

APPLICATION

PERCOLATION TESTING

A 516204

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

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 William Walk

ADDRESS P.O. Box 118, Glenwood, MD 21738 PHONE _____

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 3

ROAD AND DESCRIPTION Lot #4, Green Meadows, Rt. 97 and McKendree Road

TAX MAP NO. 14 PARCEL # 217

SIZE OF LOT 30.54 Acres TYPE OF 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 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

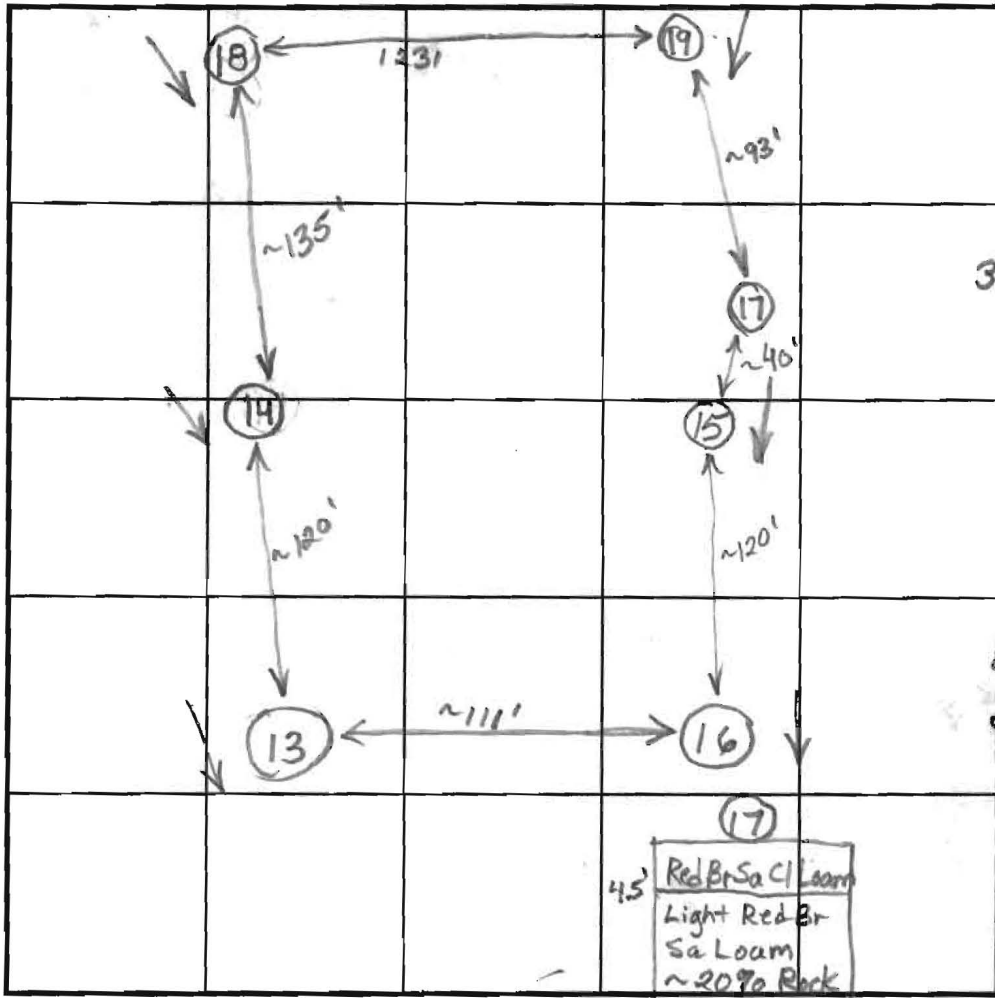
COUNTY #

SOIL PROFILE

0' (13)
 Red Br SaCl Loam
 3.5'
 Light Br Sa Loam
 ~20% Rock
 10' Water

(16)
 Red Br SaCl Loam
 4.5'
 Red Br Sa Loam
 ~16% Rock
 4.5' Water

(15)
 Red Br SaCl Loam
 5'
 Brown Sa Loam
 ~15% Rock
 11.3' Water



SOIL PROFILE

0' (19)
 Red Br SaCl Loam
 3.5'
 Red and Light Br Sa Loam
 ~100% Rock
 8.5' 750% Rock Hard Bottom
 9.5' (18) (14)
 Red Br SaCl Loam
 Red Br Sa Loam
 20-30% Rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Mckendree Road 135'

13.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/25/01	13	10'3" V	-Insufficient Depth to Water Table-				(F)
	16	4.5' V	-Insufficient Depth to Water Table-				(F)
	15	3' / 11.9" V	11:42	11:43	11:43	11:46	3 (F)
	19	2.5' / 9.5" V	11:48	11:51	11:51	11:55	4 OK
	18	3.5' / 13.5" V	11:59	12:00	12:00	12:03	3 OK
	14	3' / 14.5" V	12:07	12:15	12:15	12:29	14 OK
	17	13.5' V	See Profile				OK
8 foot groundwater buffer required							

REMARKS 13, 15, +16 Failed, Insufficient Depth to Water Table

TYPE OF SOIL 14, 17, 18 +19 Are OK for a Shallow System

TESTED BY B. Baker

ALSO PRESENT Tim Feaga, Chuck Zepp,

TRENCH DESIGN DATA: AVG. PERCOLATION TIME 6

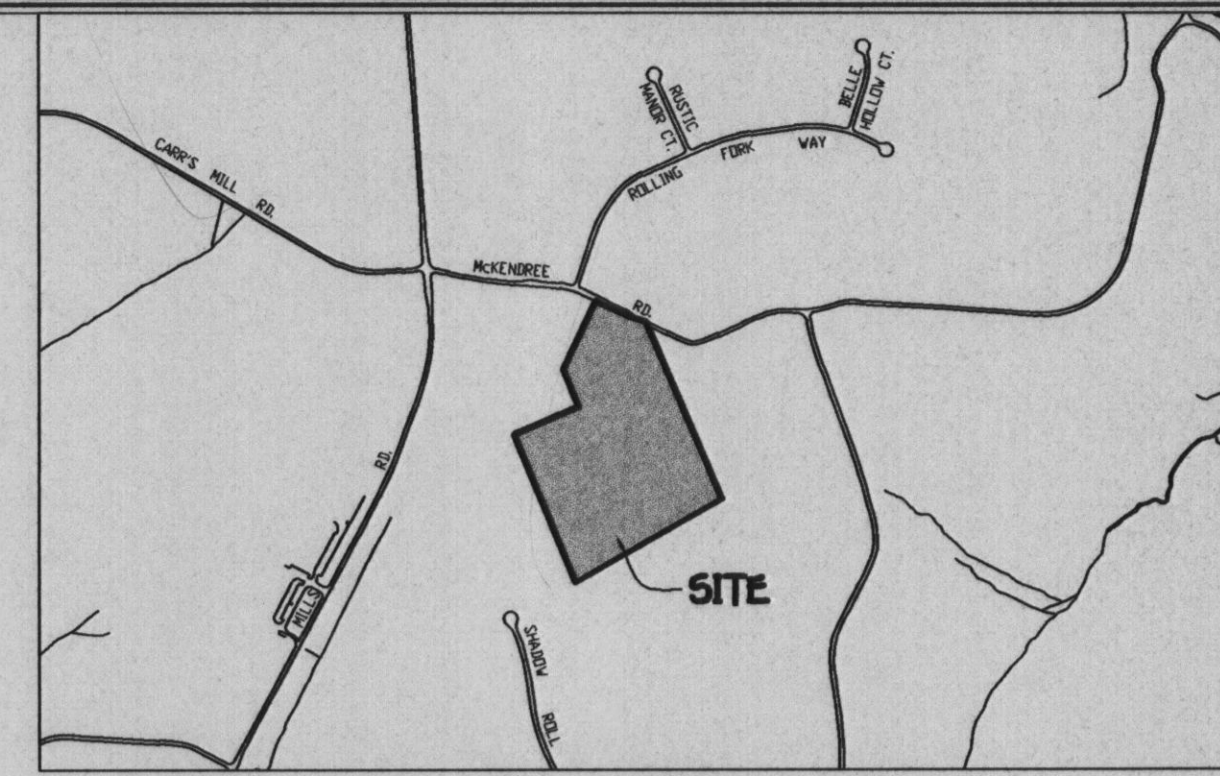
TRENCH WIDTH Bill Walk

INLET DEPTH 1.5'-2' MAXIMUM BOTTOM DEPTH 4'

SQ. FT./BEDROOM 180

SOILS LEGEND		
SOIL	NAME	CLASS
** Ba	Balle silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
EkB2	Elloak silt loam, 3 to 8 percent slopes, moderately eroded	B
EkC2	Elloak silt loam, 8 to 15 percent slopes, moderately eroded	B
GnA	Glenville silt loam, 0 to 3 percent slopes	C

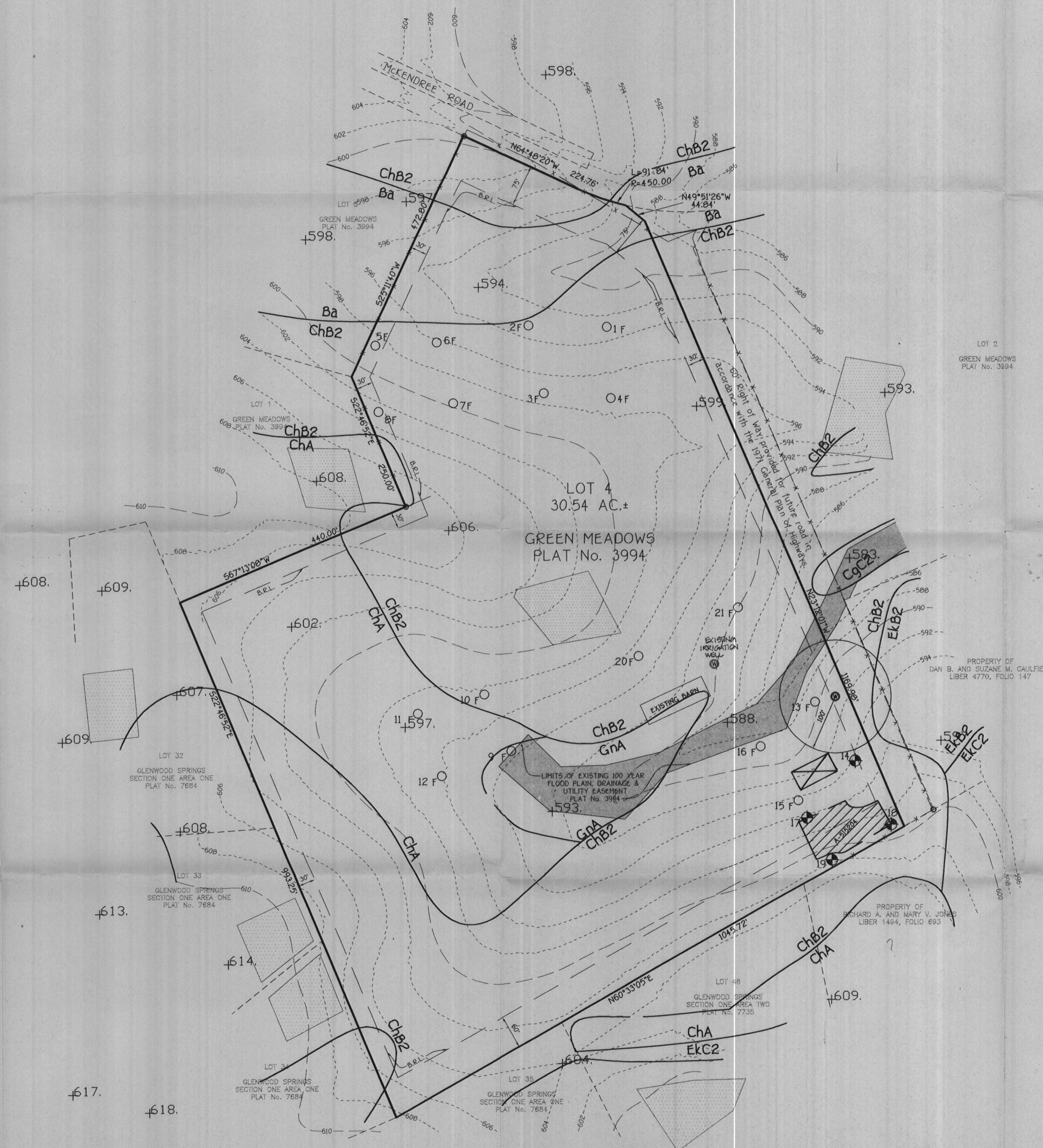
NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



VICINITY MAP
 SCALE: 1" = 1200'

GENERAL NOTES:

1. [Symbol] DENOTES PRIVATE SEWERAGE EASEMENT SHOWN ON PLAT ENTITLED "GREEN MEADOWS" AND RECORDED AS PLAT No. 3994.
2. [Symbol] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE 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 ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
3. PROPERTY ZONED RR-DEO.
4. PROPERTY IDENTIFIED AS LOT 4 AS SHOWN ON A PLAT ENTITLED "GREEN MEADOWS" RECORDED AS PLAT No. 3994. METES AND BOUNDS OUTLINE OF LOT 4, "GREEN MEADOWS" IS IN ACCORDANCE WITH RECORDED PLAT No. 3994 AND IS NOT THE RESULT OF A FIELD SURVEY BY FISHER, COLLINS AND CARTER, INC.
5. PROPERTY IS SHOWN ON TAX MAP 14, PARCEL 217, GRID II AND CONTAINS 30.54 ACRES.
6. PROPERTY IS LOCATED IN FOURTH ELECTION DISTRICT.
7. [Symbol] DENOTES EXISTING PASSED PERCOLATION TEST HOLES FIELD SURVEYED BY FISHER, COLLINS AND CARTER, INC. ON JULY, 2001.
8. [Symbol] DENOTES EXISTING FAILED PERCOLATION TEST HOLES FIELD SURVEYED BY FISHER, COLLINS AND CARTER, INC. ON JULY, 2001.
9. [Symbol] DENOTES POSSIBLE WELL SITE.
10. [Symbol] DENOTES POSSIBLE HOUSE SITE.
11. [Symbol] DENOTES EXISTING 100 YEAR FLOOD PLAIN, DRAINAGE & UTILITY EASEMENT AS SHOWN ON PLAT No. 3994.
12. TOPOGRAPHY SHOWN HEREON IS BASED ON 200 SCALE AERIAL HOWARD COUNTY TOPOGRAPHY.
13. ALL WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.



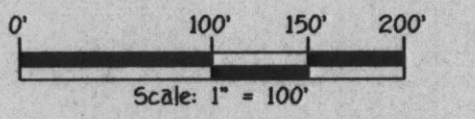
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS CONDUCTED UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PERSONAL KNOWLEDGE AND BELIEF.

[Signature] 10/11/01
 SIGNATURE OF PROFESSIONAL LAND SURVEYOR OR PROPERTY LINE SURVEYOR (W/ SEAL) DATE

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

[Signature] 10-25-01
 COUNTY HEALTH OFFICER DATE

PERC CERTIFICATION PLAN
 LOT 4
 GREEN MEADOW SUBDIVISION
 TAX MAP No. 14 GRID No. II PARCEL No. 217
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



DATE: AUGUST 22, 2001

K:\Drawings\52071 Green Meadows\WMD\Green Meadows Parc Certification Plan.dwg, 10/11/01 07:47:26 AM

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLETTT CITY, MARYLAND 21042
 410.461.2999