



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 537369-H

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) GILLIECE FAMILY LLC

DAYTIME PHONE 410-531-0797 CELL 410-916-4164 FAX \_\_\_\_\_

MAILING ADDRESS 13111 LINDEN CHURCH RD CLARKSVILLE MD 21029-1174  
STREET CITY/TOWN STATE ZIP

APPLICANT DEVELOPMENT DESIGN CONSULTANTS - BRIAN COLLINS

DAYTIME PHONE 410-386-0560 CELL 410-336-6362 FAX 410-386-0564

MAILING ADDRESS 192 EAST MAIN STREET WESTMINSTER MD 21157  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME RESUBDIVISION OF LOT 2 OF THE DIEHL PROP. LOT NO. 9

PROPERTY ADDRESS S/E RIVER ROAD SYKESVILLE 21784  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 09 GRID 06 PARCEL(S) 66 PROPOSED LOT SIZE 1.14 ac

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.

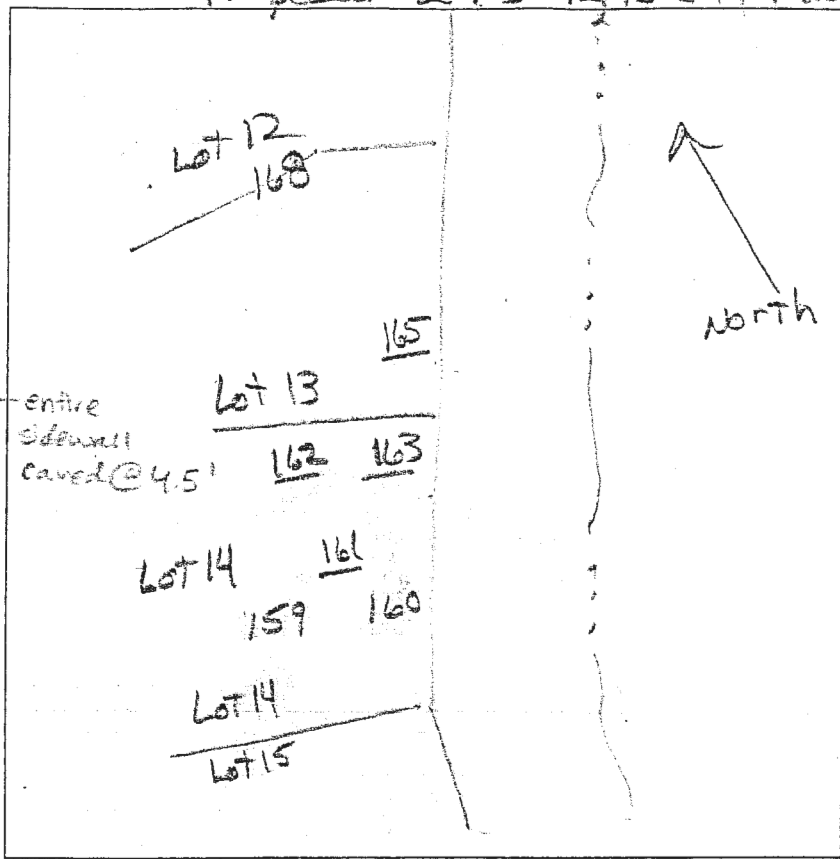
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



# Proposed Lots 12, 13 & 14 (and 9)

AVP



105  
 8' brn l fcbk  
 red  
 brn  
 scl  
 3' fcbk  
 brn  
 ch fcl  
 micaceous  
 wt  
 mn ↓  
 wet  
 5' fcl w/ins-les  
 6'  
 8' H<sub>2</sub>O

163  
 1' brn l  
 sbk  
 4' brn scl  
 1 fcbk  
 micaceous  
 yellow brn  
 sl  
 ↓  
 8' brn fl  
 saprolite  
 seep @ 12"  
 micaceous H<sub>2</sub>O  
 14' brn ls  
 saprolite mn

161  
 8" brn l  
 less bk  
 org brn  
 scl 1 fcbk  
 3-3.5' yellow  
 ch sl  
 6' saprolite  
 many mica  
 beige  
 fcl  
 saprolite  
 ↓  
 12.5' beige  
 ch ls

1162  
 brn l fcbk  
 yellow  
 scl 1 fcbk 3'  
 yellow  
 ch sl 6-7'  
 yellow  
 fl saprolite 10'  
 yellow  
 v fcl many mica  
 beige ls  
 saprolite 13'

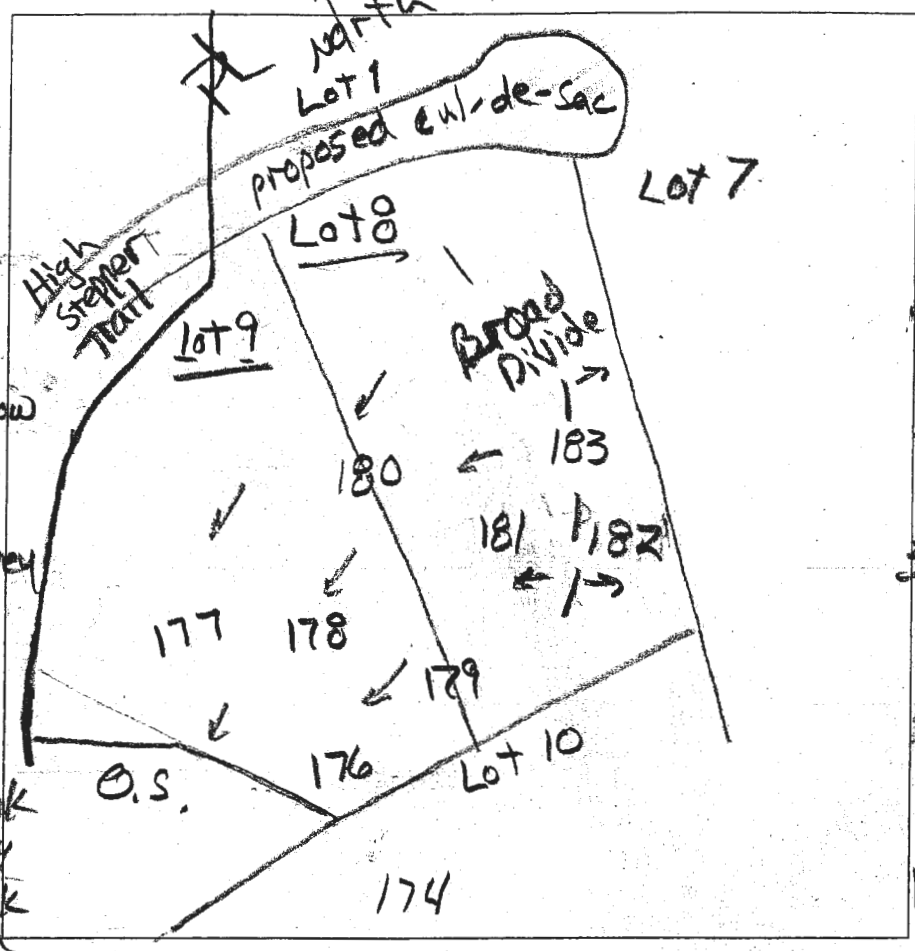
176  
 brn l 10"  
 brn  
 scl fcbk 2.5-3'  
 yellow  
 sl saprolite  
 few mica 5'  
 ↓  
 beige  
 fcl saprolite  
 ~10% x  
 beige  
 v fcl 4'

177  
 brn l 6"  
 red brn  
 scl 1 fcbk 3.5'  
 red brn  
 sl saprolite 6-7'  
 red brn  
 ch fcl  
 ↓  
 ~10'  
 gray  
 st ls  
 HB 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/27/13	165	8'	VISUAL				F
	163	5' / 14'	11:56	11:59	12:04	5	P
	161	12.5'	VISUAL	4'	8' 1.6		P
	162	5' / 13'	12:32	12:36	12:46	10	P
	176	4' / 14'	1:42	1:43 <sup>22</sup>	1:44 <sup>24</sup>	report	
	176	4' / 14'	1:45 <sup>42</sup>	1:47 <sup>18</sup>	1:49 <sup>25</sup>	2+	P
	177	3.5' / 12'	1:51	1:53	1:55	2	P

REMARKS Diehl Property Lot 14 / Lot 9 (176 & 177)  
 SANITARIAN HS/RB BACKHOE Chick Zepf OTHERS Jeremy  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Lots 8 & 9



**(182)**  
 0.7' dk brn sl  
 0.4' yel & brn sl  
 2" m abk  
 0.4' yel-red ls  
 2" m abk  
 2' dk, grey, yellow & yel-red ls  
 few mica  
 11.5' yel-red, dk grey & pale brn ls, 7cpl  
 12.5'

**(181)**  
 1.7' dk brn L  
 brn cl, 2csbk slight sticky  
 1' brn L, 2csbk com mica  
 2'

brn sl, few mica  
 1' csbk  
 2.8' dk brn, yellow & pale brn ls, few mica  
 9' dk brn, pale brn & yel-red ls common medium black coats on peds 1mpl  
 12.8'

**(179)**  
 2' dk brn L  
 brn cl, 7mpr → 2cabk  
 2' brn & yel-red L  
 2abk, com. mica  
 2.7' brn grs!  
 many mica  
 3.5' dk. brn, yellow & pale brn ls, few mica  
 9' brn & pale brn ls

**(183)**  
 0.4' dk brn L  
 brn cl, 2csbk  
 few mica  
 1.1' brn L  
 2csbk  
 1.5' brn sl com mica  
 1' csbk  
 2' brn, pale brn & grey ls  
 many mica  
 3.5' yel-red ls

vs. ls vein dips w/sw  
 9' yel-red pale brn & gray ls, 7cpl  
 12.5'

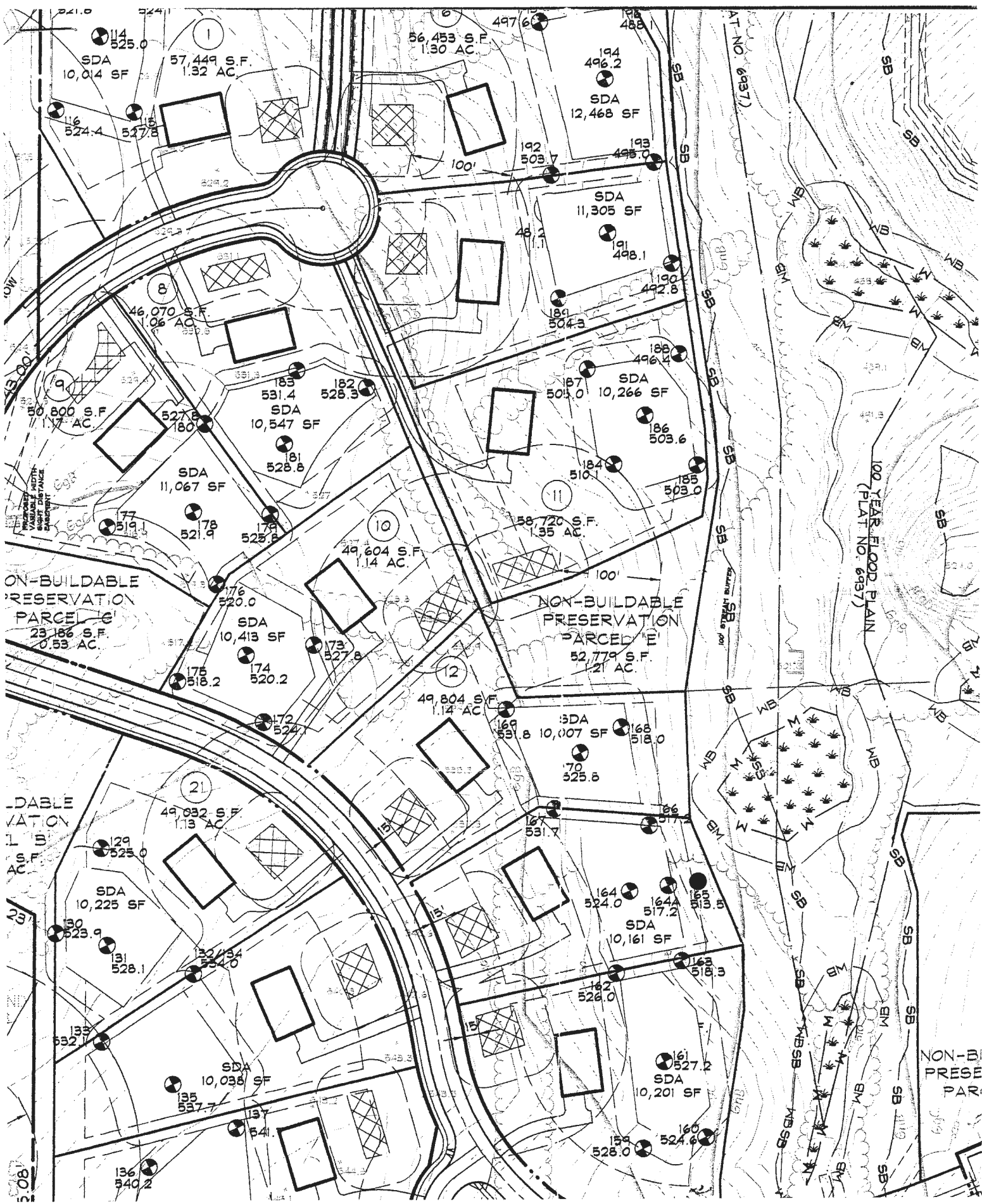
**(178)**  
 0.5' dk brn L  
 yel-red, brn & pale brn ls  
 many mica, few black  
 10' dk brn, pale brn & yel-red ls  
 few mica  
 12.8'

**(180)**  
 1.2' dk brn L  
 brn cl, 2csbk  
 yel-red L slight sticky  
 7mpr → 2cabk  
 2' yel-red-fs  
 3' com. mica

12' yel-red, yel & brn ls  
 many mica  
 1' mica  
 6' brn & pale brn ls  
 12' ls (7P blk)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/20/13	182	3.8' / 12.5'	11:33	11:35	11:38	3	P
12/20/13	183	4' / 12.5'	11:46	11:48	11:52	4	P
12/20/13	181	12.8'	Visual		12:22	12:25	P
12/20/13	179	5' / 12.8'	12:19	12:21	12:25	4	P
12/20/13	178	12.8'	Visual		12:22	12:25	P
12/20/13	180	4.4' / 12'	12:46	12:50	12:55	5	P

REMARKS: 183 v. stoney blk vein dipping west from 4ft. depth  
 SANITARIAN: R Bricker  
 BACKHOE: Chuck Zapp  
 OTHERS: Jeremy Rutter  
 TEST HOLES USED IN SDA: \_\_\_\_\_  
 TRENCH WIDTH: \_\_\_\_\_ INLET DEPTH: \_\_\_\_\_ MAX. BOT DEPTH: \_\_\_\_\_ EFFECTIVE SW: \_\_\_\_\_  
 12.8'



041.0

024.1

497.6

488.1

AT NO. 6937)

114  
525.0  
SDA  
10,014 SF

1  
57,449 S.F.  
1.32 AC.

56,453 S.F.  
1.30 AC.

194  
496.2  
SDA  
12,468 SF

192  
503.7

193  
495.0

SDA  
11,305 SF

48.2

191  
498.1

190  
492.8

184  
504.3

187  
503.0

188  
496.4

SDA  
10,266 SF

186  
503.6

184  
510.1

185  
503.0

58,720 S.F.  
1.35 AC.

111

ON-BUILDABLE PRESERVATION PARCEL 'G' 23,186 S.F. 0.53 AC.

NON-BUILDABLE PRESERVATION PARCEL 'E' 52,779 S.F. 1.21 AC.

100 YEAR FLOOD PLAIN (PLAT NO. 6937)

ON-BUILDABLE PRESERVATION PARCEL 'G' 23,186 S.F. 0.53 AC.

ON-BUILDABLE PRESERVATION PARCEL 'L' 49,032 S.F. 1.13 AC.

49,804 S.F. 1.14 AC.

SDA 10,007 SF

169  
531.8

168  
518.0

170  
525.5

167  
531.7

164  
524.0

164A  
517.2

165  
519.5

SDA 10,161 SF

162  
528.0

163  
518.3

161  
527.2

SDA 10,201 SF

159  
528.0

160  
524.6

NON-BUILDABLE PRESERVATION PARCEL

037

038

129  
525.0  
SDA 10,225 SF

130  
523.9

131  
528.1

132  
534.0

SDA 10,038 SF

135  
537.7

137  
541.1

136  
540.2

121  
49,032 S.F.  
1.13 AC.

122  
49,804 S.F.  
1.14 AC.

SDA 10,007 SF

169  
531.8

168  
518.0

170  
525.5

167  
531.7

164  
524.0

164A  
517.2

165  
519.5

SDA 10,161 SF

162  
528.0

163  
518.3

161  
527.2

SDA 10,201 SF

159  
528.0

160  
524.6

NON-BUILDABLE PRESERVATION PARCEL

121  
49,032 S.F.  
1.13 AC.

122  
49,804 S.F.  
1.14 AC.

SDA 10,007 SF

169  
531.8

168  
518.0

170  
525.5

167  
531.7

164  
524.0

164A  
517.2

165  
519.5

SDA 10,161 SF

162  
528.0

163  
518.3

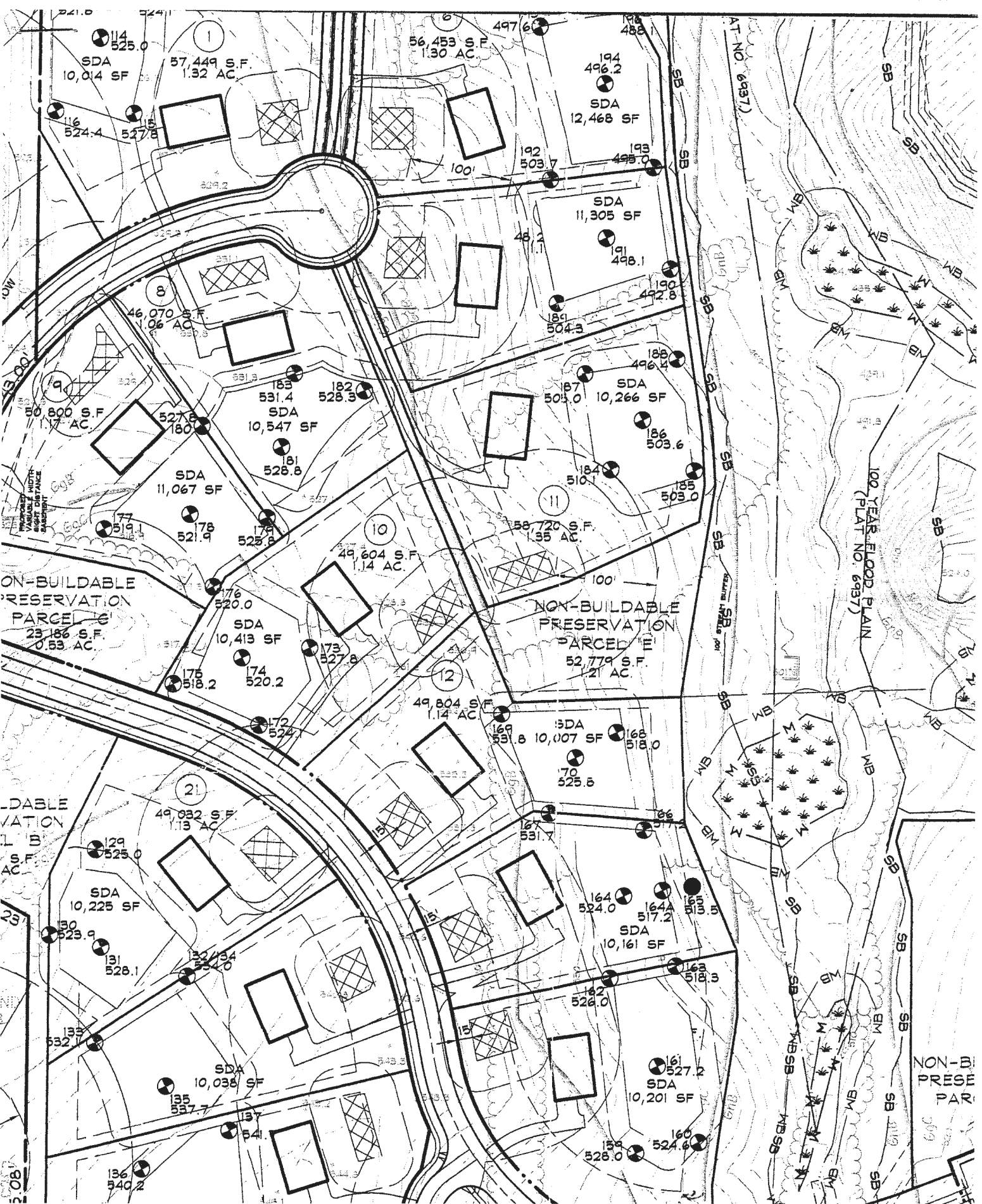
161  
527.2

SDA 10,201 SF

159  
528.0

160  
524.6

NON-BUILDABLE PRESERVATION PARCEL



1  
SDA  
10,014 SF  
57,449 S.F.  
1.32 AC

6  
56,453 S.F.  
1.30 AC

194  
496.2  
SDA  
12,468 SF

SDA  
11,305 SF

8  
46,070 S.F.  
1.06 AC

183  
531.4  
SDA  
10,547 SF

SDA  
10,266 SF

SDA  
11,067 SF

10  
49,604 S.F.  
1.14 AC

11  
58,720 S.F.  
1.35 AC

NON-BUILDABLE  
PRESERVATION  
PARCEL C  
23,186 S.F.  
0.53 AC

NON-BUILDABLE  
PRESERVATION  
PARCEL E  
52,779 S.F.  
1.21 AC

12  
49,804 S.F.  
1.14 AC

SDA  
10,007 SF

NON-BUILDABLE  
PRESERVATION  
PARCEL B  
10,225 S.F.  
0.29 AC

21  
49,832 S.F.  
1.13 AC

SDA  
10,161 SF

SDA  
10,038 SF

SDA  
10,201 SF

NON-BUILDABLE  
PRESERVATION  
PARCEL A