

Robert Clark Associates				Page 1																																																																																																																																																																																																																			
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<u>Summary of Results for 100 year Return Period (+40%)</u> Half Drain Time : 17 minutes. <table><tr><th>Storm Event</th><th>Max Level (m)</th><th>Max Depth (m)</th><th>Max Infiltration (l/s)</th><th>Max Volume (m³)</th><th>Status</th></tr><tr><td>15 min Summer</td><td>5.585</td><td>0.150</td><td>1.2</td><td>1.6</td><td>Flood Risk</td></tr><tr><td>30 min Summer</td><td>5.604</td><td>0.169</td><td>1.3</td><td>2.1</td><td>Flood Risk</td></tr><tr><td>60 min Summer</td><td>5.612</td><td>0.177</td><td>1.4</td><td>2.3</td><td>Flood Risk</td></tr><tr><td>120 min Summer</td><td>5.606</td><td>0.171</td><td>1.3</td><td>2.1</td><td>Flood Risk</td></tr><tr><td>180 min Summer</td><td>5.595</td><td>0.160</td><td>1.2</td><td>1.9</td><td>Flood Risk</td></tr><tr><td>240 min Summer</td><td>5.583</td><td>0.148</td><td>1.1</td><td>1.6</td><td>Flood Risk</td></tr><tr><td>360 min Summer</td><td>5.565</td><td>0.130</td><td>1.0</td><td>1.2</td><td>Flood Risk</td></tr><tr><td>480 min 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Micro Drainage Source Control 2016.1		

Model Details

Storage is Online Cover Level (m) 5.785

Porous Car Park Structure

Infiltration Coefficient Base (m/hr)	0.11484	Width (m)	24.3
Membrane Percolation (mm/hr)	1000	Length (m)	4.9
Max Percolation (l/s)	33.1	Slope (1:X)	20.0
Safety Factor	2.0	Depression Storage (mm)	5
Porosity	0.30	Evaporation (mm/day)	3
Invert Level (m)	5.435	Membrane Depth (m)	0

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