



# Apartment Development, Portarlington

Landscape and architecture blend to create green habitat

## Our Approach

For this high-profile site overlooking Corio Bay in addition to planting into deep-soil areas, the proposal took advantage of opportunities for upper-level planting integrated into the levels of the building.

Roof garden areas will support a range of indigenous coastal plant species providing habitat for local fauna, as well as passive environmental benefits.

Drought tolerant low-growing coastal species suitable for lightweight shallow soil profile, with habitat elements such as logs, branch perches and rocks.

Planters provided to support a selection of low groundcovers, tufting and succulent plants, including plants that will trail over the edge to create a 'hanging gardens' impression.

Through implementation of lightweight 'extensive' shallow roof garden and deeper 'intensive' balcony planter systems a range of environmental benefits will be provided - passive cooling, reduced stormwater runoff, ecological biodiversity and habitat.

Stormwater harvesting and onsite storage will provide water for irrigation.

Provision of 'green infrastructure' reflects a commitment to sustainability and targeting high a BESS building assessment rating.



Design Inspiration: Image & Design by Cheng Architects



**Client:** SPL Architecture  
**Location:** Portarlington, Victoria  
**Role:** Schematic Design



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