SURVEYS SURVEYING • PLANNING 200 DILL AVENUE • FREDERICK, MD. 21701 301-831-1944 DATE OF SURVEYS WALL CHECK HSELOC 6-1-98 BOUNDARY	SCALE 1" = 60' DRAWN BY: WJHY JOB NO: 98-845
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1' brown l
1 1/5' yellow brown sand
red brown silt sbk phyllite channery 25-30%

3 1/2" multicolored spherulite fine ss micaceous ± 35% gravel channery
6' red brown multicolored spherulite
13' ss channery flabby

1' brown l gr
1' brown gr silt
3' brown silt 40% shale w/ pockets spherulite
40.5' brown fine ss 60% shale weathered shale
13' 80% shale

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
1/3/06	1	6'5" / 13'	10:28	10:47			F
		@bottom	10:29	10:48			
	2	6'5" / 14'	9:46	10:01	10:14	13	P
		@bottom	9:46	9:48			
	3	6'5" / 14'5"	10:57	11:03	11:13	10	P
		@bottom	10:57	11:03			
	4	6' / 12'	11:39	11:43	11:49	6	P
		@bottom	11:39	11:43			
	5	6' / 13'	10:16 / 10:32	10:17 / 10:34	10:18 / 10:30	2	P
		@bottom	10:17	10:19			

3
brown l sbk
brown silt heavy silt 25-30% channery gravel
4' multicolored fine ss 20% spherulite phyllite
6' yellow brown ss 40% channery phyllite
14'5"

4
brown l sbk
yellow brown silt / heavy silt channery / phyllite
brown fine ss 15% phyllite channery
3' heavy multicolored ss
4' brown ss 30% channery phyllite
5' 40% channery
12' bottom floor phyllite

5
brown l gr
1' red brown silt ss
3' red brown heavy oil gr
6' brown silt 40% shale weathered shale
13' 50% shale
13'

REMARKS #4 EA 5'
SANITARIAN SF/AT BACKHOE Hatfields OTHERS L. Phelan owner
TEST HOLES USED IN SDA _____ AVG. PERC TIME 8 SQ. FT/BR 0.8
TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 6 EFFECTIVE SW NONE
3 bedrooms Keep a 25' radius around hole #1

545

146.50'

9-11-96 PORCH FOOTERS + SLAB
NO IMPACT TO WELL
OR SEPTIC, OK TO PROCEED
J.H. Smy

540

WATER WELL

EXIST. ELEV
540

20' well

slab

FF 536
BASE 528

22'

ELEV 527.5

21'

EXIST. ELEV. 532.

SEPTIC
TANK

INN. ELEV. 526.5

530

22'

58.75'

EXISTING GRADE

286.5

NOTES:





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

Penny E. Borenstein, M.D., M.P.H., Health Officer

January 9, 2007

Larry Phebus
2942 Florence Rd
Woodbine, MD

RE: PERCOLATION TEST RESULTS – A#525672
2942 Florence Rd

Dear Mr. Phebus:

Percolation testing conducted January 9, 2007 on the referenced property indicated both satisfactory and unsatisfactory soil conditions. Limiting factors influencing soil conditions included compacted soil material and >50% rock. Copies of the test results are enclosed. In addition, the existing well on the property must be brought up to current code by a licensed well driller. Building permit approval is contingent upon an approved percolation certification plan and notification indicating the well meets current code.

Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) Proposed house site (55' x 70') or footprint, including building restriction lines as determined by other County agencies, and driveway location
- 3) Existing and proposed property lines
- 4) Location of existing septic system and well sites.
- 5) Proposed SDA
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 8) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 9) A note stating, "Existing well to be brought up to current code prior to building permit approval"
- 10) A MDE sewage disposal area statement "This area designates a private sewage disposal area as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have authority to grant adjustments to the private sewage disposal area."
- 11) MDE minimum lot width statement
- 12) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 13) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 14) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review
- 15) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'

- 16) A Health Officer's signature block stating "approved for private water and private sewer systems"
- 17) Professional seal or signed statement that "I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
- 18) Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, percolation certification plan etc
- 19) Name, address and telephone number of each owner, developer and the plan author.
- 20) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

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

Sincerely,

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

LEGEND

- ORIGINAL PASSED PERC TEST
- FIELD LOCATED AUGER TEST HOLE
- Failed Perk Hole
- PROPOSED ADDITION



1. SITE ADDRESS: 2942 Florence Rd Woodbine MD 21797
2. EXISTING ZONING
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. AREA OF PROPOSED SEPTIC EASEMENT SQUARE FEET



THIS AREA DESIGNATES A MINIMUM 9,516 SQUARE FOOT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

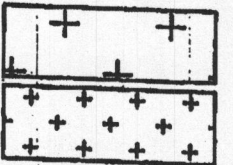
EXISTING WELL



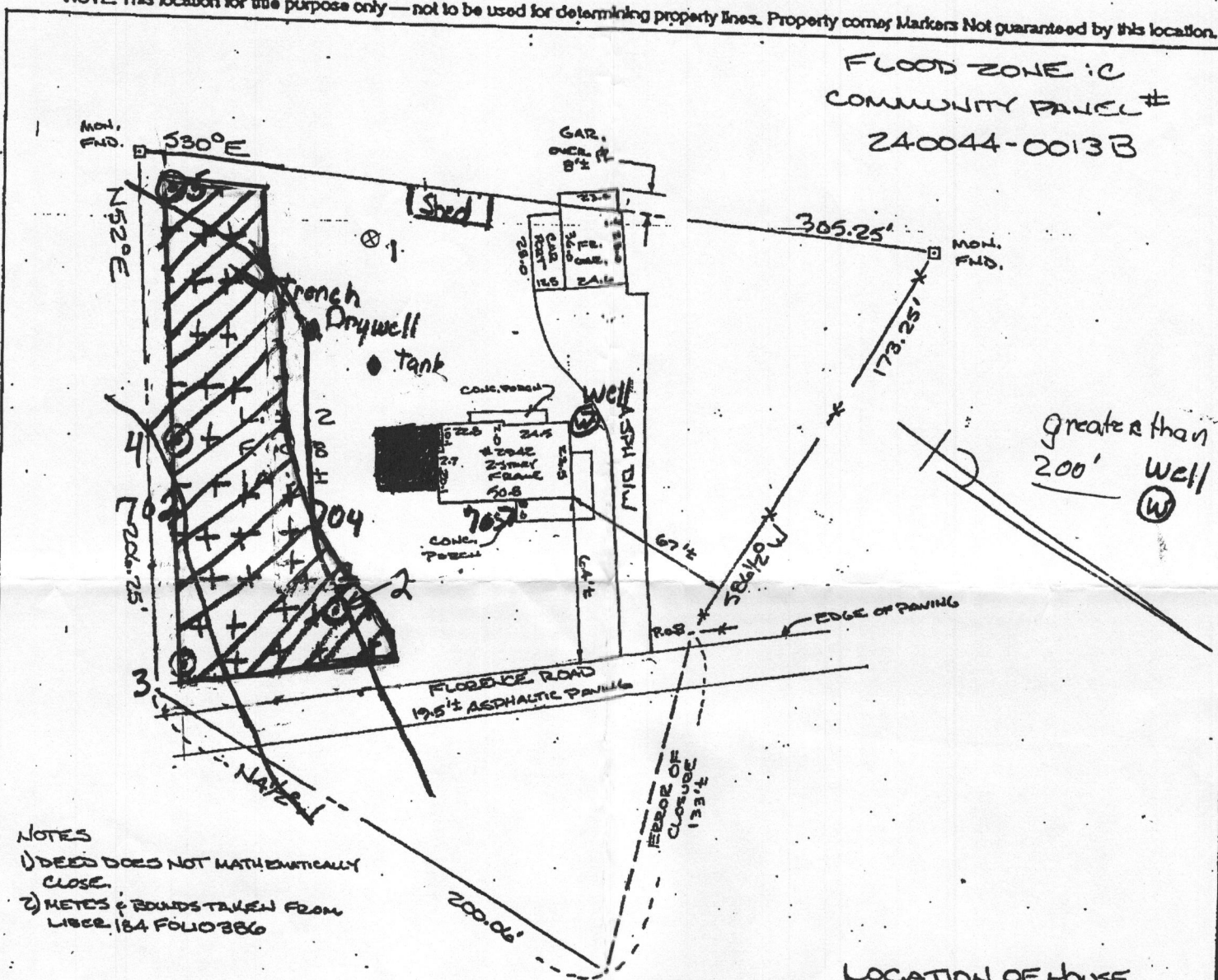
7. TOPOGRAPHY SHOWN HEREON IS FIELD RUN AND VERIFIED BY MARKS & ASSOCIATES ON DECEMBER 11, 2006.

8. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL SEPTIC SYSTEMS, WELLS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF BOUNDARY LINES HAVE BEEN LOCATED.

SDA GAINED: SQUARE FEET
SDA LOST: SQUARE FEET



NOTE: This location for title purpose only — not to be used for determining property lines. Property corner Markers Not guaranteed by this location.



NOTES
1) DEED DOES NOT MATHEMATICALLY CLOSE.
2) METES & BOUNDS TAKEN FROM LIBER 184 FOLIO 386



LOCATION OF HOUSE
LAND CONVEYED TO
L.S. & J.A. PHEBUS
#2942 FLORENCE ROAD
LIBER 3512 FOLIO 0008
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

9. Any Changes to
to A Private Sewage
Easement shall
Require A Revised
Percolation
Certification Plat
10. I certify that
information shown
Hereon is Based on
on field work
Performed by me
or under my
Direct supervision
and is correct, to
the Best of my
knowledge and
Belief

JERRY S. PHEBUS
march, 19, 2007

CERTIFICATE I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments, if any. TITLE REPORT NOT FURNISHED	REFERENCES PLAT BK. PLAT NO. LIBER 3512 FOLIO 0008	ZENITH SURVEYS SURVEYING • PLANNING 200 DILL AVENUE • FREDERICK, MD. 21701 301-831-4944
	DATE OF SURVEYS WALL CHECK HSE LOC. 6-1-98 BOUNDARY	SCALE: 1" = 60' DRAWN BY: WHY JOB NO.: 98-845

A# 525672

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

 Robert J. Weber 3/26/07
 Health Officer Date

PERCOLATION PLAT

 HOWARD COUNTY, MARYLAND

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.



-77°6.45"



39°18'52"

39°18'52"

Disclaimer: Howard County, Maryland assumes no responsibility for the accuracy of this report or the information contained herein or derived therefrom. The user assumes all risks and liabilities whatsoever resulting from or arising out of the use of this information. There are no oral agreements or warranties relating to the use of this report.

-77°6.45"



IN ACCOUNT WITH
RALPH E. MAYNE

WELL DRILLER

(410) 489-4939 • (301) 829-0702

FAX (410) 489-5777

17024 HARDY ROAD, MT. AIRY, MD 21771

Date MARCH 23, 2007

To: Larry Phobus
2942 Flanegan RD
Woodbine MD 21797

A 1.5 percent monthly service charge will be added to all unpaid balances. Annual rate of 18 percent

WELL DEPTH

WELL GROUTING

WELL PUMP TEST

WELL CAP

WELL TAG-BANDIT

I look at well site
And casing is ABOVE Ground
By 2"
I See GROUT at bottom of
Casing Just Below PITLESS ADAPTOR
Any question PLEASE CALL
301-829-0702

Ralph E. Mayne

WELL WAS PRODUCING AT TIME DRILLED _____ G. P. M.



