

PARCEL NUMBER	AREA (ACRES)	GRASS (ACRES)	"C"	BLDG/PVT (ACRES)	"C"	"C" WEIGHTED	OVERLAND FLOW					CHANNEL FLOW				
							LENGTH	BEGIN ELEV	END ELEV	SLOPE	"C"	"TC" MIN.	LENGTH	BEGIN ELEV	END ELEV	DIFF
1	1.127	0.677	0.35	0.450	0.95	0.59	100	996	994	0.020	0.35	9.4	630	994	974	20
2	0.945	0.592	0.35	0.353	0.95	0.57	125	992	990	0.016	0.90	4.2	210	990	966	24
3	2.219	0.258	0.35	1.961	0.95	0.88	140	992	990	0.014	0.90	4.5	520	990	976	14
4	2.588	0.952	0.35	1.636	0.95	0.73	110	986	984	0.018	0.90	3.9	1030	984	952	32
5	0.256	0.142	0.35	0.114	0.95	0.62							180	986	954	32
6	0.362	0.135	0.35	0.227	0.95	0.73							180	986	960	26
7	0.379	0.135	0.35	0.244	0.95	0.74							190	986	966	20
8	0.424	0.149	0.35	0.275	0.95	0.74							190	986	970	16
9	0.249	0.109	0.35	0.140	0.95	0.69							180	984	970	14
10	0.436	0.159	0.35	0.277	0.95	0.73							360	990	970	20
11	0.122	0.066	0.35	0.056	0.95	0.63							130	990	968	22
12	0.177	0.069	0.35	0.108	0.95	0.72							155	990	964	26
13	0.238	0.148	0.35	0.090	0.95	0.58							205	990	958	32
14	11.769	9.282	0.35	2.487	0.95	0.48	200	1000	986	0.070	0.35	9.9	1050	986	940	46
15	0.447	0.142	0.35	0.305	0.95	0.76	200	976	958	0.090	0.90	3.7	125	958	948	10
16	1.524	0.838	0.35	0.686	0.95	0.62	200	988	982	0.030	0.90	4.5	505	958	946	12
17	0.972	0.402	0.35	0.570	0.95	0.70	200	986	974	0.060	0.90	3.9	450	974	946	28
18	1.204	0.502	0.35	0.702	0.95	0.70	200	986	970	0.080	0.90	3.7	475	970	946	24
19	0.980	0.439	0.35	0.541	0.95	0.68	200	988	974	0.070	0.90	3.8	475	974	950	24
20	0.140	0.094	0.35	0.046	0.95	0.55							180	962	954	8
21	0.206	0.157	0.35	0.049	0.95	0.49							165	966	960	6
22	0.191	0.150	0.35	0.041	0.95	0.48							160	970	964	6
23	0.176	0.102	0.35	0.074	0.95	0.60							150	980	970	10
24	0.161	0.138	0.35	0.023	0.95	0.44							150	986	978	8
25	0.165	0.112	0.35	0.053	0.95	0.54							125	986	982	4
26	0.164	0.082	0.35	0.082	0.95	0.65							135	986	982	4
27	0.219	0.155	0.35	0.064	0.95	0.53							170	990	978	12
28	0.223	0.130	0.35	0.093	0.95	0.60							175	986	970	16
29	0.228	0.169	0.35	0.059	0.95	0.51							180	978	964	14
30	0.232	0.151	0.35	0.081	0.95	0.56							180	970	960	10
31	0.150	0.108	0.35	0.042	0.95	0.52							140	962	960	2
32	0.445	0.180	0.35	0.265	0.95	0.71	200	990	979	0.055	0.90	4.0	295	979	964	15
33	0.551	0.140	0.35	0.411	0.95	0.80	200	990	980	0.050	0.90	4.1	340	980	965	15
34	1.044	0.396	0.35	0.648	0.95	0.72	200	990	980	0.050	0.90	4.1	390	980	966	14
35	0.961	0.261	0.35	0.700	0.95	0.79	200	990	981	0.045	0.90	4.2	385	981	968	13
36	0.953	0.252	0.35	0.701	0.95	0.79	200	990	982	0.040	0.90	4.3	385	982	970	12
37	1.155	0.279	0.35	0.876	0.95	0.81	200	985	980	0.025	0.90	4.7	385	980	972	8
38	1.218	0.624	0.35	0.594	0.95	0.64	200	985	980	0.025	0.90	4.7	380	980	974	6
39	0.684	0.392	0.35	0.292	0.95	0.61	200	985	981	0.020	0.90	4.9	330	981	976	5
40	1.201	0.608	0.35	0.593	0.95	0.65	200	985	981	0.020	0.90	4.9	330	981	978	3
41	0.511	0.307	0.35	0.204	0.95	0.59	200	985	982	0.015	0.90	5.1	225	982	980	2
42	0.276	0.181	0.35	0.095	0.95	0.56	200	985	982	0.015	0.90	5.1	180	982	980	2

TWO YEAR STORM					10 YEAR STORM					25 YEAR STORM					100 YEAR STORM				
"B"	"D"	"E"	"I"	"Q"	"B"	"D"	"E"	"I"	"Q"	"B"	"D"	"E"	"I"	"Q"	"B"	"D"	"E"	"I"	"Q"
54.24	11.50	0.85	IN/HR	CFS	48.34	10.00	0.74	IN/HR	CFS	38.91	7.75	0.65	IN/HR	CFS	30.77	5.00	0.55	IN/HR	CFS
				3.5	2.31				4.6	3.08				5.3	3.52				6.1
				4.9	2.67				6.4	3.47				7.3	3.96				8.5
				4.2	8.29				5.6	10.88				6.3	12.39				7.3
				4.0	7.46				5.2	9.83				5.9	11.20				6.9
				6.4	1.01				8.3	1.30				9.6	1.51				11.6
				6.4	1.67				8.2	2.16				9.5	2.50				11.5
				6.3	1.75				8.1	2.27				9.4	2.62				11.3
				6.2	1.95				8.1	2.53				9.3	2.93				11.2
				6.2	1.07				8.1	1.38				9.3	1.60				11.3
				5.8	1.85				7.5	2.40				8.7	2.76				10.3
				6.5	0.49				8.4	0.64				9.7	0.74				11.8
				6.4	0.81				8.3	1.05				9.6	1.22				11.7
				6.3	0.87				8.2	1.12				9.5	1.30				11.4
				3.3	18.42				4.4	24.62				5.0	28.17				5.8
				5.1	1.74				6.7	2.26				7.6	2.58				8.9
				4.2	3.98				5.5	5.23				6.3	5.96				7.3
				4.6	3.15				6.0	4.12				6.9	4.70				8.0
				4.6	3.87				6.0	5.06				6.8	5.77				7.9
				4.6	3.06				6.0	3.99				6.8	4.55				7.9
				6.1	0.47				7.9	0.61				9.2	0.70				11.0
				6.1	0.62				7.9	0.80				9.1	0.93				11.0
				6.1	0.56				7.9	0.73				9.2	0.84				11.0
				6.3	0.67				8.1	0.86				9.4	1.00				11.3
				6.2	0.44				8.1	0.57				9.3	0.65				11.2
				6.2	0.56				8.0	0.72				9.3	0.83				11.2
				6.2	0.66				8.0	0.85				9.2	0.98				11.1
				6.2	0.72				8.1	0.93				9.3	1.08				11.3
				6.3	0.84				8.1	1.09				9.4	1.26				11.3
				6.2	0.72				8.1	0.93				9.3	1.08				11.3
				6.2	0.80				8.0	1.04				9.2	1.20				11.1
				6.0	0.46				7.7	0.60				8.9	0.69				10.6
				4.7	1.49				6.2	1.95				7.0	2.22				8.2
				4.6	2.04				6.1	2.66				6.9	3.03				8.0
				4.5	3.42				5.9	4.47				6.8	5.10				7.8
				4.5	3.41				5.9	4.46				6.7	5.08				7.8
				4.5	3.37				5.9	4.41				6.7	5.03				7.7
				4.3	3.99				5.6	5.24				6.4	5.97				7.4
				4.2	3.31				5.6	4.35				6.3	4.95				7.3
				4.3	1.76				5.6	2.32				6.4	2.64				7.4
				4.1	3.20				5.4	4.21				6.2	4.79				7.1
				4.3	1.28				5.6	1.68				6.4	1.92				7.4
				4.4	0.68				5.8	0.88				6.6	1.01				7.6

POST DRAINAGE COMPUTATIONS
LAKEWATCH DRIVE (EXTENSION)
SECOND WATCH DRIVE
COMMERCIAL LOT C-27

AT
LAKEWATCH PLANTATION
PLANNED COMMERCIAL DEVELOPMENT
DEVELOPED BY: LAKE WATCH, L.L.C.
GILLS CREEK MAGISTERIAL DISTRICT
FRANKLIN COUNTY, VIRGINIA
JOB NO 21-04
MAY 15, 2007
SHEET 5 OF 32

