

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Smith Farm - Rt. 94 LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____

(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.

(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

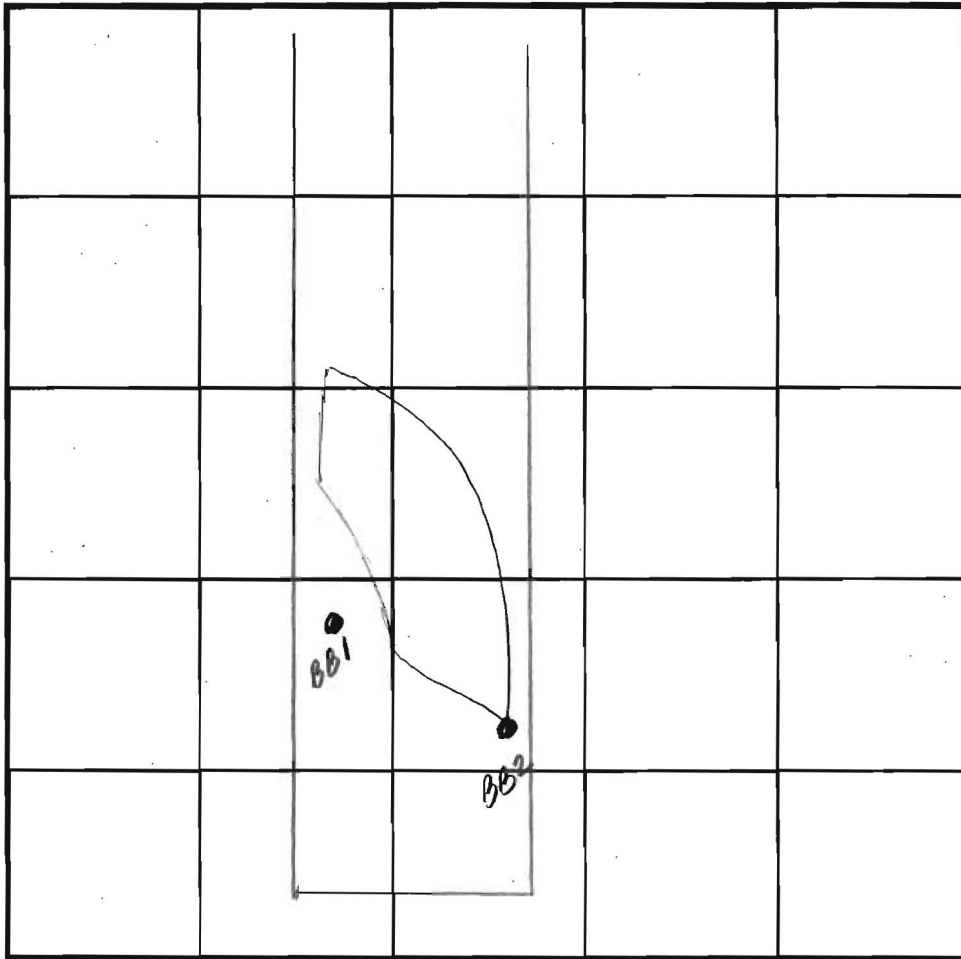
0' BB1
 red brown
 SiCLM

2.0
 orange tan
 SaLM
 20%
 Saprotik
 water
 @ 11.0

14.0

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BB2
 like
 BB1
 But
 water
 @
 9.5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-01	BB1	Visual to 14.0 - max bottom on					
		trenches is 3.0' - see profile					OK
	BB2	Insufficient depth to H ₂ O					
		see profile					F
* Both test holes were open 3 hrs *							

REMARKS An additional 4.0' buffer to H₂O needed due to drought conditions this wet season

TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Smith Property LOT NO. _____

ROAD AND DESCRIPTION Rt. 94

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(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'

3000
 red
 brown
 silty
 orange
 brown
 silty
 no clear
 evidence
 of high
 H₂O
 water
 @ 12.5

14.0

3002

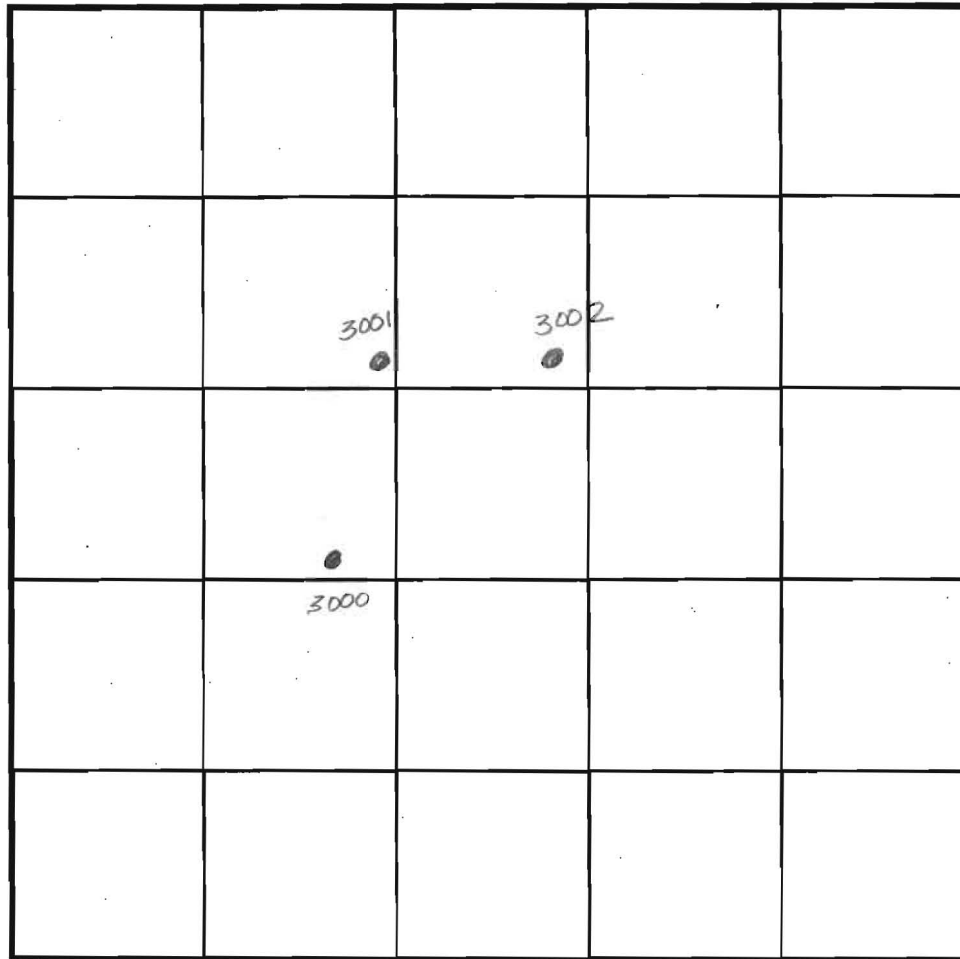
like
 3000
 water
 @
 13.0

14.0

3001

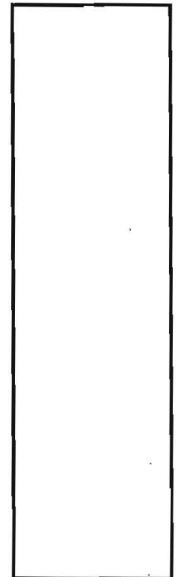
like
 3002
 water
 @
 13.5

14.0



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-8-01	3000	3.0 V14.0	11:57	No movement			slow	
		5.5 V14.0	12:16	No movement	In suff. depth to H ₂ O		F	
	3002	Visual	to 14.0' - see profile -					OK
	3001	Visual	to 14.0' - see profile -					OK

REMARKS An additional 4.0' buffer required off H₂O due to drought conditions

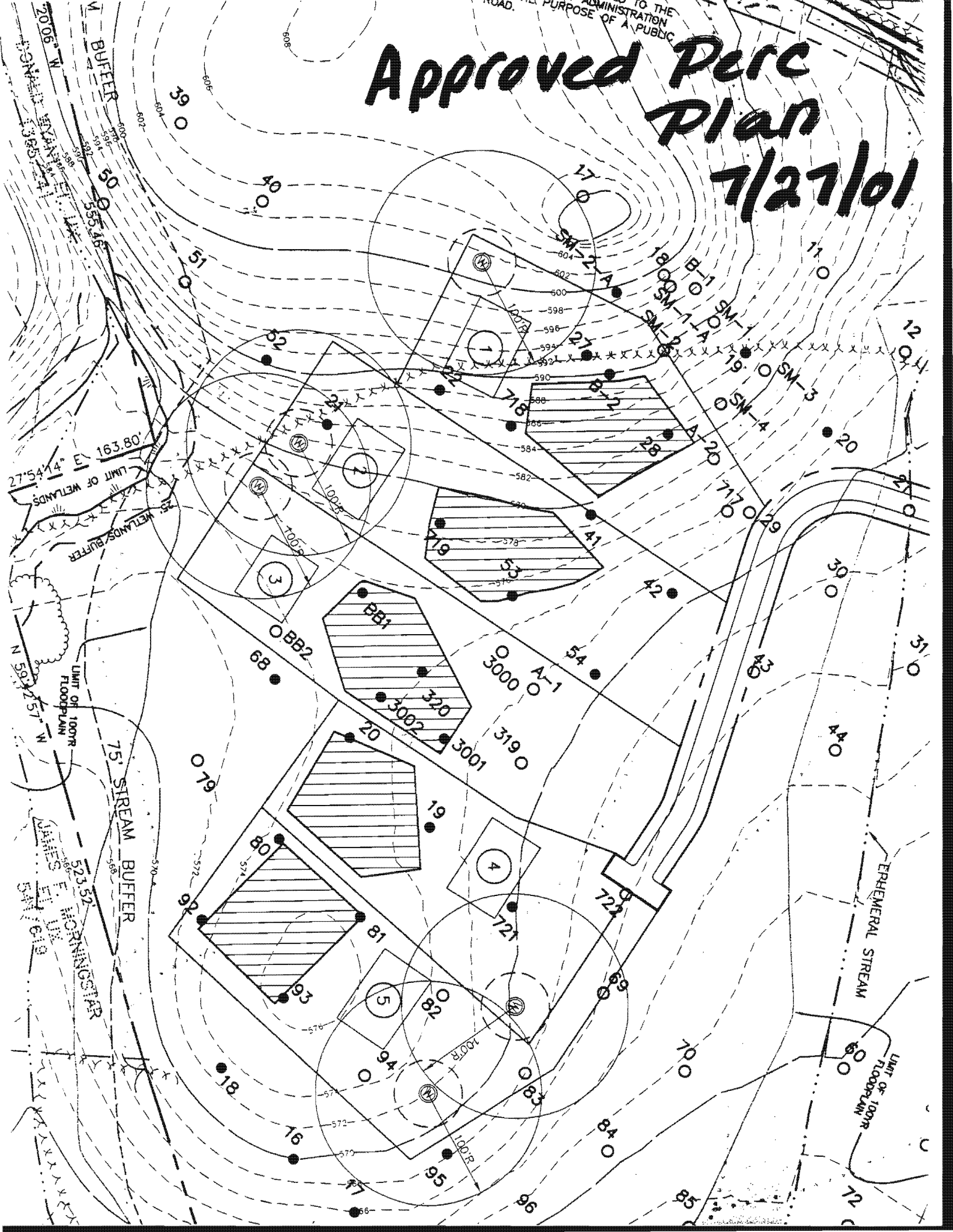
TYPE OF SOIL _____

TESTED BY Amy McMiller ALSO PRESENT Tim Keene

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Approved Perc Plan 7/27/01



COUNTY #

SOIL PROFILE

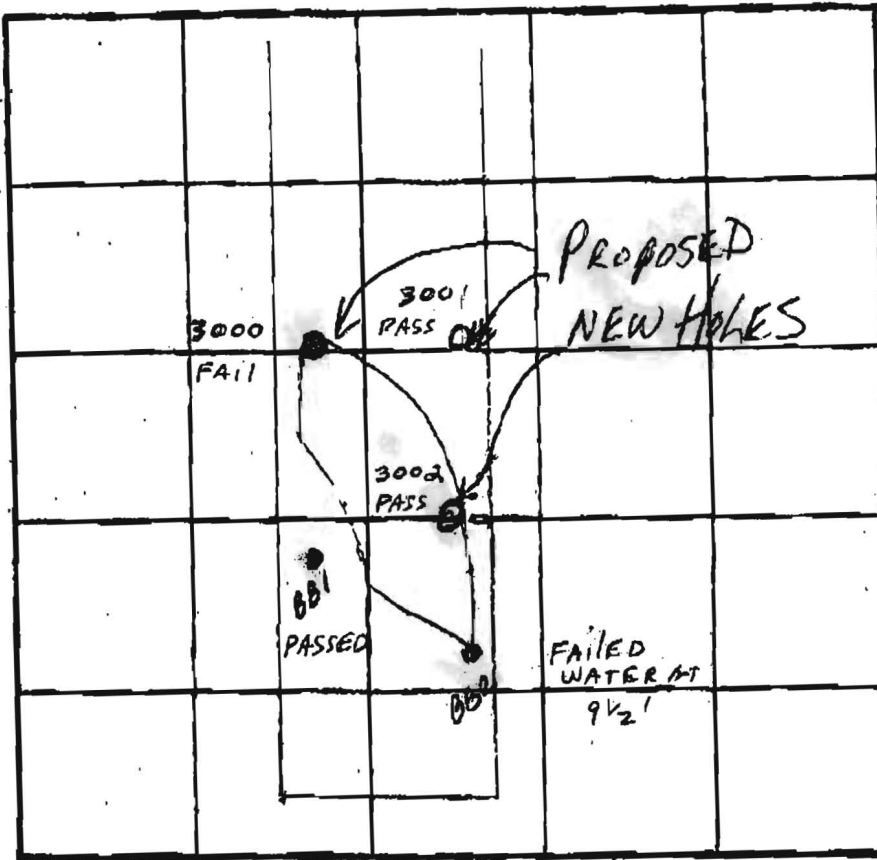
0'
 BB1
 red brown silty
 2.0'
 orange tan silty
 2.0-9.0'
 saprolite
 water @ 11.0'
 14.0'

BB2

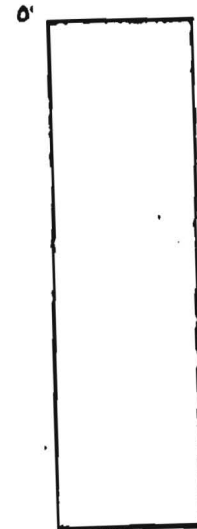
like BB1
 But water @ 9.5'

3000

Failed due to clay layer.



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
4-18-01	BB1	Visual to 14.0'	max bottom on trenches is 3.0'		see profile		OK
	BB2	Insufficient depth to 14.0'	see profile		---		F
* Both test holes were open 3 hrs *							

REMARKS: An additional 4.0' buffer to H₂O needed due to drought conditions this wet season.

TYPE OF SOIL: _____ TESTED BY: Amy McMillan _____ ALSO PRESENT: _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: _____ TRENCH WIDTH: _____

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

12/3/98

lots 7-11 OK above holes 309

2, 4, 309, 308

Holes 5 & 3 need wet season evaluation due to result on 310 @ same elevation (closure of test hole # on hole between 310 & 5)

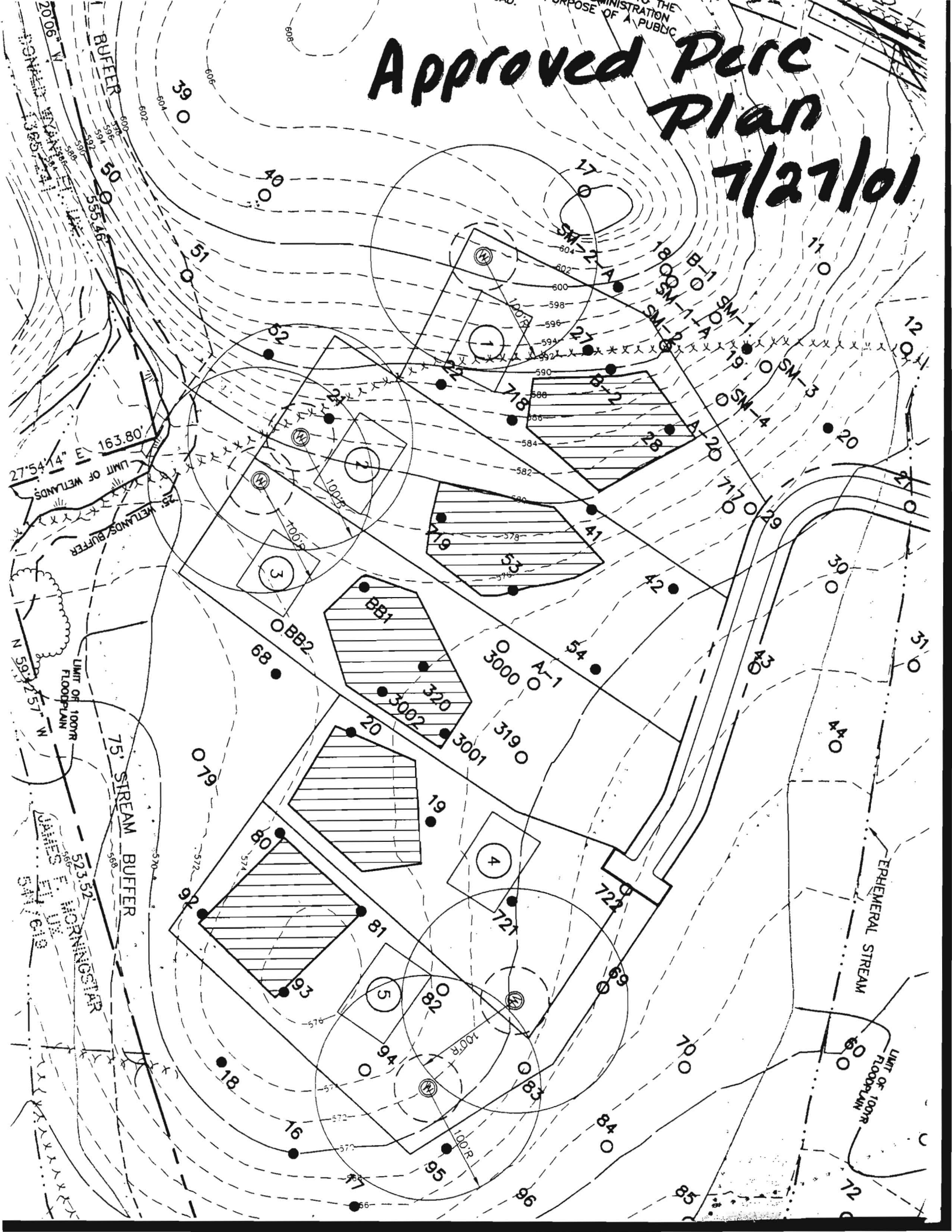
Need info on 202

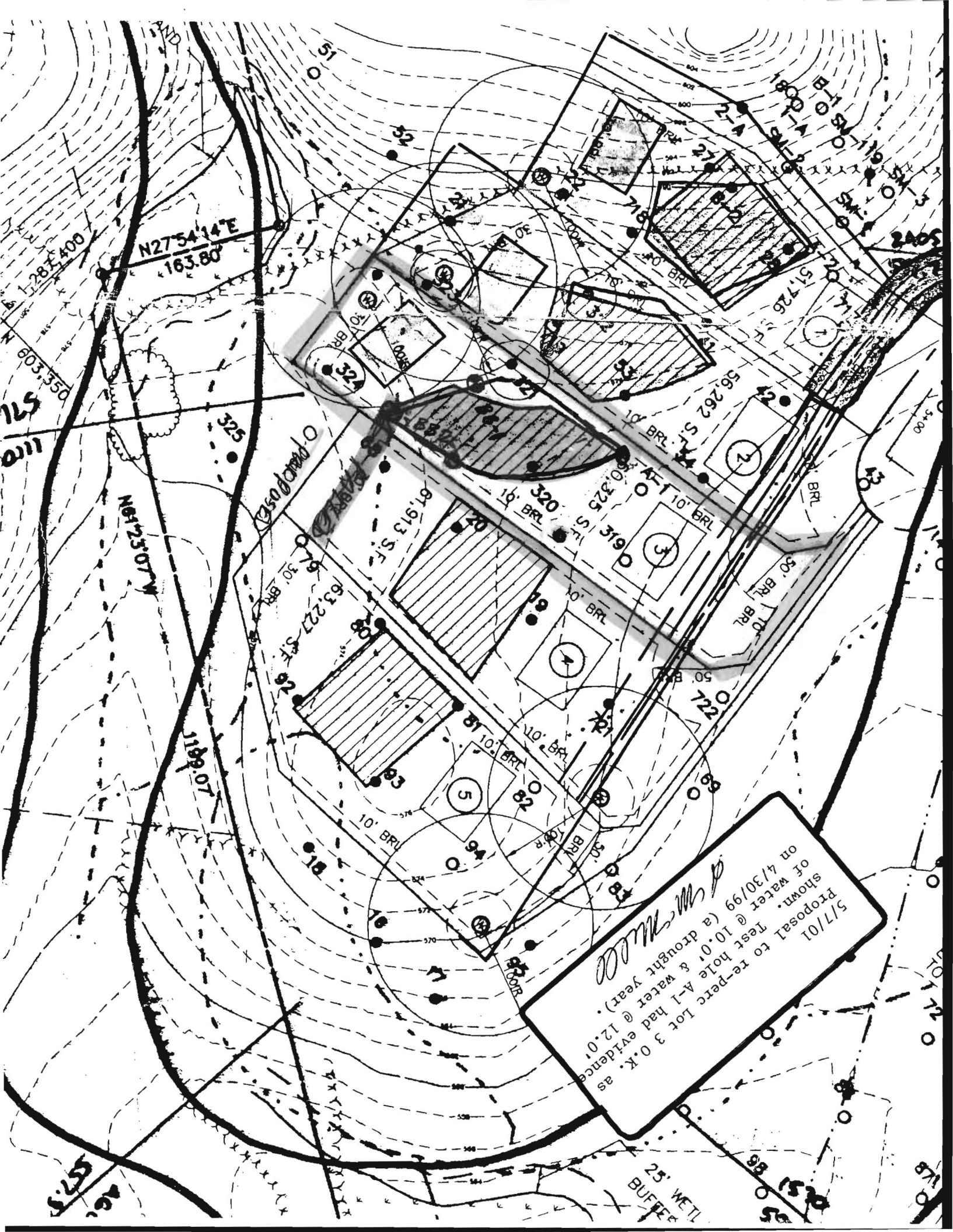
Question on moving toward stream or hole 315 - must perc @ 5', if so, considered passed even though A-1 considered failed - Reasoning - proximity (linear ft) to stream.

Projected lot yield is 4 lots, if wet season is successful, you have a shot @ 5 lots.

304/305 question on H₂O (wet season testing) because evidence of H₂O in high hole, not low

Approved Perc Plan 7/27/01





W.M. Wood
 5/7/01
 Proposal to re-perc Lot 3 O.K. as
 shown. Test hole A-1 had evidence
 of water @ 10.0' & water @ 12.0'
 on 4/30/99 (a drought year).

25' WETL
 BUFFER

Mail Message



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From: Bob Robertson
To: Amy McMillen
Date: Monday - April 30, 2001 2:39 PM
Subject: Bob Robertson (HSCD here)

Hi Amy! I would appreciate it if you could let me know whether or not the perc on Lot 1 of the Smith Farm (S-01-21) was tested anywhere else other than where it is shown.

I had asked them to investigate relocating both the septic field and the house in order to save some trees. Their response is that the perc test failed when taken further downhill from the shown area and I would just like to have this verified before I back off the comment.

Thanks alot!

Bob

*5/4/01
Movement of SDA walkway -
failed test holes downhill
E-mail sent to Bob this date.*

