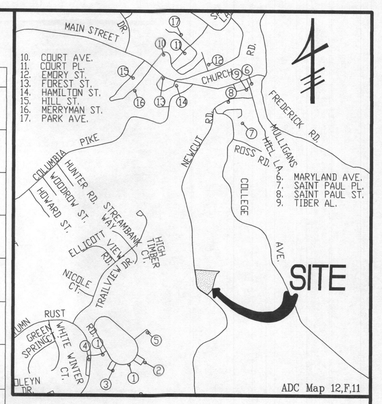
Perc. Chart (3 Bedroom Max.)

No.	Elev.	Perc. Time		
1	288.6	5' / 13'	FIRST 1" DROP= 2 MIN. SECOND 2" DROP= 4 MIN.	PASSED
2	287.8	7' / 15'	FIRST 1" DROP= 3 MIN. SECOND 2" DROP= 5 MIN.	PASSED
3A	289.4	5' / 13'	FIRST 1" DROP= 12 MIN. SECOND 2" DROP= 13 MIN.	PASSED
4	288.1	– / 11'	TOO HARD	FAILED
4A	290.7	6.5' / 13'	FIRST 1" DROP= 3 MIN. SECOND 2" DROP= 7 MIN.	PASSED
5	287.6	7'	OBSERVATION ONLY	
5A	290.7	13.5'	OBSERVATION ONLY	PASSED
6	289.6	4' / 13'	FIRST 1" DROP= 2 MIN. SECOND 2" DROP= 4 MIN.	PASSED
7	289.8	17'	OBSERVATION ONLY	PASSED
8	288.6	9'	OBSERVATION ONLY	PASSED

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 AREA 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. THIS LOT WAS CREATED PRIOR TO 1972.



VICINITY MAP
1" = 1000'

GENERAL NOTES

1. TOPO IS FROM FIELD RUN SURVEY BY MARKS AND ASSOCIATES, DATED JULY, 2006 AND SUPPLEMENTED WITH AERIAL TOPOGRAPHY. TOPO REFLECTS FIELD MATCHED CONDITIONS WITHIN CLEARED AREA AND SEPTIC DISPOSAL AREA.

2. THERE ARE NO EXISTING WELLS OR SEPTIC AREAS WITHIN 100' OF PROPERTY BOUNDARIES.

3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

4. MACADAM DRIVEWAY OVER SDA IS TO BE REMOVED PRIOR TO BUILDING PERMIT APPROVAL.

5. ALL WELLS TO BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO BUILDING PERMIT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP THE HEALTH DEPARTMENT SIGNATURE OF THE PERMIT.

6. EXISTING LEACHING TRENCH IS TO REMAIN IN SERVICE.

7. DRYWELLS # 1, 2, & 4 ARE PROPOSED AND WILL BE CONSIDERED AS A REPLACEMENT SYSTEM WHEN THE EXISTING LEACHING TRENCH FAILS.

8. EX. WELL IS TO BE ABANDONED AND CAPPED PRIOR TO BUILDING PERMIT APPROVAL.

LEGEND

- PROP. DRYWELL LOCATION (SDA SYSTEM #2) 10' DIAMETER
- EX. TREES
- FAILED PROP. PERC. LOCATION
- OBSERVATION HOLE
- PASSED PROP. PERC. LOCATION
- PROPERTY LINE
- TREELINE
- EXISTING CONTOUR (190)
- PROPOSED CONTOUR (190)
- 15%-24.9% SLOPES
- 25% SLOPES
- PROP. SDA AREA
- MACADAM TO BE REMOVED

SOIL CLASSIFICATION		
SYMBOL	TYPE	DESCRIPTION
Co	C	Codorus Silt Loam
MsF	C	Montalto and Relay, Very Stony Silt Loam, 25-60% Slopes

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.

12-01-06
Date

STATE OF MARYLAND — JOHNNIE RAY HEINRICHS — No. 14920 — PROFESSIONAL ENGINEER

JOHN R. HEINRICHS
Professional Engr. No. 14920

THIS LOT WAS CREATED PRIOR TO 1972

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

HOWARD COUNTY HEALTH OFFICER — DATE 12/4/06

Date	No	Revision Description

OWNER/DEVELOPER
MR. GEOFFREY HERMANSTORFER
4013 New Cut Road
Ellicott City, MD 21043-5511
202-744-9791

PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A Joh Avenue
BALTIMORE, MARYLAND 21227
(410) 247-8833 FAX 247-9397

PROJECT LOCATION
4013 New Cut Road
Ellicott City, MD 21043-5511
Zone R-ED Map 25 Grid 14 Parcel 295 Deed 8888/81

TITLE
PERCOLATION CERTIFICATION PLAN

Des By	R.J.W.	Scale	1" = 20'	Proj No	06-040
Drn By	S.E.W.	Date	JULY, 2006	DRAWING NO	1 OF 1
Chk By	J.R.H.	HCHD Receipt #25176			