

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 531370-R

AGENCY REVIEW: _____

DATE 6-28-12

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- ☒ CONSTRUCT NEW SEPTIC SYSTEM(S)
☐ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S)
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- ☒ CREATE NEW LOT(S)
☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
☐ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES
☒ NO

THE TYPE OF STRUCTURE IS:

- ☒ RESIDENTIAL WITH 5 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
☐ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) JANET MARSHALL (CHM, LLC.)

DAYTIME PHONE (410) 531-1460 CELL N/A FAX N/A

MAILING ADDRESS 5027 TEN OAKS ROAD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT JEREMY RUTTER

DAYTIME PHONE N/A CELL (410) 982-2882 FAX N/A

MAILING ADDRESS P.O. Box 126 LISBON MARYLAND 21765
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 5027 TEN OAKS ROAD LOT NO. 17

PROPERTY ADDRESS CLARKSVILLE, MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 9 PARCEL(S) 45 PROPOSED LOT SIZE 1

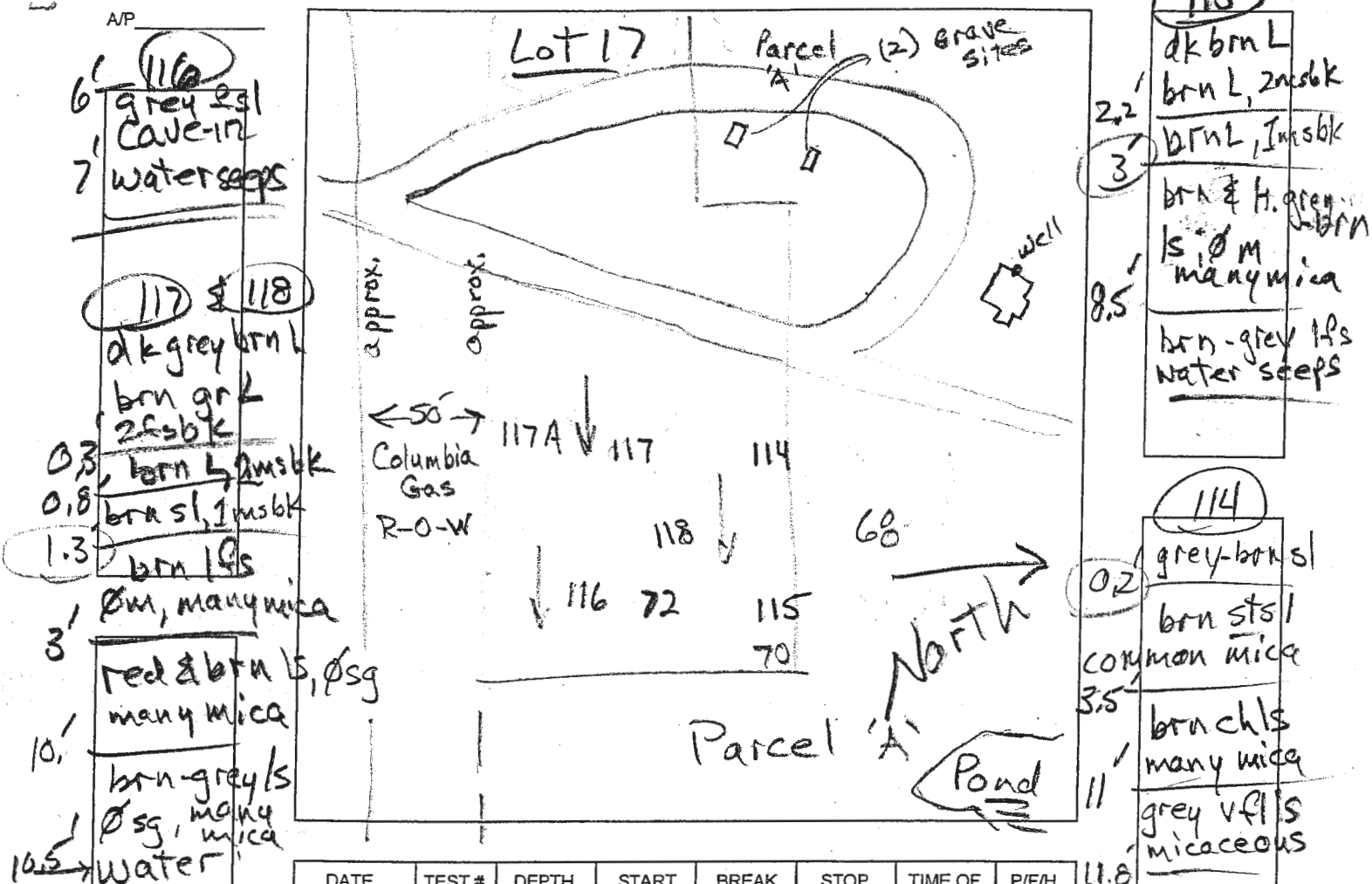
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Jeremy Rutter
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/29/13	116	6'	Visual	apparent w.r.			F
5/29/13	117	3.5' / 10'	2:55	2:57	3:20	3	P
5/29/13	118	10'	Visual		1:5 to 6:00		P
5/29/13	115	4.3' / 8.5'	3:10	3:13	3:18	5	P
5/29/13	114	4.5' / 11'	0	m:s 1:53	m:s 4:28	m:s 2:35	P
5/29/13	117-A	3.4' / 10.5'	0	m:s 1:39	m:s 3:59	m:s 2:20	P

REMARKS

SANITARIAN

R Bricker

BACKHOE

Chuck Zepp

OTHERS

Jeremy Rutter

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

Lots 17, 18 & 19

AP

81

2' dk grey-brn L
3.8' brn sl to brn and greys
5.5' red & grey
sic
grey, red & brn strata
sicl

77

dk grey-brn sl to brn sl
m. mica

brn h
c. mica

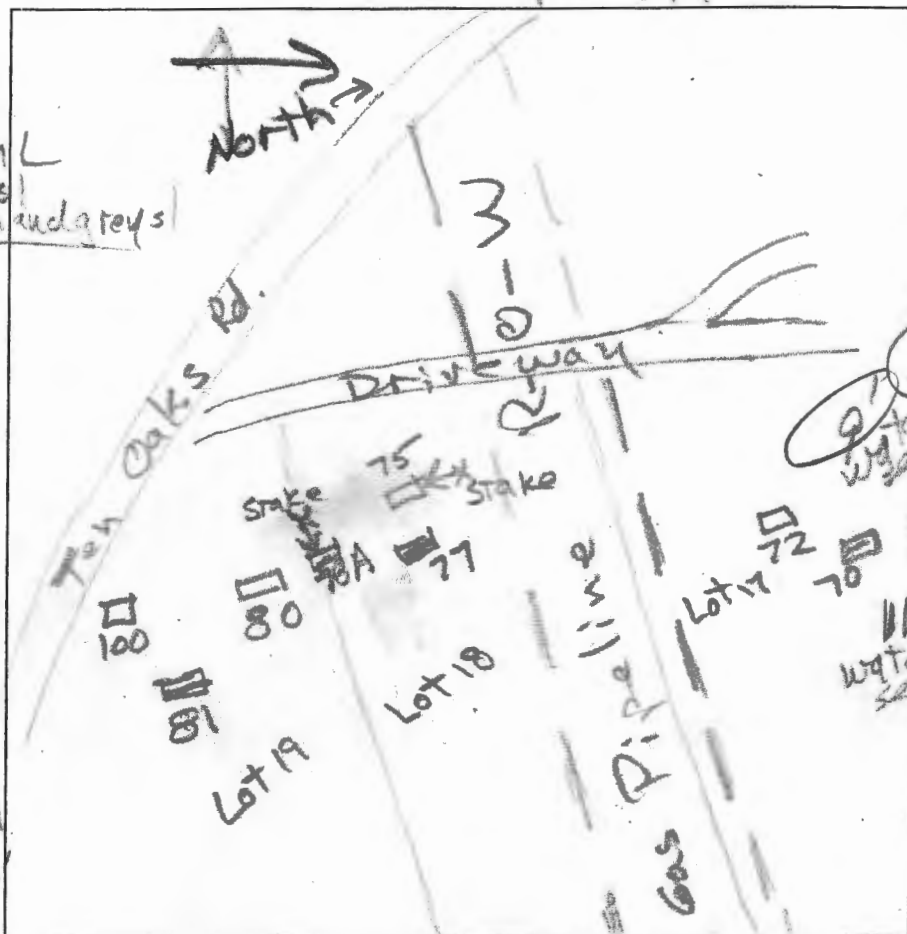
brn sl
m. mica

grey-br
sl m. mica

red & grey
con. Anco

grey gr sl
m. mica

8.2'



72

dk brn
brn cl
c. mica

yel-brn fcl

brn fcl
mica, heavy

yel-brn &
pale yellow
m. mica

yel-red

pale yel
fcl, m. mica
impl

70

dk grey-brn L
brn L

yel-brn cl

brn L

yel brn sic

3 p (pale yel)
sil

pale yel sil

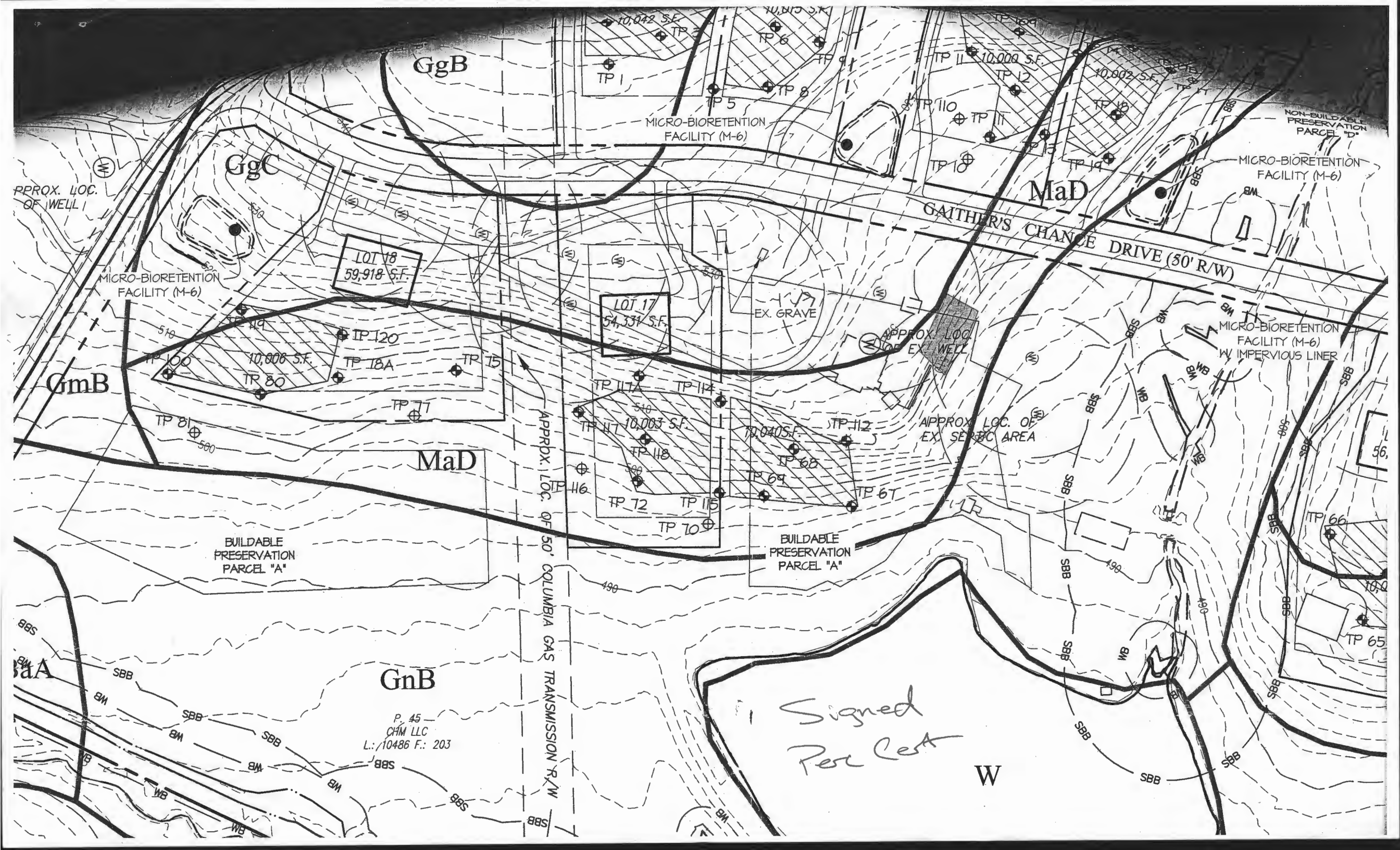
yel-red sicl

water seep

8.2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/5/13	81	5.5'	Visual		water table & texture		F
3/5/13	77	6.8'	Visual		water seeps		F
3/5/13	72	5.2'	2:26	2:30	2:42	12	P
3/5/13	70	6'	Visual		sic texture 2" ribbon		F

REMARKS Did not dig 71, 73, 76, 79, or 82
 SANITARIAN RB BACKHOE Chuck Zell OTHERS Jeremy Rutter
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



GgB

GgC

MaD

GmB

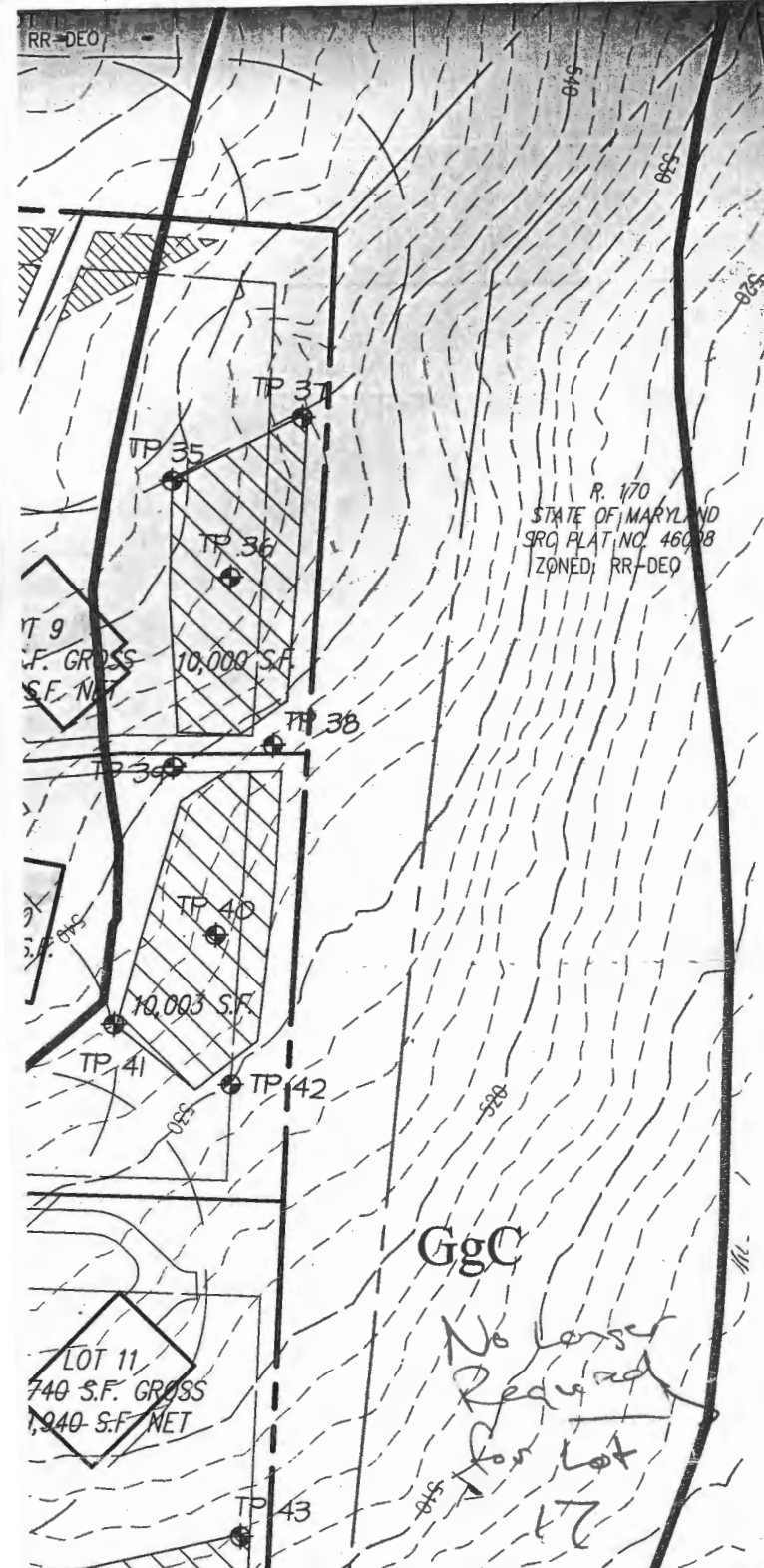
MaD

GnB

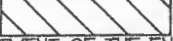
P. 45 -
CHM LLC
L.: 10486 F.: 203

Signed
Per Cert

W



HEALTH DEPARTMENT NOTES

1. THE AREA SHOWN THUS:  DESIGNATES PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET PER INDIVIDUAL LOT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT AREAS. RECORDATION OF A MODIFIED SEWERAGE EASEMENTS SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT APPROVAL. IT IS THE DEVELOPER RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT. IF THE WELL SUCCESS RATE IS ACCOMPLISHED AT VARIOUS LOCATIONS WITHIN THE SITE, THE DEVELOPER SHALL HAVE THE OPTION TO REQUEST RELIEF FROM DRILLING THE REMAINING WELLS PRIOR TO PLAT RECORDATION.
4. SEE GENERAL NOTES 16 AND 18 FOR TOPOGRAPHY AND BOUNDARY INFORMATION
5. ALL EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
6. PROPERTY TABULATION:
 - A. TAX PARCEL 45
 - B. TOTAL ACREAGE: 57.83 Ac.
7. ALL BUILDINGS LABELED "TO BE REMOVED" WILL BE REMOVED PRIOR TO RECORD PLAT APPROVAL.
8. ALL EXISTING WELLS ON THE SUBJECT PROPERTY WILL BE PROPERLY ABANDONED AND SEALED BY LICENSED WELL DRILLER PRIOR TO RECORD PLAT APPROVAL OR BUILDING PERMIT APPROVAL.
9. THE SEPTIC SYSTEM SERVING THE EXISTING RESIDENCE ON PROPOSED PRESERVATION PARCEL 'A' MUST BE REPLACED, THEN PROPERLY ABANDONED PRIOR TO BUILDING PERMIT APPROVAL OR SUBMITTAL OF FINAL PLAT, WHICHEVER OCCURS FIRST.
10. GROUND WATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO PLAT RECORDATION. WELL PERMITS WILL NOT BE ISSUED UNTIL THE GROUNDWATER APPROPRIATIONS PERMIT HAS BEEN RELEASED BY MARYLAND DEPARTMENT OF THE ENVIRONMENT. ALL WELLS MUST BE DRILLED AND APPROVED PRIOR TO THE SUBMITTAL OF THE RECORD PLAT.
11. ALL LOTS ON THIS PLAN HAVE A PLAN LIMITATION OF 5-BEDROOMS UNLESS AN EXHIBIT PRESENTED BY A CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE SEPTIC EASEMENT WILL ACCOMMODATE 3 DRAIN FIELDS FOR A RESIDENCE HAVING 6 BEDROOMS OR MORE.
12. MARYLAND DEPARTMENT OF ENVIRONMENT MAY REQUIRE SIMULTANEOUS YIELD TESTS DURING INSTALLATION OF WELLS HAVING LESS THAN 100 FEET HORIZONTAL SEPARATION.
13. DRILLED WELLS WILL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
14. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED WELLS DOWNGRADE OF SEWERAGE DISPOSAL AREAS IN THIS PROPOSED SUBDIVISION PURSUANT TO THE CONDITIONS STATED IN NOTES '15' AND '16' BELOW.
15. LOW-PRESSURE DISTRIBUTION (LPD) SYSTEMS WILL BE REQUIRED IN SEPTIC SYSTEM DRAINFIELDS ON ALL LOTS IN THIS SUBDIVISION.
16. WELLS INSTALLED ON LOTS '3', '5', '6', '7', '10', '11', '12', '13', '14', '17', AND ON PARCEL 'A' ARE TO HAVE STEEL CASING. THE WELLS' CASINGS ARE TO BE SET AT A MINIMUM OF 50 FEET DEPTH OR AT LEAST 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER.
17. WELLS INITIALLY INSTALLED ON LOTS '1', '2', '8', '9', '10', '11', AND '18' ARE TO BE SAMPLED AT YIELD TEST FOR TOTAL DISSOLVED SOLIDS (TDS) AND NITRATE-NITROGEN (NO₃-N).
18. INSTALLATION OF SEPTIC FIELDS AND WELLS WILL RESULT IN DAMAGE TO, OR DESTRUCTION OF NEARBY VEGETATION. SEVERAL SPECIMEN TREES ARE AMONG THE VEGETATION WHICH MAY BE DAMAGED DURING INSTALLATION ACTIVITIES ON LOTS 12 AND 13.

VICINITY MAP

SCALE: 1" = 2,000'

BENCHMARKS

28DA	ELEV. 564.382	N = 510,624.46	E = 152,744.01
28EC	ELEV. = 553.821	N = 510,751.586	E = 152,744.01

ADC MAP: 24 GRID: E5