

Project:	iPark Norwalk / Wilton		
Project #:	19020.00		
Location:	1 Cannondale Way, Wilton, CT		
Prepared By:	Kyle Pustola	Date:	5/25/2023

Drainage Summary Sheet

RE: The existing site consists of a paved parking area with grass islands at the perimeter, and bioretention swales at the interior parking islands. The proposed site will add a multistory hotel, re-configure the existing bioretention swales, and add underground concrete storage to the site, adding approximately 0.067 acres of additional bioretention and infiltration stormwater infrastructure. Area calculations below show stormwater subcatchment areas directed to detention / infiltration systems as "Not D.C." (Not Directly Connected as defined by CT MS4) and areas bypassing these systems as "D.C." (Directly Connected).

Site Area:	465,695 sqft.	10.69	Acres
Project Area:	128,937 sqft.	2.96	Acres

Site Soil: Urban Land, Udorthents, Wet Substratum - Use HSG D. See drainage report for boring and percolation test data.

Pre-Development

	Acres	Curve Number
Impervious Area	81,893	98
Imp. Area - D.C.	27,443	
Imp. Area - Not D.C.	54,450	
Pervious Area	47,045	61
Perv. Area - D.C.	32,234	
Perv. Area - Not D.C.	14,810	
Composite Curve Number:		85

Post-Development

	Acres	Curve Number
Impervious Area	77,972	98
Imp. Area - D.C.	15,246	
Imp. Area - Not D.C.	62,726	
Pervious Area	50,965	61
Perv. Area - D.C.	46,174	
Perv. Area - Not D.C.	4,792	
Composite Curve Number:		83