TOWN OF WHITBY
STORM SEWER DESIGN SHEET

SHEET OF No. OF SHEETS

CONSULTANT: _____
FILE No. _____
SUBDIVISION NAME: _____

PREPARED BY _____
CHECKED BY _____
DATE _____
n= _____ ____ YEAR STORM

STREET	FROM M.H.	TO M.H.	A AREA (ha)	R RUNOFF COEFF.	2.78AR	ACCUM. 2.78AR	T OF C (min.)	I RAINFALL INTENSITY (mm/hr)	Q PEAK FLOW (L/S)	PIPE DIA. (mm)	SLOPE (%)	LENGTH (m)	CAPACITY (L/S)	VELOCITY (m/s)	TIME IN SECTION (min.)	TOTAL TIME (min.)	INVERTS LOWER M.H.	INVERTS UPPER M.H.	CRITICAL SLOPE(%)	CAPACITY @ CRITICAL SLOPE(L/S)	REMARKS

RUNOFF COEFFICIENTS

0.20 PARKS, CEMETERIES AND PLAYGROUNDS
0.45 SINGLE FAMILY RESIDENTIAL
0.55 SEMI–DETACHED RESIDENTIAL
0.65 TOWN HOUSES
0.75 APARTMENTS, MEDIUM DENSITY, CONDO TOWNHOUSES, SCHOOLS AND CHURCHES
0.85 INDUSTRIAL AREAS
0.90 COMMERCIAL AND HEAVILY DEVELOPED AREAS

ALL DIMENSIONS IN MILLIMETRES EXCEPT WHERE NOTED

THE CORPORATION OF THE TOWN OF WHITBY
PUBLIC WORKS DEPARTMENT

CHECKED
APPROVED
SCALE: N.T.S

STORM SEWER DESIGN SHEET

DWG. DATE: JULY 2002
REVISION No.: 4
REVISION DATE: JANUARY 2009
DWG No. 513