

APPLICATION

PERCOLATION TESTING

A 516045

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350
Adamsstown, MD 21760

AGENT OR PROSPECTIVE BUYER Benchmark Engineering, Inc.

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105
Ellicott City, MD 21043
Suite 418

PROPERTY LOCATION:
SUBDIVISION Susan Moxley Property LOT NO. OLD 7 19/20

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± 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.

M. Moxley
(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 _____

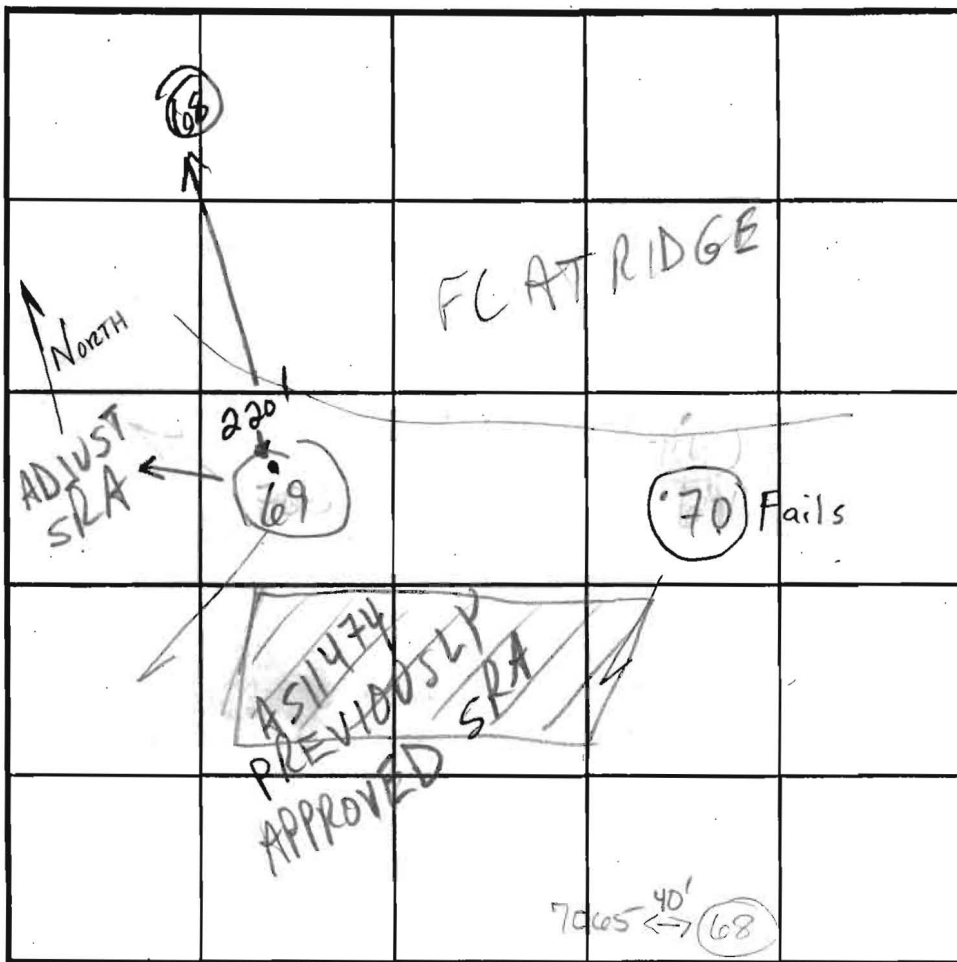
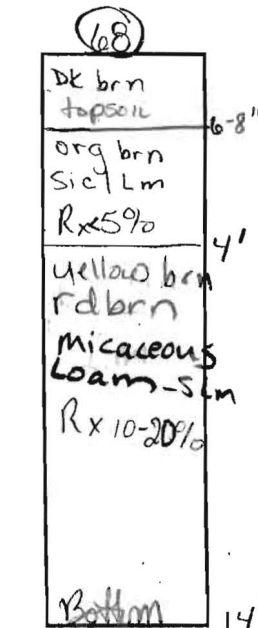
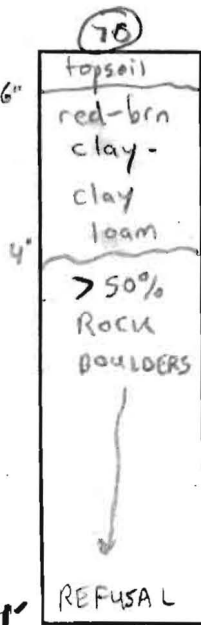
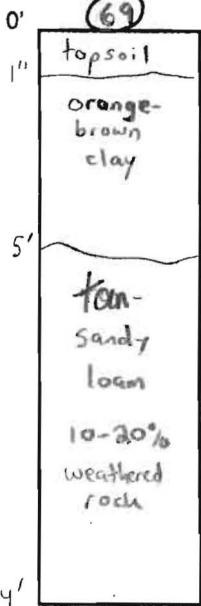
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

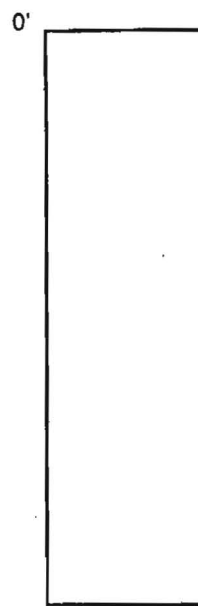
516045

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144

210

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/6/01	69	14'D	(VISUAL	OK	SEE	SOIL PROFILE)		
	aka 7064							OK
	70	11' Refusal	Excessive Rock		→			Fail
	aka 7063			@4'				fail
4-15-02	68	5'3" S	10:26:35	10:28:17	10:28:17	10:41	13min	OK
		14' V						OK

REMARKS three other holes previously dug for ex. trench sys.

TYPE OF SOIL HOLES 70 NOT PER PLAN HOLES 69 & 70 - LOT 20

TESTED BY RB ISRK ALSO PRESENT Hartfield's Donny Simpson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH Roberto

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

516045

COUNTY #

SOIL PROFILE

0' (49)

Topsoil
Dense Rd Brn CLAY
2.5YR 5/6 Trace Rck
Transition
Yellowish brn SCLM
10R 5/6 5/3 weak red "magenta"
15-20% hard Saprolite frags
Bottom 15 1/2'

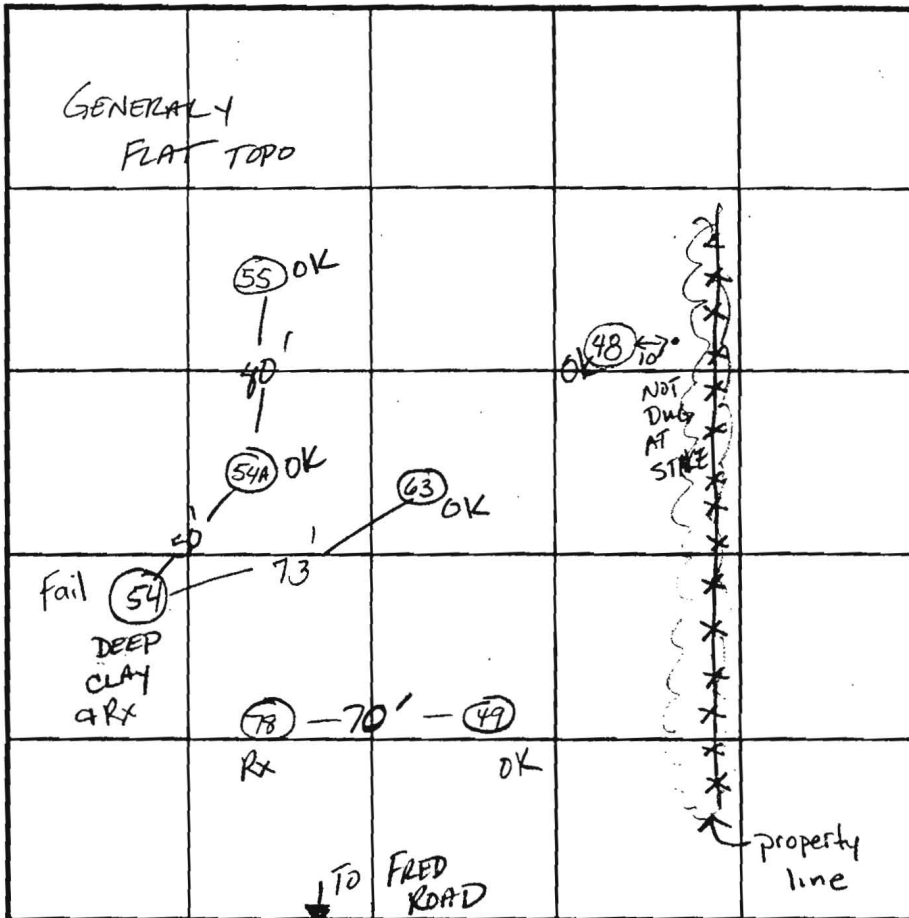
(54)

Topsoil
DENSE CLAY
5YR 5/8
Rock frags ~35%
Lg pebble size
5 1/2 - 6'

Excessive Rx 45-55%
DENSE CLLM
Refusal 10 1/2'

(55)

Topsoil
Dense org brn cllm
Rock 5-10%
Si cllm
2.5YR 6/2
35-40% wk Saprolite
white pink grey
Bottom 15 1/2'



SOIL PROFILE

0' (63)

1. S.
rd brn dense cllm
Trace Rx
6 1/2 - 7'
wk rd "magenta"
Si cllm
Rx < 5%
13 1/2' Bottom

(48)

Topsoil
Rd brn 4 brn Trace
Dense Rx
CLLM
3 1/2' rd SCLM
Rx ~5%
5' SLM 7.5YR 6/8, 5/6
Saprolite
10-20%

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-4-01	49	6' S 15 1/2' V	12:50	1 pm	1 pm	1:15	15 min OK
	54	See soil profile REFUSAL AT 10 1/2'		CLAY & Rck			Fail
aka 7070	63	6' S	1:59	2:15	2:15	2:48	33 min
		8' M 13 1/2' V	3:53	3:57	3:57	4:03	7 min OK
	48	5 1/2' S 15' V	1:31:00	1:36:00	1:36:00	1:44	8 min OK
	55	6 1/2' S 15 1/2' D	1:12:22	1:15	1:15	1:22	7 min OK
DATA FOR 78 & 54A on next page							

REMARKS 54A NOT PER PLAN; other holes per plan

TYPE OF SOIL

TESTED BY Krieg / Goedeking

ALSO PRESENT Donny Simpson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH 3'

INLET DEPTH 5'

MAXIMUM BOTTOM DEPTH 7'

SQ. FT/BEDROOM 210

Ⓐ Ⓑ

Red Br
Dense Fine
Sa Cl Loam

~3'

Moderately
Dense Fine
Sa Cl Loam

5'

Moderately
Dense
Fine Sa
Loam
Not
Rocky

7'

Observation Holes Dug
For 2025 Drivers Lane
See Septic Permit As-Built
For Approximate Locations

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/30/2014	A	7'	Visual				P
	B	7'	Visual				P

REMARKS Soils Should Have 0.8 Rates or Better Below 5'

SANITARIAN B. Baker BACKHOE Fogles OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

PROPOSED FOREST
CONSERVATION EASEMENT
0.92 ACRES

EKD2

EKC2

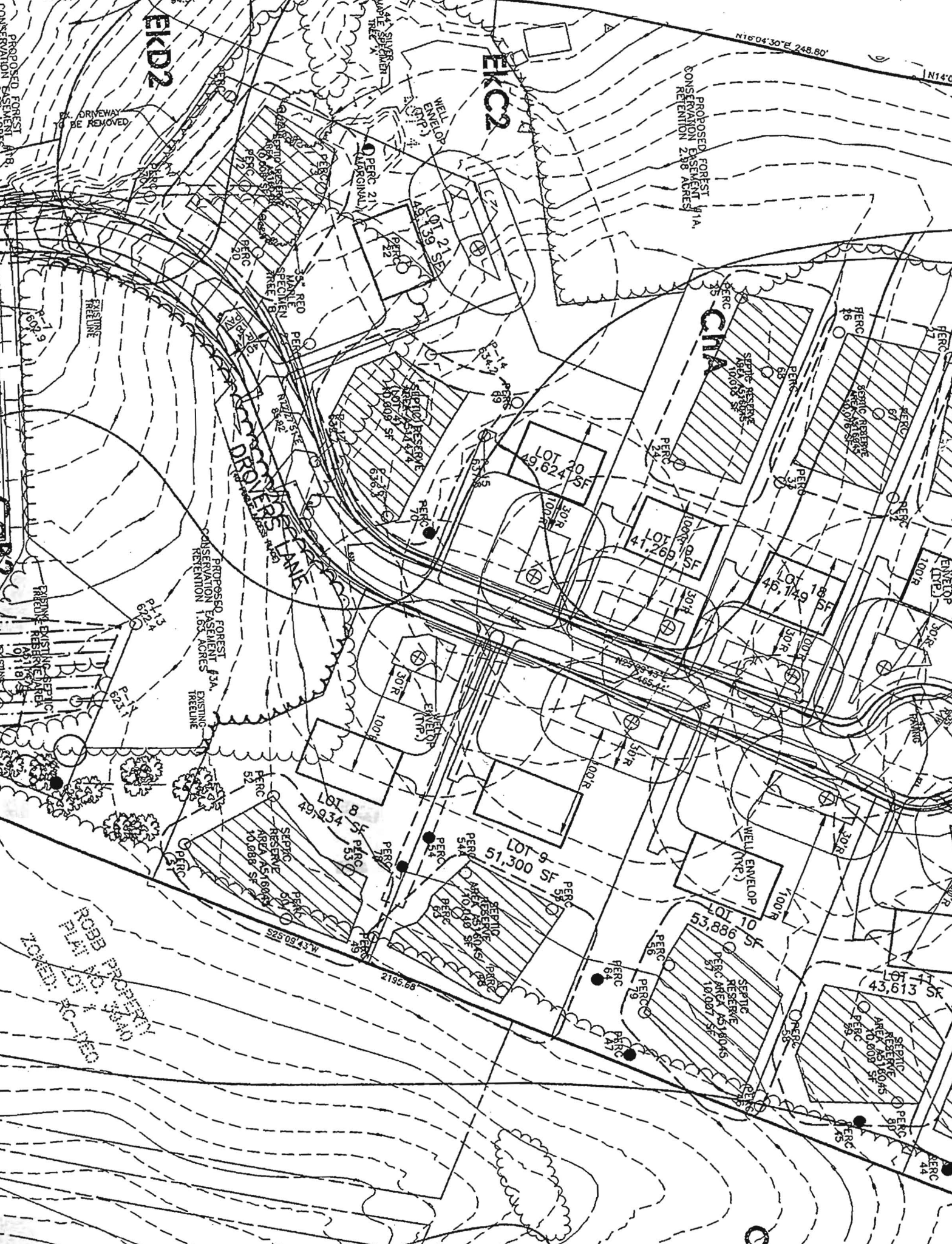
PROPOSED FOREST
CONSERVATION EASEMENT
2.98 ACRES

N16°04'30"E 248.60'

N14°01'

COB2

CHA



ROBB PROPERTY
FILE NO. 15450
ZONED: RC-1EO

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
1/2/4	Unable to locate perc test info during BC review.
	Test holes will be need to be dug during layout insp.
	to determine application rate and effective sidewall. <i>ps</i>