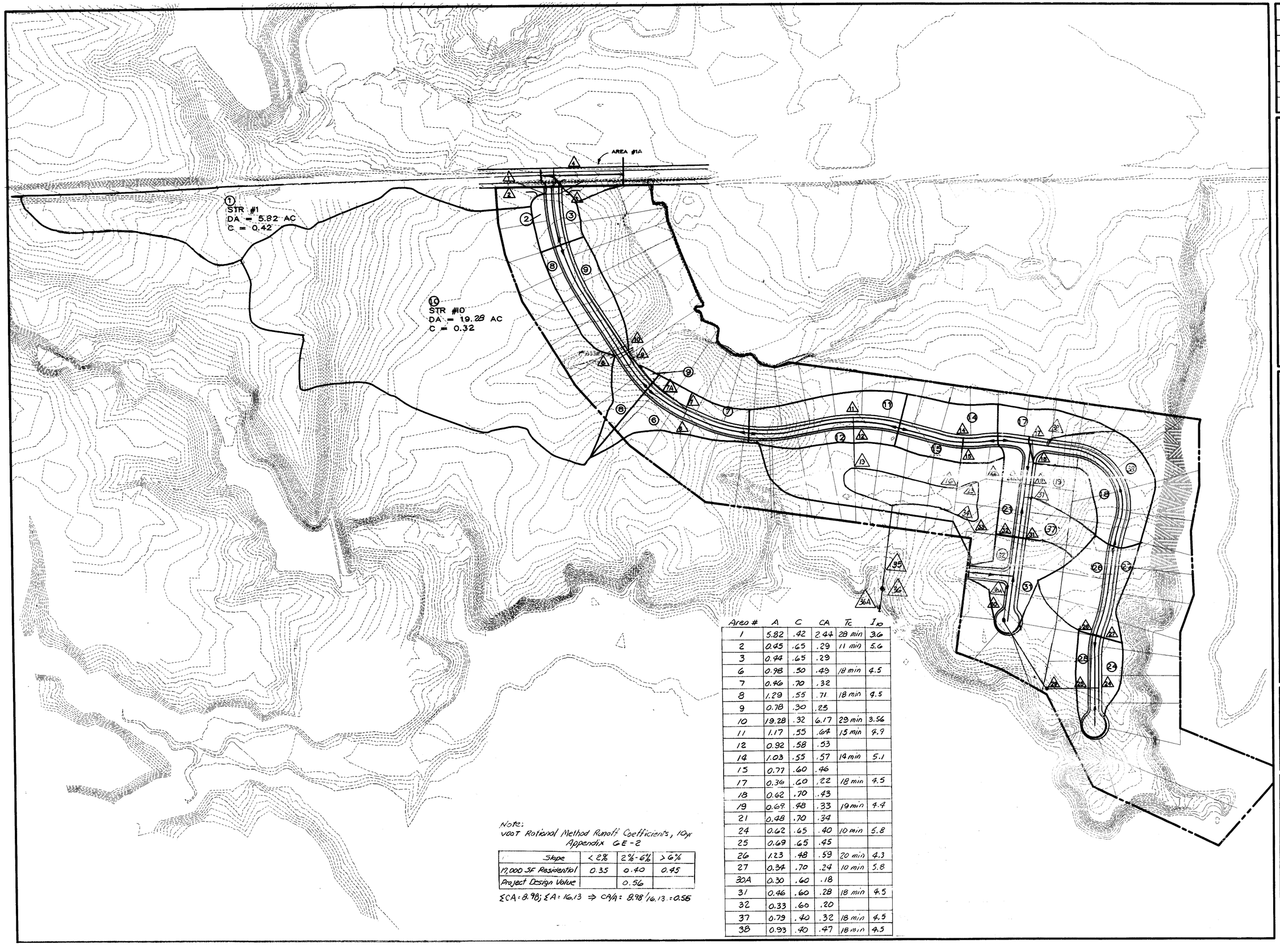

Area #	A	C	CA	Tc	I10
1	5.82	.42	2.44	28 min	3.6
2	0.45	.65	.29	11 min	5.6
3	0.44	.65	.29		
6	0.98	.50	.49	18 min	4.5
7	0.46	.70	.32		
8	1.29	.55	.71	18 min	4.5
9	0.78	.30	.23		
10	19.28	.32	6.17	29 min	3.56
11	1.17	.55	.64	15 min	4.9
12	0.92	.58	.53		
14	1.03	.55	.57	14 min	5.1
15	0.77	.60	.46		
17	0.36	.60	.22	18 min	4.5
18	0.62	.70	.43		
19	0.69	.48	.33	19 min	4.4
21	0.48	.70	.34		
24	0.62	.65	.40	10 min	5.8
25	0.69	.65	.45		
26	1.23	.48	.59	20 min	4.3
27	0.34	.70	.24	10 min	5.8
30A	0.30	.60	.18		
31	0.46	.60	.28	18 min	4.5
32	0.33	.60	.20		
37	0.79	.40	.32	18 min	4.5
38	0.93	.40	.47	18 min	4.5

Note:
VDOT Rational Method Runoff Coefficients, 10yr
Appendix GE-2

Slope	< 2%	2%-6%	> 6%
17,000 SF Residential	0.35	0.40	0.45
Project Design Value		0.56	

$\Sigma CA = 8.98$; $\Sigma A = 16.13 \Rightarrow CA/A = 8.98/16.13 = 0.56$

REVISIONS	BY
10-7-13	
12-4-13	
2-3-14	
4-24-14	

Architectural Graphics
6676 LAKESHORE DRIVE
QUINTON, VIRGINIA 23141
804-551-6944

DRAINAGE AREA MAP
EAGLE PRESERVE
AT JORDAN ON THE JAMES

SEAL
COMMONWEALTH OF VIRGINIA
WALTER M. ALTMAN III
No. 11039
4/24/14
PROFESSIONAL ENGINEER

DRAWN : PBM	CHECKED : WMA
DATE : 8-19-13	
SCALE : AS NOTED	
JOB NO. :	
SHEET C17	
OF 35 SHEETS	