

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

A/P 526180

AGENCY REVIEW: _____

DATE 1/11/00

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

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) Peggy Schultz (Margaret Ellen Schultz)

DAYTIME PHONE 410-442-2641 CELL _____ FAX _____

MAILING ADDRESS 15021 Frederick Road Woodbine Md. 21797
STREET CITY/TOWN STATE ZIP

APPLICANT Rak Excavating Inc

DAYTIME PHONE 410-442-1336 CELL 410-984-8230 FAX _____

MAILING ADDRESS P.O. Box 280 Lisbon, Md. 21765
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

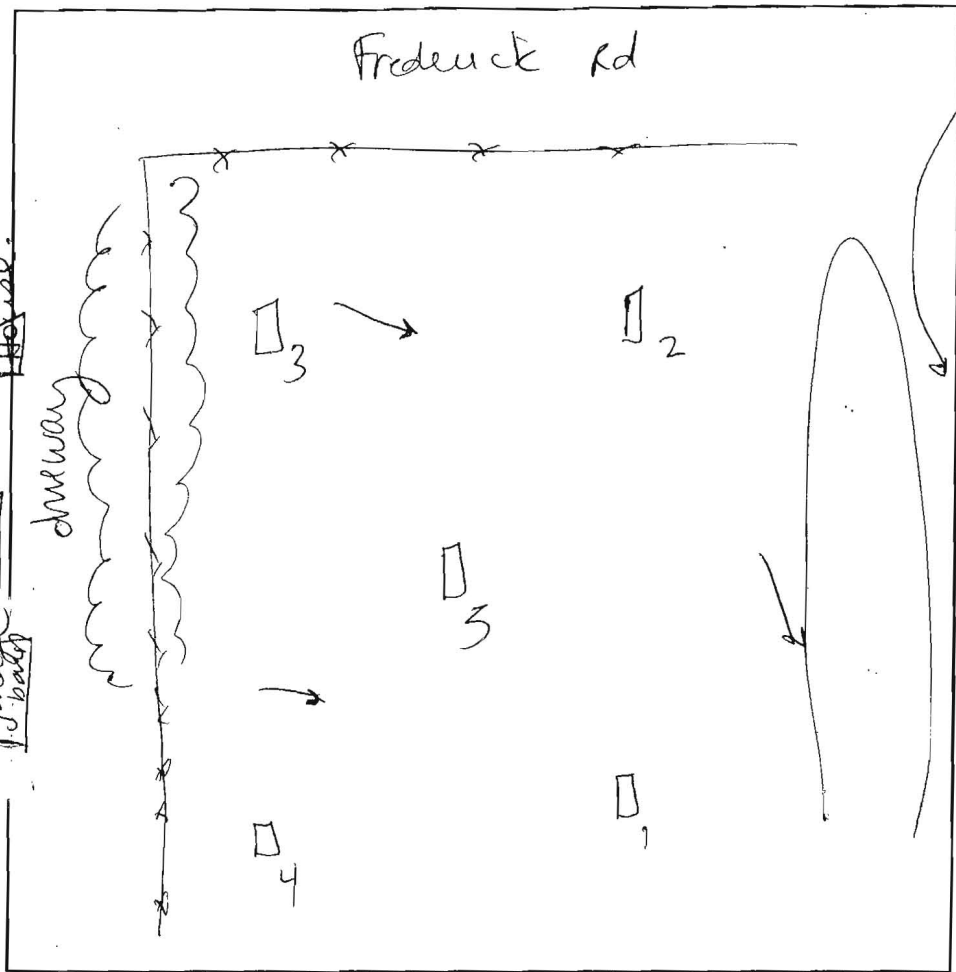
PROPERTY ADDRESS 15021 Frederick Rd
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 4 GRID A+12 PARCEL(S) _____ PROPOSED LOT SIZE _____

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. Judith A. Ketterman Sect-Treas
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



1
 1' dark brown &
 red yellow silty sbk
 5-10% gravel
 23' brown silty m
 5' pale red fine sil
 compact sg
 20% gravel
 slightly micaceous
 6' multicolored
 very fine sil sg
 squallite
 13' ~~rock~~

2
 8" brown &
 brown silty sg
 4' brown sil
 7' yellow brown fine sil
 w/ squallite

5
 dark brown & sbk
 brown silty sbk
 heavy sil
 15-20% gravel
 3 5/4' multicolored
 sil sg
 squallite
 15% gravel
 roots
 5'

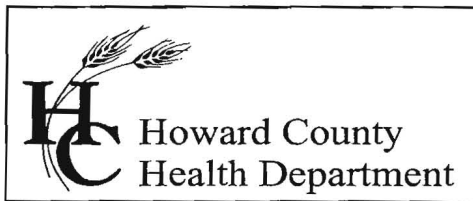
4
 5" dark brown &
 red yellow silty sbk
 30-35% gravel
 cobbles
 cw
 5' dense sil
 6' ~~flag~~ multicolored
 sil sg
 squallite
 20-25% gravel
 12 5/8' cobbles

5
 6" brown &
 red brown sil
 15' 40%-50% gravelly
 5' ~~gravelly~~
 6' multicolored
 fine sil
 squallite
 11 5/8"

| DATE | TEST # | DEPTH | START | BREAK 1' DROP | STOP 2' DROP | TIME OF 2nd INCH | P/F/H |
|---------|--------|------------------|-------|---------------|--------------|------------------|-------|
| 1/30/07 | 2 | 7 5/8" / 11.5' | 10:04 | 10:09 | 10:22 | 13 | P |
| | 1 | 7 5/8" / 13' | 11:01 | 11:05 | 11:12 | 7 | P |
| | 1 | 7' / 9:59 | 10:19 | | | | |
| | 3 | 5 5/8" / 13 5/8" | 11:23 | 11:29 | 11:35 | 6 | P |
| | 4 | 6' / 12 5/8" | 11:40 | 11:49 | 12:03 | 14 | P |
| | 5 | 6' / 11.5" | 10:34 | 10:45 | 10:58 | 13 | P |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS #3 Effective area 4'5"
 SDA cannot be extended past holes # 2+1
 SANITARIAN AT/SF BACKHOE K+K OTHERS
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

11 5/8"



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

February 6, 2007

Peggy Schultz
15021 Frederick Road
Woodbine, Maryland 21797

RE: PERCOLATION TEST RESULTS – A#526180
15021 Frederick Rd
B06008645

Dear Ms. Schultz:

Percolation testing conducted January 30, 2007 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. Building permit B06008645 is on hold until the percolation certification plan has been reviewed and approved. Also, the site plan included with the building permit application indicated an old well. This well will need to be properly abandoned prior to building permit approval, unless an approval is granted by the Health Department to keep the well as an agricultural well.

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) House site, including building restriction lines as determined by other County agencies, and driveway location
- 3) Existing property lines
- 4) Location of existing septic system and well site, include well tag number.
- 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 MDE sewage disposal area statement "This area designates a private sewage disposal area of 10,000 square feet as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area 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."
- 10) MDE minimum lot width statement
- 11) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 12) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 13) 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

- 14) 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.'
- 15) A Health Officer's signature block stating "approved for private water and private sewer systems"
- 16) 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."
- 17) 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
- 18) Name, address and telephone number of each owner, developer and the plan author.
- 19) 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

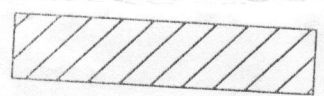
Enclosures

File

Forwarded to Steve Leaf, Traditional Home Builders
2/6/07

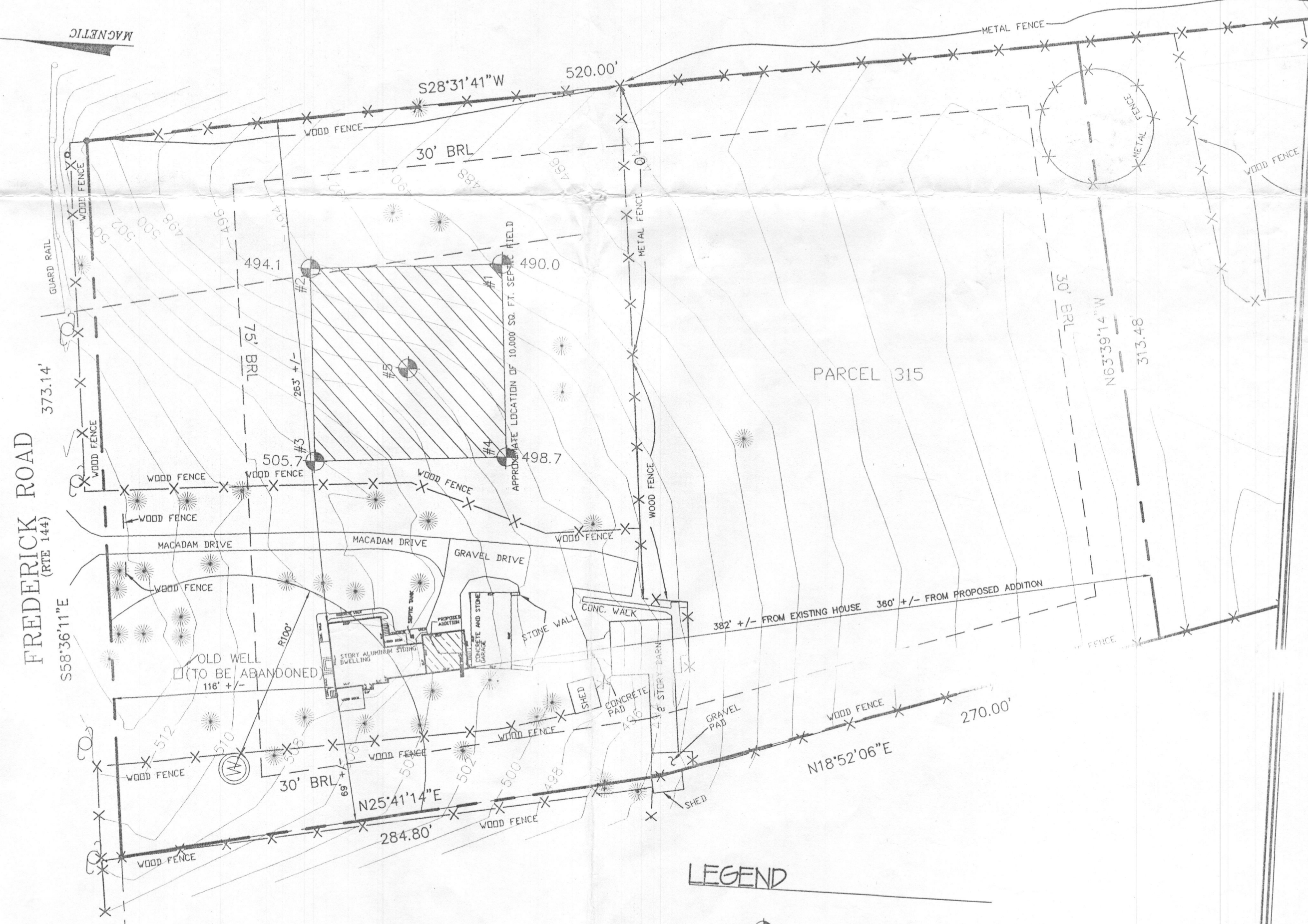
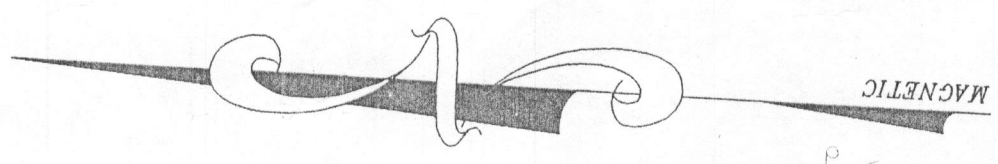
NOTES

1. SITE ADDRESS: 15021 FREDERICK ROAD
2. EXISTING ZONING IS RC-DEO.
3. BOUNDARY LINES SHOWN HEREON ARE BASED ON BOUNDARY EVIDENCE AND DEED PLOTS, PERFORMED BY MARKS & ASSOC. LLC ON NOVEMBER, 2006.
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 10,000 SQUARE FEET



THIS AREA DESIGNATES A MINIMUM 10,000 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.

7. TOPOGRAPHY SHOWN HEREON IS FIELD RUN AND VERIFIED BY MARKS & ASSOCIATES ON DECEMBER 11, 2006.
8. REASONABLE EFFORTS HAVE BEEN MADE TO LOCATE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF BOUNDARY LINES AS SHOWN HEREIN.
9. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.



LEGEND

- 1. FIELD LOCATED PASSED PERC TEST
- PROPOSED ADDITION
- LOCATION OF PROPOSED SEPTIC EASEMENT
- EXISTING WELL

OWNER INFORMATION: PEGGY SCHULTZ
15021 FREDERICK ROAD
WOODBINE, MARYLAND 21797

BUILDER INFORMATION: TRADITION HOME BUILDERS
(410) 489 6145

** upgrade well - call well drill to check status - no gas connection - big 4' sq male have prop take into stone*

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

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



ERIK C. MARKS R.P.L.S. NO. 607

Robert Wehn 3/8/07
HEALTH OFFICER DATE

MARKS AND ASSOCIATES

LAND PLANNING SURVEYING ENGINEERING
ERIK C. MARKS, R.P.L.S.
TEL (410) 747-8730
FAX (410) 747-8647
4531 COLLEGE AVENUE
ELLCOTT CITY, MARYLAND 21043


PERC CERTIFICATION PLAT

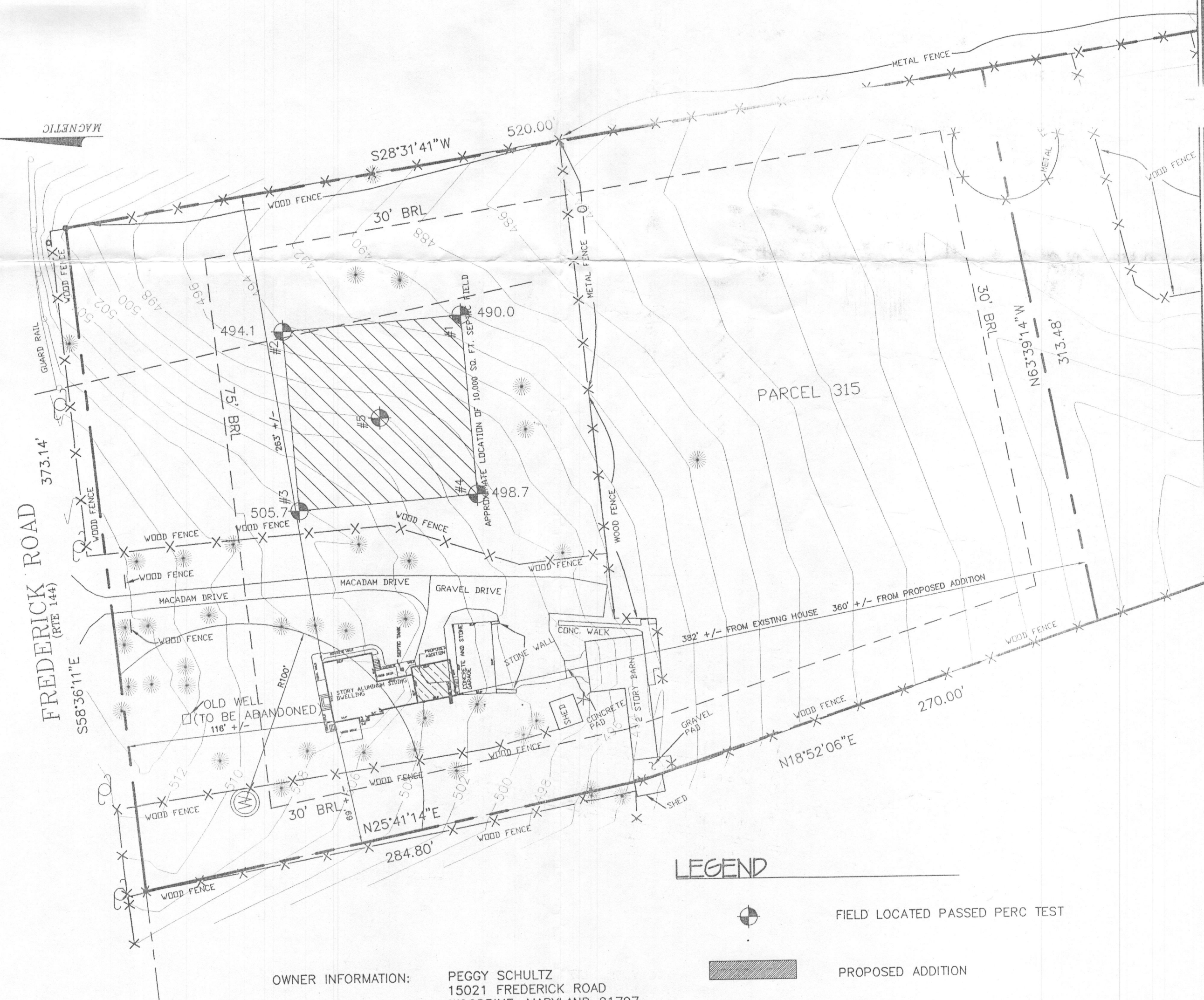
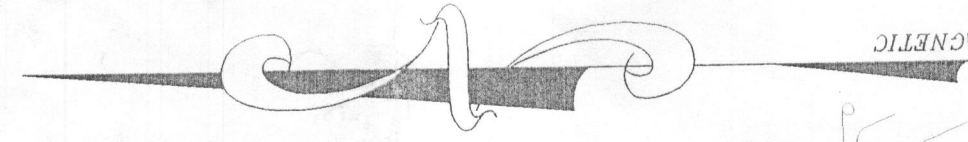
15021 FREDERICK ROAD
TAX MAP #8 PARCEL 315 & 316
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FEBRUARY 16, 2007



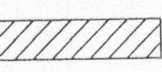

SCALE: 1" = 50'

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-  PROPOSED ADDITION
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-  EXISTING WELL

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15021 FREDERICK ROAD
WOODBINE, MARYLAND 21797

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(410) 489 6145

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ERIK C. MARKS R.P.L.S. NO. 607

Robert J. Weber 3/8/07
HEALTH OFFICER DATE

MARKS AND ASSOCIATES
LAND PLANNING SURVEYING ENGINEERING
ERIK C. MARKS, R.P.L.S.
4891 COLLEGE AVENUE
ELLCOTT CITY, MARYLAND 21042
TEL (410) 747-6730
FAX (410) 747-6847

PERC CERTIFICATION PLAT
15021 FREDERICK ROAD
TAX MAP #8 PARCEL 315 & 316
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FEBRUARY 16, 2007

SCALE: 1" = 50'