

HYDROLOGY CALCULATIONS														
SITE INFORMATION														
Project Name	10200 Cristobal Dr.													
Project Applicant	Cristobal Dr. Site Development													
Address	Cristobal Dr.													
Hydrologic Soils Groups	D													
I ^{-6HR, 50 YR (in/hr)}	-													
I ^{-6HR, 100 YR (in/hr)}	5.6													
PRE DEVELOPMENT CONDITIONS														
PEAK- Q100														
HYDROLOGY BASIN														
DMA ID		Tributary Area (sf)	Tributary Area (ac)	Impervious Area (sf)	Impervious Area (ac)	Pervious Area (sf)	Pervious Area (ac)	% Imperv.	C	Tc	Min. Pipe Size (in)	Pipe Slope	Q(cfs)	Outlet Location
BASIN 1		67184.00	1.54	6718.40	0.15	60465.60	1.39	10.00	0.05	6.69			0.46	County Main Stormwater
BASIN 2		82650.00	1.90	66120.00	1.52	16530.00	0.38	80.00	0.10	8.29			1.02	County Main Stormwater
PRE DEVELOPMENT TOTAL		149834.00	3.44	72838.40	1.67	76995.60	1.77	48.61	-				1.48	