

Part 4 Environmental Planning

TS 4-3 Microclimate Optimization

Actual Assessment Submission ☐Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
Design optimisation, including site planning and building massing, for better micro-climate, such as use of natural planting and water body to optimise microclimate, through modelling and simulation	4	

Strategies:

Documentary Evidences:*Order of documents to be submitted accordingly and clearly labeled.*

Actual Assessment	Submitter	Assessor
1. Microclimate optimisation plan detailing strategies for site planning & building massing for better micro climate based on solar analysis or ambient temperature simulation.	<input type="checkbox"/>	<input type="checkbox"/>
2. Solar analysis report for sun path or solar insolation simulation before development.	<input type="checkbox"/>	<input type="checkbox"/>
3. Ambient temperature simulation report before development.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification	Submitter	Assessor
1. Documentation on implemented strategies for better micro climate based on solar analysis or ambient temperature.	<input type="checkbox"/>	<input type="checkbox"/>
2. Solar analysis report for sun path or solar insolation simulation after development.	<input type="checkbox"/>	<input type="checkbox"/>
3. Ambient temperature simulation report after development.	<input type="checkbox"/>	<input type="checkbox"/>
4. Describe any deviations or changes to the AA submission.	<input type="checkbox"/>	<input type="checkbox"/>