

165 fee + 165 pound



Howard County Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 532557

AGENCY REVIEW: _____

DATE 3-17-10

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) Jeff and Lynda Weller

DAYTIME PHONE 410 442 3290 CELL 443 226 9021 (Preferred) FAX _____

MAILING ADDRESS 3200 Fox Valley Pk West Friendship MD 21794
STREET CITY/TOWN STATE ZIP

APPLICANT Jeff Weller

DAYTIME PHONE Same CELL _____ FAX _____

MAILING ADDRESS Same
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Fox Valley (West Ivory Road) LOT NO. _____

PROPERTY ADDRESS 3200 Fox Valley Pk West Friendship MD 21794
STREET TOWN/POST OFFICE

FAX MAP PAGE(S) 22 GRID 2 PARCEL(S) 9 PROPOSED LOT SIZE _____

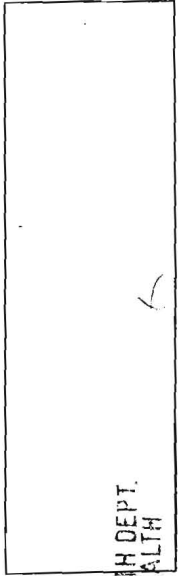
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT.

Jeff Weller
SIGNATURE OF APPLICANT

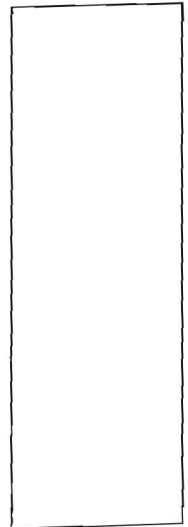
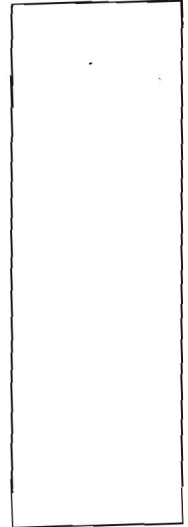
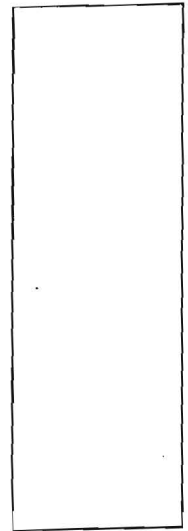
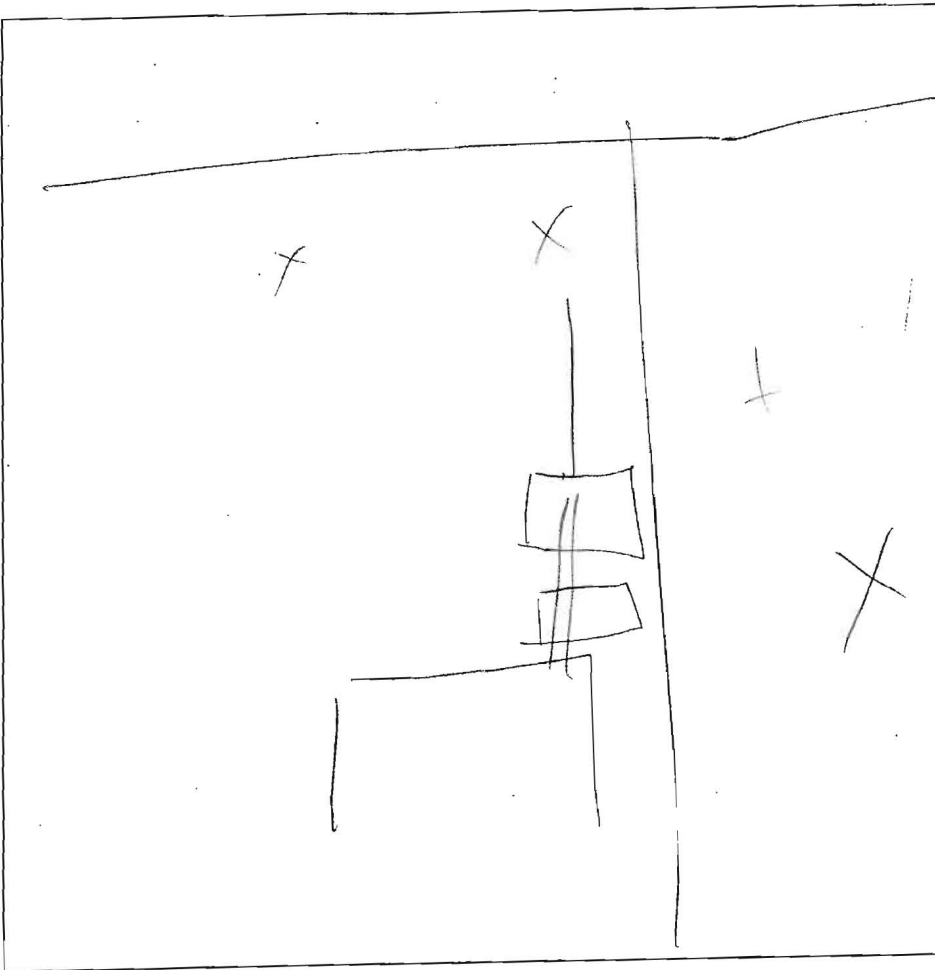
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____



RECEIVED
CLYDE COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

2010 MR 18 AM 9:05



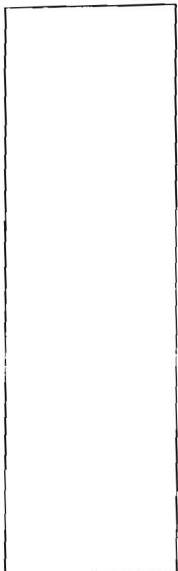
| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|-------|-------|------------------|-----------------|---------------------|-------|
| | | | | | | | |
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| | | | | | | | |

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____





APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____
AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

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- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

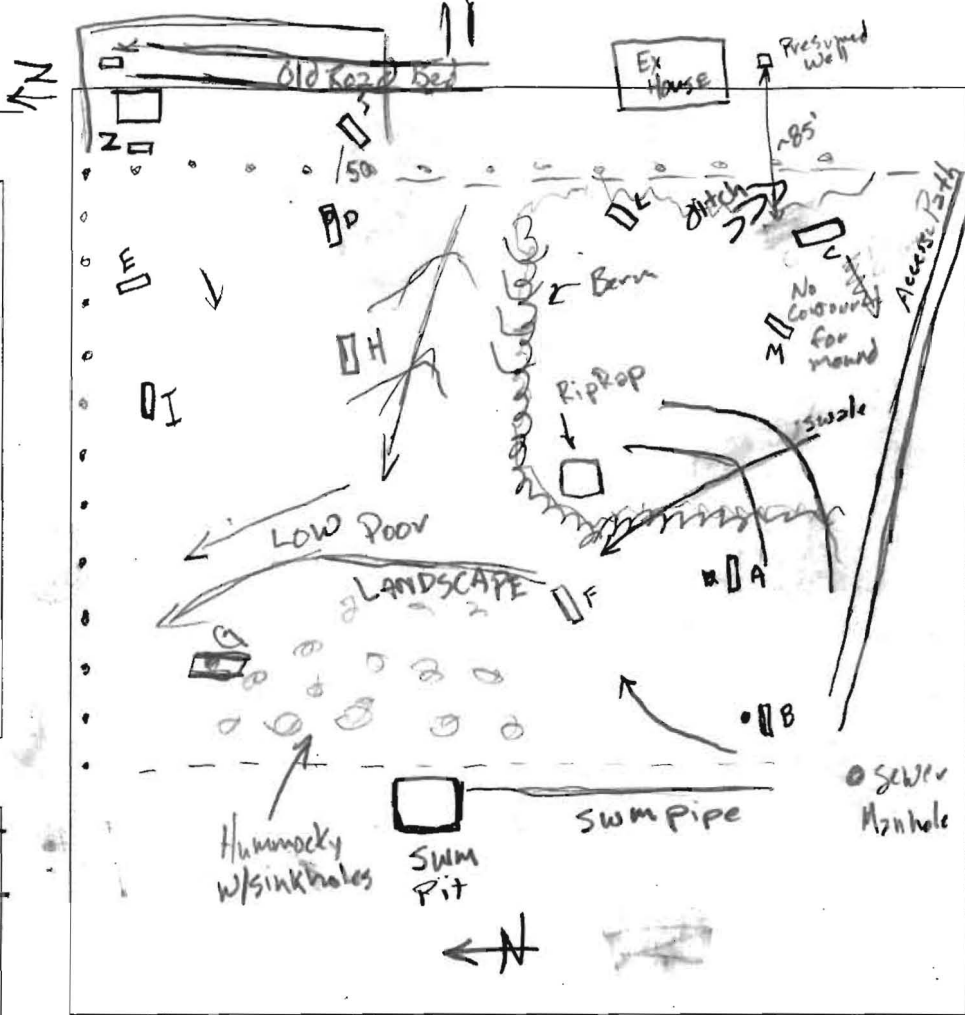
TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P



C

1 Brown Platy Clm

2 Str Brown Clay

3 Red Clm Heavy

D

6" Brown LM

Red Yellow SiCl

22" 95% HARD RX

E

8" Brn LM-Clm

Yellow-Red Clm

3' 70-80% Hard platy Rx

F

1 Fill organics logs etc

2 Yellow Red Clm

4 w/gray/grey water

Poor Landscape

G

1 Yellow Red CLM

DK Yellow Brn LM-Clm w/organics

4 Lt Yellow Brn SiCl w/ prominent white clay features

8 water @ B

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|-------|--------------|---------------|--------------|------------------|-------|
| | C | 1/9' | Conventional | | | | F |
| | D | 1/4' | LOW/SM | | | | F |
| | E | 1/8' | CONV./SM | | | | F |
| | F | 1/10' | CONV./SM | | | | F |
| | G | | | | | | F |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS **+ Need Field Run Topo +**

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

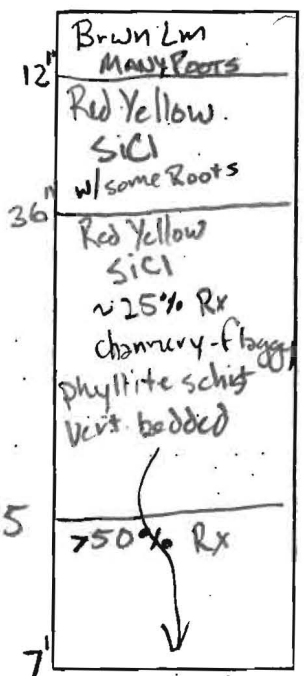
MOUND TEST DATA SHEETS

Property I.D. _____ Lot # _____ Date 4/2/07

Sanitarian GAC Landscape Position Side Slope

% Slope _____ Soil Type _____ Contractor Freedom Septic-Jonie

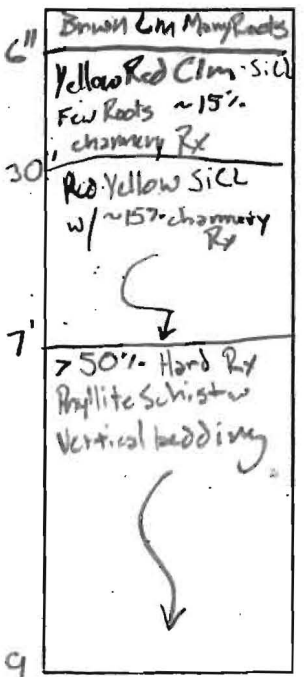
HOLE # H DEPTH OF TEST 24" START TIME 3:00



| Hook Gauge Reading | Elapsed Time (min) | Measured Drop | Estimated Rate | % Change |
|--|--------------------|----------------------------------|---------------------------------|----------|
| 7 ¹¹ / ₁₆ | 15m | 5/16 | | |
| 7 ¹¹ / ₂ - 7 ¹¹ / ₁₆ | 15m | ~4 ¹¹ / ₁₆ | | |
| 7 ¹¹ / ₄ | 15m | 4 ¹¹ / ₁₆ | | |
| 6 ¹⁵ / ₁₆ | 15m | 3 ¹¹ / ₁₆ | | |
| 6 ⁵ / ₈ | 15m | 5 ¹¹ / ₁₆ | | |
| 6 ³ / ₈ | 15m | 4 ¹¹ / ₁₆ | | - |
| 6 ¹ / ₈ | 15m | 4 ¹¹ / ₁₆ | | - |
| 5 ⁷ / ₈ | 15m | 4 ¹¹ / ₁₆ | 1 ¹¹ / _{hr} | - |
| | | | | |
| | | | | |

Alternative (P)

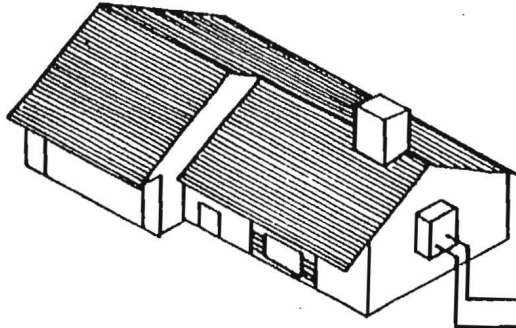
HOLE # I DEPTH OF TEST 24" START TIME 3:20



| Hook Gauge Reading | Elapsed Time (min) | Measured Drop | Estimated Rate | % Change |
|------------------------------------|--------------------|---|-----------------------------------|----------|
| 7 ¹³ / ₁₆ | 15m | 3/16 | | |
| 7 ¹⁰⁻¹¹ / ₁₆ | 15m | 4 ³ / ₁₆ (approx) | | |
| 7 ¹¹ / ₂ | 15m | 2 ³ / ₁₆ | | |
| 7 ⁵ / ₁₆ | 15m | 3/16 | | |
| 7 ³ / ₁₆ | 15m | 3/16 | | - |
| 7 ¹ / ₁₆ | 15m | 2/16 | | - |
| 6 ¹⁵ / ₁₆ | 15m | 2/16 | 1/2 ¹¹ / _{hr} | - |
| | | | | |
| | | | | |

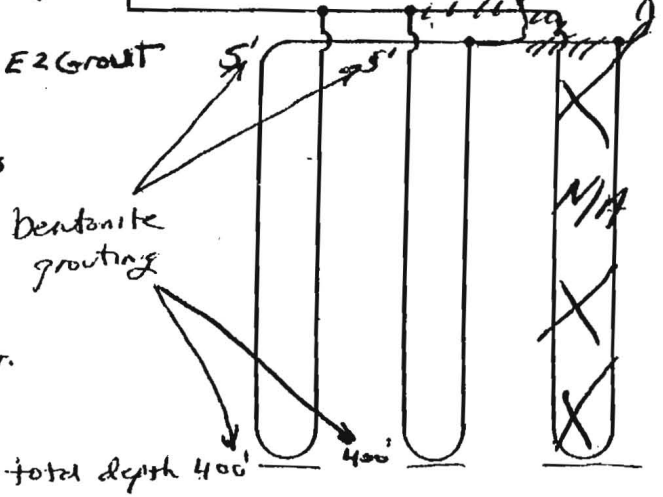
Alternative (P)

Driller: Jones Well Drilling Inc.
 contact: David Kelly
 410-692-6981



bury depth 5' below grade

Wyo-Ben bentonite-E2 GROUT
 GROUT (50 lb. bags)
 mixed with 24 gallons
 of water per
 manufacturer specs
 yields 27 gal. slurry
 with a 0.42 btu/ft-hr.
 thermal conductivity



- Earth Coil Type: Vertical - Single U-Bend
- Water Flow: Parallel
- Pipe Sizes: 1 1/4" double Loop
- Bore Lengths: 320' x 3
- Pipe Lengths: 640 x 3 (Reverse vertical pipe) 1920

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger

11-3 11 6:30

| | | |
|---|----|-----|
| | A | B |
| 1 | 80 | 116 |
| 2 | 67 | 107 |
| 3 | 71 | 102 |

Jeffrey J. & Lyric B. Meli
 10000 E. 307
 1511 22nd St. Ft. Co.
 2222 2nd Ave. Ft. Co.

3 Geo. Holes

Septic

Owner: Jeff Walker
 3200 Fox Valley Dr.

3200 West Tully Road

Scale off
 1" = 72'

LAND DESIGNER

EC:8 HA C-1111

2015 Columbia

2nd Edition District Level 1 County of

Scale 1" = 72'

Sept 15th 11

11

11

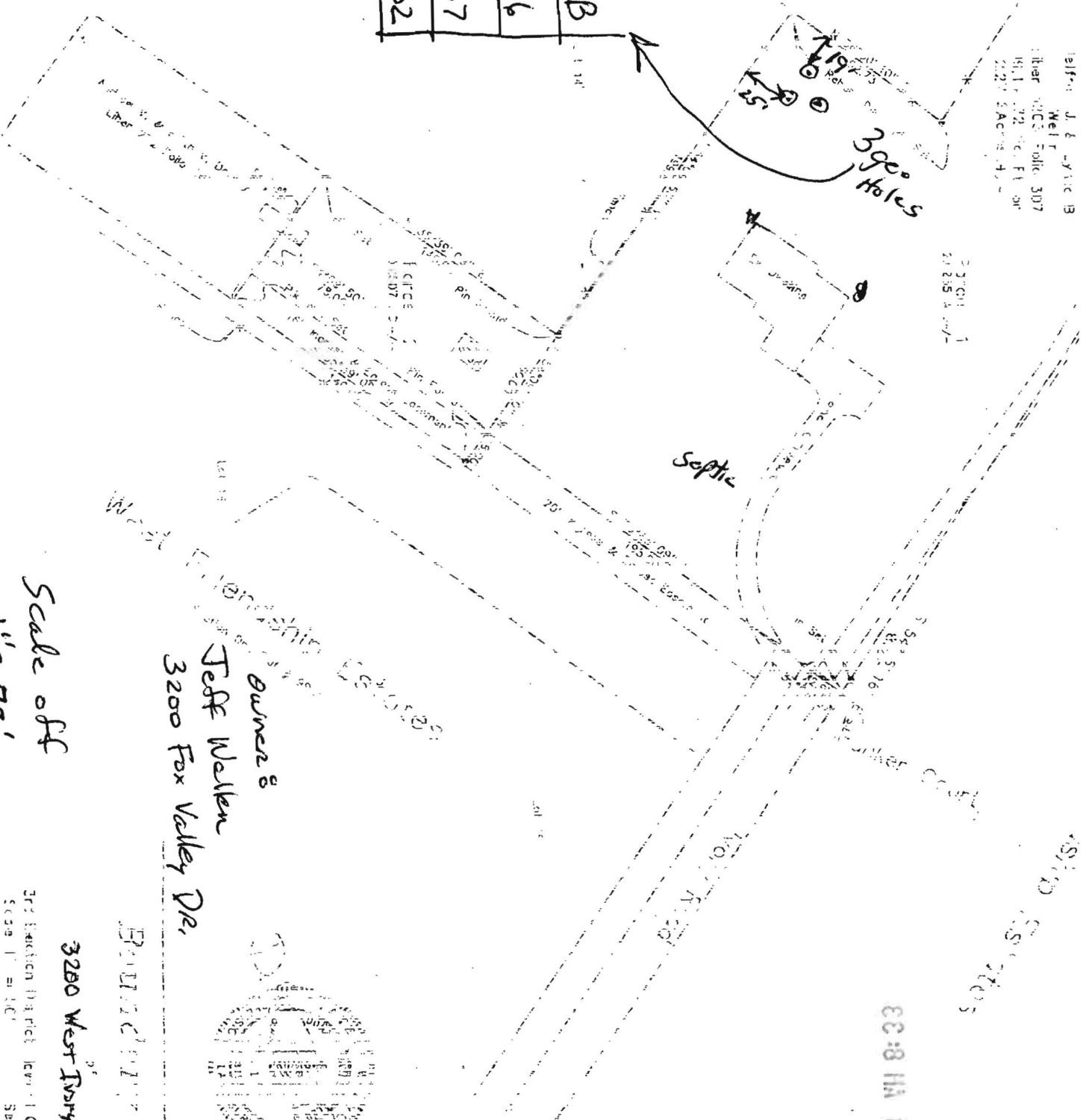
11

11

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BRUNNEN

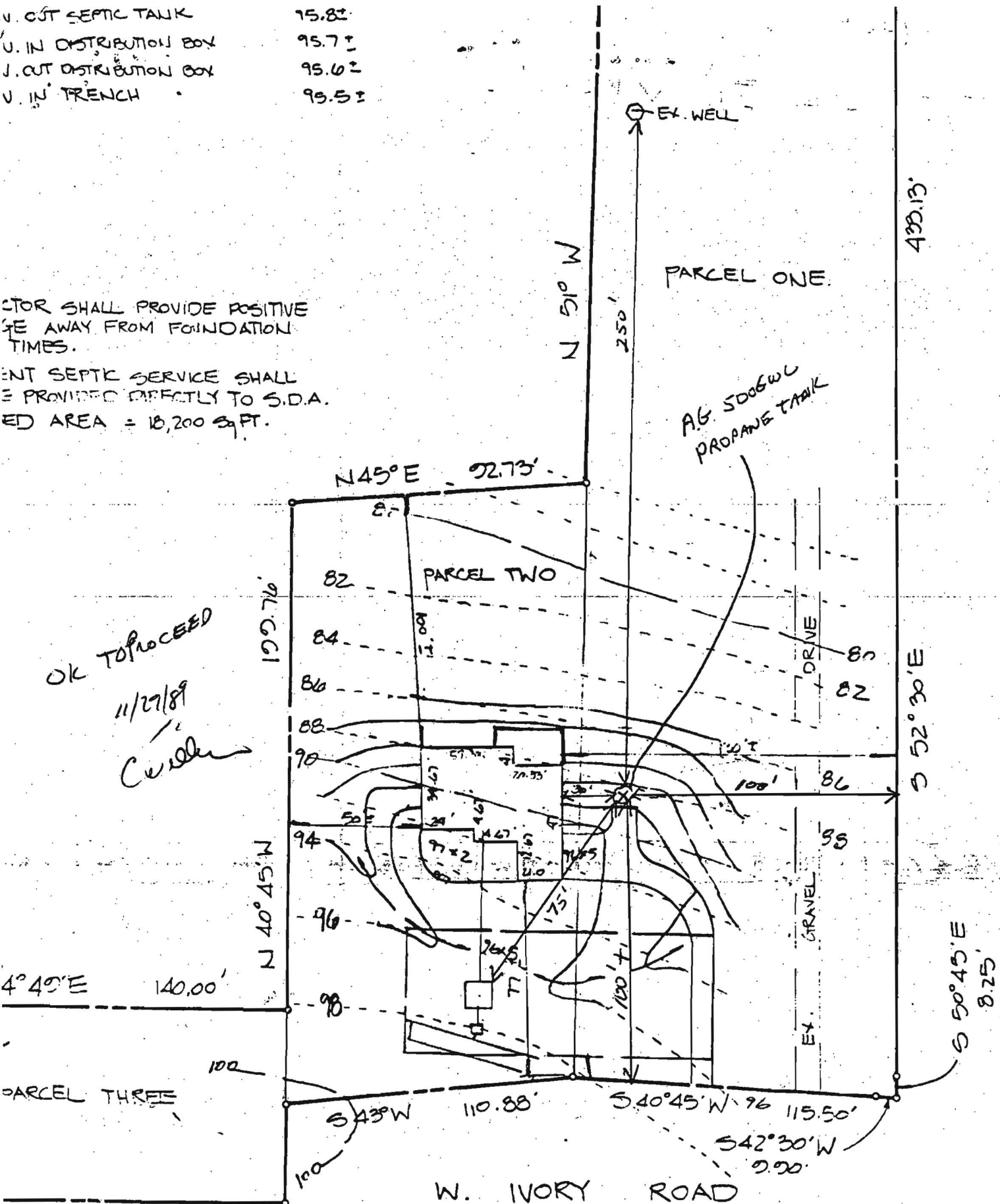


- V. CST SEPTIC TANK 75.82'
- V. IN DISTRIBUTION BOX 95.72'
- V. OUT DISTRIBUTION BOX 95.62'
- V. IN TRENCH 99.52'

STOR SHALL PROVIDE POSITIVE
SE AWAY FROM FOUNDATION
TIMES.

ENT SEPTIC SERVICE SHALL
E PROVIDED DIRECTLY TO S.D.A.
ED AREA = 18,200 SQ. FT.

OK TO PROCEED
11/27/89
C. [Signature]



SITE PLAN

FOR

K 5/4/89
AD Reg. No. 9012 Date



PROPOSED S.H.C. ELEVATIONS

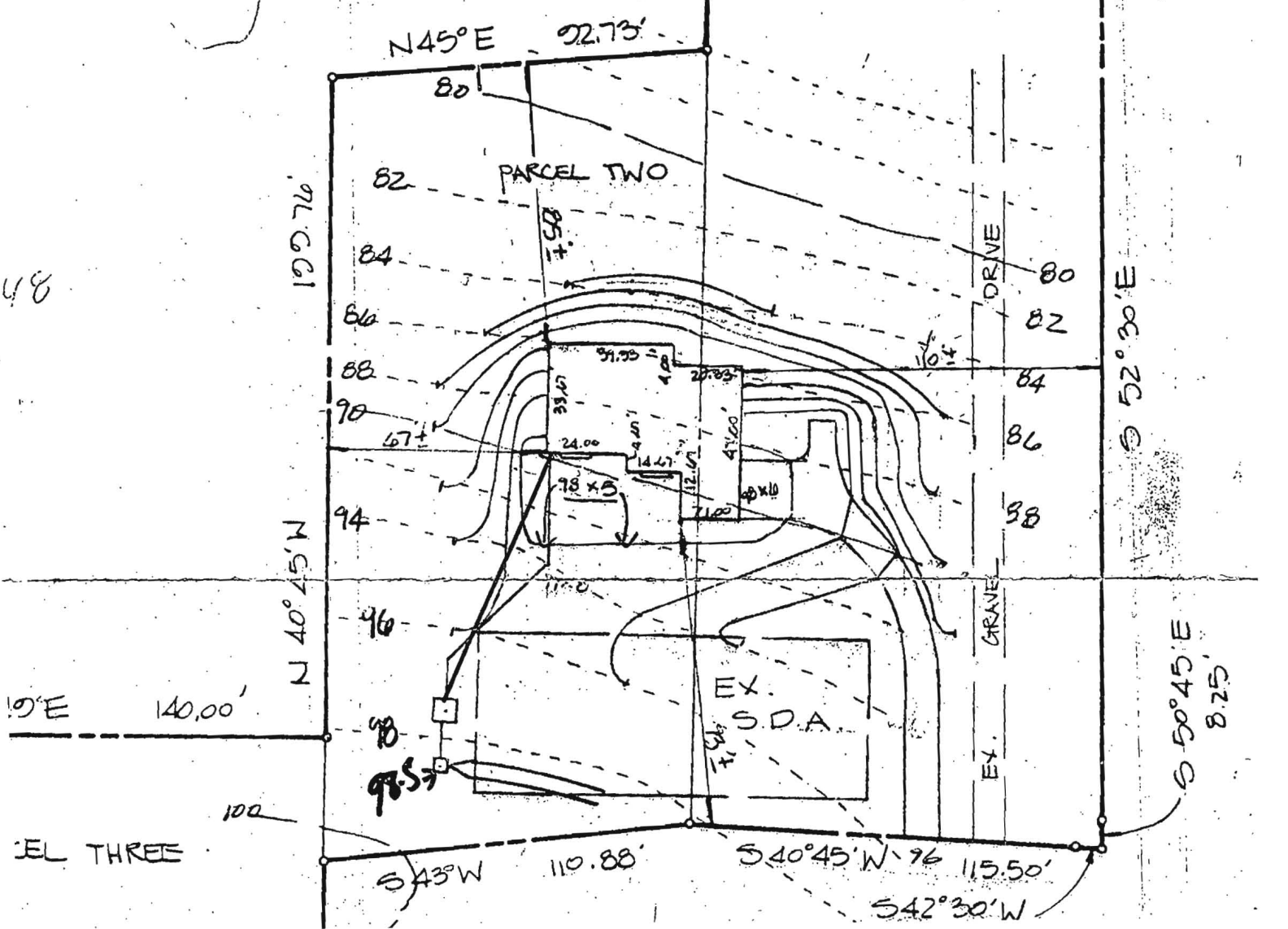
| | | |
|----------------------|----------|-------|
| OUT OF HOUSE | 96.8 ± ✓ | -BSMT |
| IN SEPTIC TANK | 95.9 ± ✓ | |
| OUT SEPTIC TANK | 95.8 ± ✓ | |
| IN DISTRIBUTION BOX | 95.7 ± ✓ | |
| OUT DISTRIBUTION BOX | 95.6 ± ✓ | |
| IN TRENCH | 95.5 ± ✓ | |

BLDG. PERMIT SIGNED
AND RETURNED 5-16-89

BP 25517
82

OR SHALL PROVIDE POSITIVE
E AWAY FROM FOUNDATION
TIMES.

IT SEPTIC SERVICE SHALL
PROVIDED DIRECTLY TO S.D.A.
D. AREA = 18,200 SQ. FT.





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

04/03/2007

To: Mr. Jeffrey Wellen
3200 Fox Valley Drive
West Friendship, MD 21794

DRAFT

From: Gabe Creighton
Well and Septic Program

Re: Percolation Testing A526242
3200 Fox Valley Dr. (AKA: 3200 W. Ivory Rd.)
Tax Map 22, Parcel(s) 132, P, J & K

Mr. Wellen,

Percolation tests conducted on 4/2/2007 and 4/6/2007 on the above referenced property have yielded results determined by this department to be unfavorable for the development any of the parcels. Although percolation tests conducted on 4/2/2007 were passing results for 'Alternative Sand Mound' testing on parcel(s) J& P, the area available on the properties to install a septic system of this design is too small to support an initial and one replacement system as required by this department. As a result, this area is judged by this department to be insufficient for the development of the parcel. Copies of all pertinent test results are enclosed for your information.

If you have any questions regarding this, at this time or in the future, please do not hesitate to contact this office at (410) 313-1771.

Respectfully,

Gabriel A. Creighton, R.S.
Development Coordination Section
Well and Septic Program

GAC/gac
Enclosures
cc: File

MOUND TEST DATA SHEETS

Property I.D. _____ Lot # _____ Date 4/2

Sanitarian GAC Landscape Position side slope

% Slope ~7 Soil Type _____ Contractor Freedom

HOLE # A DEPTH OF TEST 24" START TIME 10:25

0
12"
24"
36"
48"

Brown Loose Gr. Gr
Str. Limb Many Roots

Str. Brown Clm
SAB - Gr. Gr Struct.
w/ 30% gravelly

Str. Brown Clm
30% cherty - cherty
Rx
faint yellow Red nodules
@ 32"

Dense Str. Brown -
Red Yellow Clm
230% cherty

| | Hook Gauge Reading | Elapsed Time (min) | Measured Drop | Estimated Rate | % Change |
|-------|--------------------|--------------------|----------------|----------------|----------|
| 10:40 | 7 1/16 | 15m | 1 1/16" | | |
| 10:55 | 6 1/8 | 15m | 1 5/16" | | |
| 11:25 | 4 13/16 | 30m | 1 5/16" | | |
| 11:40 | 4 1/8 | 15m | 9/16" | | |
| 11:55 | 3 9/16 - 1/2 | 15m | 11/16" | | |
| 12:10 | 3 1/8 - 5/32 | 15m | 7/16" | | |
| 12:25 | 2 5/8 | 15m | 1/2" 8/16 | | |
| 12:40 | 2 1/8 | 15m | 1/2" | | |
| 12:55 | 1 5/8 | 15m | 1/2" | | |
| 1:10 | 1 1/4 | 15m | 3/8" | | |
| 1:25 | 0 13/16 | 15m | 5/16" | | |
| 1:40 | 1 5/8 | 15m | 3/8" <i>ok</i> | | |

Reset to 2"

HOLE # B DEPTH OF TEST 24" START TIME 11:20

0
8"
36"
48"

Brown Limb Many Roots

Str. Brown Clm
cherty 10% gravel -
cherters 5% cr
str. - few nodules

(H) Clm Str. Brown
Angular Blk
15% cherty

| | Hook Gauge Reading | Elapsed Time (min) | Measured Drop | Estimated Rate | % Change |
|-------|--------------------|--------------------|---------------|----------------|----------|
| 11:35 | 9 5/8 | 15m | 3/8" | | |
| 11:50 | 9 1/4 - 7/32 | 15m | 3/8" | | |
| 12:05 | 9" - 9 1/32 | 15m | 1/4" | | |
| 12:20 | 8 3/4 | 15m | 1/4" | | |
| 12:35 | 8 1/16 - 1/2 | 15m | 1/4" | | |
| 12:50 | 8 1/8" | 15m | 5/16" | | |
| 1:05 | 7 1/8 | 15m | 1/4" | | |
| 1:20 | 7 5/8 | 15m | 1/4" | | |
| | 7 3/8 | 15m | 1/4" | | |

PROPOSED S.H.C. ELEVATIONS

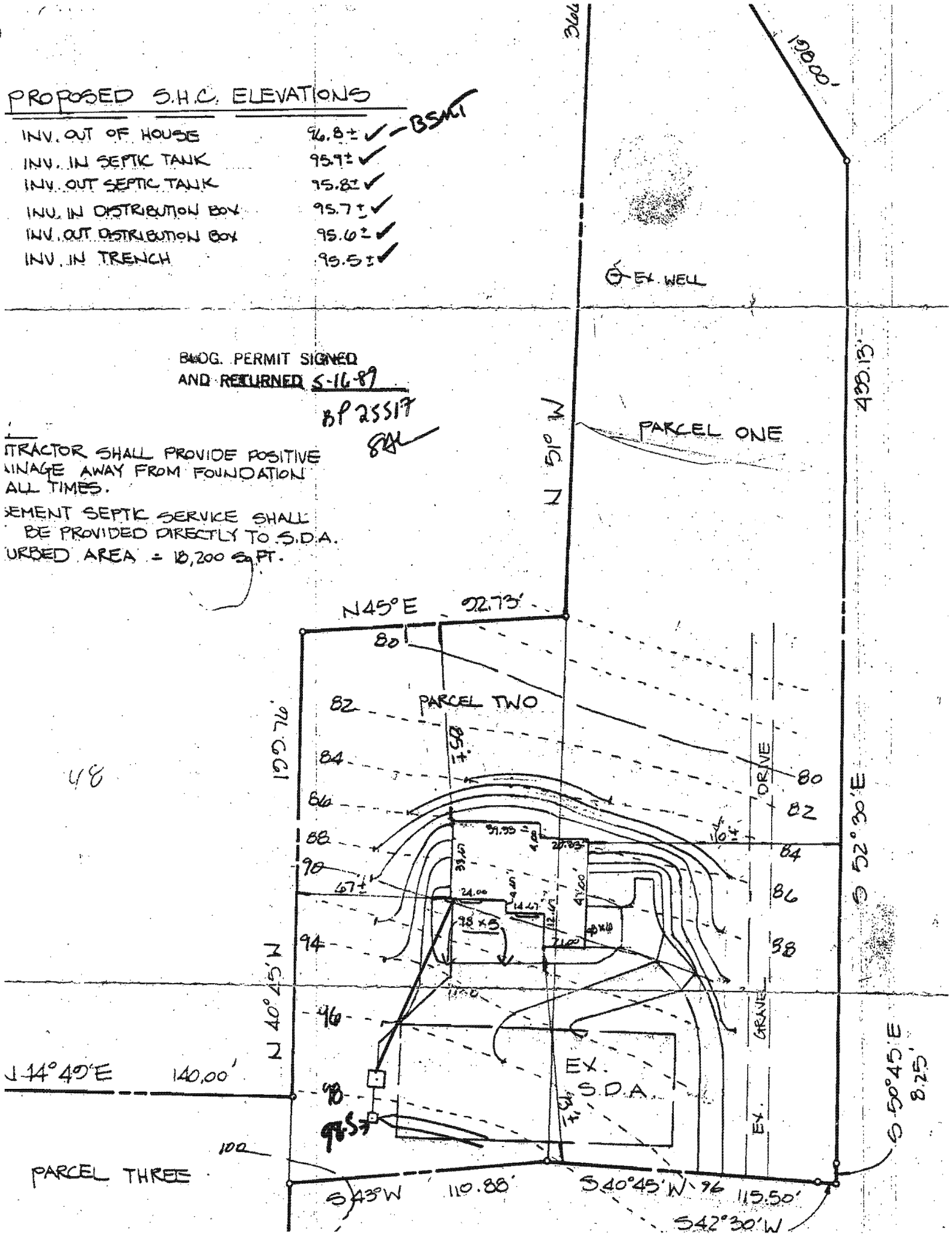
| | | |
|---------------------------|---------|------|
| INV. OUT OF HOUSE | 96.8± ✓ | BSMT |
| INV. IN SEPTIC TANK | 95.9± ✓ | |
| INV. OUT SEPTIC TANK | 95.8± ✓ | |
| INV. IN DISTRIBUTION BOX | 95.7± ✓ | |
| INV. OUT DISTRIBUTION BOX | 95.6± ✓ | |
| INV. IN TRENCH | 95.5± ✓ | |

BUDG. PERMIT SIGNED
AND RETURNED 5-16-89

BP 25519
SK

TRACTOR SHALL PROVIDE POSITIVE
DRAINAGE AWAY FROM FOUNDATION
ALL TIMES.

CEMENT SEPTIC SERVICE SHALL
BE PROVIDED DIRECTLY TO S.D.A.
URBED AREA = 18,200 SQ. FT.



FILE INQUIRY NOTES

| DATE | RESULTS OF REVIEW FOR FILE |
|-----------|--|
| 3/23/2010 | <p>Conducted a site inspection in response to application for repair perc. Observed water, (estimated at about 2.5'-3' deep) in hole about 3" diameter at surface. No evidence of water on surface at any location between house and Fox Valley Drive. Perc data indicates issues of shallow depth to groundwater and relatively shallow depth to rock on lot.</p> <p>Homeowner described condition created ^{by} plumber, in that the foundation drain and and basement floor drain ^{discharges} were directed to the wastewater ejector pit. (Wastewater is generated in basement and pumped to 'hung' house sewer.)</p> <p>Jeff Welton, homeowner, chooses to delay excavation. I state that the excess water being discharged to drain field may be shortening the useful 'life' of the trenches. Mr Welton expresses an interest in separating the groundwater (re: foundation) discharge from the wastewater discharge.</p> <p>Robert B. No odors were detected during the visit that would indicate a failing system. HoCo GIS lists address as 3200 West Ivory</p> |



Howard County Health Department

* possible wet season testing needed

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 526242
AGENCY REVIEW: _____ DATE 2/20/07

DO NOT WRITE ABOVE THIS LINE

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- REPLACE AN EXISTING SEPTIC SYSTEM (*pre-existing outbase*)

CHECK AS NEEDED:

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

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IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

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- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Jeff + Lynda Weller

DAYTIME PHONE 410-443-226-9621 CELL 410-489-5747 FAX _____

MAILING ADDRESS 3200 Fox Valley Drive West Friendship MD 21794
STREET CITY/TOWN STATE ZIP
Property: AKA 3200 West Ivory Rd.

APPLICANT Serve

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____ STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION * Fox Valley aka Indian Springs
SUBDIVISION/PROPERTY NAME 3220 Fox Valley Drive * AKA 3200 West Ivory LOT NO. 28
subdivision

PROPERTY ADDRESS 3220 Fox Valley Drive, West Friendship
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 22 GRID _____ PARCEL(S) P, J, K PROPOSED LOT SIZE 1 Ac ±

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TEST RESULTS WILL BE MAILED TO APPLICANT. Jeffrey Weller
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

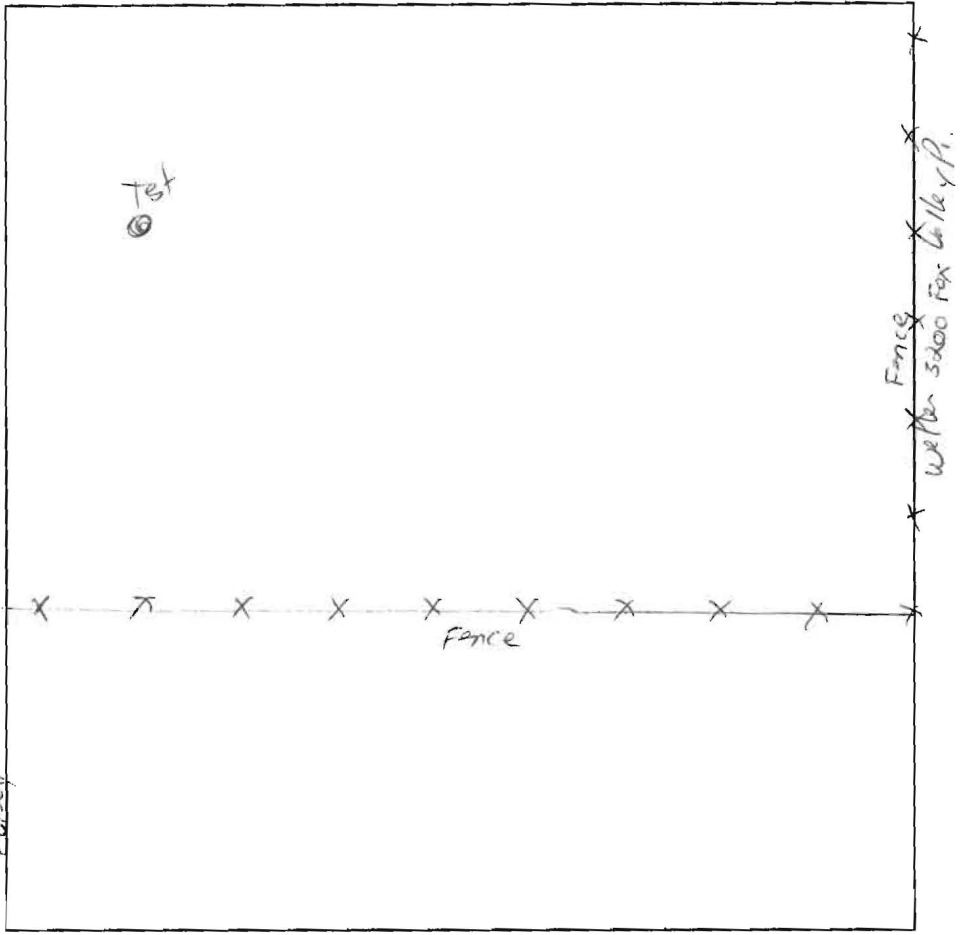
AP _____

0' Test
 light tan
 clay

7.0
 red
 Si, Sa Lm

11.0
 red and
 yellow
 mottled
 Si Lm

14



| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|-------|-------|------------------|-----------------|---------------------|-------|
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REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

| | | | | | | | | | | | |
|---------|-----------|----------|---------------|------------|---------------|---------------|-----------|-------------|--------------|-----------|----------|
| Help Me | Map Reset | Zoom Fit | Find Location | Remove Pin | Layer Control | Image Control | Theme Map | Local Print | Print Layout | Email Map | Map Exit |
| | | | | | | | | | | | |



Distance: ft

Zoom: 1070.0 ft



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

Tuesday, April 04 2006 | 11:49:08 AM | @701

Map Legends

- County Line
- Property Line
- Railroad
- Road Paving
- Bridges Over Pass

Property Information

- Property Boundary

Call in January

Wet season

per se



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

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

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) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ 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. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

FILE INQUIRY FORM

11/18/03 telephone call from Mr. Weller inquiring about I+A systems. Informed him that a new site plan & wet season testing will be required. JAB

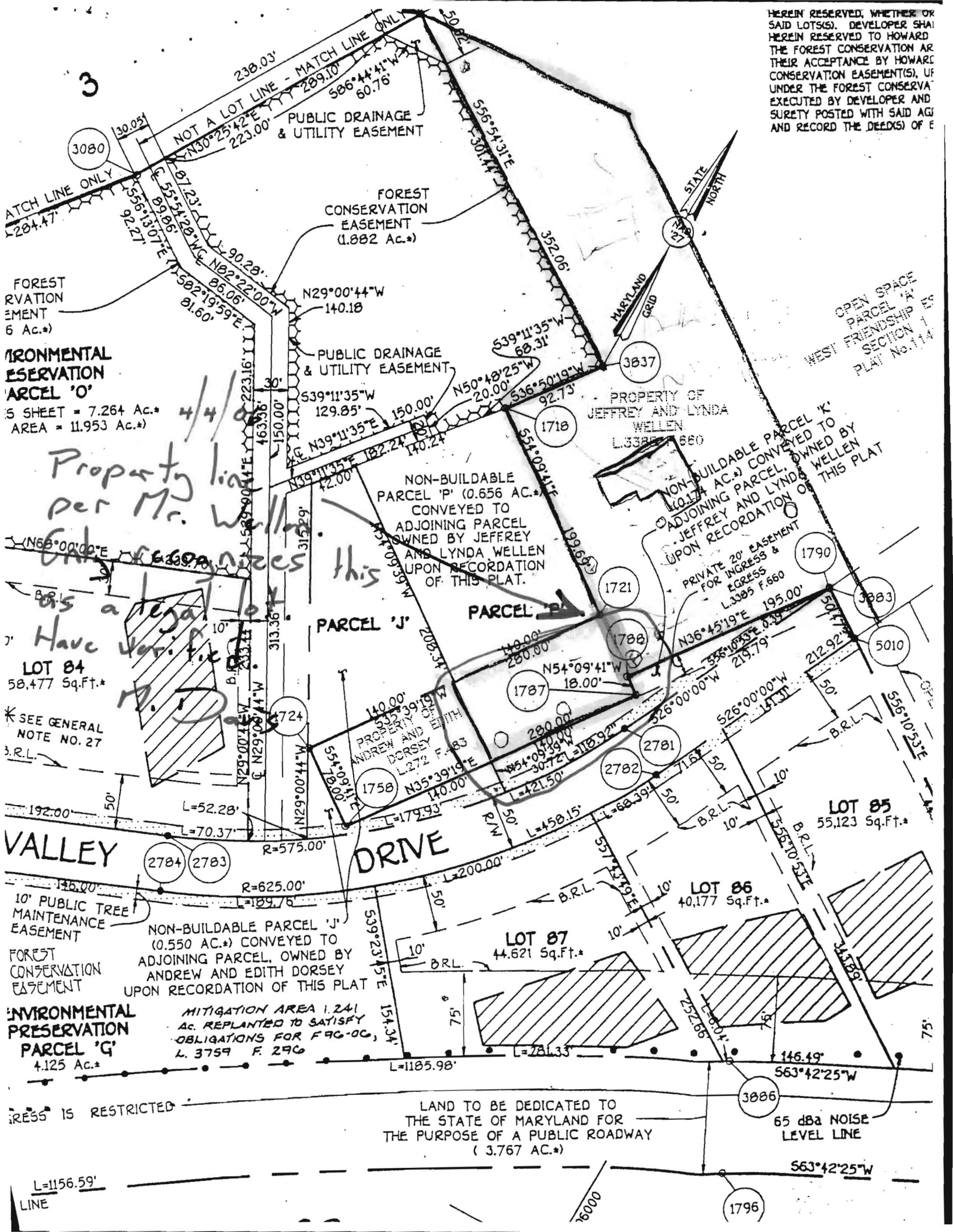
4/4/2006 Met w/ Mr. & Mrs. Weller. Dry year - ending wet season 4/8/2006. Need to test next year for monad.

Nofei

Cindy Hamilton gave them a buildable lot letter. Need to test for initial and two replacements on small lot. If we consider a use easement on the prop. with the Weller's house, identify an area for two replacement systems and evaluate the condition of the existing system.

M. Davis

HEREIN RESERVED, WHETHER OR SAID LOT(S). DEVELOPER SHALL HEREIN RESERVED TO HOWARD THE FOREST CONSERVATION OR THEIR ACCEPTANCE BY HOWARD CONSERVATION EASEMENT(S), UP UNDER THE FOREST CONSERVA EXECUTED BY DEVELOPER AND SURETY POSTED WITH SAID AGI AND RECORD THE DEED(S) OF E



3

3080

ENVIRONMENTAL PRESERVATION PARCEL 'O' 5 SHEET = 7.264 AC. AREA = 11.953 AC.

Handwritten: Property line per Mr. Wellen. End recognizes this as a legal lot. Have verified this.

LOT 84 58,477 Sq.Ft. * SEE GENERAL NOTE NO. 27

ENVIRONMENTAL PRESERVATION PARCEL 'G' 4.125 AC. * PUBLIC TREE MAINTENANCE EASEMENT * FOREST CONSERVATION EASEMENT

NON-BUILDABLE PARCEL 'J' (0.550 AC.) CONVEYED TO ADJOINING PARCEL, OWNED BY ANDREW AND EDITH DORSEY UPON RECORDATION OF THIS PLAT

MITIGATION AREA 1.241 AC. REPLANTED TO SATISFY OBLIGATIONS FOR F96-06, L. 3759 F. 296

LAND TO BE DEDICATED TO THE STATE OF MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY (3.767 AC.)

PROPERTY OF JEFFREY AND LYNDA WELLEN L. 3385 F. 860

NON-BUILDABLE PARCEL 'K' (0.174 AC.) CONVEYED TO ADJOINING PARCEL, OWNED BY JEFFREY AND LYNDA WELLEN UPON RECORDATION OF THIS PLAT

PRIVATE 20' EASEMENT FOR INGRESS & EGRESS L. 3385 F. 860

OPEN SPACE PARCEL 'A' WEST FRIENDSHIP EASEMENT SECTION 1 PLAT No. 114

LOT 85 55,123 Sq.Ft.

LOT 86 40,177 Sq.Ft.

LOT 87 44,621 Sq.Ft.

L=1156.59' LINE

65 dba NOISE LEVEL LINE

1796

APPLICATION

PERCOLATION TESTING

*RAIN OUT
RESCHEDULE TO 6/19/98*

A 5/10/98
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____
DATE 5-7-98

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

*THOSE TEST
RESULTS ARE FOR
THE EXISTING HOUSE
3200 WEST IVORY
NOW 3200 FOX VALLEY DR.
INDEX A41662*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JEFFREY & LYNDA WELLEN

ADDRESS 3200 FOX VALLEY DRIVE PHONE (410) 442-3290

AGENT ~~PROSPECTIVE BUYER~~ MIKE LAURENO

ADDRESS 10805 HICKORY RIDGE RD. PHONE (410) 740-2100 EXT 207
COLUMBIA, MD 21044

PROPERTY LOCATION: WEST FRIENDSHIP

SUBDIVISION FOX VALLEY LOT NO. _____

ROAD AND DESCRIPTION PAVED "OPEN SECTION" COUNTY DEDICATED

TAX MAP 22 PARCEL # 'P'

SIZE OF LOT 60,000 SQ FT. TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

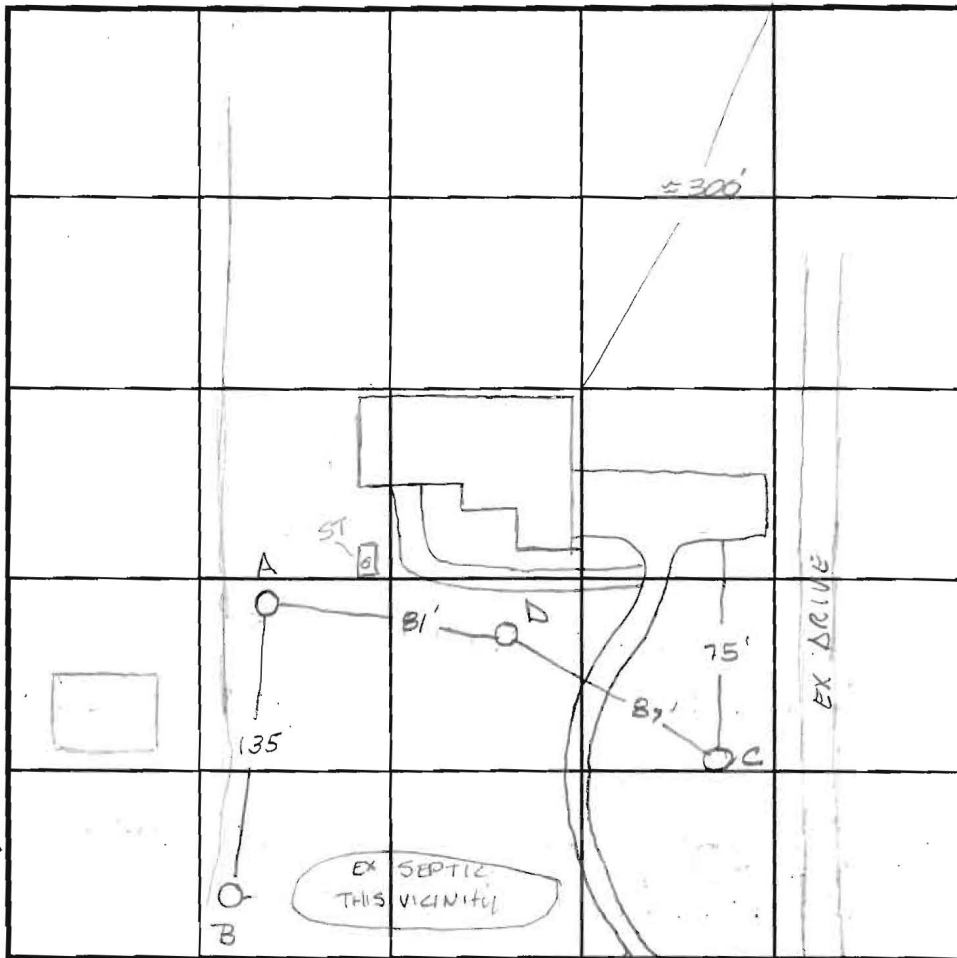
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' heavy red brown silty
 3.5' dark red brn silty 30% R
 6.0' or brown silty 60% R
 9.5' water

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------------------------------|---------|---------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 6-15-98 | A | Refusal @ 2.0' | | | | | F |
| | B | Refusal @ 4.0' | | | | | F |
| | C | Insufficient depth to bedrock | | | | | |
| | | | 1 sec | profile | | | F |
| | D | Refusal @ 5.5' | | | | | F |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS Unable to establish 10,000 sq ft for existing house so Parcel "f" not tested

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

50+' Minimum

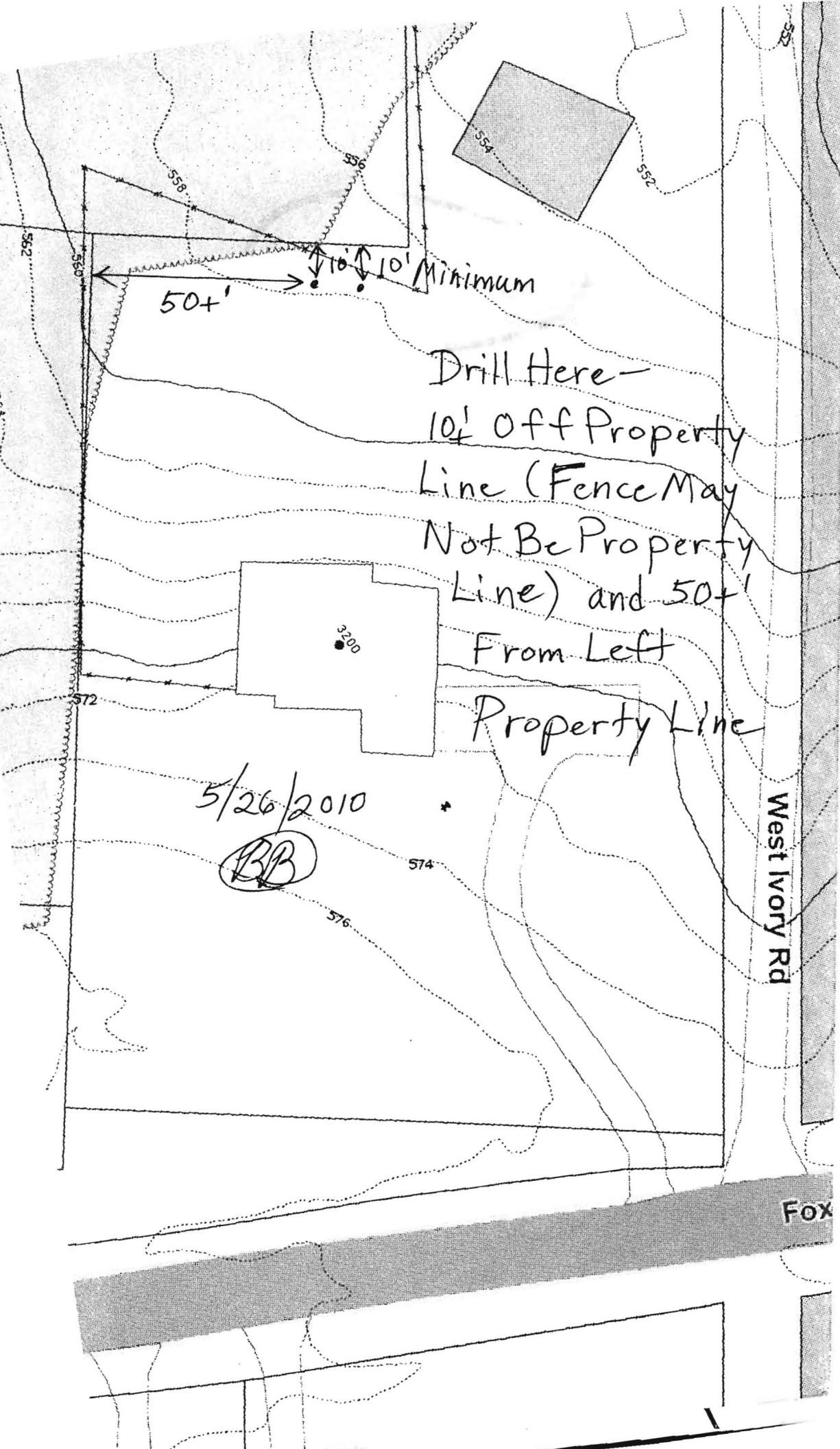
Drill Here -
10' Off Property
Line (Fence May
Not Be Property
Line) and 50+'
From Left
Property Line

5/26/2010

BB

West Ivory Rd

Fox



10/29/98

Owner Jeff Wellen came in to talk about the status of perc application w/ AU & CW. His property consists of several parcels under common ownership.

- Explained History of property
- would be poor practice to allow another house when it is known there is no repair area for existing house
- Agreed to further testing if applicant still wants to proceed
- No decision on how each lot would be treated. Is it subdivision, therefore subject to s/p regulations.
- Applicant was led to believe, by LD & D that by giving them Parcel P as part of W. Friendship Est Subdivision, the Wellens would be able to create another buildable lot.

A McMiller

*

8004 - Approximate location only (not surveyed)
Failed for deep clay and shallow depth
to water table.

1324 - Passed

1323 - No perc @ 8.0' - caving sides may indicate
water table problem - not tested in wet
season

1326 - Refusal @ 9.5' - test passes by itself
but to use in a system w/ other holes on
SDA that do not perc @ 8.0' not possible

1325 - Passed



HOWARD COUNTY HEALTH DEPARTMENT

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

September 14, 1998

Jeffrey & Lynda Wellen
3200 Fox Valley Drive
West Friendship, Maryland 21794

RE: Percolation Testing
3200 Fox Valley Drive
Tax Map: 22 Parcel: "P"

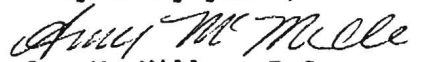
Dear Mr. & Mrs. Wellen,

Initial percolation testing on the above referenced property was not successful. Since that time, information provided by you suggests that the circumstances could be different than originally presented.

Please contact this office in order to schedule a meeting to discuss how to proceed with further evaluation of this property.

Thank you in advance for your cooperation. If you have any questions regarding this matter, please feel free to contact me at (410) 313-2640.

Very truly yours,


Amy Mc Millen, R.S.
Water & Sewerage Division

AM:am
cc:Mike Laurenco
file



HOWARD COUNTY HEALTH DEPARTMENT

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

July 22, 1998

Jeffrey & Lynda Wellen
3200 Fox Valley Drive
West Friendship, Maryland 21794

RE: Percolation Testing
3200 Fox Valley Drive
Tax Map: 22 Parcel: "P"

Dear Mr. & Mrs. Wellen,

Percolation testing conducted June 15, 1998, on the above referenced property yielded unsatisfactory soil conditions. On this date, shallow depth to bedrock was observed in test holes in the front of the property. Percolation testing conducted November 2, 1988, revealed shallow depth to the groundwater table in the rear of the property. Due to the outcome of these percolation tests, the establishment of a septic easement to serve the existing house, as required in subdivision regulation, was unsuccessful utilizing the conventional trench septic system.

Infiltrometer percolation testing for a sand mound septic system could be performed in an effort to establish an on-site septic easement to serve the existing house. However, site conditions may limit the success of this testing due to the specific standards relative to sand mound septic systems.

If you wish to pursue this alternative form of percolation testing, please contact this office so that we may schedule a conference to discuss testing procedures and possible outcomes.

Thank you in advance for your cooperation in this important matter. If you have any questions regarding this matter, please feel free to contact me at (410) 313-2640.

Very truly yours,

Amy Mc Millen
Amy Mc Millen, R.S.
Water & Sewerage Division

AM:am

cc: Tax Assessment Office
file

Howard County Health Department

To: MR Welton

Enclosed are copies of what
records I could find.
They are difficult to read
so if you need assistance
in interpreting them,
please feel free to call
410 373 2640

From: Amy McMiller

Date: 11/4/98

HD-170

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A-48779

"A" "Still" "A"

Wood Fence

Big (Red) Home

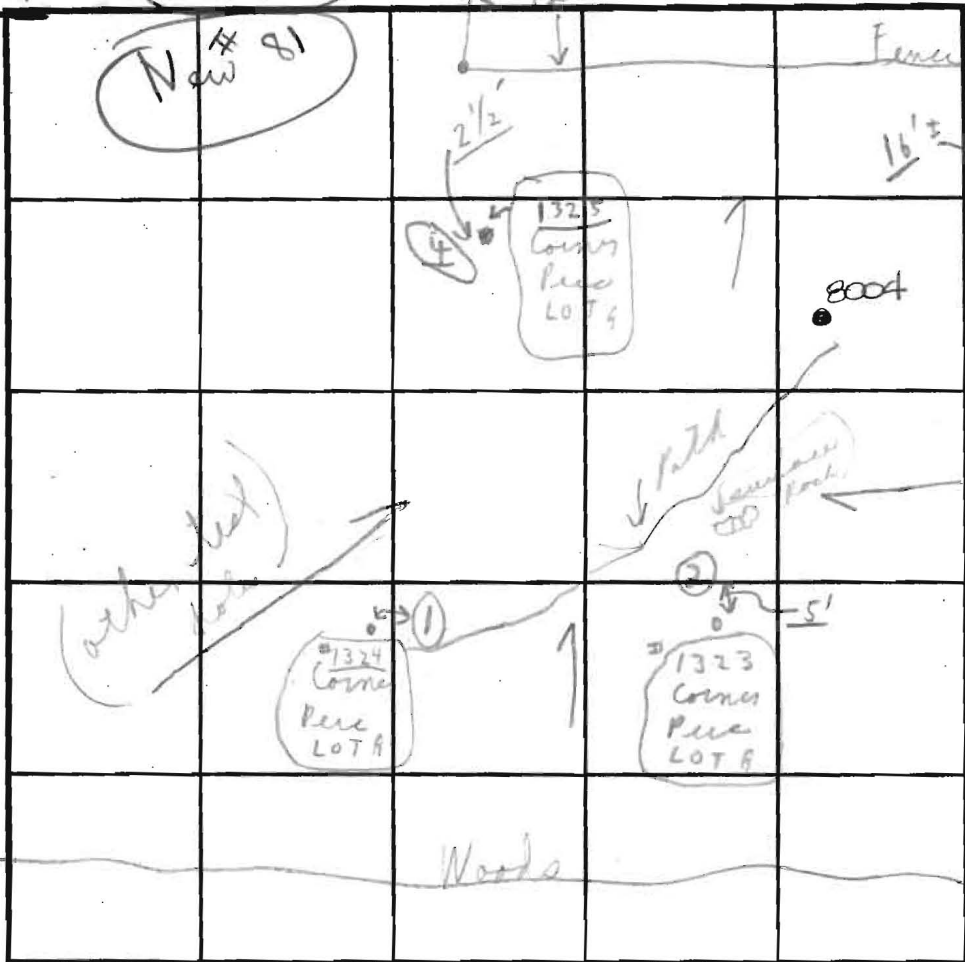
COUNTY #

SOIL PROFILE

SOIL PROFILE

0' 8004
lgt tan clay
7.0 red Si Salm
11.0 red & yellow mottled silm very damp heavy - probable H₂O
14.0

0' #1326 State Cor. Percal
3' Low



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

8-8-98 8004 Visual to 14.0 - see profile - F

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|----------|---------------------|----------------------------------|------------------------|--------------------------|---------------|--------|
| | | | START | STOP | START | STOP | |
| 12/22/92 | #1324 | ' | (; Visual | No Test | | | |
| Tues | # ① | 12 1/2' | (Loam below clay) | | | | |
| P.M. | #1323 | 4'3" | 1:17 | 1:18 | 1:18 | 1:21 | 3m |
| 3rd col | # ② | 8' | 1:16 | 1:17 | 1:46 | 1:(3/4") | XX |
| | #1326 | 3-9" | 12:56 | 12:59 | 12:59 | 1:04 | 5m |
| | # ③ | 9 1/2' | | (Rock 45% Loam 55%) | | Hard @ 9 1/2' | 1 1/2 |
| | #1325 | 2 1/2' | 1:09 | 1:10 | 1:10 | 1:11 | 1m |
| | # ④ | 10 1/2' | Test end closest to fence corner | | Prof all loam below clay | | |
| | → ② | 2' | 1:27 | 1:42 | 1:42 | (2:12) (XXX) | (2:12) |
| | | (Piece Under shelf) | | | | 1/2" + sides | cover |

REMARKS: (Tests in Woods) * (Shallow system only) *
 TYPE OF SOIL: Dry (limited soil) if house into it
 TESTED BY: C. B. ... ALSO PRESENT: (O.K. G. + Helpers)
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____
 * (Limited - shallow system) Final Report

SOIL PROFILE

0

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INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
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REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 48779
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
PO BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

4-29-96
Lot Dropped
due to failed
perc tests and
unacceptable
site conditions
AW

DISTRICT _____

DATE 12/2/92

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER West Friendship New Town Co

C/o Land Design + Development Inc.
ADDRESS 10805 Hickory Ridge Rd Col. 21044 PHONE 740-2100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates LOT NO A 86

ROAD AND DESCRIPTION Rt 32 + Pfefferkorn Rd

TAX MAP 15 PARCEL # 32442

SIZE OF LOT 1 ± acres TYPE BLDG SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

M. D. K...
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

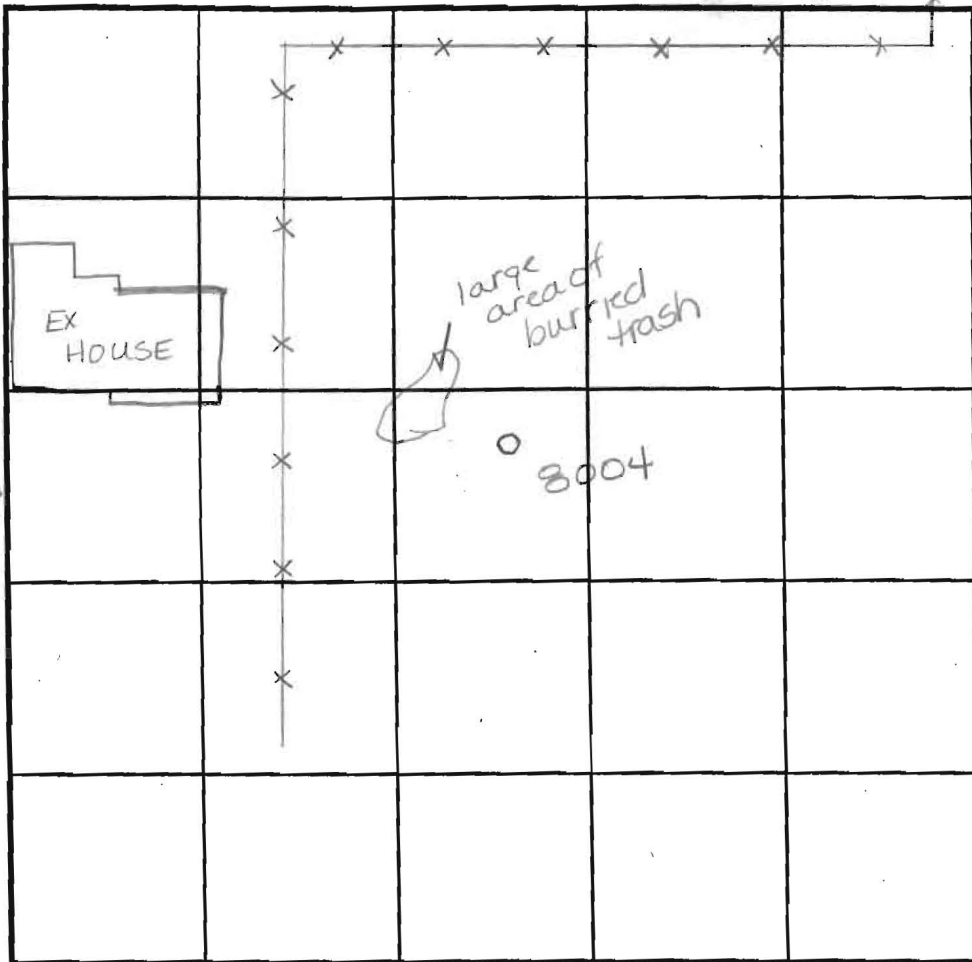
COUNTY #

SOIL PROFILE
8004

0'
1 ft tan
clay

7'
red
siltsalm

11'
red & yellow
mottled
siltsalm very
damp & heavy
probable high
14'
H₂O table



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|--------------|---------------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 8-8-95 | 8004 | Visual to 14 | - see profile | | ~ | F | |
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REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMullen ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



HOWARD COUNTY HEALTH DEPARTMENT

A526242

DATE
2 / 20 / 07

Received From Jeffrey J. Whellan

PHONE # 443-226-9021

3200 Fox Valley Drive, W. Friendship MD 21794

For Proc Application

- CASH
- CHECK

3220 Fox Valley Drive

NO. 4975

739536

Five hundred six and 00/100

Dollars

\$

506 00

Received By Mary P. Bugge



HOWARD COUNTY HEALTH DEPARTMENT

DATE 5/13/98

510140

Received From

Michael Swanson

10102 Hobson Christie Lane, Ellicott City, MD 21042

For

Per repair

Wash E windshield wipers

Fox Kelley Drive - observation Repair

Twenty Five & No/100

Dollars

CASH CHECK

NO.

2445

\$ 25 00

Received By

W. Gene Swanson

Test Date: Thursday June 11, 1998



HOWARD COUNTY HEALTH DEPARTMENT

32557

DATE
3 / 17 / 10

perc AS

Received From

Lynda Welton

PHONE # 410.412.3290

- CASH
- CHECK

For repair perc.

500 Fox Valley Drive

NO.

41836

one hundred sixty five

Dollars

\$

165 00

Received By

LLS/mj