



Subdivision: Hilton Head Heights

Date: July 20, 2020

Designed By: TLB

Checked By: TLB

File Number: 02703

Post Development Runoff Coefficients

	Area/ Width	"C"
House Area =	250.0	0.90
Road Width =	3.9	0.90
Driveway Width =	6.0	0.90
Driveway Length =	10.0	0.90
Pervious Area		0.20

AREA ID	Total Area (ha)	Houses (#)	Road (m)	Driveways (#)	Pervious (ha)	Impervious (ha)	Balanced 'C'
201	0.042	0.5	25	1	0.01	0.03	0.70
202	0.070	1	25	1	0.03	0.04	0.60
203	0.089	1	45	2	0.04	0.05	0.59
204	0.134	2	45	2	0.05	0.08	0.62
205	0.079		45		0.06	0.02	0.38
206	0.070		45		0.05	0.02	0.40
207	0.068		50		0.05	0.02	0.40
208	0.087		50		0.07	0.02	0.36
209	0.074	1	40	2	0.02	0.05	0.67
210	0.135	2	40	2	0.06	0.08	0.61
211	0.124	2	65	4	0.02	0.10	0.76
212	0.253	4	65	4	0.10	0.15	0.62
213	0.179	3	60	3	0.06	0.12	0.67
214	0.205	3	60	3	0.09	0.12	0.61
215	0.192	3	65	3	0.07	0.12	0.64
216	0.205	3	65	3	0.08	0.12	0.61
217	0.325	4	85	4	0.16	0.16	0.55
218	0.167	2	75	2	0.08	0.09	0.58
219	0.829	3	115	3	0.69	0.14	0.32
220	0.217	3	55	3	0.11	0.11	0.55
221	0.436	3	60	3	0.32	0.12	0.39
222	0.329	4	75	4	0.18	0.15	0.52
223	0.304	4	75	4	0.15	0.15	0.55
TOTAL	4.614				2.554	2.060	0.51

Notes:

Taken from the Ministry of the Environment - Guidelines for the Design of Storm Sewers

- Pervious area has a runoff coefficient equal to 0.2