



Project Name: New City

Location:

Designer: Alvaro Ayala

Project Date: 6th March 2023

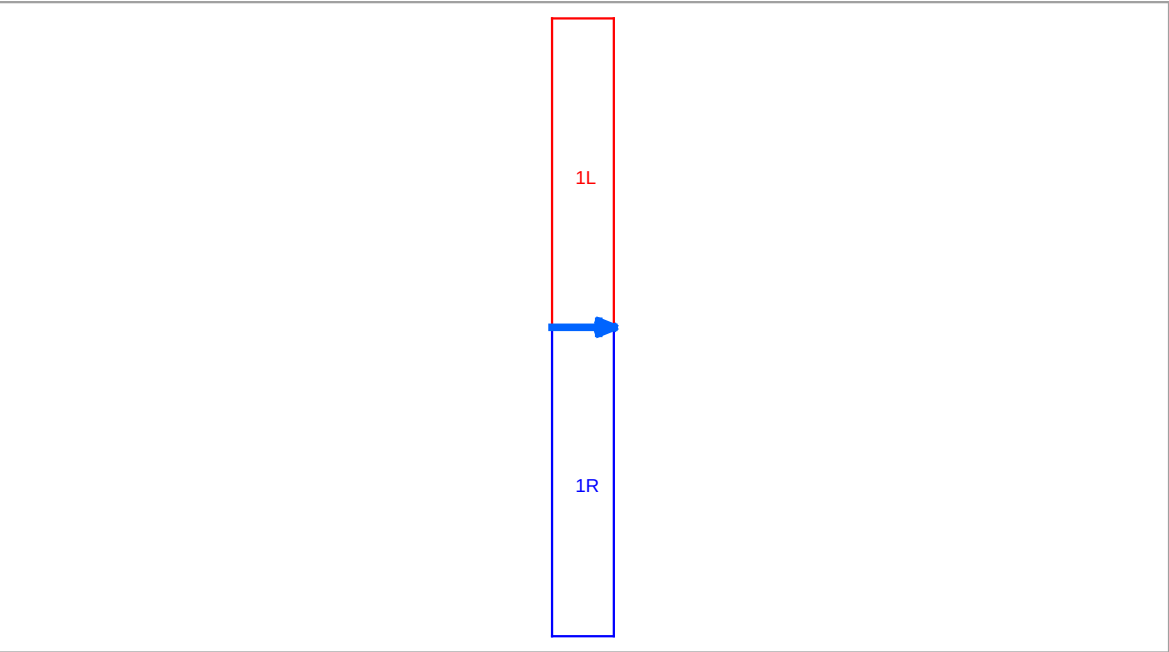
Print Date: 6th March 2023

Project Notes:

+ INPUT DATA:- Run 1: 'Perimeter Building', Option A 'New Option'

M5-60: 20mm/hr		Ratio R: 0.4								
LENGTH (m)	AREA (m2)	SLOPE (%)	IMPERMEABILITY FACTOR	RETURN PERIOD (years)	CLIMATE CHANGE (%)	STORM DURATION (mins)	RAINFALL INTENSITY (mm/hr)	INFLOW CONTROL (l/s/m)	Point Inflow Interlinked from	Cumulative Point Inflows l/s
10.00	1,000.00	1.00	0.85	0	0.00	-	75.00	None	None	0.00

+ CHANNEL LAYOUT



+ RAINFALL DATA

Duration	Intensity (mm/h)
5 mins	85.68
10 mins	66.24
15 mins	53.44
30 mins	33.61
1 hour	20.60
2 hours	12.30
4 hours	7.24
6 hours	5.36
10 hours	3.67
24 hours	1.89
48 hours	1.09





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+ OUTPUTS:- Run 1: 'Perimeter Building', Option A 'New Option'

OUTFLOW (l/s)	CAPACITY (%)	MAX* VELOCITY (m/s)	MIN FREEBOARD (m)	EXCAVATION VOLUME (m3)	CONCRETE VOLUME (m3)
17.73	87.58	1.01	0.02	2.71	2.23

MultiDrain MD

	1
System	M150D 10.0
W - Width (mm)	150
H - Invert (mm)	235
Length (m)	10.00

