PERCOLATION TEST RESULTS

HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
100	NT	14'		
101		14'		
102	9'	13'	30m	
103	7'	15'	12m	
104	9'	14'	30m	
105	7'	15'	20m	
106	7'	15'	13m	
107	7'	13'	12m	
108	9'	14.5'	18m	
109	8'	14'	26m	
110	6'	12'	10m	
111	4.5'	12'	9m	
112	NT	12'		NT
113	NT	5'		NT
114	NT	5'		NT
115	4.5'	9'	10m	
116	NT	9'		NT
117	5'	9'	10m	
118	NT	10'		NT
119	5'	12'	10m	
120	6'		10m	
121	NT			NT
122	8'		10m	
123	8'		10m	
124	6.5'		6m	
125	4'			WATER
126	7'			WATER
127	9'			WATER
128	NT			WATER
129	6'	3'	17m	
130	4.5'	11'	13m	
131	3.5'	9'	20m	
132	3'	11'	20m	
133	7'	12'	3m	
134	NT	14'		WATER
135	NT	14'		WATER
136	6'	14'	3m	
137	NT	14'		NO WATER OBSERVED
138	NT	14'		NT
139	6'	14'	10m	
140	7'	14'	10m	
141	6'	13'	10m	
142	6'	14'	5m	
143	6'	11'	10m	
144	6'	14'	10m	
145	3'	7'	5m	
146	3'	10'	10m	
147	6'	13'	5m	
148	NT	5'		WATER

HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
700	4'	14'	2m45s	
701	6.5'	12.5'	10m40s	
702	4.5'	3.3'	3m30s	
703	5'	13'	4m25s	
704	6.5'	14.5'		TEST STOPPED
	8.5'	ABOVE		FAIL
705	4'	14'	6m15s	
706	7'	14'	13m55s	
707	3'	13.5'	2m	
708	7'	14'		FAIL
	7.5'	ABOVE		FAIL
709	NT	14'		
710	8.5'	15.5'		TEST STOPPED
	9.5'	ABOVE		FAIL
711	5'	12'	10:48	
712	NT	4'		
713	NT	12'	NT	
714	NT	8'	NT	
715	2'	8'	30m	
716	3'	10'		FAIL-TEST DEEPER
	4'	ABOVE	3m	
717	4'	10'	5m50s	
718	4.5'	10.5'	17m15s	
719	5'	11'	2m30s	
720	5'	12.5'	7m30s	
721	5'	14'	8m30s	
722	3'	12'	2m10s	
723	4'	12'	2m	
724	NT	14'	NT	
725	8'	16'	17m15s	
726	7'	16'		FAIL-TEST DEEPER
	9.5'	ABOVE	30 m	
727	7'	14'	23m5s	
728	7'	15'	24m5s	
729	8'	15.5'		TEST STOPPED DUE TO DIRT FALLING IN HOLE
	7'	ABOVE		FAIL-TEST DEEPER
	9'	ABOVE	6m15s	
730	8'	16'	5m	
731	5.5'	14'	5m15s	
732	NT	9'		
733	NT	9'	NT	
734	4.5'	13'		TEST STOPPED TESTED DEEPER
	5.5'	ABOVE	22m30s	
735	5'	11'	5m30s	
736	4'	12'	2m	
737	7.5'	16'	13m	RETEST SATISFACTORY
738	8'	16'	4m45s	RETEST SATISFACTORY

HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
200	6.5'	14.5'	20m10s	
201	8'	14.5'	20m20s	
202	8'	15.5'	20m	
203	7.5'	14.5'	22m	
204	8.5'	14.5'	7m50s	
205	7.5'	14.5'	3m	
206	3.5'	8'	9m45s	
207	3'	8.5'	10m50s	
208	3'	8'	20m10s	
209	4'	9'	3m	
210	4'	9'	20m	
211	NT	6'		NT
212	4.5'	10.5'	2m20s	
213	7'	14'	3m35s	
214	6.5'	14'	2m15s	
215	6.5'	14'	20m	
216	8'	13'	30m	
217	9'	15.5'	20m10s	
218	3'	7.5'		SEE NOTES
219	5'	11'	18m45s	
220	NT	8'		NT
221	NT	4'		NT
222	NT	6'		NT
223	4'	9.5'	19m	
224	NT	4'		NT
225	NT	5'		NT
226	NT	8'		NT
227	NT	6'		NT
228	4.5'	11'	15m	
229	NT	4'		NT
230	NT	10.5'		NT
231	4'	9.5'	10m5s	
232	4'	10.5'	10m	
233	5'	14.5'	25m	
234	7'	13.5'	12m	
235	NT	5.5'		NT
236	NT	8.5'		NT
237	7'	14'	3m	
238	7'	13.5'	2m30s	
239	8'	14'	10m	
240	6'	12'	13m	
241	NT	ABANDONED		NT

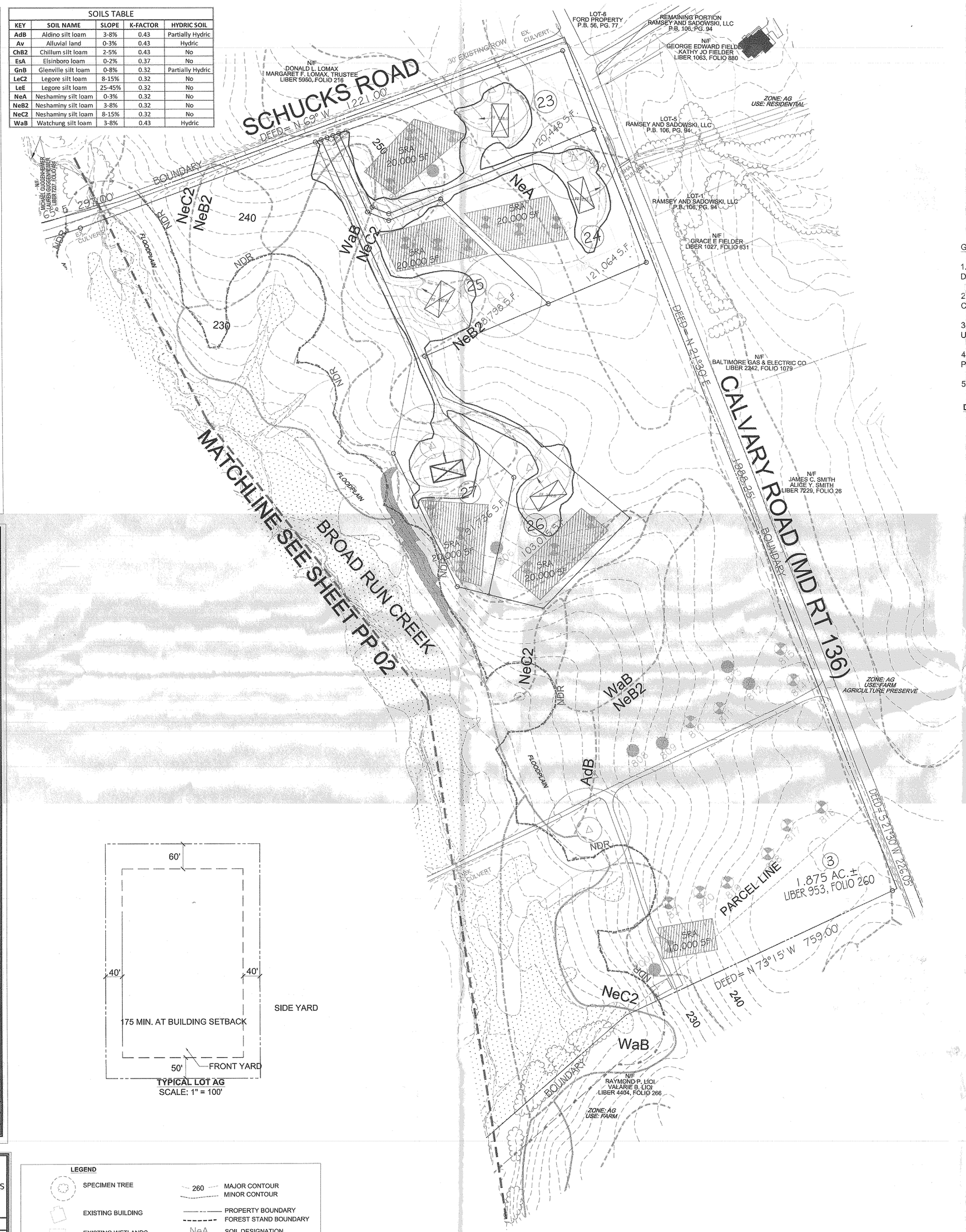
HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
801	2'	9'	9m30s	
802	2'	9	4m45s	
803	2'	9'	15m30s	
804	2'	10.5'	3m30s	
805	2'	10'	5m	
806	4'	12'		TEST STOPPED DUE TO DIRT FALLING IN HOLE
807	2'	9'	4m30s	
808	NT	8'		
809	2'	10'		FAIL
810	2'	9'	10m	
811	2.5'	11'	9m	
812	4'	11'		FAIL
813	NT	9'		
814	2'	12'	14m	
815	2'	10'		FAIL
	3'	ABOVE	2m30s	
816	3'	12'	14m	
817	2'	12'	15m30s	
818	3'	12'ROCK	20m30s	
819	6'	12'	2m45s	
820	4'	11'	7m	
821	2'	10'	13m30s	
822	4'	12'	3m	
823	4.5'	12.5'	6m	
824	2'	11'	2m	
825	3'	11'	11m	
826	2'	10'	12m	
827	2'	9'	7m30s	
828	2'	9'	20m15s	
829	3'	10'		FAIL
830	3'	11'	9m	
831	3'	11'	3m15s	
832	2'	11'	6m	
833	4.5'	13'	5m30s	
834	4'	12'	21m	
835	2.5'	10'	24m30s	
836	6'	14'	3m	
837	5.5'	16'	10m30s	
838	6'	15'		FAIL
Retest	7'	ABOVE		FAIL
Retest	8.5'	ABOVE		FAIL
839	4'	14'	11m	
840	7'	16'		TEST STOPPED
	9'	ABOVE		FAIL
841	5'	13'		FAIL
842	5.5'	13'		FAIL-SLOW
843	NT	13'		NT
844	2'	14'	2m15s	

HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
601	3	9.5'	3m	
602	3	8.5'	5m	
603	NT	6'		WATER
604	NT	6'		WATER
605	NT	3'		WATER
606	4'	14'	8m	
607	7'	14'	10m	RETEST
608	4'	14'	4m30s	
609	4'	14'	5m	
610	5'	13'	3m15s	
611	5.5'	13'	2m20s	
612	5.5'	14'	12m15s	
613	5'	13'	4m15s	
614	5.5'	14'	5m15s	
615	NT	6'		NT
616	8'	13'	5m30s	
617	NT	7'		NT
618	5.5'	10'	10m	
619	5'	10'	5m30s	
620	8'	13'	11m10s	
621	NT	12'		NT
622	7.5'	13'	10m	

HOLE #	DEPTH (FT)	DEPTH TO WATER TABLE (FT)	RATE (MIN)	COMMENTS
1000	2.5'	8'		FAIL
1001	5.5'	11'	2m	
1002	7'	14.5'	15m	
1003	8'	14'	26m	
1004	5'	11'	4m	

SOILS TABLE

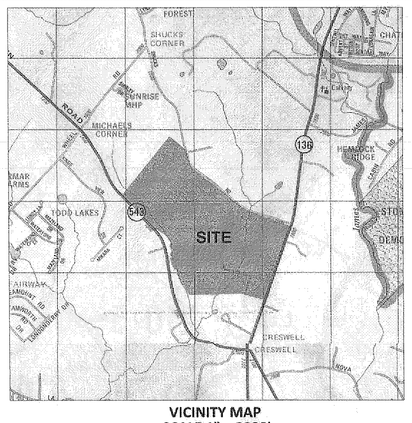
KEY	SOIL NAME	SLOPE	K-FACTOR	HYDRIC SOIL
AdB	Aldino silt loam	3-8%	0.43	Partially Hydric
Av	Alluvial land	0-3%	0.43	Hydric
ChB2	Chillum silt loam	2-5%	0.43	No
EsA	Elsinboro loam	0-2%	0.37	No
GnB	Glenville silt loam	0-8%	0.32	Partially Hydric
LeC2	Legore silt loam	8-15%	0.32	No
LeE	Legore silt loam	25-45%	0.32	No
NeA	Neshaminy silt loam	0-3%	0.32	No
NeB2	Neshaminy silt loam	3-8%	0.32	No
NeC2	Neshaminy silt loam	8-15%	0.32	No
WaB	Watchung silt loam	3-8%	0.43	Hydric



TYPICAL LOT AG
SCALE: 1" = 100'

LEGEND

- SPECIMEN TREE
- EXISTING BUILDING
- EXISTING WETLANDS
- WETLAND BUFFER
- EXISTING STREAM
- STREAM BUFFER
- FLOODPLAIN
- NDR — NATURAL RESOURCE DISTRICT BUFFER
- 15-25% SLOPE
- 25%+ SLOPE
- LOD — LIMIT OF DISTURBANCE
- 260 — MAJOR CONTOUR
- MINOR CONTOUR
- PROPERTY BOUNDARY
- FOREST STAND BOUNDARY
- NeA — SOIL DESIGNATION
- PARCEL LINE
- FAILED PERC
- PASSED PERC
- PROPERTY WELL & BUFFER
- SEPTIC RESERVE AREA
- PROPERTY DRIVEWAY
- CANOPY LINE



VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES

1. BOUNDARY INFORMATION BASED ON DEED PLATS & FIELD SURVEY BY RFI DATED, MARCH, 13, 2013.

2. TOPO INFORMATION BASED ON FIELD RUN SURVEY BY RFI AND HARFORD COUNTY GIS, DATED 2000.

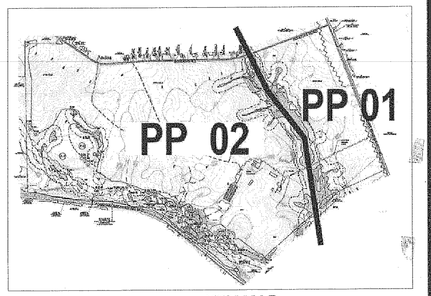
3. SOIL BOUNDARY AND INFORMATION FROM SOIL SURVEY OF HARFORD COUNTY, USDA 1975.

4. FINAL LOCATION FOR FIRE HYDRANTS, VALVES, WATER LINES, SEWER LINES, PUMP STATION, ETC. SHALL BE DETERMINED DURING CONSTRUCTION DRAWINGS.

5. PERCOLATION TEST RESULTS ARE VALID

DEVELOPMENT SUMMARY

1. **PROPERTY ADDRESS:** 2000 CALVARY ROAD
   BEL AIR, MD 21015
2. TAX ID #: 01-034278 & 01-097423
   TAX MAP: 50
   GRID: C-4
   PARCEL: 83,59
   LOTS: 27
   DEED REFERENCE: /03435/ 00717
3. OWNER/ DEVELOPER: FAIRVIEW FARM, LLC.
   3460 Mill Green Road
   Street, MD 21154
   Contact: James D. Fielder, Jr. jdfielder@gmail.com
4. Total Site Acreage: Parcel 83 = 255.14 Acres
   As of 2-8-1977 Parcel 59 = .60 Acres
   Gross Total = 255.74 Acres
   Unforested 100-year Floodplain = 16.42 Acres
   Agricultural Land to Remain 183.00 Acres
   Net Acres: 54.32 Acres
5. ZONING: AG (AGRICULTURAL)
6. USE:
   EXISTING: AGRICULTURAL
   PROPOSED: SINGLE FAMILY DETACHED CONVENTIONAL LOTS & AGRICULTURAL
7. RESIDENTIAL DEVELOPMENT: MINIMUM LOT SIZE- 2 AC., PER 10 ACRES
8. MAX BUILDING HEIGHT: 3 STORIES
9. DENSITY ALLOWED:
   DENSITY PERMITTED: 27 LOTS AG (CONVENTIONAL) SINGLE FAMILY DETACHED
   DENSITY PROPOSED: 27 LOTS (CONVENTIONAL) SINGLE FAMILY DETACHED
   GROSS RESIDENTIAL ACREAGE:
   NET RESIDENTIAL ACREAGE:
10. MIN REQUIRED BUILDING SETBACKS BASED ON PROPOSED USE:
    MINIMUM FRONT YARD: 50'
    MINIMUM SIDE YARD: 40'
    MINIMUM REAR YARD: 60'
    MINIMUM LOT WIDTH AT BUILDING LINE: 175'
11. EXISTING FOREST ONSITE: 2.35 AC
    EXISTING FOREST TO BE REMOVED: 0 AC.
12. FLOODPLAIN: The contours shown on this plan are derived from Harford County GIS typography. the 100 year floodplain shown is approximated and has been determined utilizing an elevation of 7.5 feet above existing stream invent, 2.5 feet headwater. Elevation at the farmstead culvert crossing and historical observations from the property owner. the 100 year floodplain can be defined as "obviously not critical" to the proposed lots or residential structures. The floodplain, as shown, is located within the required stream and other environmental buffers. All buildable lots and habitable living spaces are located outside of the delineated buffers etc.
13. THE PROPERTY IS NOT WITHIN THE CHESAPEAKE BAY CRITICA LAREA.
14. ADJOINING PROPERTIES ARE ZONED AG.
15. ONSITE NATURAL RESOURCE DISTRICT.
16. THERE ARE NO HISTORIC SITES ON SITE OR CEMETERIES.
17. PHASE ONE DEVELOPMENT.
18. WELL AND SEPTIC WILL BE USED.
19. PROPOSED PARKING NOTE: 2 SPACES/ SF RESIDENTIAL.



KEY MAP
SCALE: 1" = 100'

100 0 100 200
Scale 1" = 100'

REVISION	DATE	NO.

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PRELIMINARY PLAN
REDLEIF RUN
FIRST ELECTION DISTRICT
HARFORD COUNTY, MARYLAND

OWNER/ DEVELOPER:
FAIRVIEW FARM, LLC
3460 MILL GREEN RD.
STREET, MD 21154
C/O
JAMES D. FIELDER, JR.
CONTACT: JDFIELDER@GMAIL.COM

DESIGNED BY	PROJ. No.
GEF	
DRAWN BY	CHECKED BY
GE / CLW	GEF
FILE NAME	JOB LIT RUN
SCALE	1" = 100'
DATE	DECEMBER 13, 2013

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E-Mail fielder@gefielder.com

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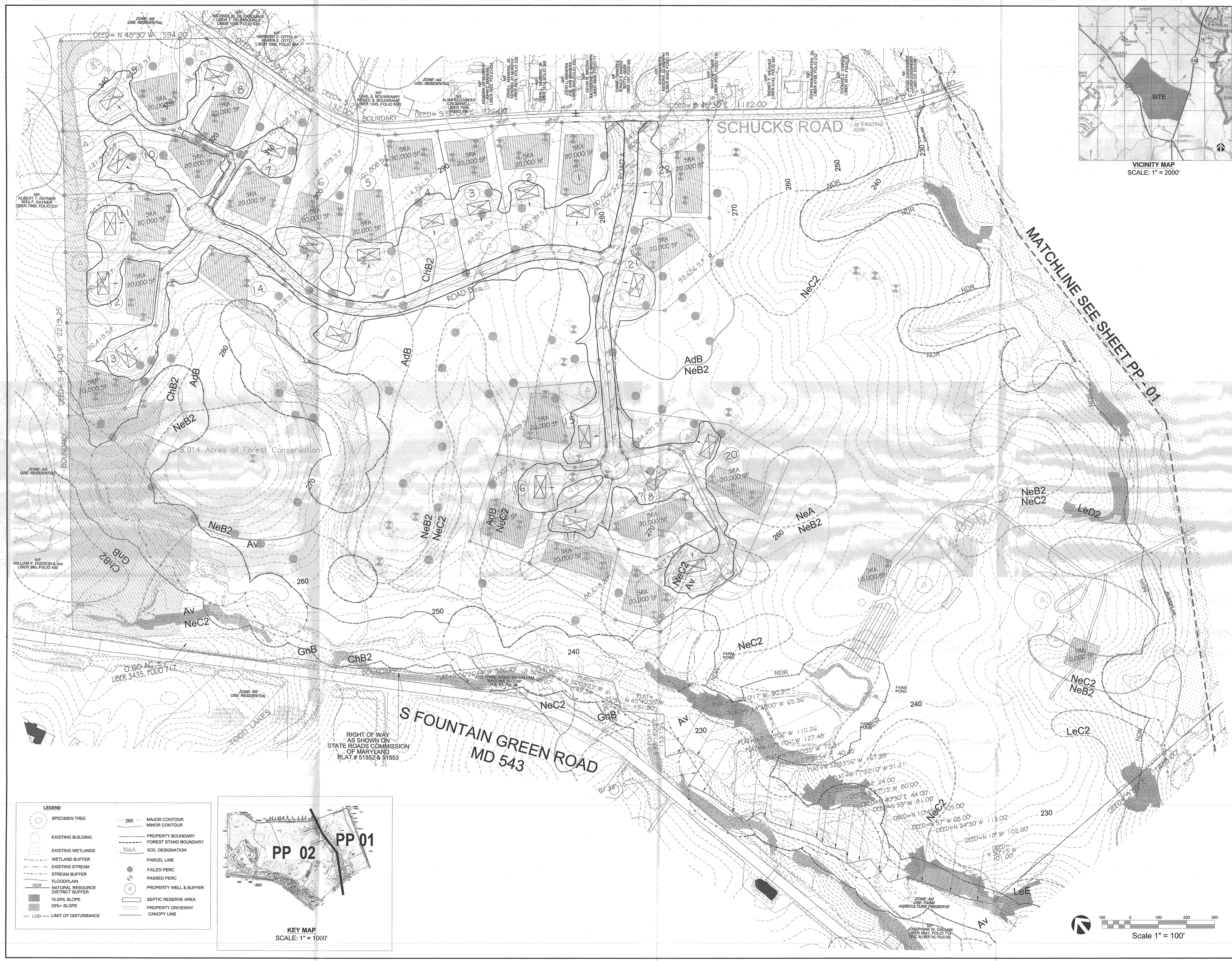

PRELIMINARY PLAN

REDLEIF RUN

FIRST ELECTION DISTRICT
HARFORD COUNTY, MARYLAND

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DESIGNED BY	PROJ. No.
GEF	
DRAWN BY	CHECKED BY
GEF / CLW	GEF
FILE NAME	
REDLEIF RUN	
SCALE	
1"=100'	
DATE	
DECEMBER 13, 2013	

GEF
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