DESIGN+REFURBISH+FIT OUT

Constraints to Further Rooftop Planting

The potential for introducing additional rooftop planting is subject to a number of design and construction constraints. Wind exposure at roof level may limit the types, sizes and locations of planting that can be accommodated, particularly in exposed areas where additional protection or anchoring may be required. Access and maintenance must also be considered, ensuring sufficient routes and safe working space are retained for inspection, maintenance and replacement of both planting and roof-mounted equipment.

Drainage is another key consideration, as planting build-ups must not obstruct existing outlets or alter the intended falls and drainage strategy. The additional loading from growing media, vegetation and retained water must also be considered by the structural design. Finally, planting will need to be carefully coordinated with photovoltaic (PV) panels, avoiding shading of panels, maintaining access for maintenance, and ensuring that planting does not interfere with panel orientation, supporting structures or associated cabling.

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