

**DRAINAGE ANALYSIS SUMMARY
FOUNTAIN SQUARE**

Area ID	Area ac	Accum. Area ac	C5	C100	Tc5 min	Tc100 min	I5 in/hr	I100 in/hr	Q5 cfs	Q100 cfs	COMMENTS			
											Inlet Size ft	Pipe Size in	Min Slope %	
A	11.9		0.87	0.89	15	15	4.56	7.37	47.2	78.1			Drainage to be handled at time of development, Provide 100 YR Escape route	
B	6.5		0.87	0.89	15	15	4.56	7.37	25.8	42.6	Area Inlet	30"	0.50%	5YR Design, Provide 100 YR Escape route
C1	11.5		0.87	0.89	15	15	4.56	7.37	45.6	75.4	L() ¹ =40'			5YR Design, Provide 100 YR Escape route
	B + C1	18.0	0.87	0.89	15	15	4.56	7.37	71.4	118.1		42"	0.50%	5YR Design, Provide 100 YR Escape route
C2	12.0		0.87	0.89	20	15	4.00	7.37	41.8	76.7	L() ¹ =40'			5YR Design, Provide 100 YR Escape route
	B + C	30.0	0.87	0.89	20	15	4.00	7.37	104.4	196.8		54"	0.30%	5YR Design, Provide 100 YR Escape route
D	3.1		0.87	0.89	15	15	4.56	7.37	12.3	20.3				Drainage to be handled at time of development, Provide 100 YR Escape route
E	5.2		0.87	0.89	15	15	4.56	7.37	20.6	34.1				Drainage to be handled at time of development, Provide 100 YR Escape route
F	7.4		0.87	0.89	15	15	4.56	7.37	29.4	48.5				Drainage to be handled at time of development, Provide 100 YR Escape route