

3/8/94
10/00

APPLICATION

PERCOLATION TESTING

A 49904B
P _____

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

DISTRICT _____
DATE 3/1/94

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 West Friendship New Town Co. C/o Land Design + Development

ADDRESS 10805 Hickory Ridge Rd PHONE 740-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates I LOT NO. 2B

ROAD AND DESCRIPTION MD Route 32 across from Parliament Place

TAX MAP 22 PARCEL # 533

SIZE OF LOT 1 ± acre 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.

Myrd A. Keel
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING Hold for completed perc plat + * to check

after 3/9/94) water well top to septic area topo. C.B. & K.S. (discuss with supervisor)

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

0'

0' - 3'
Clay

3' - 11.5'

sandy loam

To bottom
water 11.5'

Hole (2)

0' - 2'10"
clay

 $2' - 10''$

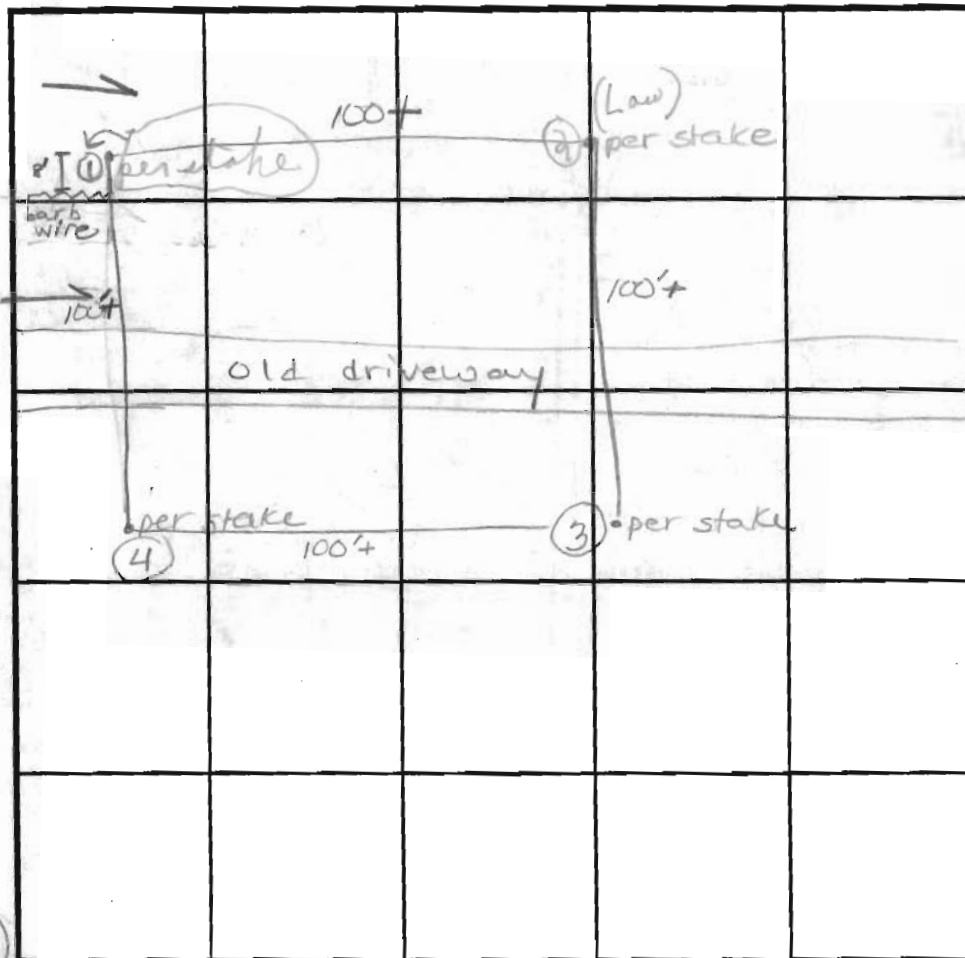
8' water
= \downarrow =
T_o bottom
10' =

Hole ③

0'-4.9"
clay
4.9' -

LOAM

To bottom
about 12'



SOIL PROFILE

0' Hole # 4

0'-4'

 $4' - 11.5'$

learn

To bottom
water
by 11.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BOGEY COURT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/8/94	#1	3'	1:09	1:11	1:11	1:12	1.5
		11.5'	0'-3" clay 3'-11 1/2" sandy loam				
	#2	2'10"	1:16	1:18	1:18	1:20	2
		10'	0'-2'-11" clay 2' TO 10" L	10" L	8' Water	(shallow ONLY)	
	#3	4'9"	1:25	1:30	1:30	1:34	4
		12'	0'-1'	(See hole profile)			
	#4	4'	1:36	1:39	1:39	1:44	6
		'	0'-1'	(See hole profile)			
	3M	8'	1:25	1:27	1:27	1:30	3
		12'					

REMARKS (Lot # 2B) tests per states, in open on either side

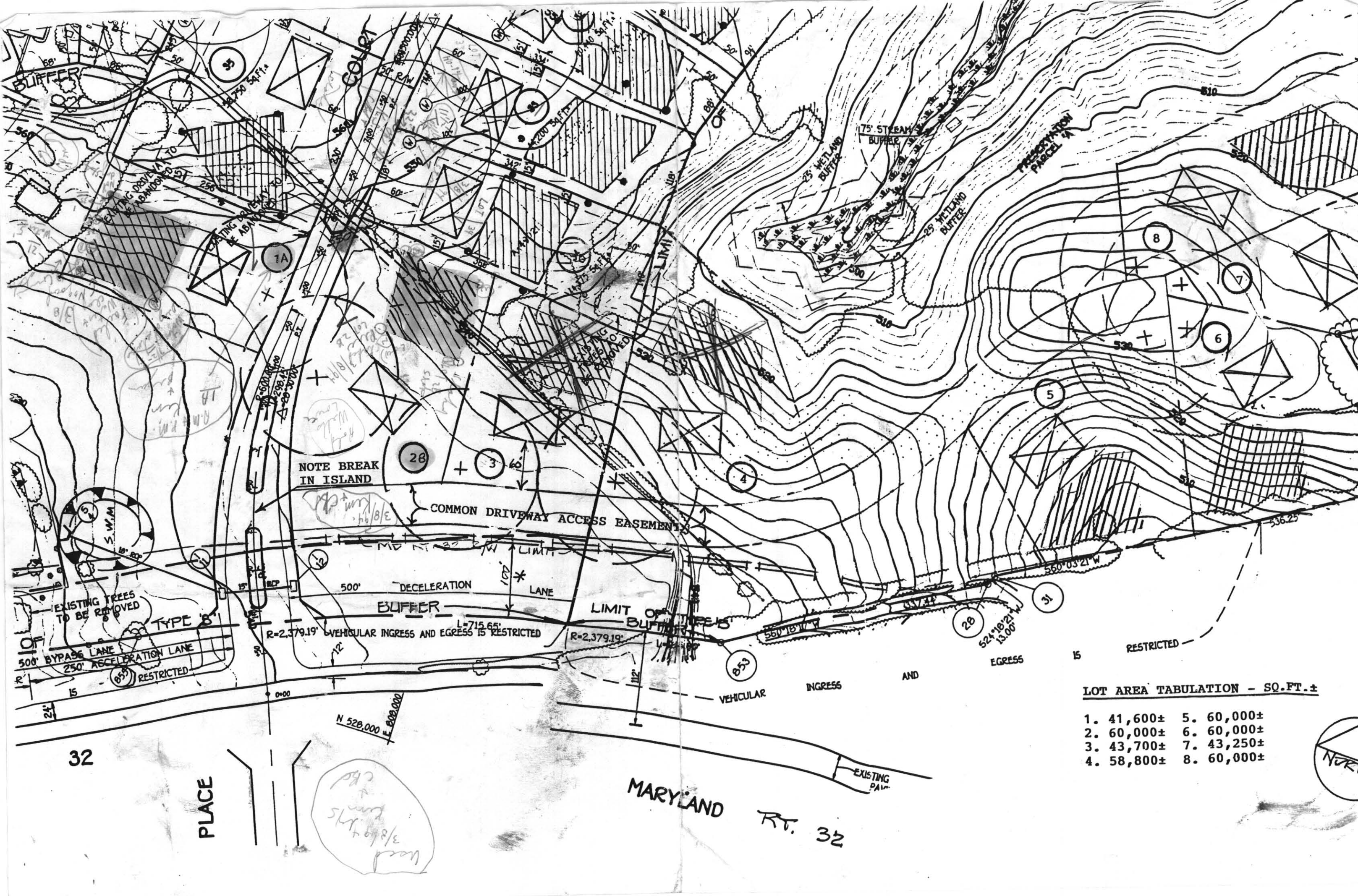
TYPE OF SOIL Hole (4) closest to Rte 32 (Shredding)

TESTED BY C. B. D. & Kim Sore ALSO PRESENT (ain Ketterman)

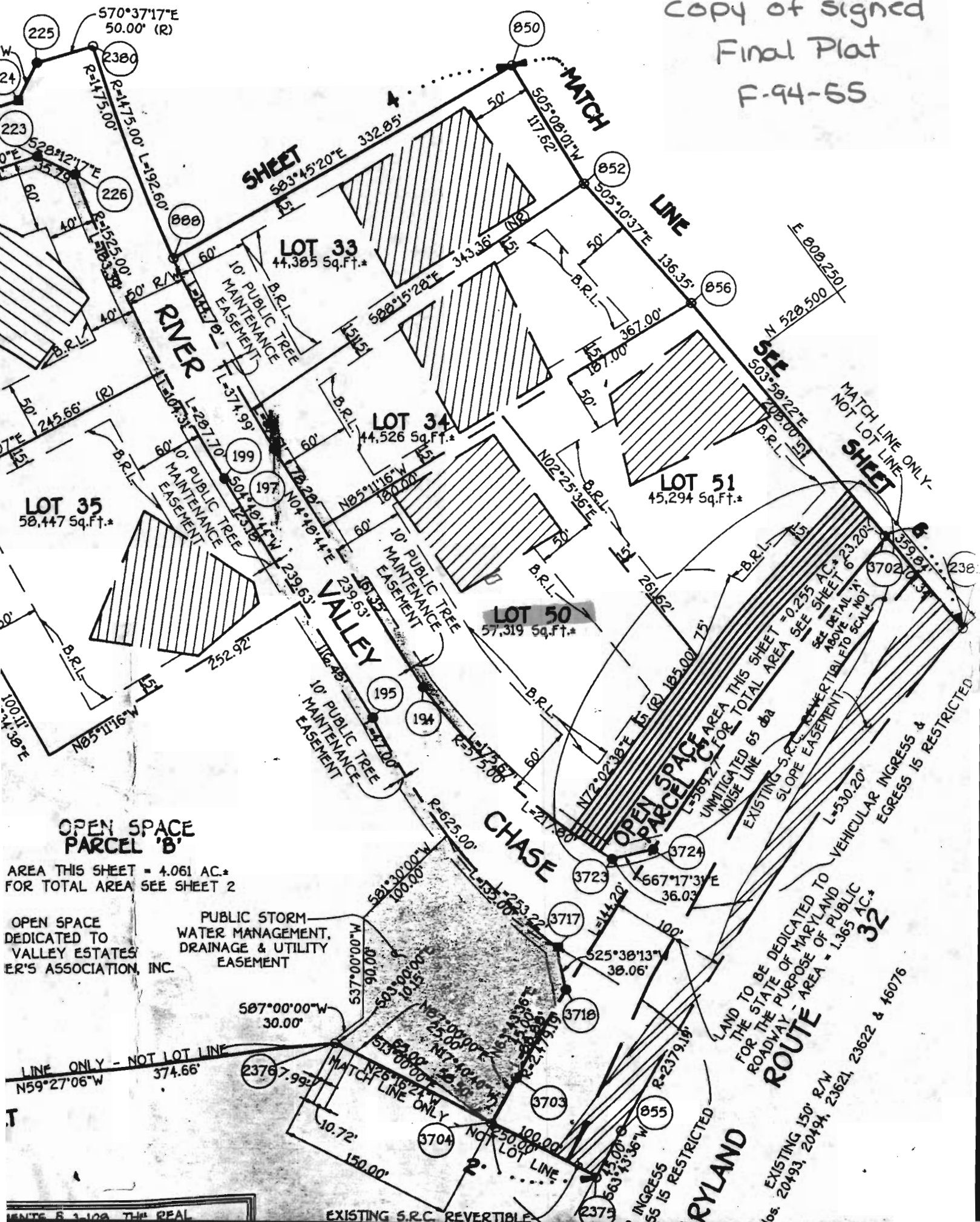
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

* Sparrow septie system only



copy of signed
Final Plat
F-94-55



NOT SENT 3/7/94 cw



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

March 1, 1994

West Friendship New Town Company
c/o Land Design & Development, Inc.
10805 Hickory Ridge Road, Suite 210
Columbia, Maryland 21044

Attention: Mark Reich

RE: Percolation Testing
West Friendship Estates
Lots 1A and 2B
Route 32 Across from Parliament Place
Tax Map: 22 Parcel: 533

Dear Mr. Reich:

A percolation test date has been reserved for 10:00 a.m., Tuesday, March 8, 1994.

You will be responsible for having a contractor on-site to excavate test holes at the corners of the proposed percolation areas.

Please call this office between 8:00 a.m. and 5:00 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

A handwritten signature in cursive script, reading "Craig Williams".

Craig Williams, Program Director
Water and Sewerage Program

CW:jr

cc: Fisher, Collins & Carter, Inc.
File



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

March 10, 1994

West Friendship New Town Company
c/o Land Design & Development, Inc.
10805 Hickory Ridge Road, Suite 210
Columbia, Maryland 21044
Attention: Mark Reich

RE: Percolation Test Results Application
Numbers: A49904A and A49904B
Proposed Use: Subdivision
Property ID: West Friendship Estates I
(Lots 1A and 2B)
Tax Map: 22 Parcel: 533

Dear Mr. Reich:

Percolation testing conducted March 8, 1994 on the above referenced property indicated limited satisfactory soil conditions. A high water table and/or clay and some rock located in some percolation test holes on Lot 1A: required a new percolation area. Copies of the percolation test results are enclosed.

Adequate location of water wells are a major concern on these lots even though a sewage disposal area for each is limited per tests of March 8, 1994.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

This plat should be submitted within sixty (60) days to allow field verification if necessary. If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,

Charles B. Streaker, R.S.

Charles B. Streaker, R. S.
Water and Sewerage Program

CBS:jr
Enclosures
cc: Fisher, Collins & Carter, Inc.
File

A 49904-B

SUBDIVISION: W. Friendship Est

LOT NUMBER: 50

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
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

180 sq. ft./bedroom

Trench to be 3.0 wide.

Inlet 2.0 feet below original grade.

Bottom maximum depth 4.0 feet below original grade.

Effective area begins at 2.0 feet below original grade.

2.0 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: 8-28-95 Place distribution box 100 feet up the
left (18000) lot line and 110 feet off that same lot
line as seen when facing the lot from River Valley
Chase. Run trenches on contour toward the front left
lot corner Aww