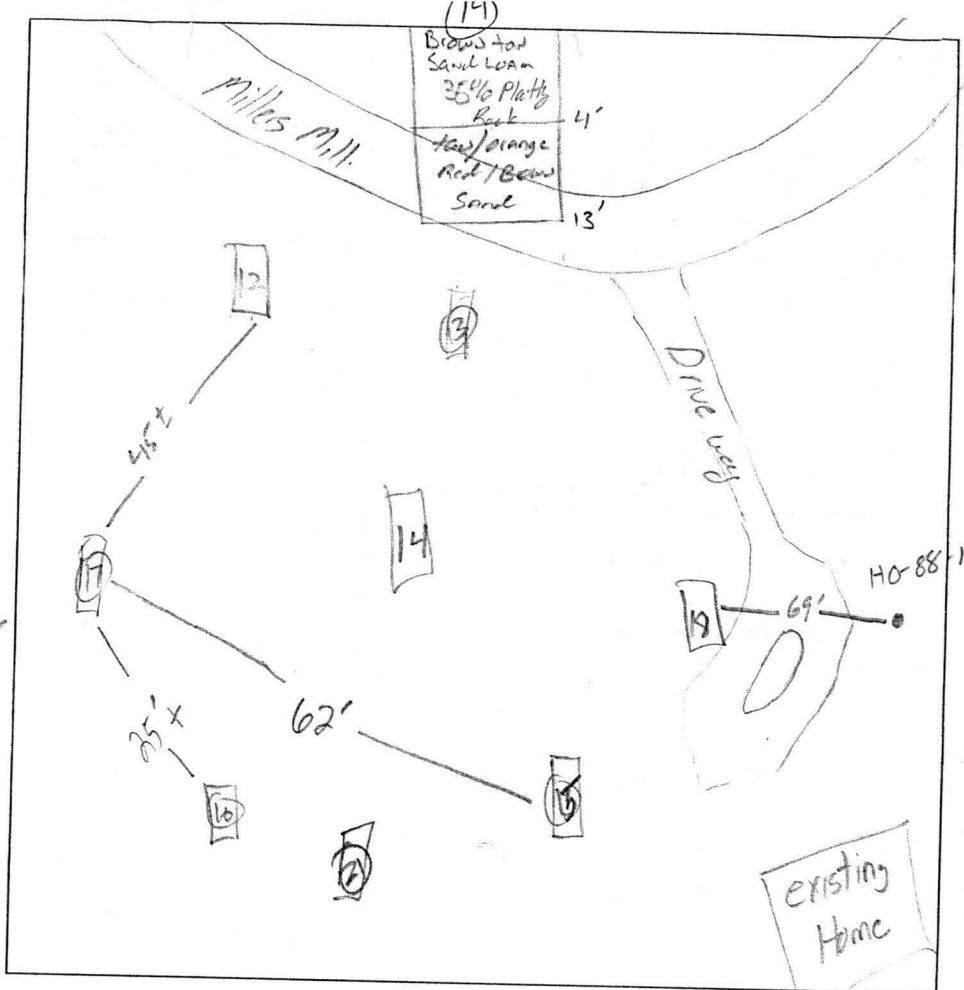


AP
 (13)
 Brown/tan Loam 2'
 Red/Yellow tan/Red Orange silt loam 6'
 tan/Brown sand 13'

(12)
 Brown loam 1'
 tan/Brown sil 2'
 Pink/orange Red/Yellow tan Sandy loam 6'
 Brown/tan sand 12 1/2'

(16)
 Brown loam 1'
 Brown/tan sandy loam
 < 50% Rock 4'



(15)
 Brown/tan Orange/Red SL with Platy Rock 30-35% 5'
 tan/Brown weakly cemented sand/SL 14'

(17)
 Brown/tan loam 2 1/2'
 Red/tan orange/Brown gravelly sil 5 1/2'
 tan/yellow Brown sand 14'

(18)
 Brown loam 1'
 Red/Brown tan/yellow coarse grained sand 3'
 tan/Brown fine grained sand 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/7/04	13	6' / 13'	9:02	9:09	9:24	15 min	P
	12	12 1/2'	- Visual -			-	P
	16	4'	Visual	< 50%			F
	15	6 1/2' / 14'	9:42	9:45	9:51	6 min	P
	17	6 1/2' / 14'	9:58	10:00	10:02	2 min	P
	18	6' / 13'	10:09	10:13	10:18	5 min	P
	14	13'	Visual				P

REMARKS # 12-13 vertical all holes dug per plan except
 SANITARIAN KTB BACKHOE Willie OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

A/P

1/2 Red/Brown Sil
 Yellow/Brown mica Sil
 w/ 15%
 Rock at (6-8') small pocket.

Holes on other sheets & Dig per plan

Orange/Red Sil w/ 15% mica nodules
 Red/Brown Sil
 Yellow/Brown Sil w/ trace Rock

Red/Brown Brown Sil
 Yellow/Brown ORANS mica Sil
 Yellow/Brown Sil w/ 5% Dark mica nodules

21
 Brown Sil
 Yellow/Brown Sil w/ 25% Cobble Rock
 Yellow/Brown Sil w/ 40-50% Rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/13/01	19	5' 13"	9:33	9:35	9:41	6min	P
	20	4 1/2' 13"	9:34	9:38	9:42	4min	P
	22	12'	- Visual -			ok	P
	21	10'	- Visual -			Rock	F

REMARKS - 21 - to see where rock stops - less Rock toward 19
 SANITARIAN _____ BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

NOTES:

LEGEND

- DESIGNATES LIMIT OF DISTURBANCE
- DESIGNATES PROPOSED SILT FENCE
- DESIGNATES PROPOSED CONTOUR
- DESIGNATES PROPOSED SPOT ELEVATION
- DESIGNATES BUILDING RESTRICTION LINE
- DESIGNATES PROPOSED DRIVEWAY
- DESIGNATES EXISTING DRIVEWAY
- DESIGNATES EXISTING USE-IN-COMMON EASEMENT
- DESIGNATES TREE OR TREE LINE

TOTAL DISTURBED AREA 15,455 SQ. FT.±
STORMWATER MANAGEMENT WAS PROVIDED WITH F-06-159.

SEPTIC SYSTEM DATA

HOUSE	
INV. AT HOUSE	572.25
SEPTIC TANK	
EX. GRADE	572.0
FIN. GRADE	573.2
INV. IN	571.85
INV. OUT	571.55
DISTRIBUTION BOX	
EX. GRADE	574.0
FIN. GRADE	574.0
INV. IN	571.0

AN EJECTOR PUMP WILL BE USED.
DIST. BOX & TRENCH INVERTS, NUMBER & LENGTH OF TRENCHES, TO BE DETERMINED BY BUREAU OF ENVIRONMENTAL HEALTH

NOTES:

- TOPOGRAPHY SHOWN WITHIN THE LOT ITSELF WAS FIELD RUN BY SHANABERGER & LANE IN OCTOBER 2009. TOPOGRAPHY SHOWN OUTSIDE THE LOT IS FROM HOWARD COUNTY TOPO MAPS.
- THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA 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 SEWAGE DISPOSAL AREA.
- DESIGNATES EXISTING WELL
- DESIGNATES PROPOSED HOUSE LOCATION
- DESIGNATES FIELD-RUN CONTOURS
- DESIGNATES SOIL TYPE BOUNDARY
- DESIGNATES EXISTING PRIVATE SEWERAGE EASEMENT PER PLATS #19594-5.
- DESIGNATES LOCATION OF PERC HOLES PER HEALTH DEPT. RECORDS, PASSED
- FAILED

NOTES (cont.):

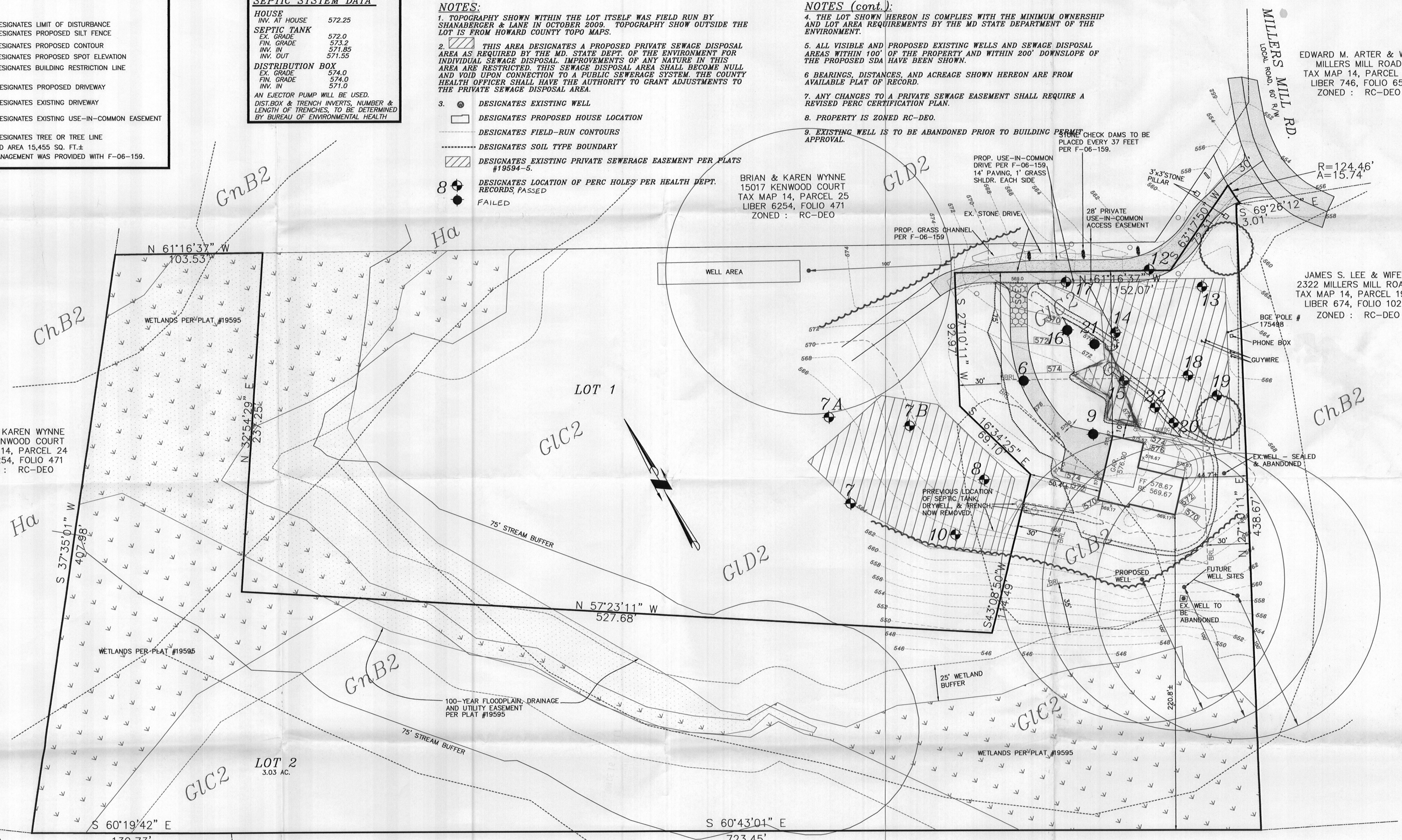
- THE LOT SHOWN HEREON IS COMPLIES WITH THE MINIMUM OWNERSHIP AND LOT AREA REQUIREMENTS BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL VISIBLE AND PROPOSED EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
- BEARINGS, DISTANCES, AND ACREAGE SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- PROPERTY IS ZONED RC-DEO.
- EXISTING WELL IS TO BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.
- STONE CHECK DAMS TO BE PLACED EVERY 37 FEET PER F-06-159.

EDWARD M. ARTER & WIFE
MILLERS MILL ROAD
TAX MAP 14, PARCEL 27
LIBER 746, FOLIO 651
ZONED : RC-DEO

JAMES S. LEE & WIFE
2322 MILLERS MILL ROAD
TAX MAP 14, PARCEL 192
LIBER 674, FOLIO 102
ZONED : RC-DEO

BRIAN & KAREN WYNNE
15017 KENWOOD COURT
TAX MAP 14, PARCEL 24
LIBER 6254, FOLIO 471
ZONED : RC-DEO

MICHAEL BROOKS & STEPHANIE BROOKS
15036 S KENWOOD COURT
PLAT #13166
THE WOODS AT COUNTRY SPRINGS (F-98-19)
TAX MAP 14, PARCEL 240, PRESERVATION PARCEL A
LIBER 4259, FOLIO 474
ZONED : RC-DEO



HOWARD COUNTY, MARYLAND
2380 W ROUTE 97
TAX MAP 14, PARCEL 249
LIBER 3259, FOLIO 636
ZONED : RC-DEO

**REVISED PERCOLATION CERTIFICATION PLAT
PARK ESTATES, LOT 2**

PLATS #19594-5
F-06-159
TAX MAP 14 GRID 4 PARCEL 144 LOT 27
4th ELECTION DIST. HOWARD COUNTY, MD.
SCALE: 1"=30' DECEMBER 1, 2009

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693
EMAIL: HOME@SHANLANE.COM

PERC CERTIFICATION - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

C. Scott Shanabarger
C. SCOTT SHANABARGER
PROFESSIONAL LAND SURVEYOR #10849

DATE 12/1/09

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

Brian Baileson
COUNTY HEALTH OFFICER

DATE 1/4/2010

OWNER:
CARY CUMBERLAND
815 WINDRIVER DR.
SYKESVILLE, MD. 21784

PURPOSE: TO ABANDON A WELL, DRILL A WELL, SHOW 2 FUTURE WELL SITES, AND BUILD A HOUSE.

LAND DEDICATED TO
 HOWARD COUNTY, MARYLAND
 FOR THE PURPOSE OF A PUBLIC
 ROAD (0.024 AC±)
 $L = 39.07'$
 $R = 124.46'$

28' PRIVATE
 USE-IN-COMMON
 ACCESS EASEMENT

JAMES S. LEE & WIFE
 2322 MILLERS HILL RD
 TAX MAP 14, PARCEL
 LIBER 674, FOLIO 10
 ZONED: RC-DE

EX. WELL
 TO BE ABANDONED

approved
 perc cert
 12-5-07

