



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AD 520013

AGENCY REVIEW: \_\_\_\_\_

DATE 1/2/04

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 4 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) LAWRENCE R & LOIS W HYMAN

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 3681 FOLLY QUARTER ROAD ELICOTT CITY MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT LAND DESIGN & DEV LLC

DAYTIME PHONE 410-480-9105 CELL \_\_\_\_\_ FAX 410-480-0171

MAILING ADDRESS 8000 MAIN STREET ELICOTT CITY MD 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME CAMERON TRACT EX. HOUSE 1 LOT NO. 1

PROPERTY ADDRESS CAMERON ROAD 21042  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 9 PARCEL(S) 29 PROPOSED LOT SIZE 1.9 Ac ±

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

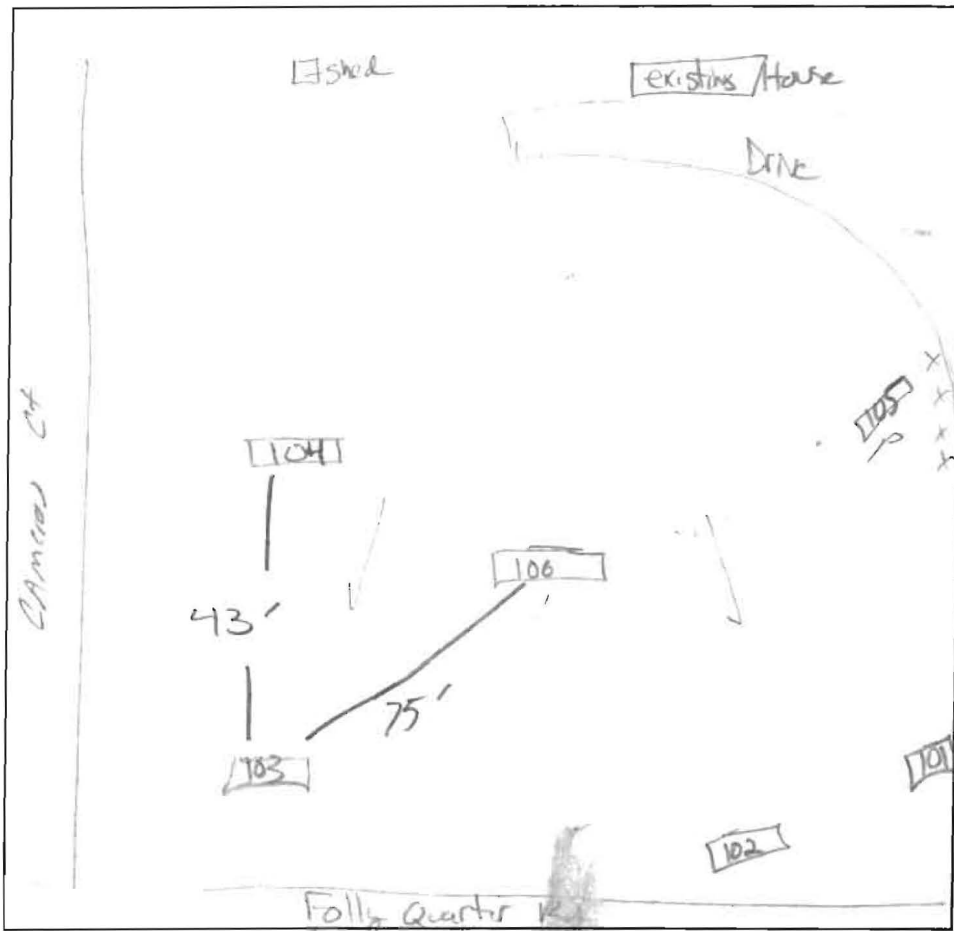
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1777 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AVP

101  
Brown loam 1'  
Orange/Brown clay loam 4'  
Red/Orange clay loam 9'  
gray/tan white sand loam 10 1/2'  
water 11'

102  
Brown/tan Heavy loam 5'  
Orange/Brown Red Silty clay loam 13'  
water 14'

105  
Brown loam 1 1/2'  
Red/Orange clay loam 5'  
tan/Orange yellow sandy clay loam 10'  
10% Rock 12 1/2'



104  
Brown loam 1'  
Red Clay loam 2'  
Orange/yellow clay loam 3 1/2'  
Brown/Black gravelly loam 5'  
white/gray Sand loam 14'

106  
Brown loam 1'  
Red/Orange Brown clay loam 10 1/2' qtz 5'  
tan/Brown Yellow Si Cl loam 13'  
water 14'

103  
Brown loam 6 1/2'  
Brown/Red clay loam 14'  
Orange/yellow Brown Si Cl loam 15'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H	
12-2-01	101	5' 11"	1:07	Pulled at 1:27	-	Slow	-	
	105	5 1/2' 10 1/2'	1:14	1:34	2:02	28min	P	
	102	14'	- Heavy clays + loams -					F
	101	6' 14'	1:42	1:53	2:03	10min	P	
	106	6' 14'	1:58	Pulled	2:33	- slow	F	
	103	15'	- Heavy clays + loams					F

REMARKS # 102 - soils moist to touch [all holes dig for plan except #103]

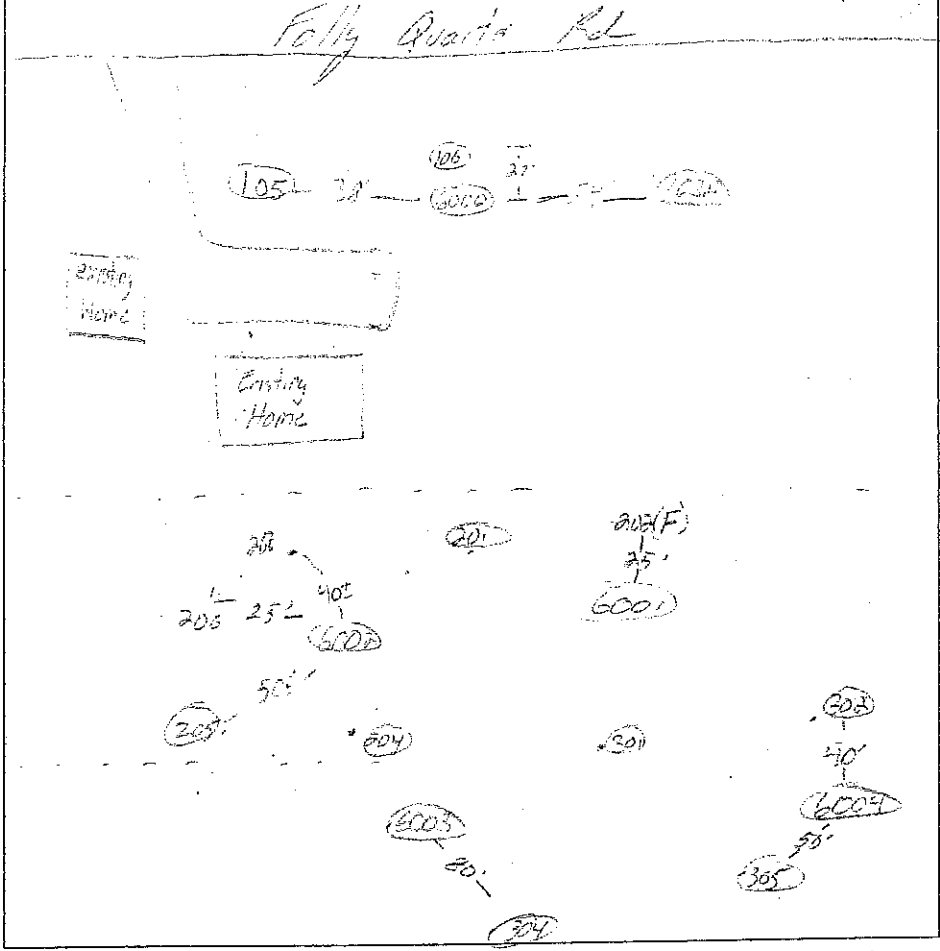
SANITARIAN KB BACKHOE \_\_\_\_\_ OTHERS Mark Johnson

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



# Folly Quarters Rd



1000  
Brown/tan  
course micaceous  
lean silty  
clay

Orange/Red  
Brown/tan  
micaceous silty

Brown/tan  
course micaceous  
lean silty

tan/Brown  
Sand loam

6002  
Brown/tan  
Scl

Red/orange  
Brown  
Cl

tan/Brown  
micaceous  
Scl

tan micaceous  
Scl

W/ 25%  
Rock

6003  
Red/orange  
Brown heavy  
Clay lean

Red/tan  
orange micaceous  
Scl

tan/orange  
Brown micaceous  
Scl

5-10%  
Rock

6001  
Red/orange  
to  
micaceous  
Scl

tan/Red  
orange  
micaceous  
Clay Scl

tan/Brown  
Scl

micaceous  
Scl

10% Rock

6004  
Orange/Red  
Brown  
lean  
micaceous  
uphill -

micaceous  
Scl

tan Brown  
micaceous  
Scl

10% Rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/31/04	6000	6' 13'	9:17	9:31	9:58	27min	P
	6002	6' 13'	10:05	10:17	10:11	4min	P
	6003	6' 13 1/2'	10:18	10:23	10:35	12min	P
	6001	6' 13 1/2'	10:38	10:43	10:52	9min	P
	6004	14'	10:54	10:56	10:58	2min	P

REMARKS #6004 - mottling was seen but only in small pockets.

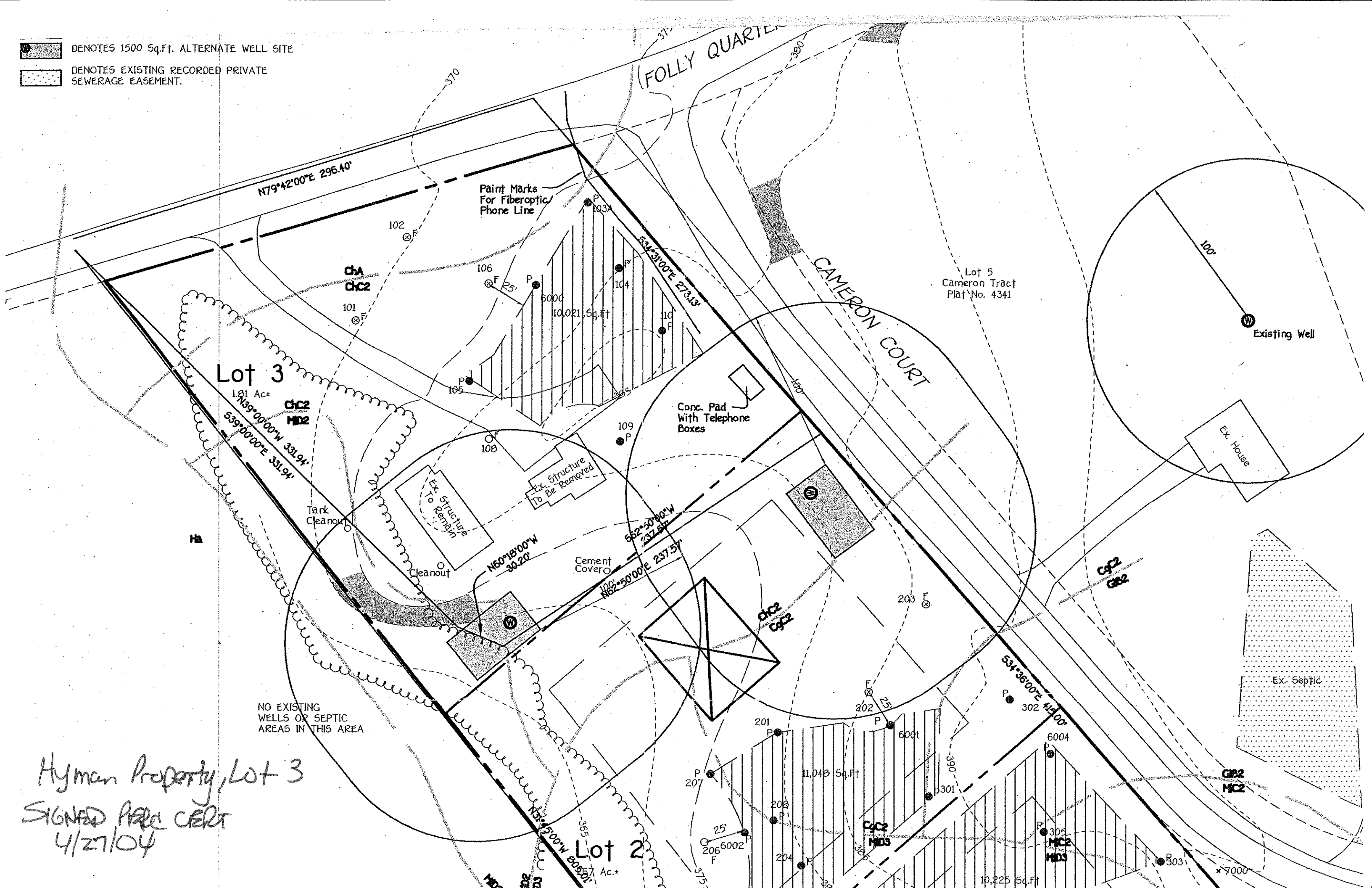
SANITARIAN KR BACKHOE utilize OTHERS Mark Johnson/John

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

DENOTES EXISTING RECORDED PRIVATE SEWERAGE EASEMENT.



Hyman Property, Lot 3  
 SIGNED PER CERT  
 4/27/04

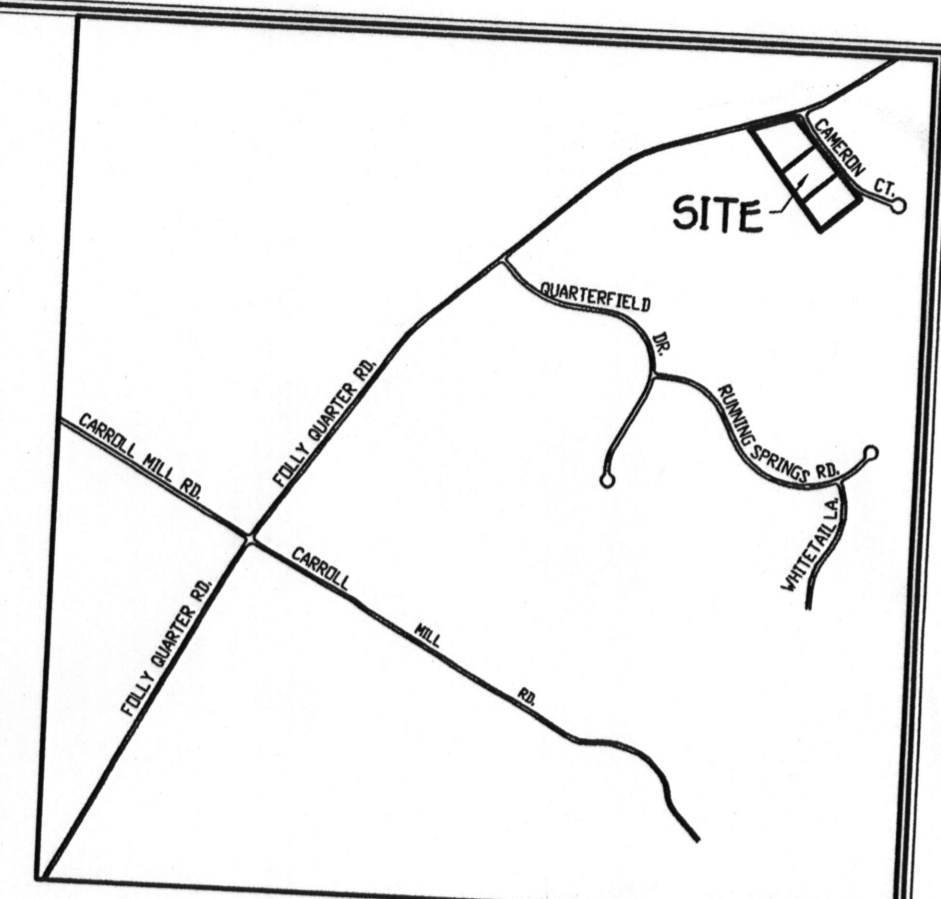
**LEGEND**

- - - - - EXISTING 5' CONTOURS
- - - - - EXISTING 25' CONTOURS
- ~ ~ ~ ~ ~ EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- ⊙ DENOTES FAILED PERC
- ⊙ DENOTES PASSED PERC
- ⊙ DENOTES PROPOSED PERC
- ⊙ DENOTES PROPOSED HOUSE
- ⊙ DENOTES 25% AND GREATER SLOPE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- ⊙ DENOTES EXISTING RECORDED PRIVATE SEWERAGE EASEMENT.

**SOILS LEGEND**

SOIL	NAME	CLASS
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
Glb2	Glenela loam, 3 to 8 percent slopes, moderately eroded	B
Ha	Harboro silt loam	D
MgB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

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



**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 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 ADJUSTMENTS TO 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 LOCATED BY FIELD SURVEY.
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'S 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 RECORDED 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.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. THE EXISTING SEPTIC SYSTEM ON PROPOSED LOT 3 FOR 3681 FOLLY QUARTER ROAD LOCATED IN BACK OF THE EXISTING HOUSE IS TO BE ABANDONED PRIOR TO RECORDATION OF LOTS 1 AND 2.
10. THE DRIVEWAY ACCESS TO FOLLY QUARTER ROAD FOR THE EXISTING HOUSE ON LOTS 2 AND 3 WILL BE FROM CAMERON COURT.
11. PROPOSED LOT 1 WILL REMAIN UNCHANGED. DRIVEWAY ACCESS FOR PROPOSED LOTS 2 AND 3 WILL BE FROM CAMERON COURT.
12. THE AREA OF PARCEL 29 IS 4.943 AC. RECORDED IN A DEED DATED SEPTEMBER 25, 1996 AND RECORDED IN LIBER 1535 AT FOLIO 718.
13. PROPERTY OWNER: LAWRENCE & LOIS HYMAN  
3681 FOLLY QUARTER ROAD  
ELlicott CITY, MARYLAND, 21043
14. DEVELOPER/APPLICANT: DONALD R. REUWER  
LAND DESIGN & DEVELOPMENT, INC.  
8000 MAIN STREET  
ELlicott CITY, MARYLAND 21043

**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: Terrell A. Fisher, Professional Land Surveyor No. 10692

DATE: \_\_\_\_\_

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

COUNTY HEALTH OFFICER: \_\_\_\_\_

DATE: \_\_\_\_\_

ER. COLLINS & CARTER, INC.  
ENGINEERING CONSULTANTS & LAND SURVEYORS  
1 SQUARE OFFICE PARK - 3872 BALTIMORE NATIONAL PIKE  
ELlicott CITY, MARYLAND 21042  
(410) 461-2955

**PERC CERTIFICATION PLAN**  
LOTS 1, 2 AND 3  
**HYMAN PROPERTY**  
3681 FOLLY QUARTER ROAD

TAX MAP #23 ZONED: RC-DEO PARCEL: 29  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' A520012 & A520013 DATE: MARCH 10, 2004  
REVISED DATE: APRIL 21, 2004