

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

KN

TEST DATE(S) April 22nd 04 TEST TIME 9:00Am AP 520301

AGENCY REVIEW: \_\_\_\_\_ DATE 4/15/04

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) Wendy Perrow + Paul Koch

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

MAILING ADDRESS \_\_\_\_\_ STREET \_\_\_\_\_ CITY/TOWN \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

APPLICANT HAMILTON REED

DAYTIME PHONE 410-977-1328 CELL 410-977-1328 FAX 410-461-6667

MAILING ADDRESS 8000 main street ELlicott City MD 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME THISTLE Down LOT NO. 1

PROPERTY ADDRESS 7000 WOODSCAPE Drive CHARLESVILLE MD 21029  
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

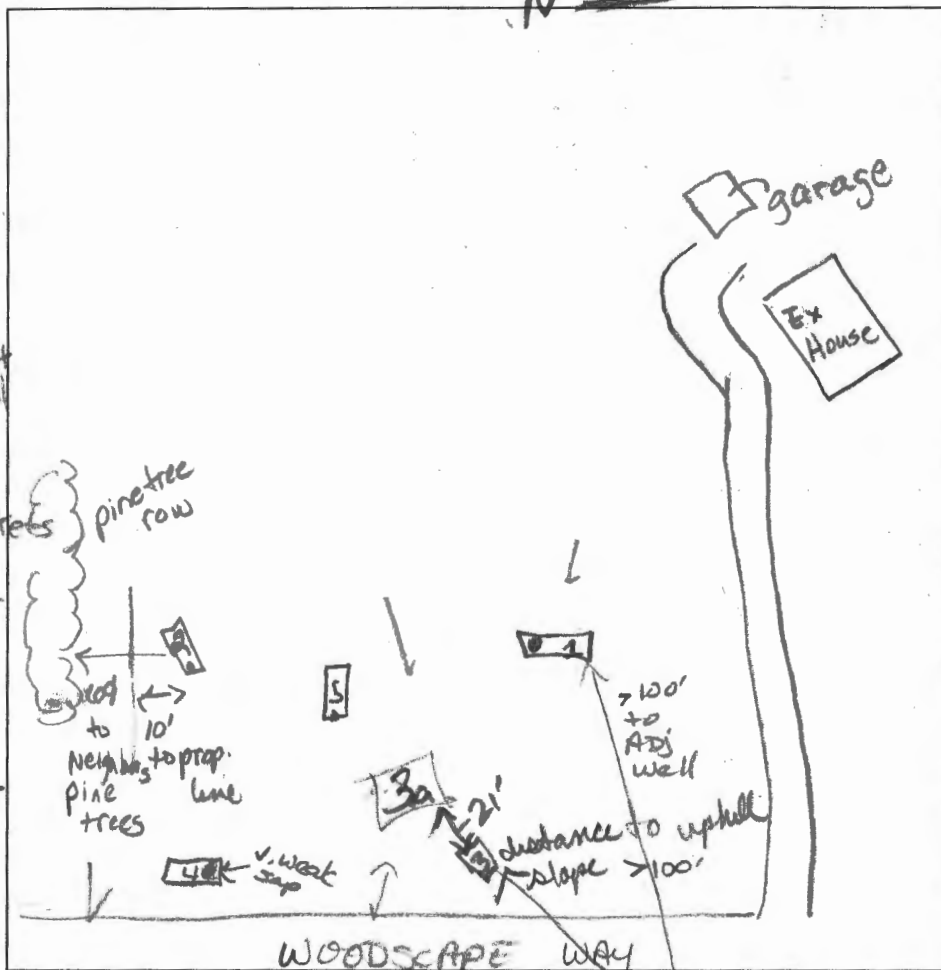
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

①  
Strong rdbrn  
very micac  
Loam tightly  
compacted 4-4 1/2'  
SiL  
highly micaceous  
Trace Saprilitic 5'  
fine medgr - west wall 7'  
Shoam  
Trace Saprilitic - packets of SiL  
Bottom 12 1/2'

②  
Strong Rd  
CLL 1 1/2'  
rdbrn  
tan  
SiCLL 3 1/2'  
NE wall  
v. weak saprolite - greasy feel  
platy structure  
Rx 2%  
5 1/2' - 6'  
Md gr  
S-L sand  
12 3/8" Rocky bottom & hard  
Saprolite (sm frags)

③  
Strong  
DK brn  
CLLm 6'  
SiCL-CLL  
L  
MASSIVE  
Ribbons 2"  
1+ brn  
tan  
friable  
loose - mm  
Si-sil  
(carcayed Rock)  
bluish grey - 1 1/2'  
Si w/ strong red spots - mottles



④  
Loam  
majenta 2'  
brn  
Loam  
Rx 55% 3'  
Shoam  
majenta  
brn 6 1/2'  
Fine, medgr.  
rdbrn  
micac.  
SAND 5.9'

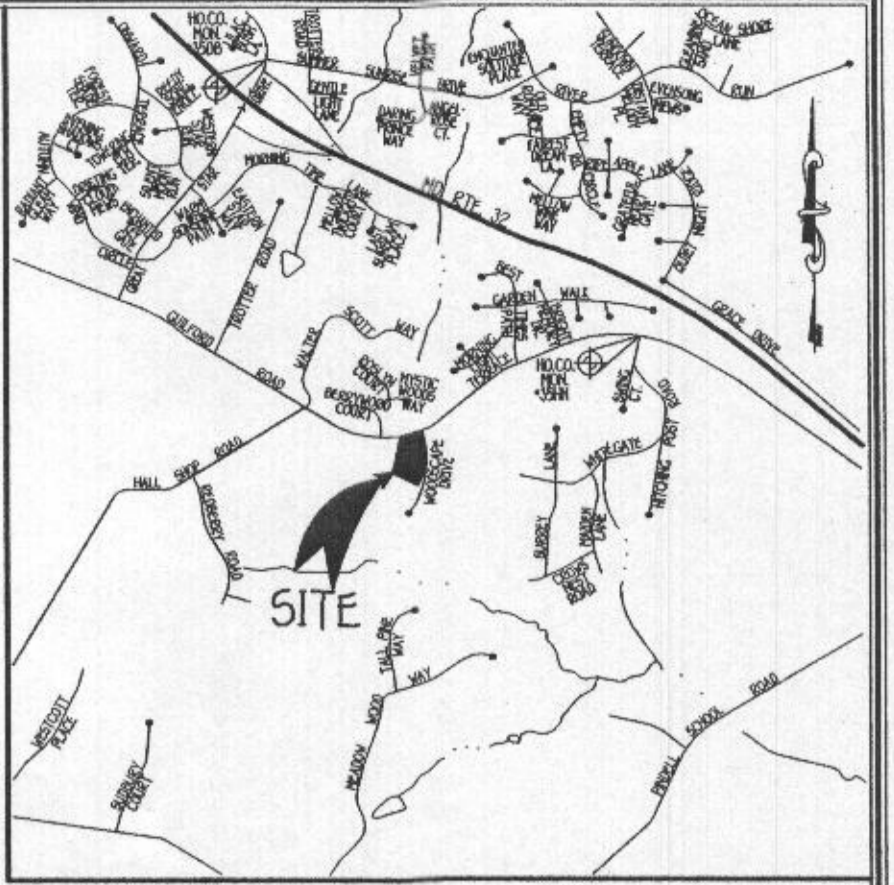
⑤  
redbrn  
CLL 4 1/2' ±  
Strong  
rdbrn  
micac  
SL-  
LS  
trace Rx  
13'  
Bottom

3a  
Brn  
micac  
CLL 5'  
Strong  
red micac  
Loamy  
Sand

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4/22	①	4 1/2' M	9:19	9:21	9:27	6	P
	②	Tx zone Perc 7%	9:42	9:45	9:48	3	P
	③	DEEP CLAY TO MOTTLES				AT 15'	F
	④	4 6" S'	10:18	10:21	10:24	4	P
	⑤	5' 2" S'	10:41	10:44	10:48	4	P
	3a						

REMARKS Staked by FCC per plan 3a Not per plan  
SANITARIAN KN BACKHOE OTHERS Mr. Forney  
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_





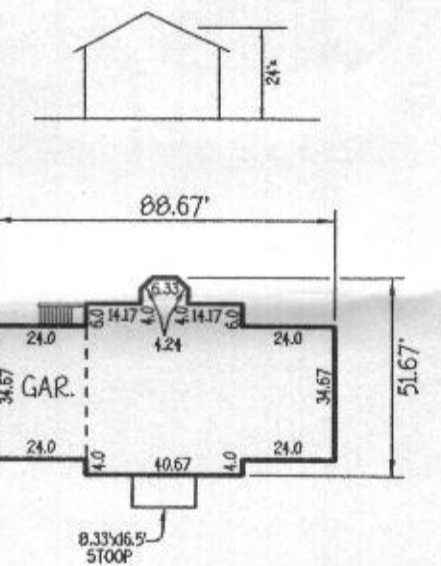
**VICINITY MAP**  
SCALE: 1" = 2,000'

**BENCH MARKS**  
 TP 3506 ELEV 40.670  
 N 557.690.086  
 E 1333.974.550  
 LOC. AT THE INTERSECTION OF GREAT STATE DR. & SURREY SUNRISE DR.  
 TP 3504 ELEV 45.887  
 N 554.844.321  
 E 1337.883.330  
 LOC. AT THE INTERSECTION OF GULFORD ROAD & WHITEGATE ROAD

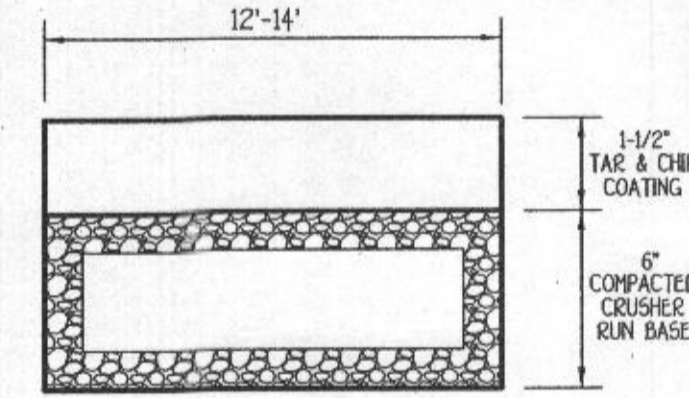
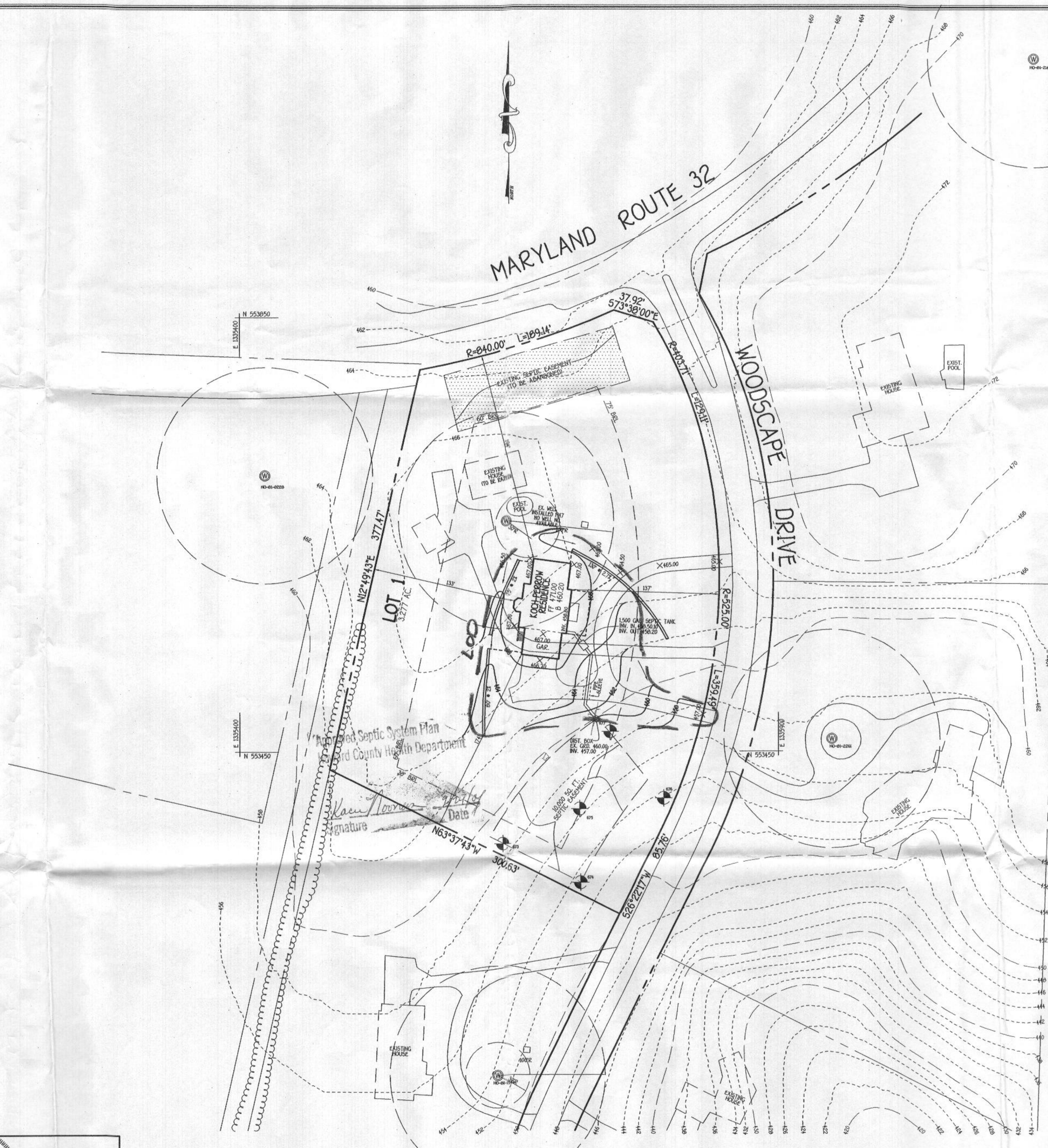
**GENERAL NOTES:**

- 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECREATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET PER RECORD PLAT NO. 7254 TO BE ABANDONED BY SIGNATURE OF THIS PLAN.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL. INTERPOLATED FOR 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH SEWER RESERVE TO SUPPORT REPLACEMENT OF THE EXISTING SINGLE FAMILY DETACHED UNIT WITH A 4 BEDROOM SINGLE FAMILY DETACHED HOUSE.
- SUBJECT PROPERTY IS ZONED RR-100.
- TOTAL AREA IS 3.277 ACRES.
- TOTAL AREA OF DISTURBANCE IS 0.597 AC.
- STORMWATER MANAGEMENT IS PROVIDED BY ROOFTOP AND NON-ROOFTOP DISCONNECT.
- PLAT REFERENCE IS PLAT NO. CWP 7254, DATED JUNE, 1987.
- NO SLOPES 25% AND GREATER EXIST ON SITE.

NOTE: THE EXISTING WELL SHOWN WAS INSTALLED IN 1917 AND THE WELL NUMBER IS UNAVAILABLE. THE WELL LOCATION HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



**KOCH-PERROW RESIDENCE**  
SCALE: 1" = 30'



**COMMON DRIVEWAY DETAIL**  
NOT TO SCALE

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR
+362.2	SPOT ELEVATION
FF	FIRST FLOOR ELEVATION
B	BASEMENT ELEVATION
---	PROPOSED WALKOUT
SF-SF	SILT FENCE
TP-TP	TREE PROTECTION
LOD	LIMIT OF DISTURBANCE

PERC CERTIFICATION  
 I CERTIFY THAT THE INFORMATION 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*  
 TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692  
 DATE: 6/21/04

APPROVED:  
 PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 SIGNATURE: *Doug Vanter*  
 HOWARD COUNTY HEALTH OFFICER KN  
 DATE: 6-22-04

OWNER/BUILDER  
 HAMILTON REED  
 8000 HAIN STREET  
 ELLICOTT CITY, MARYLAND 21043  
 410-480-9105

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
1	WOODSCAPE DRIVE

PERC CERTIFICATION PLAT AND SITE DEVELOPMENT PLAN  
**THISTLEDOWN**  
 SECTION ONE  
 LOTS 1-16  
 TAX MAP NO: 41 ZONED: R PARCEL NO: 276  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: JUNE 21, 2004

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 410-481-2995