TOWN OF EAST GWILLIMBURY
STORM SEWER DESIGN SHEET

Project / Subdivision _____

Consulting Engineer _____

Project No. _____

Prepared by: _____

Checked by: _____

Last Revised: _____

Design Parameters

A = drainage area (ha)

C = runoff coefficient

T_c = time of concentration (to be determined in accordance with Section G of Standards and Design Criteria Manual)

Design Equations

$$I_{5yr} = 930 (t+4)^{-0.798}$$

$$Q = 2.78 \times A \times C \times I$$

NOTE: Section G of the Standards and Design Criteria Manual is to be referenced for Maximum Allowable Pipe Capacity

Location			Drainage Area Characteristics				Rainfall / Runoff			Sewer Data							Remarks
Street	From MH.	To MH.	Area (ha)	C	AC	Accum. AC	T_c (min)	I (mm/hr)	Flow (L/s)	Diameter (mm)	Length (m)	Slope (%)	Cap. (L/s)	Vel. (m/s)	Sect. Time	Accum. Time	