



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 528441

AGENCY REVIEW: _____ DATE 11/1/08

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 8 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) Dong & Su Yang

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 8061 Browns Bridge Rd. Highland MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT Farm and Home Excavating - Bill Ingram

DAYTIME PHONE 410-442-2139 CELL 410-984-0189 FAX 410-442-3280

MAILING ADDRESS 901 Driver Rd Marriottsville MD 21104
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Riverwood Riverview LOT NO. 1

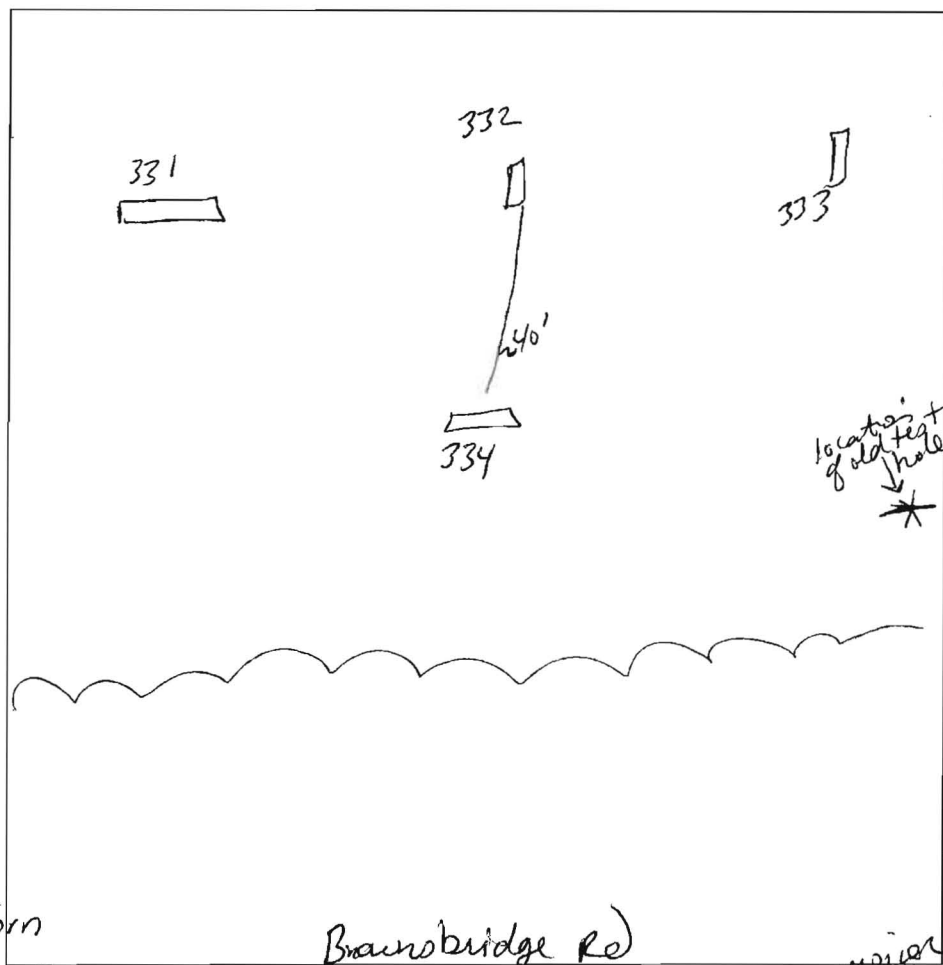
PROPERTY ADDRESS 8061 Browns Bridge Rd Highland
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 5 PARCEL(S) 62 PROPOSED LOT SIZE 3.028 Ac.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPT-
ABLE 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. Bill
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



332
dark brn
l. sbk
~7"
fine sel sbk
micaceous
1 1/4"
d(1-2) mollus
2'
20% chert
st. brn se
dense clw
brn, pale brn
heavy se clw
micaceous
Mn striations
4'
brn se sg
micaceous
patches of fine sel
saprolite mica
~10% channery schio
heavy se
micaceous
mica schist
saprolite
10% channery
14 1/5'

331
dark brn l
sbk
26"
st. brown
heavy se sg
1 1/4"
st. brn, brn, pale brn
med/coarse se sg
micaceous
mica schist platy
10% channery
saprolite
↓
20% channery
saprolite
13'

333
dark brn
l. sbk 20% stony
~2'
brown
fine sel
4 1/2-5'
brn red/brn
med. se clw
mica schist pl
25%
7'
brn
coarse se/ls sg
micaceous
20% channery
saprolite
14'

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|----------|------------|----------|------------------|-----------------|---------------------|-------|
| 5/19/08 | 331 | 5' 13' | 9:37 | 9:38 | 9:38 | | — |
| | | 8" hole | 9:39 | 9:40 | 9:42 | 2 2.66 | P |
| | 332 | 5' 14 1/2' | 9:50 | 9:57 | 10:08 | 11 14.6 | P |
| | 333 | 6' 14' | 10:14 | NO movement | | | — |
| | | 7' | 10:51 | 11:04 | 11:28 | 24 | P |
| | 334 | 4' 13' | 10:24 | 10:24 | 10:25 | | — |
| | | | 10:28 | 10:29 | 10:31 | 2 2.66 | P |
| | #331 EAC | 2' | #332 EAC | 5' | #334 EAC | 2' | |

334
dark brn
l. sbk
~1"
brn
heavy se
micaceous
10% channery pl
2'
brn se sg
(red brn)
w/ Mn striations
saprolite
micaceous
↓
15% channery
saprolite
13'

REMARKS Holes dug per stake except #334 #333 EAC 7'
SANITARIAN SS BACKHOE Farm+Home OTHERS
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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

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

May 28, 2008

Dong and Su Yang
8061 Browns Bridge Rd
Highland, Maryland 20777

RE: PERCOLATION TEST RESULTS –
A#528441
8061 Browns Bridge Rd

Dear Mr. and Mrs. Yang:

Percolation testing conducted May 19, 2008 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. Preliminary review supports the expansion of the existing sewage disposal area.

Further review is contingent upon submission of a percolation certification plan. Enclosed are the requirements for a percolation certification plan. A proposal for the Assisted Living Facility needs to be included on the plan including number of bedrooms and number of residents.

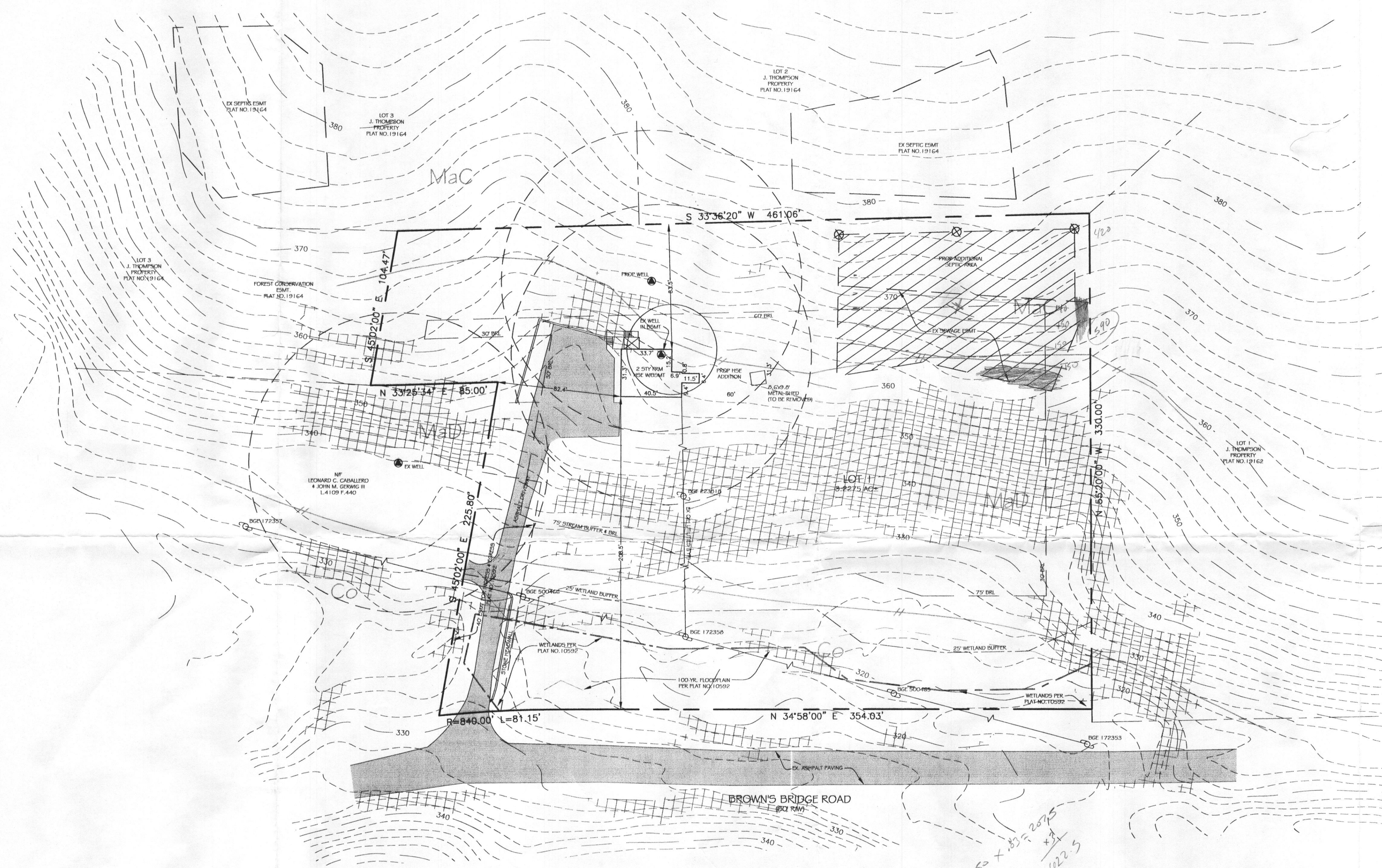
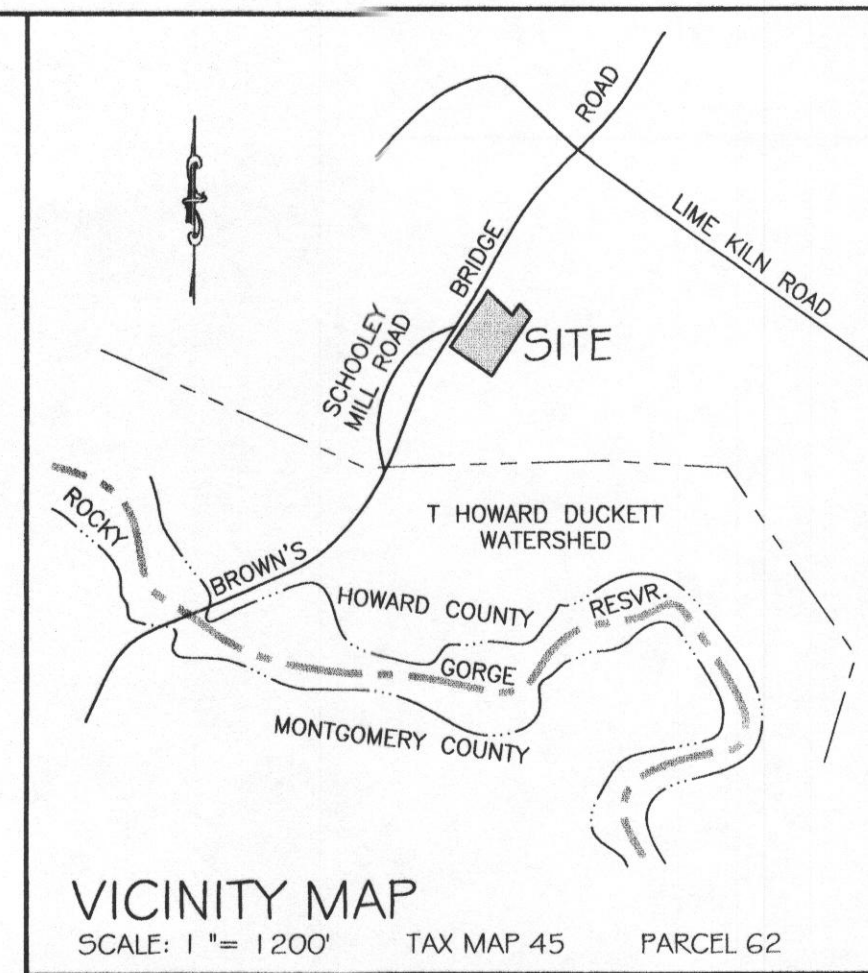
Along with the percolation certification plan, a new on-site sewage disposal system for the facility must be designed by an engineer registered in the state of Maryland. The plan must include all necessary details for the construction of the septic system.

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

Sincerely,

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

Enclosures



GENERAL NOTES:

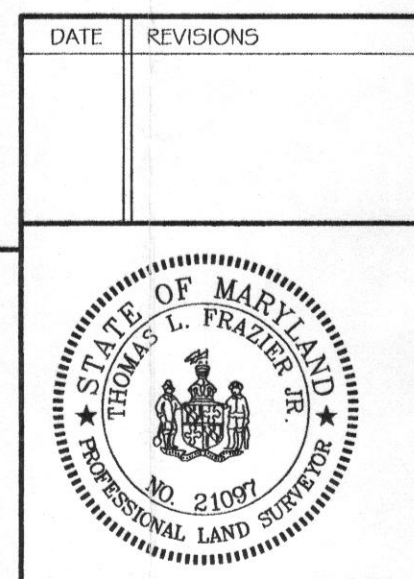
- OWNERS: DONG KIL YANG & SU YANG
DEED REFERENCE: LIBER 9096 FOLIO 320
DATE: MARCH 11, 2005
GRANTOR: SDAM, LLC
- TAX MAP: 45 GRID: 5 PARCEL: 62
- NEAREST POTABLE WATER SUPPLY: FULTON, DISTANCE: 2 MILES ±
- TOPOGRAPHY: FROM HOWARD COUNTY G.I.S. - CONTOUR INTERVAL IS 2 FEET. FIELD SPOT-CHECKED BY VANMAR ASSOC., INC., 2008.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
- SOIL TYPES: Codomo (Co), Manor (MaC, MaD) HOWARD COUNTY SOILS MAP No. #32.
- ZONING DISTRICT: RR-DED
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 15,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- HOUSE WITH FUTURE ADDITION TO TOTAL 6 BEDROOMS.

| LEGEND | |
|---------------------------------|---|
| PROPOSED PERCOLATION TEST SITE: | ⊕ |
| (PASSED) PERCOLATION TEST SITE: | ⊙ |
| (FAILED) PERCOLATION TEST SITE: | ⊛ |
| EXISTING/PROPOSED WELL: | ⊙ |
| PROPOSED HOUSE SITE: | ⊠ |
| EXISTING WELL SITE: | ⊙ |
| 25% SLOPES: | ⊠ |

OWNER/APPLICANT:
DONG KIL YANG & SU YANG
do BILL INGRAM
901 DRIVER ROAD
MARRIOTTVILLE, MD 21194

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.

THOMAS L. FRAZIER, JR., P.E., L.S., MD. REG. # 21097 DATE: 3/14/08



PERCOLATION TEST PLAN
LOT 1
RIVERVIEW
PLAT NO. 10592

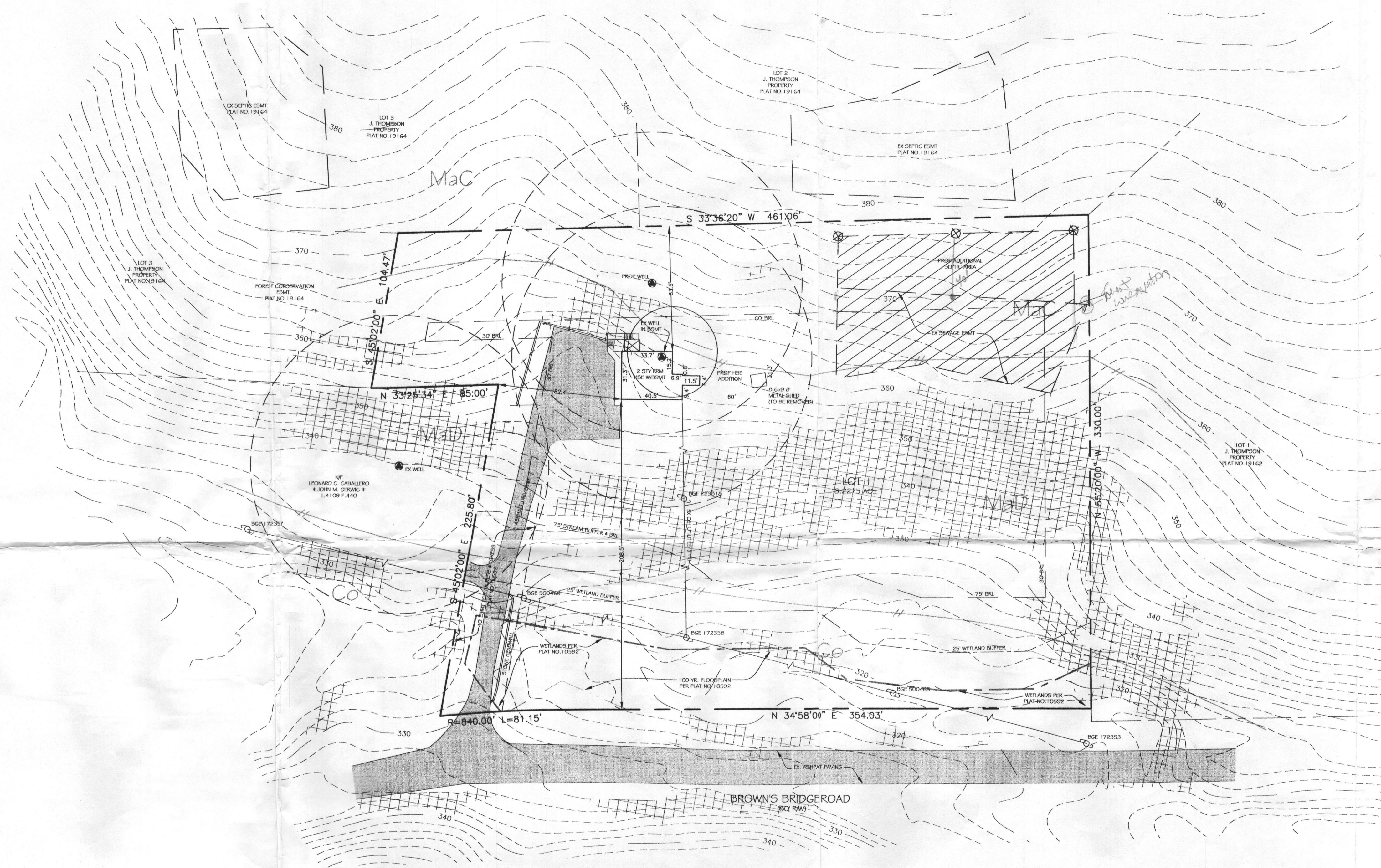
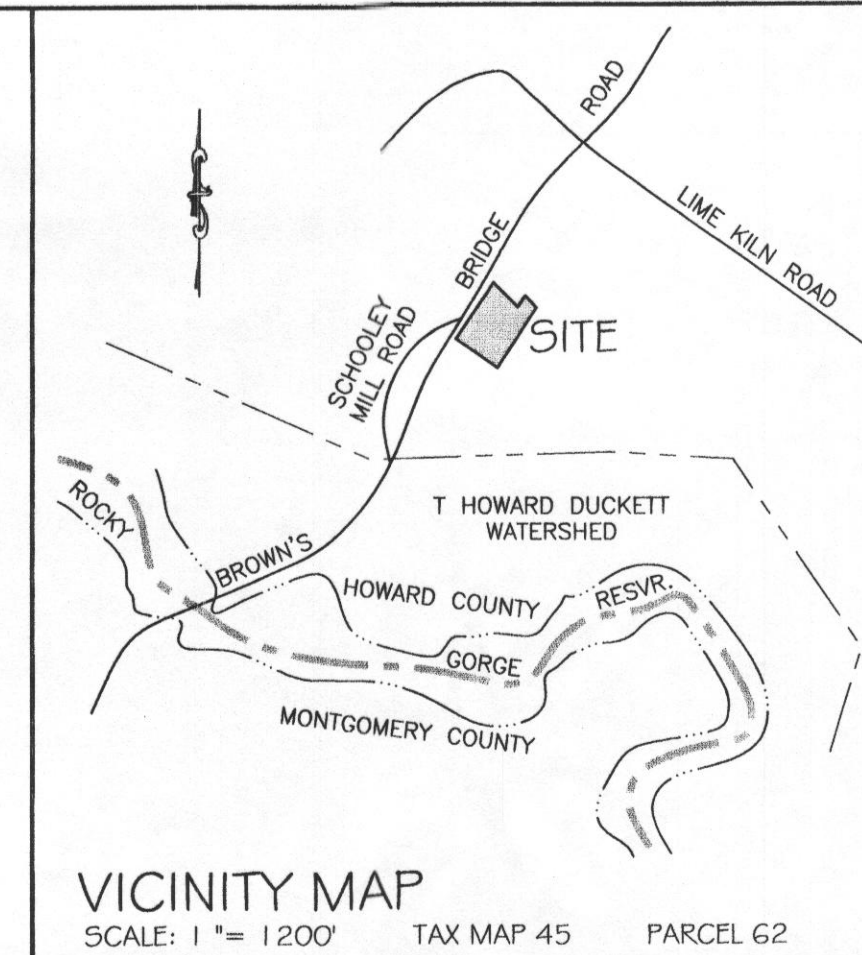
8061 BROWN'S BRIDGE ROAD
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 40' MARCH 2008

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 228 Mount Airy, Maryland 21771
(301) 829-2890 (301) 851-5015 (410) 549-2751

APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS, HOWARD
COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE

MCS (NAD83/91)



400 Staked
5/13/08

GENERAL NOTES:

- OWNERS: DONG KIL YANG & SU YANG
DEED REFERENCE: LIBOR 9056 FOLD 320
DATE: MARCH 11, 2009
GRANTOR: SDAM, LLC
- TAX MAP: 45 GRID: 5 PARCEL: 62
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- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- HOUSE WITH FUTURE ADDITION TO TOTAL 6 BEDROOMS.

LEGEND

PROPOSED PERCOLATION TEST SITE: ⊕

(PASSED) PERCOLATION TEST SITE: ⊙

(FAILED) PERCOLATION TEST SITE: ◆

EXISTING/PROPOSED WELL: ●

PROPOSED HOUSE SITE: ⊠

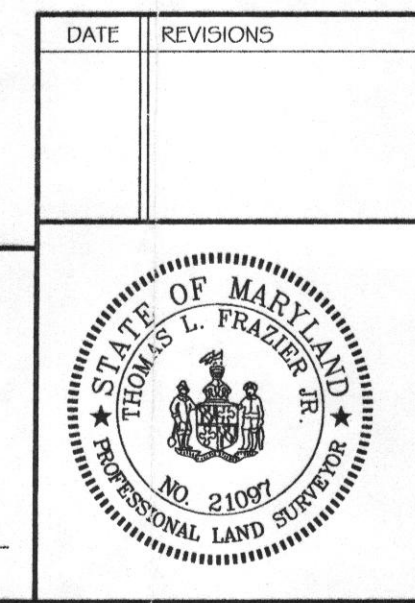
EXISTING WELL SITE: ○

25% SLOPES: ▨

OWNER/APPLICANT:
DONG KIL YANG & SU YANG
c/o BILL INGRAM
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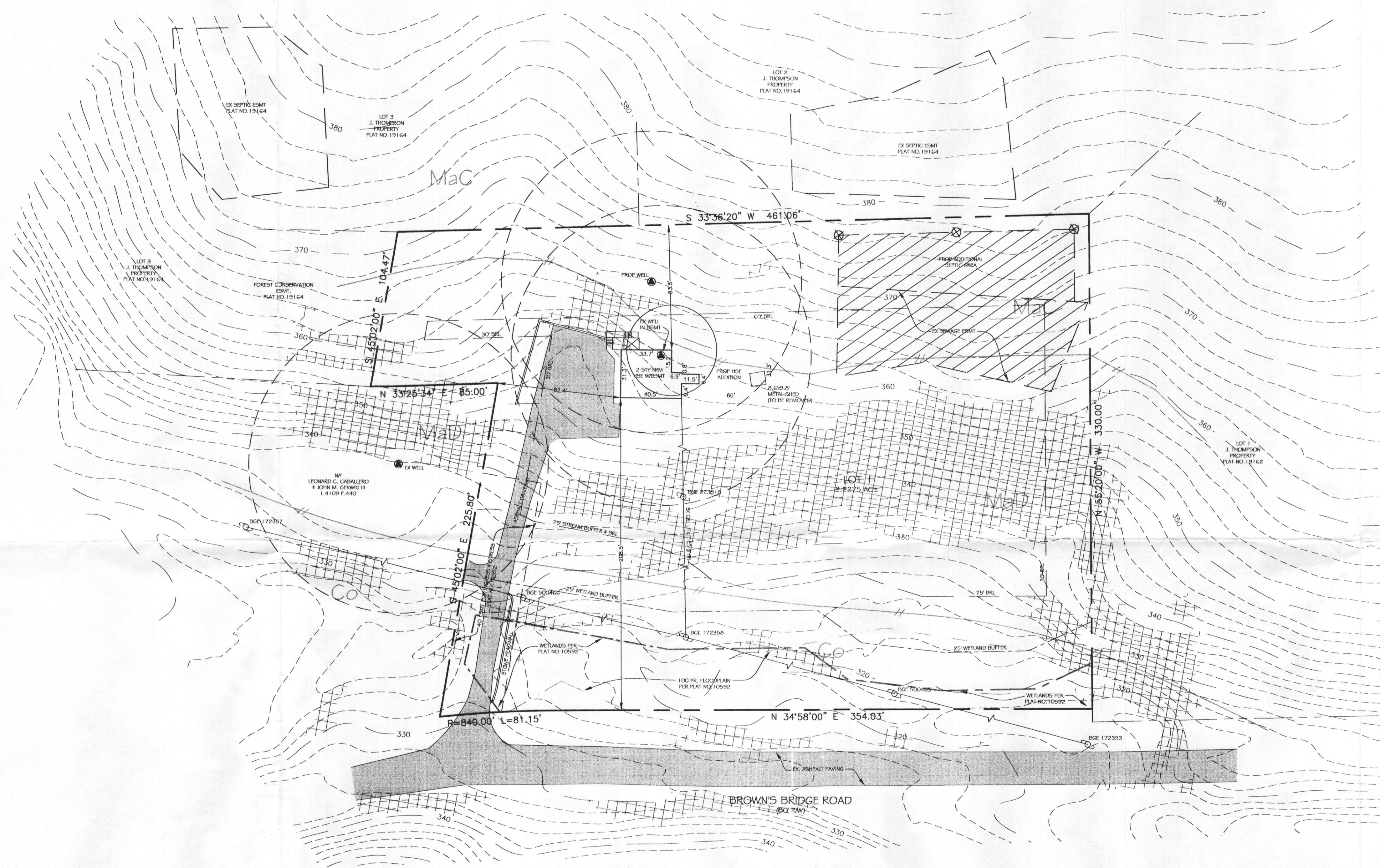
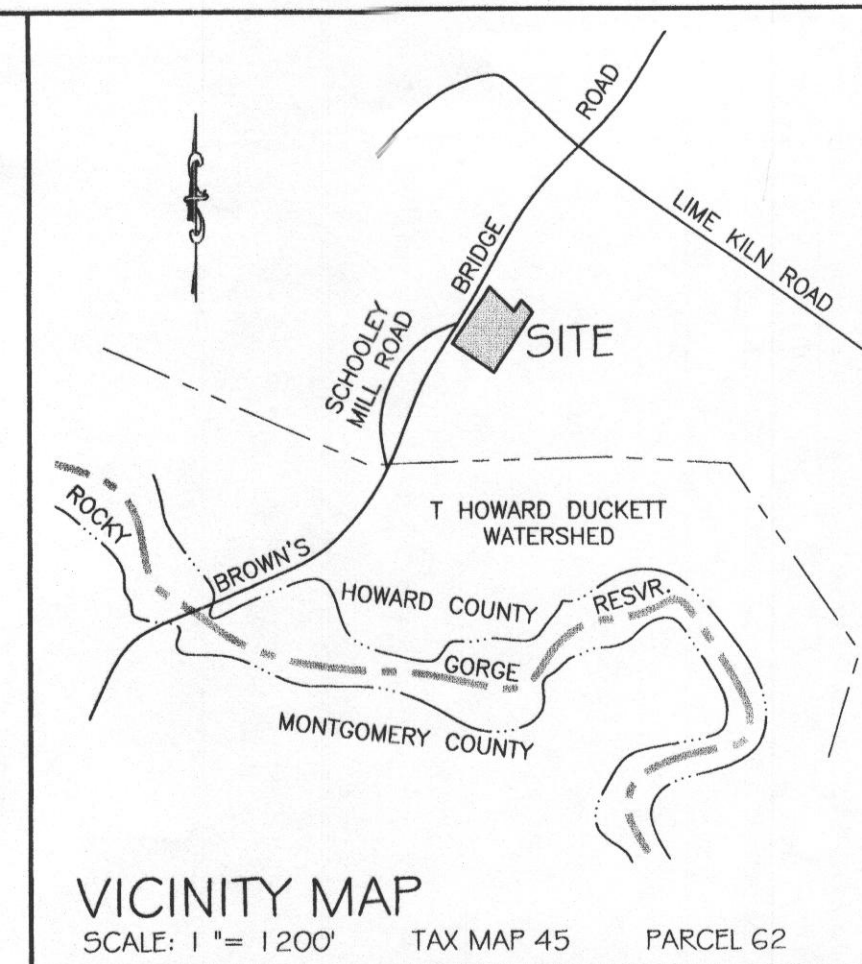
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(301) 289 2890 (301) 831 5015 (410) 549 2751

APPROVED:
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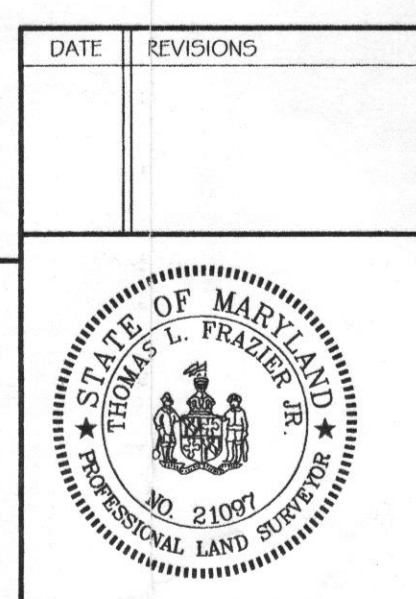
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