

# APPLICATION

PERCOLATION TESTING

A 514952

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/28/01

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 Waterford Farm Joint Venture

ADDRESS 4003 Jennings Chapel Rd PHONE \_\_\_\_\_  
Brooksville MD 20833

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Waterford Property LOT NO. 16

ROAD AND DESCRIPTION Daisy Road

TAX MAP 13, 14, 20, 21 PARCEL # 20

SIZE OF LOT \_\_\_\_\_ TYPE 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.

Charles A. Shyn  
(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

A515227-0

NOT TO SCALE

Lot 16

COUNTY #

SOIL PROFILE 661/662

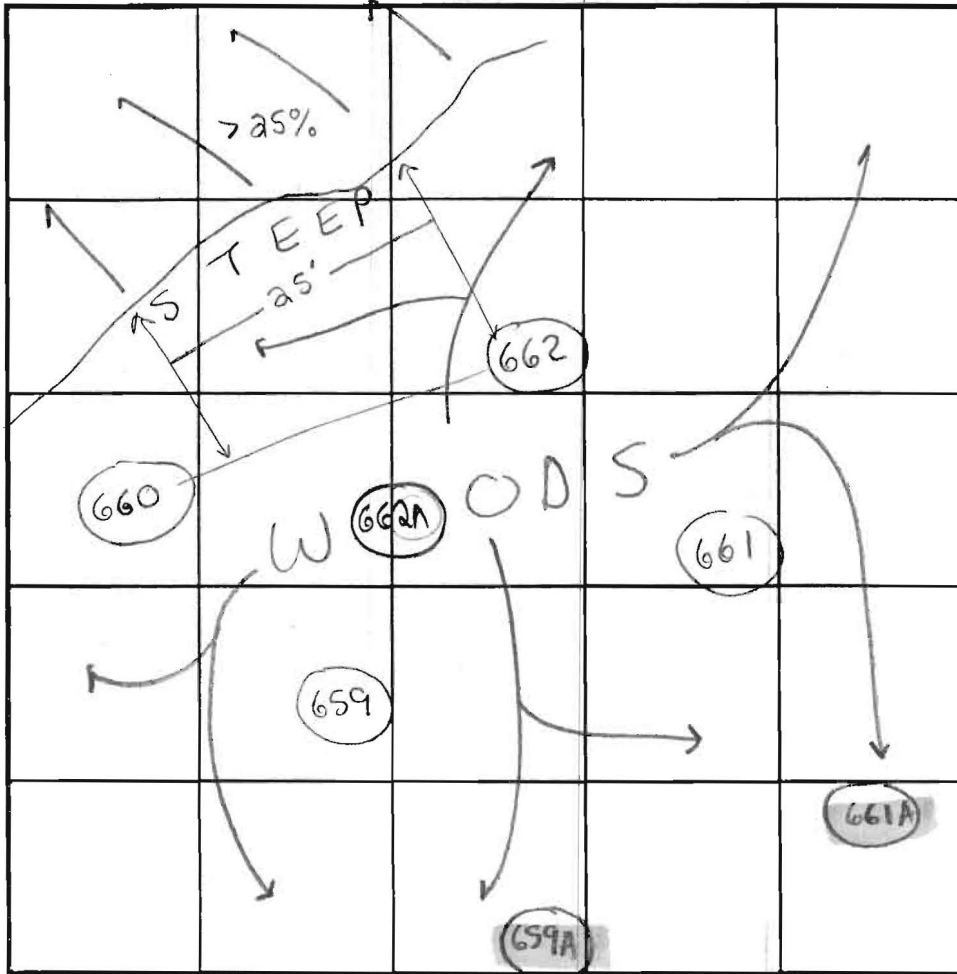
0' red-brown clay 1m  
 4'5" orange-brown sandy loam  
 15-25% ROCK FRAGS  
 14'

660

4' red-brown clay 1m  
 tan-brown sandy loam  
 5-10% ROCK FRAGS  
 14'

659/659A/662A

2' orange-brown clay 1m  
 tan-sandy loam  
 10-15% ROCK FRAGS  
 14'



SOIL PROFILE 661A

0' orange-brown clay loam  
 2' tan sandy loam  
 10-15% ROCK FRAGS  
 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/5/01	661	4'5" T / 14' V	4:48pm	4:50pm	4:50pm	4:55pm	5min	OK
	660	4'5" T / 14' V	4:58pm	5:02pm	5:02pm	5:07pm	5min	OK
	659	14' V	(VISUAL OK)		SEE	SOIL PROFILE		OK
	662	14' V	(VISUAL OK)		SEE	SOIL PROFILE		OK
2/8/01	662A	6'5" T / 13' V	1:50pm	1:53pm	1:53pm	1:57pm	4min	OK
8/6/01	659A	13' V	(VISUAL OK)		SEE	SOIL PROFILE		OK
	661A	14' V	"	"	"	"	"	OK

REMARKS Tests in Woods  
 TYPE OF SOIL Glenelg & Manor  
 TESTED BY SRK Todd Parks = Backhoe, Chuck Sharp  
 ALSO PRESENT Francois  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5min TRENCH WIDTH 3'  
 INLET DEPTH 35' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180





255	588,755.3480	1,292,590.9600
256	588,490.6630	1,292,564.9300
257	588,224.1950	1,292,533.2150
258	587,914.2360	1,292,491.8890
259	587,242.0120	1,292,425.4520
260	587,086.1010	1,292,387.2460
261	586,913.7280	1,292,289.6710
262	586,631.4620	1,292,077.4450
263	586,444.4380	1,291,973.3260
296	585,909.5903	1,291,738.6982
297	586,161.4720	1,291,842.5070
300	588,977.0700	1,294,288.7710
301	588,869.3590	1,294,198.0060
302	588,551.9200	1,294,039.6390
303	588,291.7340	1,293,946.3030
304	586,833.2220	1,293,748.5980
305	586,783.2140	1,293,576.7250
306	586,745.5400	1,293,587.5440
307	586,333.6135	1,293,205.8341
431	585,777.9833	1,292,225.5908
500	589,355.1899	1,293,600.9534

255	179,492.4070	393,982.5126
256	179,372.3128	393,974.5784
257	179,291.0932	393,964.9119
258	179,196.6175	393,952.3157
259	178,991.7232	393,932.0656
260	178,944.2015	393,920.4204
261	178,891.6621	393,890.6795
262	178,805.6272	393,825.9929
263	178,748.6222	393,794.2574
296	178,585.6003	393,722.7427
297	178,662.3740	393,754.3836
300	179,520.5700	394,500.0064
301	179,487.7396	394,472.3412
302	179,390.9840	394,424.0708
303	179,311.6791	394,395.6219
304	178,867.1238	394,335.3613
305	178,851.8813	394,282.9743
306	178,840.3983	394,286.2720
307	178,714.8428	394,169.9266
431	178,545.4864	393,871.1478
500	179,635.8212	394,290.3592

General Notes continued...

20. Distances shown are based on surface measurement and not reduced to NAD '83 grid measurement.
21. Areas shown are more or less.
22. Open space tabulation:
  - A. Open space required: 110.50 x 5% = 5.52 Ac.±
  - B. Open space provided Non-Buildable Parcels 'E' and 'F' = 7.91 Ac.
23. No clearing, grading or construction is permitted within wetland or stream system buffers unless approved by the Department Of Planning And Zoning.
24. All floodplains, wetlands and their required buffers are shown for informational purpose only in accordance with sections 16.115.(d) and 16.116.(a).(4).
25. Landscaping for all lots is provided in accordance with a certified Landscape Plan included with the road construction plan set in accordance with section 16.124 of the Howard County code and the Landscape Manual. Landscape surety in the amount of \$ 38,850.00 will be part of the Developer's agreement.
26. Density calculations:
  - a. Number of units based on own density = 110.50 / 4.25 = 26 units.
  - b. Numbers of units proposed = 45 units.
  - c. Numbers of CEO units required = 19 units.
  - d. 19 CEO units have been transferred to this project.
    1. Keyes property Tax Map 14, Parcel 160, RE-03-002 DS4, Plat No. 15813  
Grid 1 number of CEO units sent (1 : 4.25) = 1
    2. Belmont Farm Limited Partnership Tax Map 7, Parcel 490, RE-03-002, Plat No. 15812  
Grid 13, number of CEO units sent (1 : 4.25) = 2
    3. Waterford Farm Parcel '9' Tax Map 20, Parcel 20, RE-03-002 DS3, Plat No. 15814  
Grid 12 number of CEO units sent (1 : 4.25) = 3
    4. Talley Property Parcel '1' Tax Map 8, Parcel 34, RE-03-002 DS-1, Plat No. 15815  
Grid 13 number of CEO units sent (1 : 4.25) = 1
    5. Talley Property Parcel '2' Tax Map 8, Parcel 34, RE-03-002 DS-2, Plat No. 15816  
Grid 13 number of CEO units sent (1 : 4.25) = 12
27. For lots 16 thru 20, 26 thru 29, and 44: A septic system will have to be installed prior to issuance of a building permit.
28. Preservation parcels A, B, C, D, & G are environmental non-buildable preservation parcels, privately owned and maintained with Howard County and H.O.A. being easement holders. Preservation parcels E, & F are non-buildable stormwater management preservation parcels, H.O.A. owned and maintained with Howard County being easement holder.

See this sheet for continuation...

## AREA TABULATION CHART (Total)

1. Total number of Buildable Lots to be recorded: 45  
Total area of Buildable Lots to be recorded: 50.16 Acres±
2. Total number of Non-Buildable Preservation Parcels to be recorded: 7  
Total area of Non-Buildable Preservation Parcels to be recorded: 54.05 Acres±
3. Total area of public right of way to be recorded: 6.29 Acres±
4. Total area of subdivision to be recorded: 110.50 Acres±

