

APPLICATION

PERCOLATION TESTING

A 516720

P _____

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

DISTRICT 3RD

DATE APRIL 10 2002

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 HUANG LEE SYAN

ADDRESS 223 MIN-CHUAN, TAICHUNG FC 00000 PHONE 410(46)-2855 FCC OFFICE

AGENT OR PROSPECTIVE BUYER DR CHARLES LOTIMI

ADDRESS 4 DELFORD AVE. Silver Spring, Md. 20904 PHONE 202.345.4350

PROPERTY LOCATION:

SUBDIVISION FORMERLY JEFFREY ROBINSON PROPERTY LOT NO. _____

ROAD AND DESCRIPTION Property is located 1 mile North of Rte 99 on
APPELOT ROAD

TAX MAP 17 PARCEL # 161

SIZE OF LOT 11.6 ± Ac TYPE BLDG. 3 or 4 Bedroom - Residential
(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

COUNTY #

SOIL PROFILE

400

brn mica lm

2-3
tan brn gray mica sand
15-25% frags

30-35% RX

403 DOWN 401

brn mica lm

tan brn mica sa lm

5
tan gray mica sand
10-20% frags

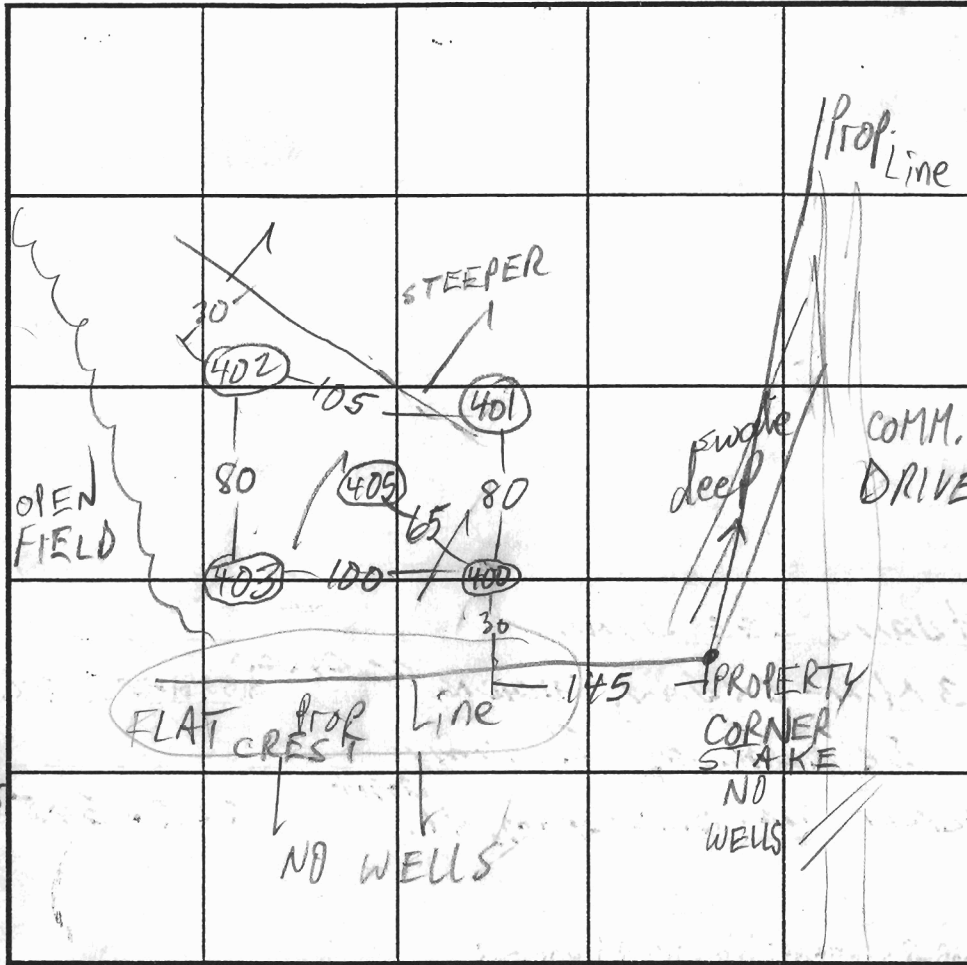
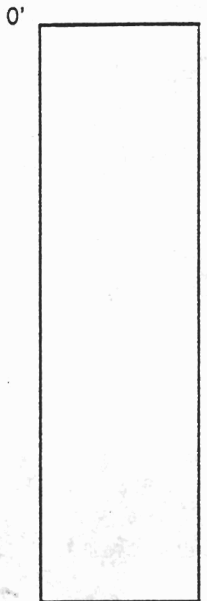
402

brn white mica flecks sand

10-15% frags

9
20% HARD SAPROLITE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. O. F. RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/24/02	400 M	7 9/16	10:43:35	10:45:50	10:45	10:50	5
	403 M	7	11:09:55	11:10:55	11:10:55	11:12:55	2
	402 M	7	11:30:10	11:34:10	11:34	11:41	7
	401 M	7 1/2	11:53:50	11:54:50	11:54:50	11:57:20	2 1/2
	405 V	11 1/2					

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 3

INLET DEPTH 2 1/2 MAXIMUM BOTTOM DEPTH 4 1/2 SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 47755
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

*PREVIOUS OK - NEW TEST REQ'D.
PREVIOUS TESTS A 31005
FROM 1980*

DISTRICT _____
DATE 1/22/92

*MAY UNCERTAINTY OF LOT BOUNDARIES,
PLAT NOT SUBMITTED,
WAY TO CONFIRM ORIGINAL RESULTS 1/22/92 CW*

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 LOUIS A AFFELDT

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER DR KUANG-YEN HUANG

ADDRESS 8972 FURROW AVE PHONE _____

PROPERTY LOCATION:

SUBDIVISION AFFELDT PARCEL LOT NO. COMBINED LOTS 11-12-13

ROAD AND DESCRIPTION OLD FREDERICK P.D.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 11+ ACRES 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. Judith R. [Signature]
(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

APPLICATION

PERCOLATION TESTING

A 47753

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 1/22/92

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 Huang

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER Jeff Robinson

ADDRESS 2374 McKenzie Rd, Ellicott City PHONE _____

PROPERTY LOCATION:
SUBDIVISION Affeldt Prop LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP 17 PARCEL # 161

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

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(SIGNATURE OF APPLICANT)

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REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

888 P. 30 P.M.
Publ.

APPLICATION

SEWAGE DISPOSAL TESTING

A 3/1/85

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd.

1/22/92 18016W
NEW TESTS REQUIRED,
TESTED 1980 WITH UNCERTAIN PROPERTIES,
REQUESTS LOCATION PLAN NEVER SUBMITTED
C. Wilcher

DATE 10/29/80

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 Louise Affeldt
10354 Route 99, Woodstock, Maryland
Contact Joan Telly - 988-9646
PHONE Real Estate Agent

PROPERTY LOCATION

SUBDIVISION _____ LOT NO _____

ROAD AND DESCRIPTION Property is located 1 mi. north of Route 99 on Affeldt Road

SIZE OF LOT 11.874 m/1 TYPE BLDG 3 or 4 Bedrooms

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

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ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT Joan Telly for Louise Affeldt

APPROVED BY _____ FOR _____ DATE _____

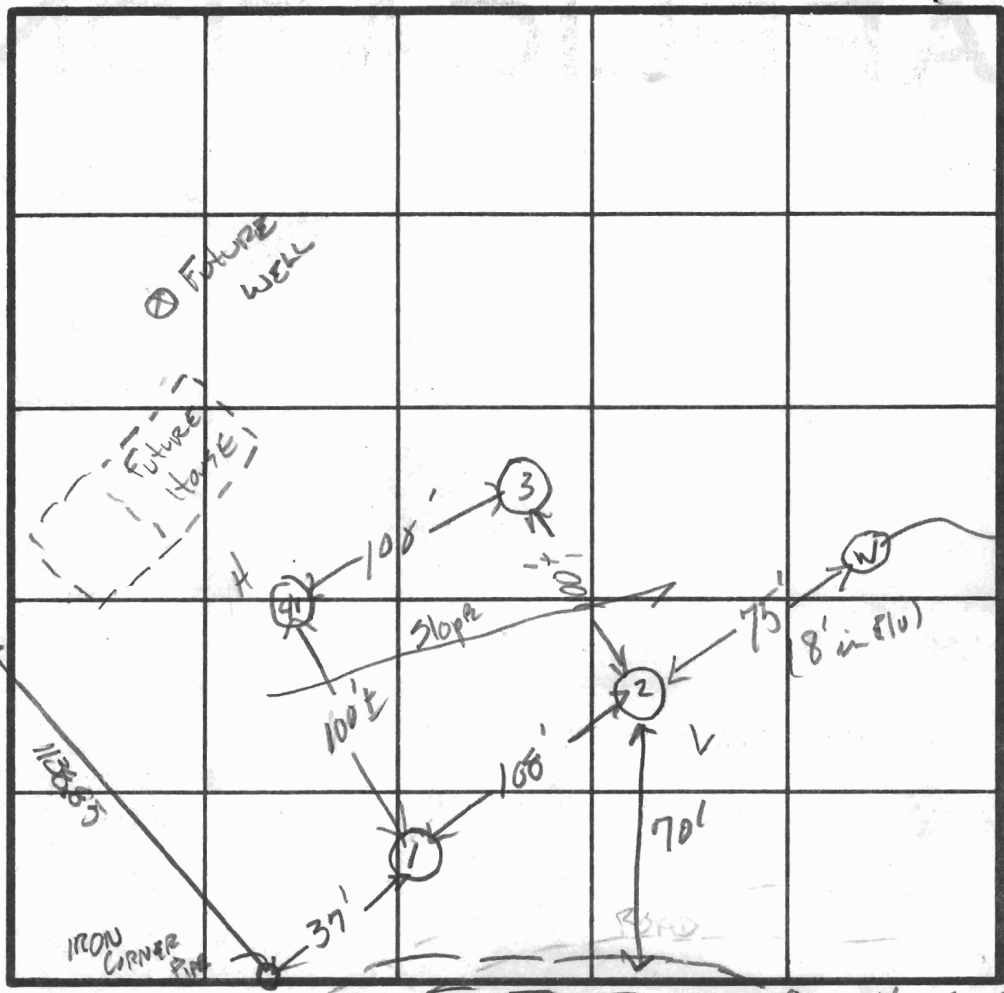
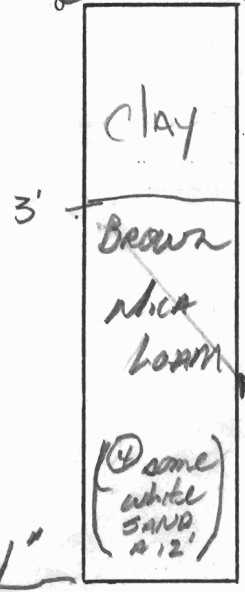
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Stephen Kell DATE 10/31/80

REASONS FOR REJECTION OR HOLDING 10/31/80 for house & well site and certified holes
OK for qualifying letter per FF 10/31/80 SK

THIS IS NOT A PERMIT

① ② ③ ④
SOIL PROFILE



WRT NO WATER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. 913.71' 536-51-53' W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/30/80	1s	3'	2:06	2:07	2:07	2:09	2min
	1D	12'	2:05	2:08	2:08	2:11	6min
	2s	3'	1:55	1:56	1:56	1:58	2min
	2D	12'	1:55	1:57	1:57	2:02	5min
	3s	3'	2:47	2:48	2:48	2:50	2min
	3D	13'	2:47	2:50	2:50	2:58	8min
	4s	3'	3:15	3:16	3:16	3:19	3min
	4D	13'	3:16	3:17	3:17	3:20	3min

REMARKS iron corner post AND 913.71 lot line only staked

TYPE OF SOIL

TESTED BY SK 10/30/80

ALSO PRESENT SKIPP + J. Colby
MR. SUIDER
MR. ROBISON

1-304.11
Pub

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 3/1005
P (C) 3

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd
DATE 10/29/80

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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10354 Route 99, Woodstock, Maryland
Contact Joan Telly - 988-9646
PHONE Real Estate Agent

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ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT Joan Telly for Louise Affeldt

APPROVED BY _____ FOR _____ DATE _____

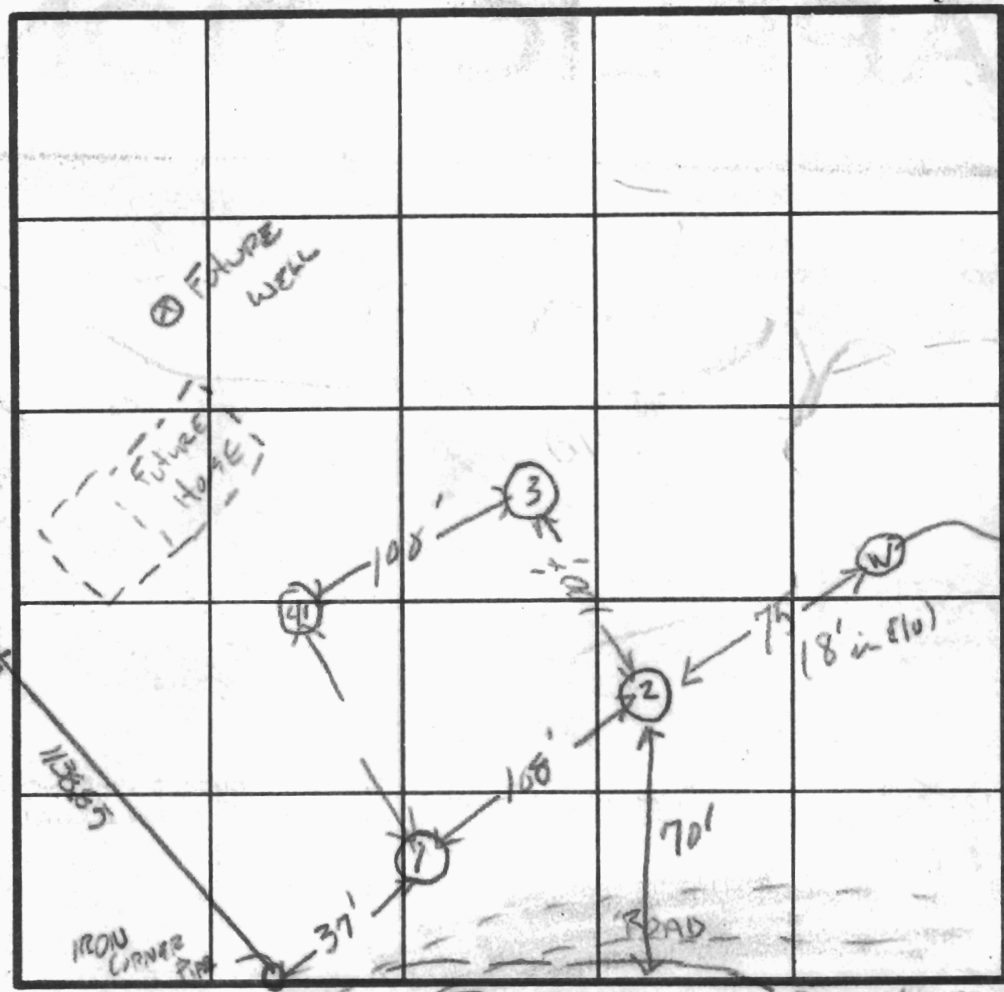
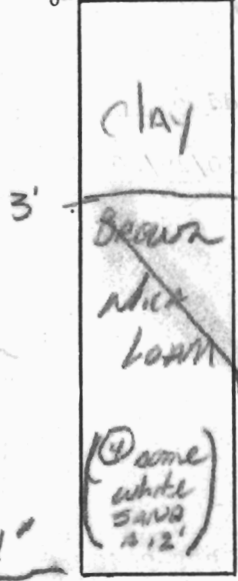
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE ① ② ③ ④



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE 413.71' 536° 51' 53" W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1s	3'	2:06	2:07	2:07	2:09	2min
	1D	12'	2:05	2:08	2:08	2:11	6min
	2s	3'	1:55	1:56	1:56	1:58	2min
	2D	12'	1:56	1:57	1:57	2:02	5min
	3s	3'	2:47	2:48	2:48	2:50	2min
	3D	13'	2:47	2:50	2:50	2:58	8min
	4s	3'	3:15	3:16	3:16	3:19	3min
	4D	13'	3:16	3:17	3:17	3:20	3min

REMARKS IRON CORNER POST AND 413.71 1st line only staked

TYPE OF SOIL

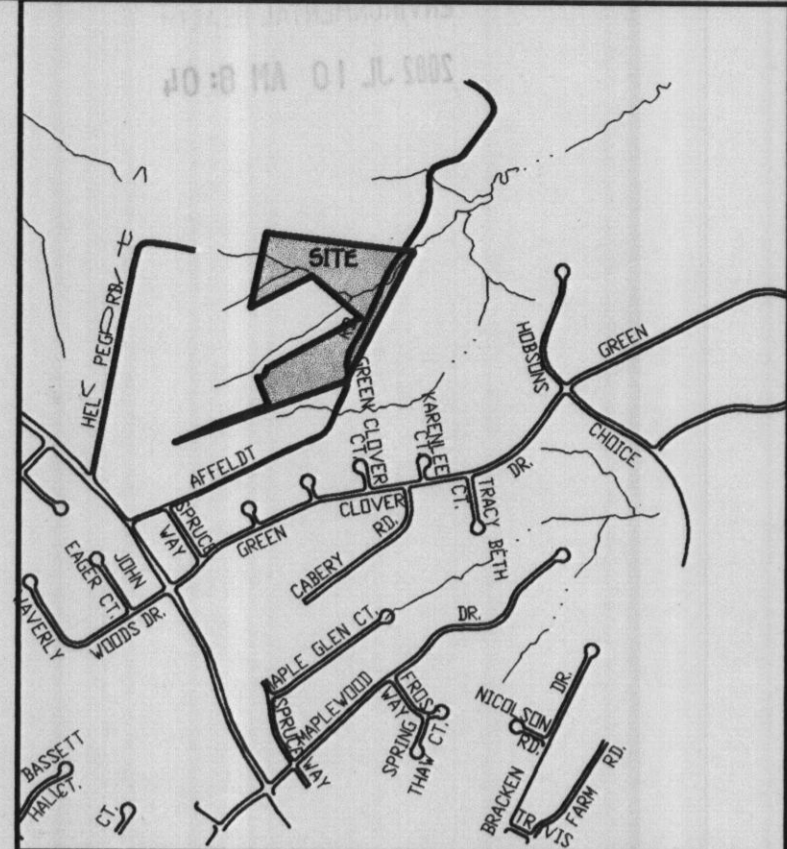
TESTED BY SK 10/30/50

ALSO PRESENT SKIPP + J Colley
ME SWIDER
ME Robinson

LEGEND

- EXISTING 5' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊕ DENOTES PROPOSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
 Signature of Professional Land Surveyor _____ Date 7/16/02



VICINITY MAP
 SCALE: 1" = 1200'

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER MR DATE 7/16/02

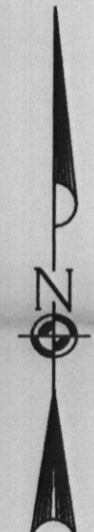
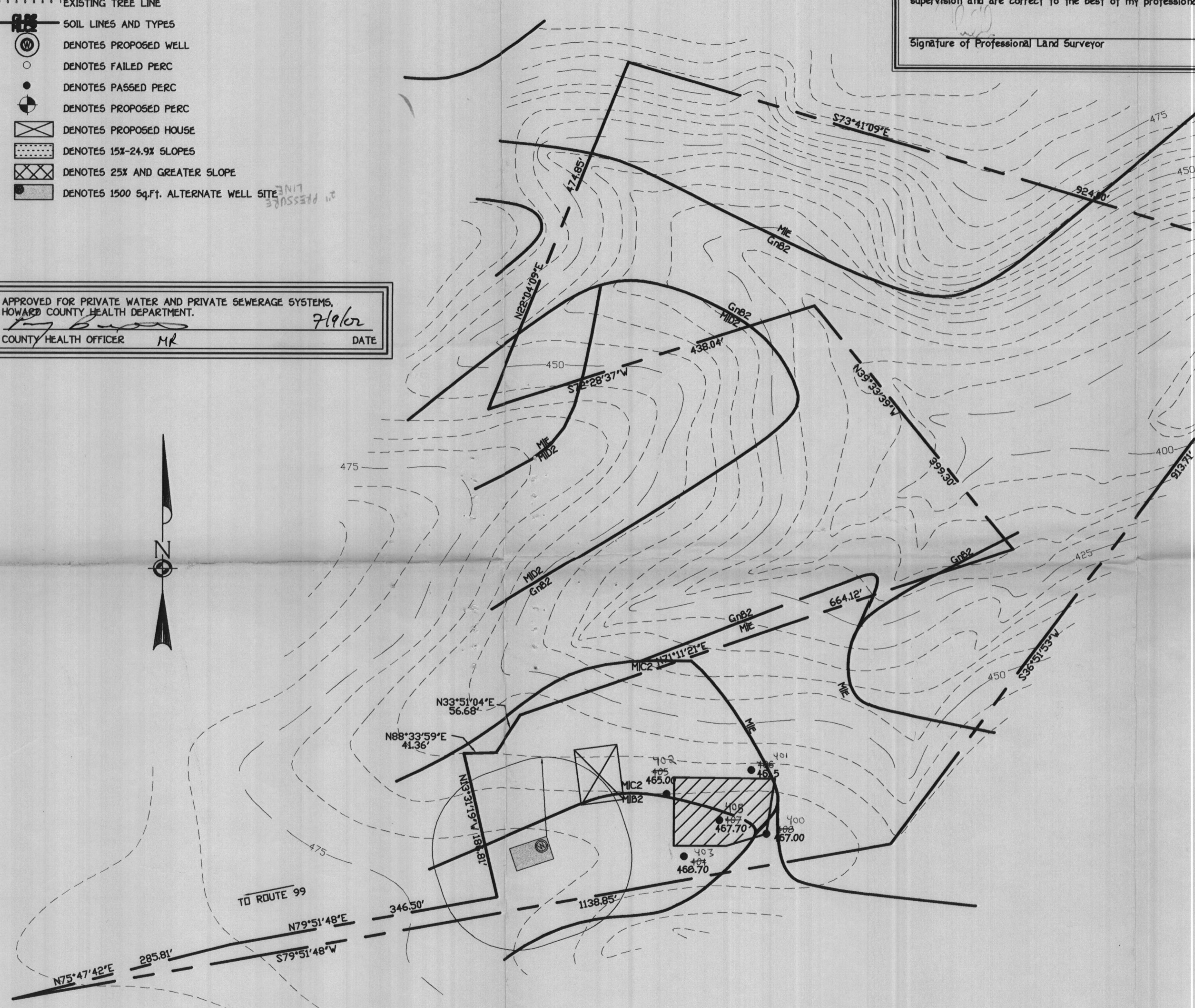
GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE 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 A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
6. IF THE WELL SUCCESS RATE IS ACCOMPLISHED AT VARIOUS LOCATIONS WITHIN THE SITE, THE DEVELOPER SHALL HAVE THE OPTION TO REQUEST RELIEF FROM DRILLING THE REMAINING WELLS PRIOR TO PLAT RECORDATION.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. SOIL LINES ADJUSTED TO FIT TOPO AND SITE/SOIL CONDITIONS AS OBSERVED AT TIME OF PERC TEST AND ARE NOT PRECISE.

SOILS LEGEND

SOIL	NAME	CLASS
MIC2	Manor loam, 0 to 15 percent slopes, moderately eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 0 percent slopes, moderately eroded	B
* GrB2	Glenville silt loam, 3 to 0 percent slopes, moderately eroded	C
MIE	Manor loam, 25 to 45 percent slopes	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



K:\Drawings\3130548 Affeldt Property - Liller.dwg\PERC CERT.dwg, 7/1/2002 9:25:10 AM

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2955



PERC CERTIFICATION PLAT
HUANG LEE SYAN

TAX MAP *17 ZONED: R-20 PARCEL: 161
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"= 100' DATE: JUNE 19, 2002
 REVISED JULY 1, 2002

PC 516920