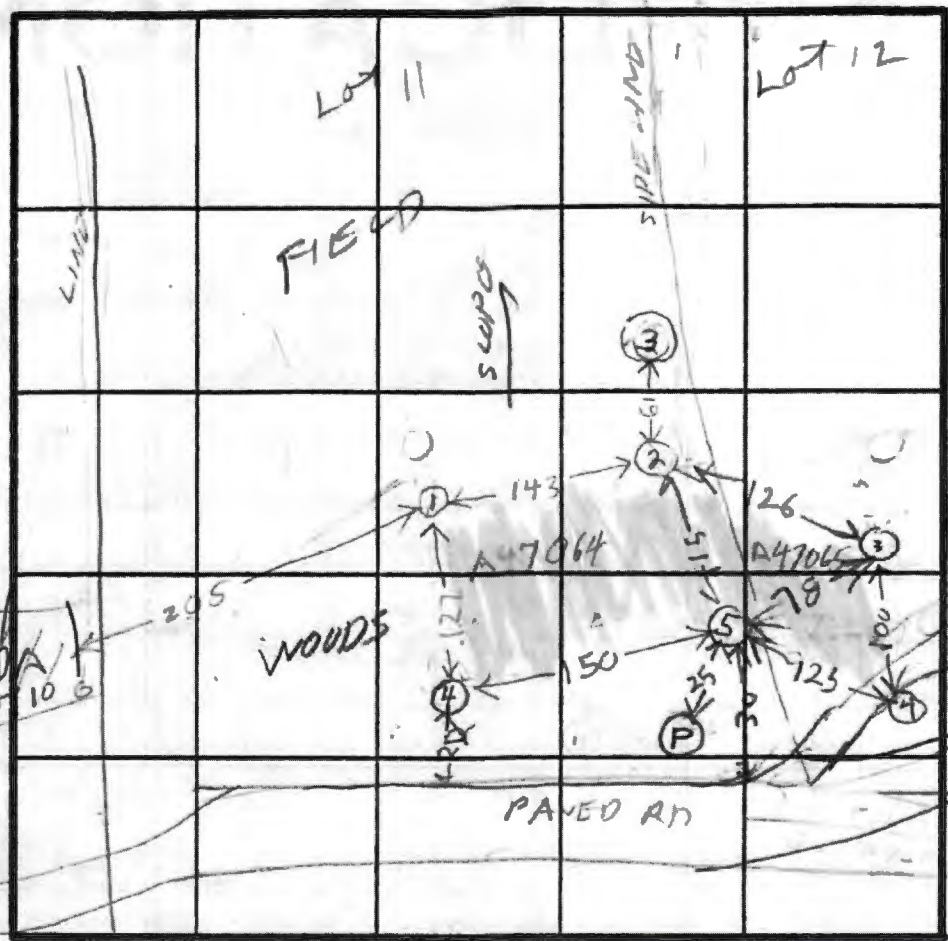
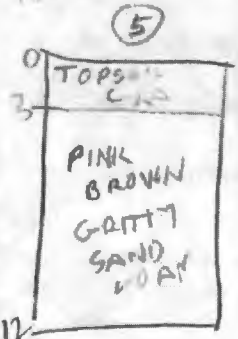
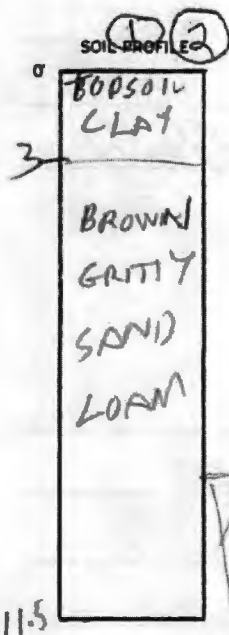


Lot 11

79



⊖ = GE #88572  
 ○ = BAD HOLE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/11/91	1S	4	1014	1015	1015	1016	1	
	1V	11.5	OK					
6/11/91	2S	4	1024	1025	1025	1026	1	
	2V	11.5	OK					
	③V	?	NOT TESTED IN CLAY PER KETTERMAN JR					
	4S	4	1043	1045	1045	1049	4	
	4M	6.5	1036	1037	1037	1039	2	
	4V	10	OK					
	5V	12	OK					

ON LINE HOLE  
 LOT 11 & 12

ON LINE  
 HOLE  
 LOT 11 & 12

REMARKS 1

TYPE OF SOIL \_\_\_\_\_

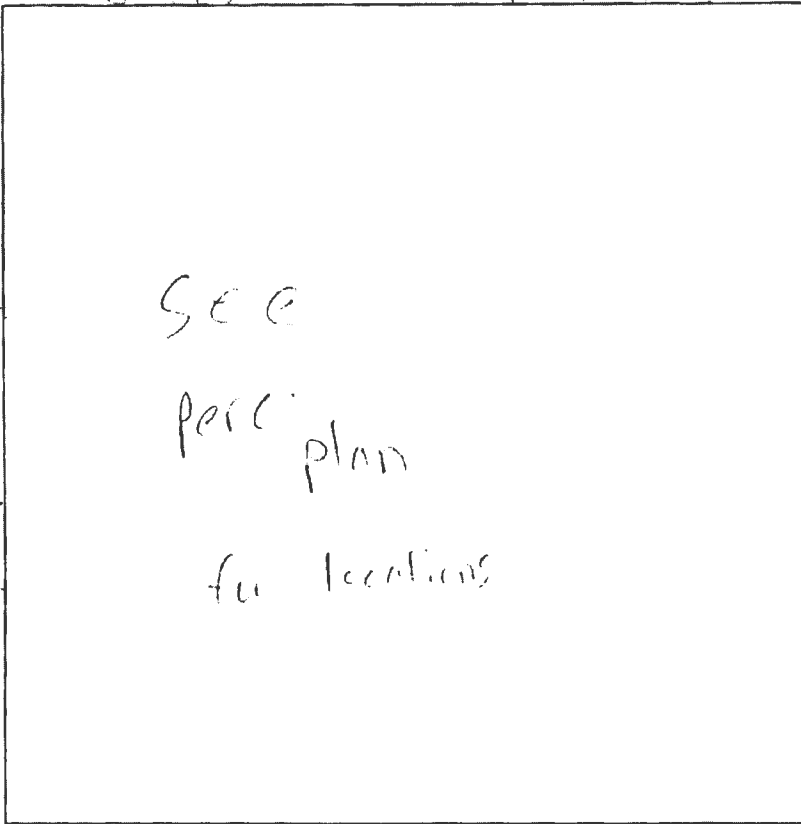
TESTED BY R. HODGES

ALSO PRESENT CHRIS D. BOWER  
O. KETTERMAN JR

Bucket in lots 50, 1, 4, 6, 8

AP

301 (LA 37)  
 1-3' ...  
 2-4' ...  
 7-12' ...  
 12-15' ...  
 15-18' ...  
 18-21' ...  
 21-24' ...  
 24-27' ...  
 27-30' ...



302 (LA 38)  
 0-4' ...  
 4-8' ...  
 8-12' ...  
 12-16' ...  
 16-20' ...  
 20-24' ...  
 24-28' ...  
 28-32' ...

310 (LA 39)  
 0-3' ...  
 3-6' ...  
 6-9' ...  
 9-12' ...  
 12-15' ...  
 15-18' ...  
 18-21' ...  
 21-24' ...  
 24-27' ...  
 27-30' ...

303 (LA 39)  
 0-4' ...  
 4-8' ...  
 8-12' ...  
 12-16' ...  
 16-20' ...  
 20-24' ...  
 24-28' ...  
 28-32' ...  
 NT

309 (LA 39)  
 0-4' ...  
 4-8' ...  
 8-12' ...  
 12-16' ...  
 16-20' ...  
 20-24' ...  
 24-28' ...  
 28-32' ...

306 (LA 40)

308 (LA 40)  
 4-8' ...  
 8-12' ...  
 12-16' ...  
 16-20' ...  
 20-24' ...  
 24-28' ...  
 28-32' ...

305 (LA 40)  
 12' ...  
 2-8' ...

305 (LA 40)  
 1-3' ...  
 3-6' ...  
 6-9' ...  
 9-12' ...  
 12-15' ...  
 15-18' ...  
 18-21' ...  
 21-24' ...  
 24-27' ...  
 27-30' ...

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/13/02	311 <sup>4</sup>	5'	11:38 <sub>am</sub>	11:41 <sub>am</sub>	11:43 <sub>am</sub>	4 <sub>min</sub>	F
7/13/02	310 <sup>4</sup>	5'	11:16 <sub>am</sub>	11:17 <sub>am</sub>	11:20 <sub>am</sub>	3 <sub>min</sub>	F
7/13/02	309 <sup>4</sup>	2'	1:52 <sub>pm</sub>	2:03 <sub>pm</sub>	2:22 <sub>pm</sub>	25 <sub>min</sub>	F
7/13/02	308 <sup>4</sup>	4' <sup>40</sup>	2:58 <sub>pm</sub>	3:05 <sub>pm</sub>	3:22 <sub>pm</sub>	>30 <sub>min</sub>	(F)
7/13/02	306	4' <sup>30</sup>	3:18 <sub>pm</sub>	3:24 <sub>pm</sub>	3:30 <sub>pm</sub>	12 <sub>min</sub>	F
7/13/02	305	3' LIN (A)	(Perc)				(F)
7/13/02	307	3' LIN (A)	(Perc)				(F)

REMARKS Machine broke down (ran out of fuel)  
 SANITARIAN Scott S. BACKHOE W. Allen OTHERS Jerry J.  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

post bottom  
 6' 9"

AVP

"315"

0-3' top soil  
 3'-2' Tan CL w/ roots  
 2'-3' Red/Bk CL hard pan  
 3'-5' Red/Yell. SCL hard pan w/ subsoil  
 5'-9' Tan/Bk SCL (hard/porous) > 2% shale  
 9'-12' Tan SCL looser (w/ roots)

"314"

0-2' top soil  
 2'-1' Tan CL w/ roots  
 1'-4' Red/Yell. CL hard pan  
 4'-7' Tan/Bk SCL hard pan w/ > 50% shale  
 7'-8' Red/Bk CL w/ roots  
 hard bottom

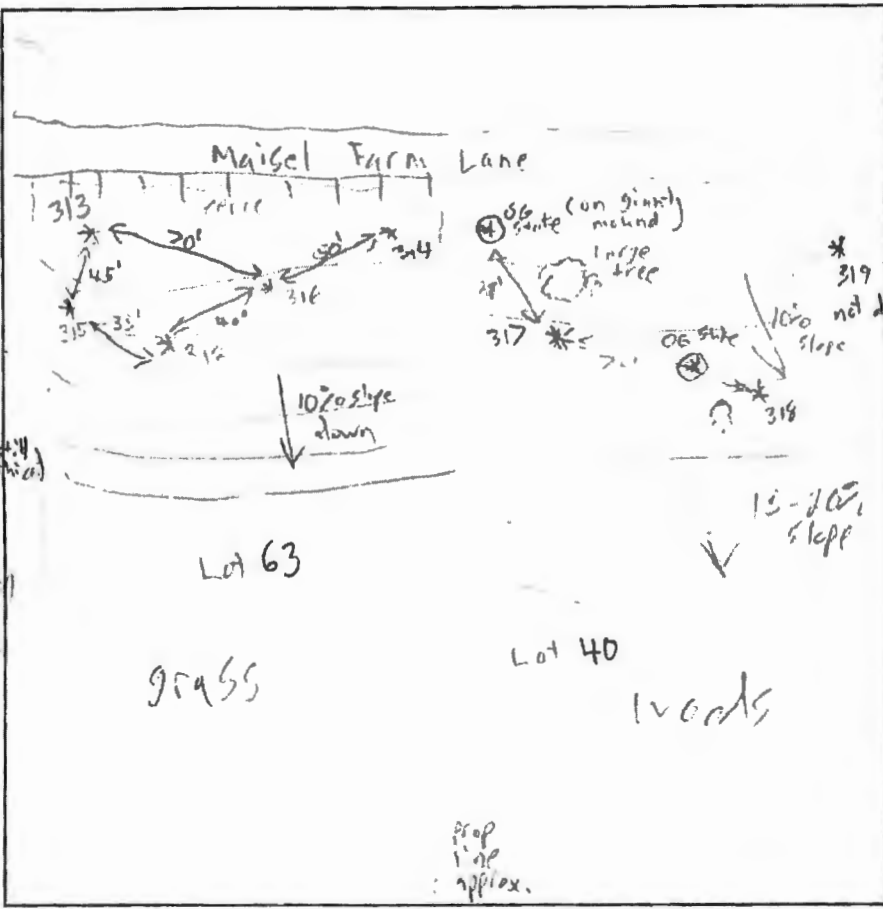
"312"

0-4' top soil  
 4'-2 1/2' Tan CL w/ roots  
 2'-4' Red/Yell. SCL w/ roots & gravel

5'-5' Red/Yellow SCL (w/ roots) mainly  
 5'-9' Tan/Bk SCL  
 9'-12' Tan SCL (w/ roots)

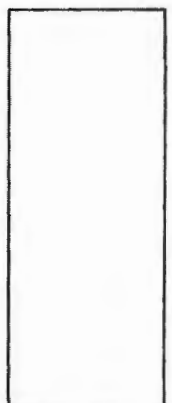
"315"

0-4' top soil  
 4'-2 1/2' Tan/Yellow SCL (w/ roots)  
 2'-4' Tan/Bk SCL (w/ roots)  
 5'-10' Tan/Bk SCL > 50% roots



"316"

0-3' top soil  
 3'-2' Tan SCL tight compact  
 2'-3' Red/Tan SCL (w/ roots)  
 3'-4 1/2' Tan/Bk SCL (compact but loose)  
 4 1/2' - 8' Tan/Med SCL w/ some shale  
 8'-9' Red/Bk SCL some shale  
 hard bottom  
 9' (max) comp. hard



"318"

2'-4' Tan/Bk SCL hard pan w/ > 50% shale  
 4'-5' Tan/Bk SCL w/ roots & gravel  
 5'-7' Tan/Bk SCL  
 hard bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
9/12/12	313	6'	11:58am	11:00	11:05		(P)	
9/12/12	314	UNSAT SOILS						(F)
9/12/12	312	5'	11:53am	30 sec	55 sec	Too fast		
9/12/12	312(a)	5'	11:55am	11:56am	11:58am	2mp	(P)	
9/12/12	315	UNSAT SOILS						(F)
9/12/12	316	4'	1:00pm	1:03pm	1:08pm	5mp	(P)	
9/12/12	317	5'	2:56pm	3:04	3:18pm	14mp	(P)	
9/12/12	318	UNSAT SOILS						(F)

REMARKS More testing may be required  
 SANITARIAN Zack Silvest BACKHOE J. Allen OTHERS T. Fertitta (FC)  
 TEST HOLES USED IN SDA TBA AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Off Main - [unclear] (with [unclear])

note "324"

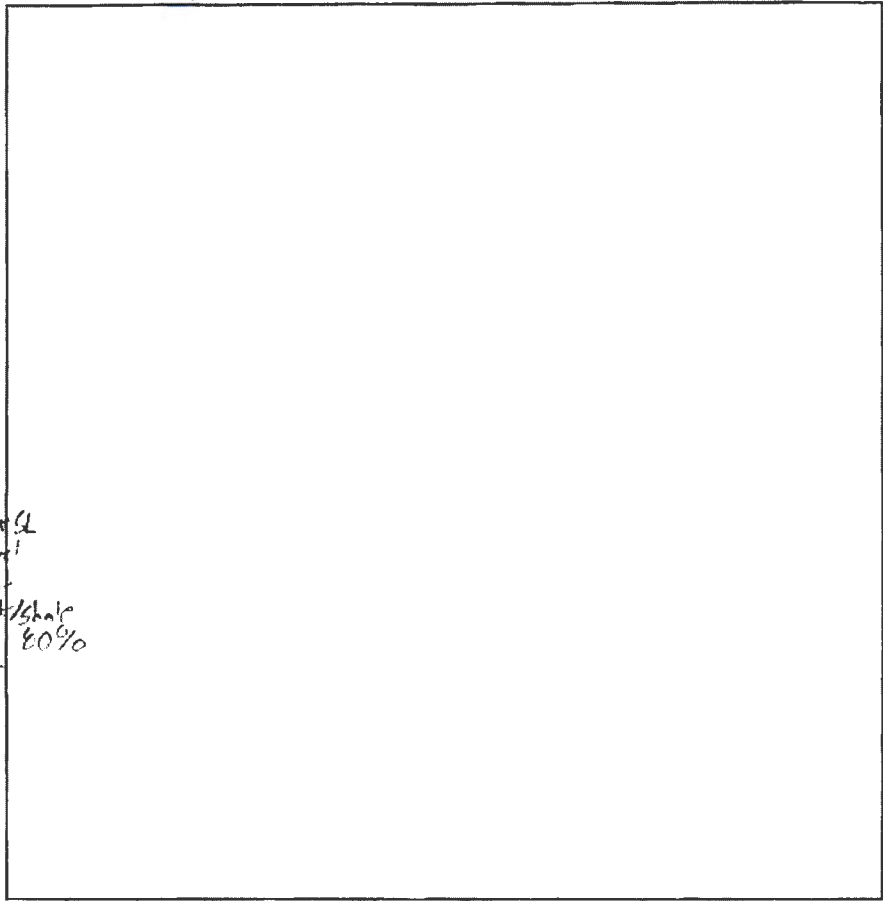
AP

hole "321"  
 0-1' top soil  
 1-2' Br./Red  
 SCL (mud)  
 w/ roots (L)  
 2 1/2' - 4' Tan/Red  
 SCL hard  
 Pun  
 w/ gravel  
 4' - 6' Br./Reddish  
 SL w/ large  
 gravel  
 6' - 7' Tan/Gr./Blk SL  
 w/ large gravel  
 7' - 10' Gray Tan/Pl-  
 SL w/ > rock/shale  
 10' rock bottom 80%

0-6" top soil  
 1'-3' Tan/Red  
 SCL  
 3'-4' Tan/Reddish  
 SL (compact)  
 but very  
 sandy  
 4'-7' Tan/Red  
 LS w/ gravel  
 7'-10' Tan/Red/Compact  
 LS w/ gravel  
 2' rock bottom

hole "323"  
 0-1' top soil  
 1-2' Br./Tan  
 SL w/ roots  
 (leaves)  
 3'-4' Br./Tan  
 SL compact  
 (chemical leach)  
 4'-5' Br./Reddish  
 SL (light)  
 w/ gravel  
 5'-7 1/2' Tan/Yellow  
 LS w/ gravel  
 7 1/2' - 9' Tan/Yellow  
 w/ gravel  
 9' rock bottom

hole "324"  
 0-6" top soil  
 1'-2 1/2' Tan/Yellow  
 SCL loose  
 w/ roots  
 2 1/2' - 4' Tan/Reddish  
 SL hard part  
 w/ gravel  
 4'-6' Tan/Yellow/Reddish  
 SL w/ gravel  
 6'-11' Tan/Yellow  
 LS w/ gravel

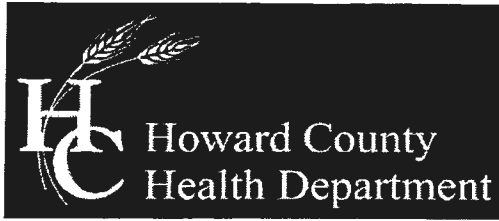


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/12/22	321	5'	10:13 am	10:16 am	4:00 pm	Too fast Too fast 2 dips FAIL due to	
10/12/22	323	5'	10:30 am	10:34 am	10:36 am	> 50% @ 5'	(P)
10/12/22	314	UNSAT SOILS					(F)
10/12/22	324	4'	11:16 am	11:17 am	11:19 am	2 dips	(P)
10/12/22	328	5'	11:29 am	11:31 am	11:39 am	8 dips	(P)
10/12/22	325	3 1/2'	12:12 pm	12:14 pm	12:19 pm	5 dips	(P)

hole "325"  
 0-4" top soil  
 4'-1' Brown/Reddish  
 SL (loose)  
 1'-2 1/2' Reddish/Red  
 SCL (loose)  
 2 1/2' - 6' Red/Brownish  
 regular  
 SL  
 6'-8' Tan/Grayish  
 > 50% rock  
 @ 8'

hole "324"  
 0-4" top soil  
 1'-2 1/2' Tan/Yellow  
 2 1/2' - 4' Tan/Yellow  
 4'-5' Tan/Yellow  
 5'-10' w/ gravel / yellow  
 clay SL

REMARKS Should have info holes to give 11, 11.6 lbs for each lot  
 SANITARIAN Zack Culwand BACKHOE J. Allen OTHERS T. Fertitta (FBI)  
 TEST HOLES USED IN SDA TBA AVG. PERC TIME SQ. FT/BR  
 TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 4248 Maicol Farm Ln

Subdivision: Buckskin Woods Lot: 64

Table with 4 columns: System/Replacement, Application rate, Effective area beginning depth, Bottom maximum depth. Includes handwritten entries like (302, 4, 1) and (301, 2, 300).

Design Flow = 150 gallons per day per bedroom
Design flow ÷ application rate = square footage of drainfield required
Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

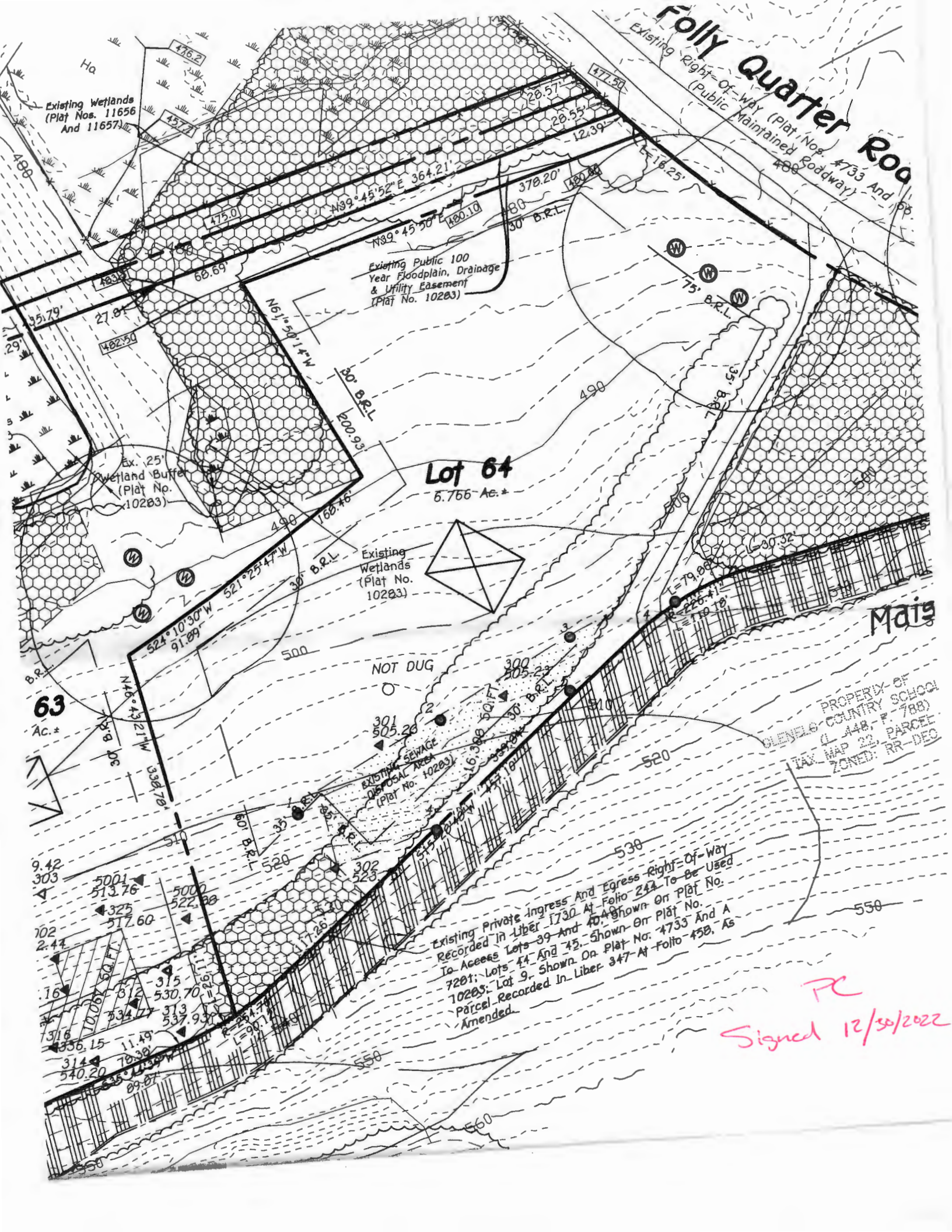
Sidewall reduction credit formula: (W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

- Standard design requirements:
• Trenches must be located to provide room for 3 systems in the disposal area
• All trenches must be equal length unless low pressure dosed
• All trenches must be on contour
• Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
• Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
• Maximum trench length is 100'
• Maximum pipe depth is 4'

Additional requirements:

Approved: [Signature] Date: 10/13/2023

# Folly Quarter Road



Existing Wetlands  
(Plat Nos. 11656  
And 11657)

Existing Public 100  
Year Floodplain, Drainage  
& Utility Easement  
(Plat No. 10283)

**Lot 64**  
6.756 Ac. ±

Existing  
Wetlands  
(Plat No.  
10283)

NOT DUG

EXISTING SEWAGE  
DISPOSAL AREA  
(Plat No. 10283)

PROPERTY OF  
GLENELO-COUNTRY SCHOOL  
L. 448-P. 788)  
TAX MAP 22, PARCEL  
ZONED: RR-DEC

Existing Private Ingress And Egress Right-Of-Way  
Recorded In Liber 1730 At Folio 244 To Be Used  
To Access Lots 39 And 40, Shown On Plat No.  
7201; Lots 44 And 45, Shown On Plat No.  
10205; Lot 9, Shown On Plat No. 4733 And A  
Parcel Recorded In Liber 347 At Folio 458, As  
Amended.

PC  
Signed 12/30/2022

---

Maura J. Rossman, M.D., Health Officer

December 7<sup>th</sup>, 2022

TO: Thomas H. Price III, Applicant

CC: Tony Fertitta & Terry Fisher, FCC Inc.

RE: **PART 2:** Off Maisel Farm Lane (Buckskin Woods - Percolation test results and data) [Lots 50, 39, 40, 63, 64]

To Whom It May Concern,

On September 23<sup>rd</sup> & October 12<sup>th</sup>, 2022, a second round of percolation tests were conducted as scheduled off of Maisel Farm Lane in order to resolve issues with the proposed SDAs on lot 63 & lot 40. The proposed sewage disposal areas (SDAs) were thoroughly tested and evaluated on these days. The test sites were dominated by one main soil type, Manor loam (MaD). There was also some Gladstone loam (GbC) located on-site within proximity to testable areas. Wiltshire soil (WhA) was also heavily located on the site, but only near the back of the properties located strictly in areas deemed to be wetlands. Six perc holes were originally staked for testing 5500-5505. Holes were later renamed for continuity purposes and another seven additional holes were dug & staked on-site during testing. The holes were labeled as 312-319 & 321-325. In September, seven holes were evaluated (312-318). In October, six more holes were evaluated which focused primarily on working around a failed middle hole on lot 40 (319, 321-325).

On the September 23<sup>rd</sup> test date, five holes were dug on lot 40. Staked locations were adjusted based on perc results, soils encountered, and making sure adequate space was provided. While testing, the contractor was extremely careful around all trees & brush. Lot 40 ended up having mixed success with the new perc tests. Hole 313 was dug first and was labeled as a PASS. Then Hole 314 was tested and labeled as a FAIL, we encountered a hard bottom at 8' on this hole with no testable soils in between. Hole 312 was tested next, the soils extracted out of this test pit were some of the best on the property and the hole was designated as a PASS. Then we ran into trouble again, hole 315 possessed a rock/shale soil composition that was greater than fifty percent from 5' to 10' and was designated as a FAIL. At this time, we had two passing and two failing which was not promising. I decided that another hole should be dug in order to determine where a future septic system would not be negatively impacted by rocks/gravel. Luckily, I used my field skills to propose perc test hole 316. Hole 316 delivered us stable soils with enough room in the soil horizon to produce a viable perc test. Although we hit rock bottom at 9 feet on this hole, we could test at 4' and maintain our 4 feet of separation from restrictive layers. Hole 16 was marked as a PASS. Between this new testing and previous testing, FCC and myself felt confident that enough testing was conducted to be able to establish a usable 10,000 sf SDA.

The testing on September 23<sup>rd</sup> continued onto lot 40. Three holes were staked, but again they had to be adjusted based on topography and accounting for sufficient distance between successful percs. Adequate sewage disposal area has been the hardest to obtain on this particular lot, much more so than the other four lots in question. Hole 317 was originally staked on a giant, obtruse piece of natural earth. SO naturally due to its strange elevation, I moved the perc hole away from this spot roughly 25-30 feet away & around a large tree. Perc 317 did not have the greatest soil profile put it did produce a 14 minute passing perc test. Perc 317 was designated as a PASS. Next hole 318 did produce a layer of

soil that would have passed conventional rates, but unfortunately we were prevented from going further down than 7 feet due to rock bottom. The testable soil did not occur until 4-5 feet down. A large gravel layer greater than 50% was discovered in the upper soil horizon close to ground surface as well. Then we had a Back-Hoe machine completely disassemble on the side of a heavily sloping site, so perc testing could not continue on this day.


Three weeks passed and then the October 12<sup>th</sup> test date arrived. And the septic contractor had a fully capable & working machine out on the test site. Again, we had mixed results for the day. A couple holes were dug prior to my arrival on site. The first hole I examined (321) seemed to have a testable depth, so I poured water. Unfortunately, I poured water three times and kept recording a very fast perc rate. Faster than the minimum 2 minutes, so I knew something was not right. Sure enough, I had the contractor take the shelf down below 5 feet and we hit a rock/shale layer greater than 80% content. So hole 321 was designated as a FAIL. Next hole 323 was dug and there were very adequate soils present. Water only had to be re-poured once due to a fast rate, but the hole 323 was labeled as a PASS. Next, hole 319 was dug. This hole had a heavy clay profile throughout and was labeled as a FAIL for unsatisfactory soils. Two more additional holes were dug on Lot 40, holes 324 & 322 were also labeled as a pass. Lastly to be safe with lot 63, hole 325 was dug to ensure that the proposed SDA for this lot would have zero hiccups. Perc test 325 was also designated as a PASS.

All evaluated locations must be field-located and illustrated on the Percolation Certification Plan. Accurate elevation points should be provided for each test pit that was tested, along with 15% & 25% slopes shown on the topography. There is no guarantee that a complete 10,000 sf SDA can be created due to failure at multiple holes on lots 63 & 40 respectively.

Locations of percolation tests that 'PASS' are used to define the soils that are suitable for inclusion in an SDA proposed on the Percolation Certification Plan. The results and suitable areas for wastewater discharge are certified by the Approving Authority's signature of the Percolation Certification Plan. After the Percolation Certification Plan is signed by the Bureau of Environmental Health Director, the Health Department's Environmental Health Specialists may consider review and approval of the subdivision and permit proposals such as well or septic system permits and building permits.

If you have questions related to this report, you may reply to me via email, [zsilvast@howardcountymd.gov](mailto:zsilvast@howardcountymd.gov), or call my desk, 410-313-1777.

Respectfully,



Zackary Silvast, REHS/RS, L.E.H.S.

Plan Review Supervisor

Well and Septic Program (*Howard County HD*)

Enclosures: Percolation Test Results memo & Field Worksheet



Bureau of Environmental Health  
8930 Stanford Blvd | Columbia, MD 21045  
410.313.2640 - Voice/Relay  
410.313.2648 - Fax  
1.866.313.6300 - Toll Free

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Maura J. Rossman, M.D., Health Officer

August 15<sup>th</sup>, 2022

TO: Thomas H. Price III, Applicant

CC: Tony Fertitta, FCC Inc.

RE: Off Maisel Farm Lane (Buckskin Woods - Percolation test results and data) [Lots 50,39,40,63,64]

To Whom It May Concern,

On July 13<sup>th</sup> & 15<sup>th</sup>, 2022, percolation tests were conducted as scheduled off of Maisel Farm Lane in order to provide integrity to previously established SDAs and to bring those SDAs under current/modern levels of standard review. The proposed sewage disposal areas (SDAs) were thoroughly tested and evaluated on these days. The test sites were dominated by one main soil type, Manor loam (MaD). There was also some Gladstone loam (GbC) located on-site within proximity to testable areas. Wiltshire soil (WhA) was also heavily located on the site, but only near the back of the properties located strictly in areas deemed to be wetlands. Twelve perc holes were originally staked for testing 300-311. Eight additional holes were dug later; and staked on-site during testing (5000-5007).

Locations 311-308 were dug in that order at their respective staked locations for lots 50, 39, and 40 respectfully. More testing would have been accomplished on the 13<sup>th</sup> but there was an equipment maintenance issue which delayed testing for roughly 2 hours. Holes 311 & 310 were designated as a PASS for lot 50. Hole 309 for lot 39 was also designated as a PASS. We began to have issues with lot 40 & 63 near the tail-end of the day on the 13<sup>th</sup>. Hole 308 for lot 40 was designated as a FAIL. This was a major concern as hole 308 was a middle hole in a previously approved SDA. Instead of re-configuring that day, I continued to gather data for this property. So, we moved to lot 63 to close out the day and had split success. Hole 306 near the edge of the woods was designated as a PASS. However, holes 305 & 303 were designated as FAILS. They were unsatisfactory due to poor soil conditions, high water table, and rock bottoms. This information gathered allowed Mr. Tony Fertitta to do some perc plan adjustments until our next test date.

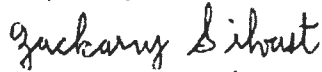
We began testing on the 15<sup>th</sup> of July on Lot 63 where we encountered a rock outcrop. The first "new" test hole on lot 63 was 5001 which was designated as a PASS. Holes 5004 & 5003 were dug next, they ended up being a part of the rock outcrop and were designated as FAILS. Then there was a string of success when the HD picked perc test hole locations based on holding a passing contour line and closer to the edge of the Forest Conservation boundary. The further uphill the better: holes 5005, 304, and 5002 were designated as a PASS in rapid succession. We then moved to testing Lot 64: holes 300, 301, and 302 were all designated as a PASS at their originally staked locations. We then backtracked to lot 40 in an attempt to fix the issue of the failed middle hole from July 13<sup>th</sup>. Newly staked test holes 5006 & 5007 developed into acceptable percs and were designated as a PASS. Until lots 40 and 63 have undergone field location and are mapped out on a scaled plan, there is no way to determine if they will be able to develop into approvable SDAs.

All evaluated locations must be field-located and illustrated on the Percolation Certification Plan. There is no guarantee that a complete 10,000 sf SDA can be created due to failure at holes 308 & 305 for lots 40 & 63 respectively.

Locations of percolation tests that 'PASS' are used to define the soils that are suitable for inclusion in an SDA proposed on the Percolation Certification Plan. The results and suitable areas for wastewater discharge are certified by the Approving Authority's signature of the Percolation Certification Plan. After the Percolation Certification Plan is signed by the Bureau of Environmental Health Director, the Health Department's Environmental Health Specialists may consider review and approval of the subdivision and permit proposals such as well or septic system permits and building permits.

If you have questions related to this report, you may reply to me via email, [zsilvast@howardcountymd.gov](mailto:zsilvast@howardcountymd.gov), or call my desk, 410-313-1777.

Respectfully,



Zackary Silvast, REHS/RS, L.E.H.S.

Plan Review Supervisor

Well and Septic Program (*Howard County HD*)

Enclosures: Percolation Test Results memo & Field Worksheet

# Buckskin Lots (50, 34, 40, 63, 64)

A/P

[304] - 63

5001 (lot 63)

0-5' top soil  
5'-2' Br. Red SCL  
2'-4' Red/Tan CL  
4'-5' Red/Tan SCL  
5'-11' Tan/Red SL  
11' rock bottom

5004 (lot 63)

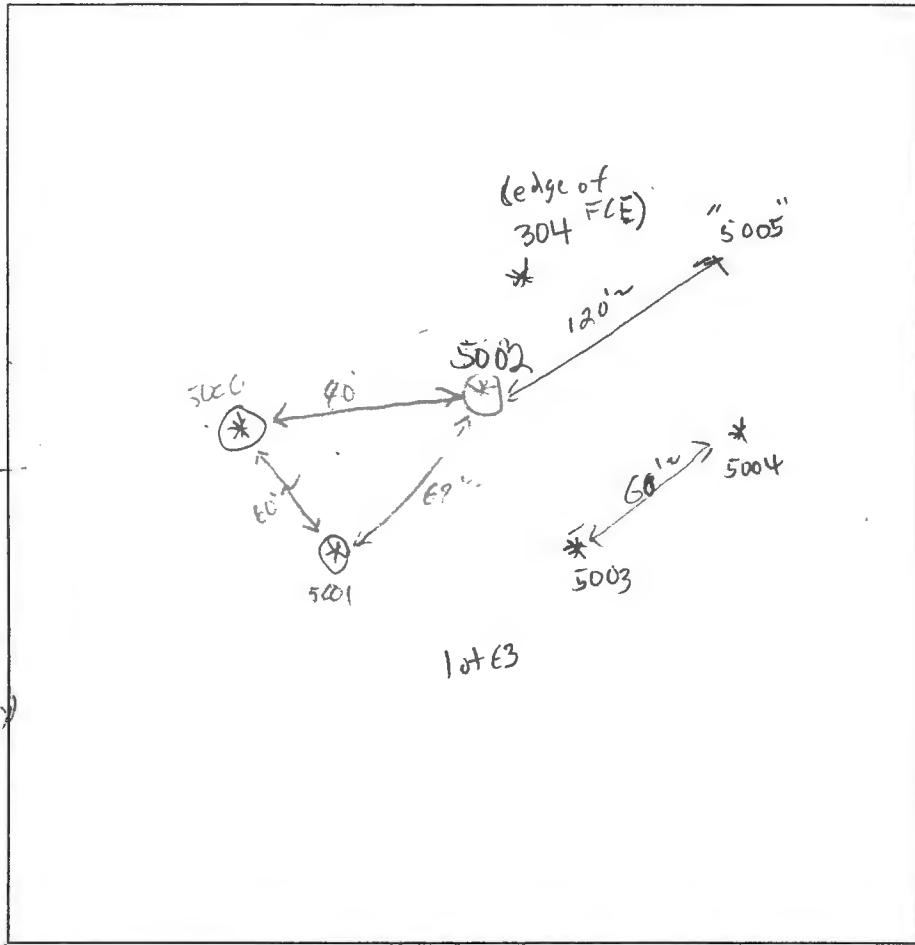
0-4' top soil  
4'-1' Red/Br. SCL  
1'-3' Red/Br. CL  
3'-6' Red/Br. SCL  
6'-7' Rock/CL  
7'-16' Br./Red SL  
rock bottom @ 10'

5003 (lot 63)

0-4' top soil  
4'-16' Er. SL  
1'-3' Er. Red SCL  
3'-5' Red/Br. CL  
7'-9' Red/Br. CL  
rock bottom @ 9'

5005 (lot 63)

0-4" top soil  
4'-1 1/2 Tan SL  
1 1/2'-3' Tan/Red SL  
3'-4' Tan/Red SCL  
4'-12' Or./Tan SL



0-3" top soil  
3'-1' Er. SL  
1'-3' Br. Red SCL  
3'-2' Red/Tan  
5'-12' Tan/Red SL

5002 (lot 63)

0-4" top soil  
4'-2' Red/Tan CL  
1'-3 1/2' Red/Tan SCL  
3 1/2'-4' Red/Tan SCL  
4'-9' Tan/Red SL  
rock bottom @ 9'

5000 (lot 63)

0-4" top soil  
4'-2' Red/Tan SCL  
2'-4' Red/Tan SCL  
4'-12' Tan LS

301 (lot 64)

0-4" top soil  
4'-1 1/2' Tan SCL  
1 1/2'-4' Tan CL  
4'-7' Br./Red CL  
7'-12' Tan SL

300 (lot 64)

0-4" top soil  
4'-2' Tan SCL  
2'-4' Red/Tan SCL  
4'-6' Red/Tan SCL  
6'-8' Tan/Yellow SL  
6'-12' Tan LS

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/15/22	5001	6'	10:14 am	10:18 am	10:25 am	7mp.	(P)
7/15/22	5004	4	INSAT	soils			(F)
7/15/22	5003	11	INSAT	soils			(F)
7/15/22	5005	5'	10:50 am	10:52 am	10:55 am	3mp.	(F)
7/15/22	5004	6'	11:15 am	11:18 am	11:21 am	6mp.	(P)
7/15/22	5002	5'	11:40 am	11:46 am	11:54 am	8mp.	(P)
7/15/22	300	7'	1:34 pm	1:35	1:37	2mp.	(P)
7/15/22	301	8'	1:44 pm	1:46 pm	1:50 pm	4mp.	(P)
7/15/22	5000	5'	3:06 pm	3:07 pm	3:09 pm	2mp.	(P)

REMARKS Lots of extra holes  
 SANITARIAN Zuck S. BACKHOE Jeff Allen OTHERS Tony F.  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

A/P

maisel farm ln

302 (lot 64)

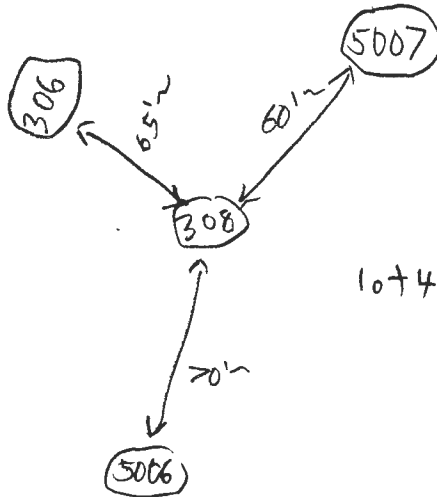
0-4" top soil  
 4'-1 1/2' Tan SL  
 w/ roots  
 1 1/2'-3' Tan SL  
 tight  
 3'-4' Tan SCL  
 loose  
 4'-8' Tan/Red SL  
 8'-12' Tan/White S

5006 (lot 40)

0-6" top soil/  
 leaf litter  
 6"-2' Tan SCL  
 hard angular  
 2'-4' Tan/Red CL  
 4'-5' Tan/Red CL  
 w/ > 40%  
 rock  
 5'-6' Tan/Red SCL  
 (tight)  
 6'-10' Red/Pink/yellow  
 SCL small  
 clay particles  
 w/ grit  
 10'-11' Tan/Grey/Yellow  
 SCL w/ gravel  
 4' Clay/white/yellow  
 restrictive  
 11'-12' Tan/Grey  
 SCL wet

5007 (lot 40)

0-6" top soil/  
 leaf litter  
 6"-2' Br/Tan SL  
 w/ roots  
 some gravel  
 2'-4 1/2' Red/Tan  
 CL  
 4 1/2'-5' Red/Tan  
 SCL  
 5'-10' Tan/Red  
 SL  
 some  
 shale @ 4'  
 30%



DATE	TEST #	DEPTH	START	BREAK	STOP	TIME OF	P/F/H
			2:07 <sup>1st</sup> 2:09 <sup>2nd</sup>	1" DROP 2:10pm	2" DROP 2:12pm	2mp'	(P)
7/15/22	302	5'	2:09pm re-pour	2:10pm	2:12pm	2mp'	(P)
7/15/22	5006	7'	2:36pm	2:43pm	3:04pm	2mp'	(P)
7/15/22	5007	6'	2:53pm re-pour 2:55pm	2:54pm 2:56pm	2:53pm 2:58pm	2mp'	(P)

REMARKS Lots of extra holes  
 SANITARIAN Zuck S. BACKHOE Jeff Allen OTHERS Tony F.  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_