

SUBDIVISION REGULATIONS

410 Attachment 5

DRAWING 20

RAINFALL INTENSITY

RAINFALL INTENSITIES FOR USE IN THE RATIONAL FORMULA SHALL BE DETERMINED BY THE FOLLOWING EQUATION:

$$I = \frac{A}{(B + tC)^m}$$

WHERE,

tC = TIME OF CONCENTRATION

A, B and m ARE TAKEN FROM THE FOLLOWING TABLE

FREQUENCY	A	B	m
2-YEAR	59.41	13.09	0.83
5-YEAR	64.18	12.84	0.80
10-YEAR	68.62	12.74	0.78
25-YEAR	81.41	13.16	0.78
50-YEAR	85.22	12.87	0.77
100-YEAR	84.29	12.18	0.74