

# APPLICATION

## PERCOLATION TESTING

A 41578

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 5

DATE 4-13-88

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kenhard Warfield, Jr. c/o Howard County Land Services

ADDRESS 8307 Main Street PHONE 465-5855

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION Howard Rd. Parcel B LOT NO. 3 Parcel B

ROAD AND DESCRIPTION Howard Rd., South of Triadelphia Rd.

TAX MAP 21 PARCEL # 68 207

SIZE OF LOT 3 acres 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.

*Mad A. King*

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

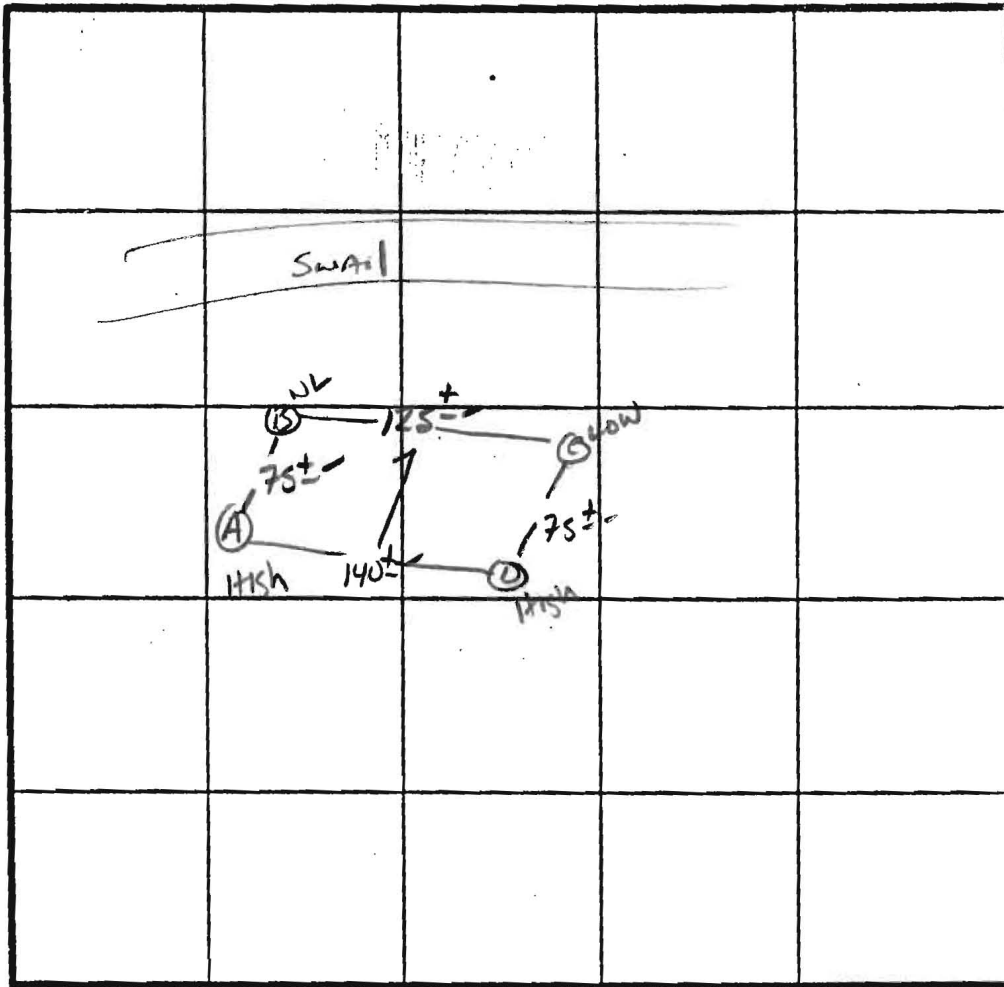
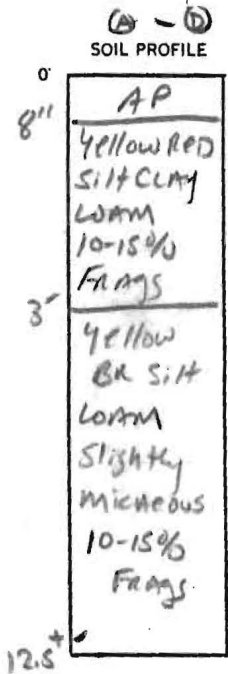
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6-2-88 Perc Satisfactory; Hold For PEAT SAG

# THIS IS NOT A PERMIT

A 41578



2 Perc 4 min  
160 φ 1BR  
INLET 3"  
BOTTOM 8"  
Repair  
180 φ 1BR  
INLET 3"  
BOTTOM 7"  
FINAL Repair  
INLET 3"  
BOTTOM 5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/6/86	AS	4'	2:02	2:05	2:05	2:10	5 MIN	
	AM	8'	2:02	2:03	2:03	2:05	2 MIN	
	AV	12.5'	UNIFORM soil below 3.0'					
	BS	3.0'	2:06	2:08	2:08	2:11	3 MIN	
	BV	13.0'	UNIFORM soil below 3.0' SAME AS #1					
	CS	5.0'	2:12	2:14	2:14	2:17	3 MIN	
	CV	12"	UNIFORM soil below 3.5'					
	DS	3.5'	2:13	2:15	2:15	2:19	4 MIN	
	DV	13"	UNIFORM soil below 3.0'					

LANDSCAPE POSITION SUGGEST DEEP 1ST SYST, ALL REPAIRS SHALLOW  
 REMARKS HOLES LOCATED APPROX. TO PLAT / SHAPE SLIGHTLY DIFF

TYPE OF SOIL MANOA LOAM

TESTED BY S. P. BEL

ALSO PRESENT Mr. RICH D. KETTERMAN

F 89-233

WARFIELD BROTHERS  
HOWARD ROAD,

A 41578

SUBDIVISION:

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____ sq. ft. / bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

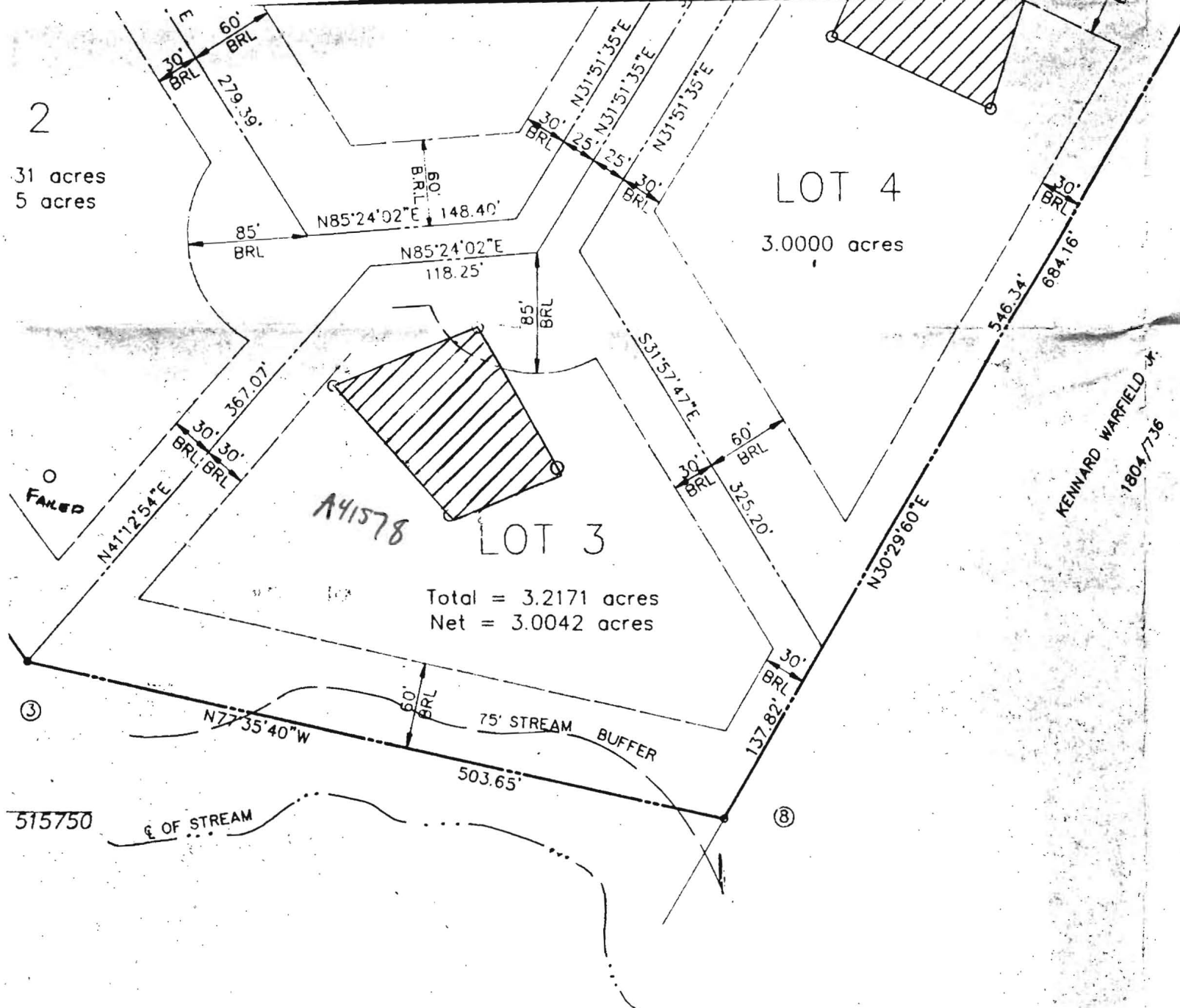
Trench to be 2 wide. \_\_\_\_\_ sq. ft. / bedroom  
 Inlet 3 feet below original grade.  
 Bottom maximum depth 7 feet below original grade.  
 Effective area begins at 3 feet below original grade.  
4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: \_\_\_\_\_

8/24/05 Using 3 AC lot (50)

FURTHER TESTS OF  
 TRENCHES  
 REQUIRED FOR  
 SEE PLAN 03 FOR  
 PROPOSED LOTS 60 & 61  
 OF WARFIELDS  
 MR 2/24/04



### DEEDOR'S CERTIFICATE

I, the Deedor, hereby certify that the Final Plat shown hereon is correct; that it is a part of the lands conveyed by Kennard Warfield and his wife to Kennard Warfield, Jr and Thomas Stuart

### OWNERS DEDICATION

I, Kennard Warfield Jr, owner of the property shown and described hereon, hereby dedicate this plan of subdivision, and in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the minimum building restriction lines and setbacks into Howard County, Maryland, its successors

1. E  
2. B  
3. S  
4. C  
5. C  
6. is  
7. C  
8. s  
9. t  
10. e  
11. M  
12. B  
13. F  
14. r  
15. p  
16. p  
17. S  
18. z  
19. A  
20. G  
21. w

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

ADDRESS 14663 TRIADELPHIA ROAD PHONE 410-442-2337

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 8000 MAIN STREET ELLICOTT CITY PHONE 410-480-9105

PROPERTY LOCATION:  
SUBDIVISION THE WARFIELDS II LOT NO. 60

ROAD AND DESCRIPTION SOUTH SIDE OF TRIADELPHIA ROAD AT THE INTERSECTION OF TRIADELPHIA ROAD AND HOWARD ROAD

TAX MAP 21 PARCEL # \_\_\_\_\_

SIZE OF LOT ONE ACRE TYPE BLDG. SINGLE FAMILY DWELLING  
(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. DONALD R. REWNER  
(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' 6227

dk. org  
brn  
hvy cl lm  
20% Rx  
3 1/2'  
dk. org  
brn  
6-7' cl lm  
org brn  
lm  
10% frags  
13 1/2'

6228

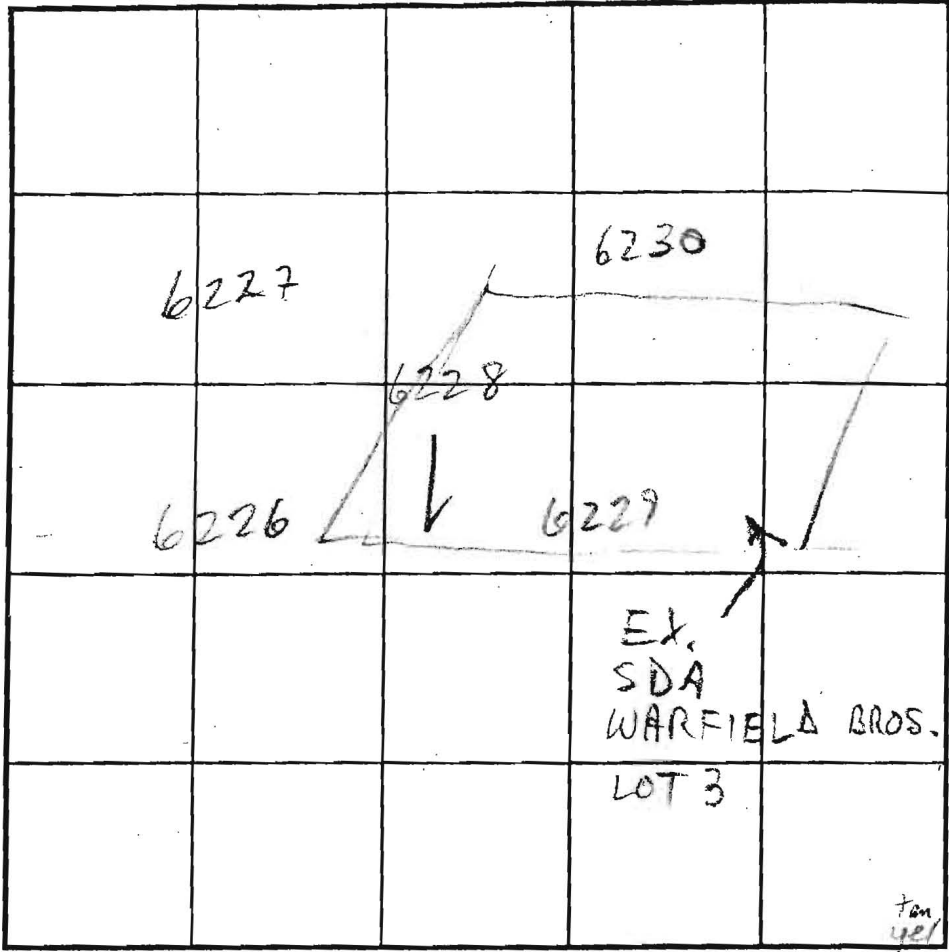
org brn  
hvy lm  
patches  
20-25%  
5'

lt. org  
lt. brn  
s a lm  
10% Rx  
pocket 20% Rx  
15'

UP 6229 DN

org  
brn  
hvy lm  
40-60%  
6'  
7 1/2'  
skate

10' HARD BOT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 6226

brn  
org  
cl lm  
6'  
7 1/2'  
H.B.

6230

org brn  
yel  
hvy lm  
pock 25%  
brn pt. brn  
s a lm  
10-25%  
pock 25-35%  
H.B.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/16/03	6227 <sup>S</sup>	7' / 7 1/2" / 13 1/2"	2:16	2:22	2:22	2:33	11	
			1:07	1:14	1:14	1:23	9	
1/21/03	6228 <sup>S</sup>	6'9" / 13	2:46	2:49	2:49	2:54	5	
	6229 <sup>V</sup>	10	NO TEST - LIKELY FAILURE					
	6226	9 1/2	"	"	"	"		
1/22/03	6230 <sup>H</sup>	8' / 11 1/2	10:03	10:06	10:06	10:11	5	

REMARKS HOLES PER PLAN, SOILS ~~BARRIER~~ DOWNHILL LIKELY FAIL

TYPE OF SOIL \_\_\_\_\_ TESTED BY M. Rifkin ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH Mike J. crew

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SO. FT./BEDROOM \_\_\_\_\_

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AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 8000 MAIN STREET ELLICOTT CITY PHONE 410-480-9105

PROPERTY LOCATION:

SUBDIVISION THE WARFIELDS II LOT NO. 61

ROAD AND DESCRIPTION SOUTH SIDE OF TRIADELPHIA ROAD AT THE INTERSECTION OF TRIADELPHIA ROAD AND HOWARD ROAD

TAX MAP 21 PARCEL # \_\_\_\_\_

SIZE OF LOT ONE ACRE TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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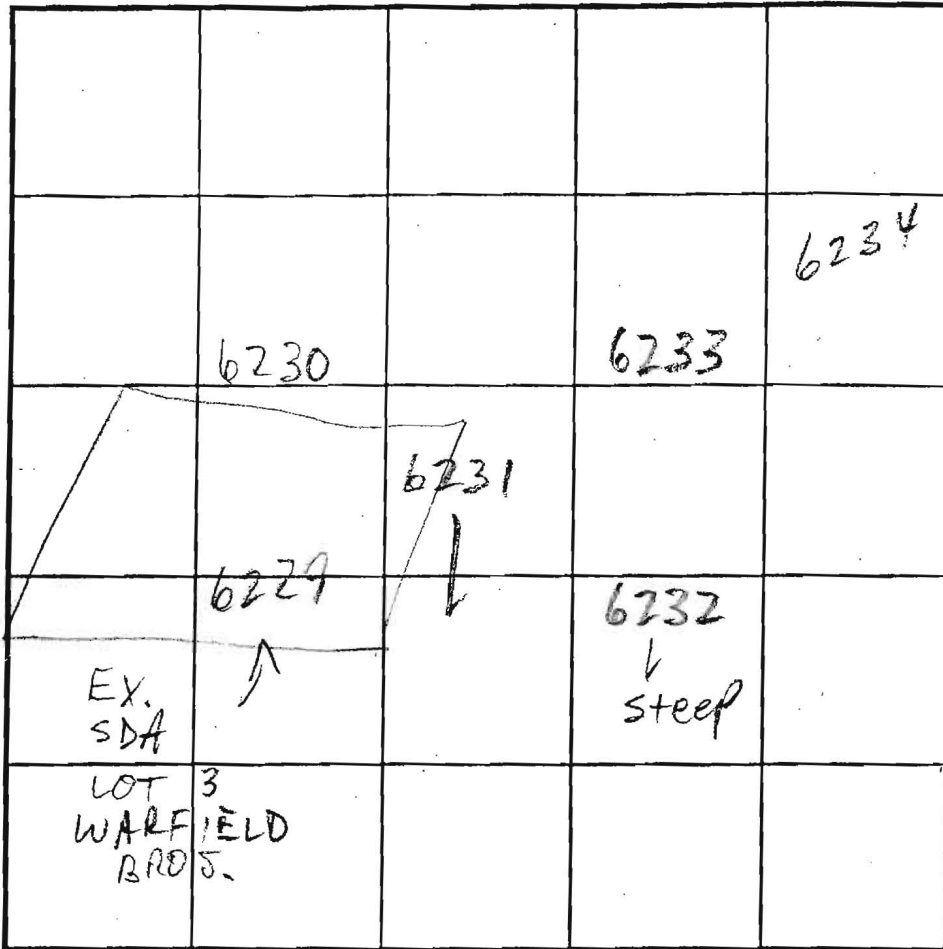
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 6233  
 orange  
 brn  
 cl 1m  
 &  
 hvly 1m  
 6 1/2  
 pink  
 magenta  
 lt. brn  
 sa 1m  
 10-20%  
 pock (25%)



SOIL PROFILE

0' 6229  
 orange  
 brn  
 hvly  
 1m  
 40-  
 60%  
 7 shale  
 10 HARD BOT  
 6230  
 orange brn  
 yel hvly 1m  
 pockets @  
 25% RX  
 5  
 brn lt. brn  
 lt. orange sa 1m  
 10-25% pockets  
 @ 35% 11 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/21/03	6229v	10	NO TEST - LIKELY FAILURE					
1/22/03	6230 <sup>M</sup>	8 1/2	10:03	10:06	10:06	10:11	5	
	6233 <sup>M</sup>	8 1/3	10:21	10:25	10:25	10:34	9	
	6231 <sup>M</sup>	8 1/3	11:32	11:37:00	11:37:10	11:40:00	OUT 32	
	6234 <sup>M</sup>	7 1/2 1/2	11:10	11:12	11:12	11:18	6	
	6232		NOT DUG TO PD NOT SUITABLE					
	MOVE	25' UP REDIG						

REMARKS HOLES PER PLAN; SOILS ~~DOWNHILL~~ DOWNHILL  
 LIKELY FAIL  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY M. Pitkin ALSO PRESENT Mike J. crew  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

WEST 6 1/2  
 pink  
 magenta  
 lt. brn beige  
 10-35%  
 20% 50% RX  
 EAST  
 6231  
 lt. orange  
 brn  
 hvly 1m  
 25%  
 5  
 tan  
 lt. brn  
 beige s  
 25-45%  
 frags  
 13

HOWARD ROAD  
(LOCAL ROAD & SCENIC ROAD)

LOT 78  
43,372 sq. ft.

LOT 69  
45,082 sq. ft.

LOT 68  
42,363 sq. ft.

LOT 67  
45,907 sq. ft.

LOT 66  
55,727 sq. ft.

LOT 60  
44,711 sq. ft.

LOT 61  
44,711 sq. ft.

WARFIELDS  
TEST PLAN  
12/02

LOT 62  
41,351 sq. ft.

LOT 63  
50,000 sq. ft.

EX. MOBILE HOME & DRIVE TO BE REMOVED

STREAM BUFFER

VEHICULAR INGRESS/EGRESS IS RESTRICTED

PUBLIC ACCESS PLACE 'B'  
40' R/W

100 YEAR FLOODPLAIN  
DRAIN. & UTIL. EASMT.

W.M. FACILITY

ST. G. CHESTNUT OAK

