



Rational Method/Pipe Sizing Table Town of Holly Springs Engineering Department

10 Year Storm

FROM	TO	INLET AREA (ac)	A TOTAL AREA (ac)	INLET TIME (min)	PIPE TIME (min)	Tc TIME OF CONC. (min)	I INTENSTY (in/hr)	WEIGHTED Cc FOR INLET ONLY	WEIGHTED Cc FOR TOTAL AREA	Q FLOW (cfs)	SLOPE (ft/ft)	Dtheo (in)	SIZE (in)	Vfull (ft/sec)	LENGTH (ft)	UPPER INVERT (ft)	LOWER INVERT (ft)	UPPER STRUCTURE RIM ELEVATION (ft)

Pipe Capacity	
n =	0.013
g =	
h =	