



Binaville Burraneer Bay

KNOX DEVELOPMENTS / EMK Architects | Architecture - Proposed - Multi Residence

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Project Overview

A boutique duplex development located in Burraneer, Sutherland Shire where a sweeping curve separates two remarkable residences.

Project Commissioner

KNOX DEVELOPMENTS

Project Creator

EMK Architects

Team

Setting a new benchmark in bayside opulence and prestige, Burraneer's newest development reveals a sublime fusion of architectural and interior design and high-end inclusions designed by EMK Architects for Knox Developments.

Project Brief

A duplex where the brief was to create two large residences with a resort-themed sense of living and an open-plan design with light-filled interiors.

Project Innovation/Need

The architectural expression includes a simple palette of materials with rich layering in the detail and expression of each material, including timber and off-form concrete. The proposed dwellings have been designed to maximise sunlight through large voids of the dining room, which looks over a swimming pool beyond. The facade includes a sweeping curve which separates the two dwellings from the streetscape.

Design Challenge

The design challenge with almost every duplex is that the solar access into dwellings is often limited due to site orientation and the fact that a party wall limited the amount of sunlight entering the dwelling. Our design approach was to overcome this by including a central garden atrium which floods natural sunlight through the heart of the dwelling.

Sustainability

The building has been specifically designed to capture northern sunlight despite the southern orientation of the site, with multiple living rooms in each apartment which track the sun as it moves around the site. All single floor apartments allow for natural cross ventilation through all rooms given dual orientation of the building. The garden atrium in the centre of the plan, and larger void over the main living room enable sunlight deep into the homes.

Architecture - Proposed - Multi Residence

This award celebrates the design process and product of planning, designing and constructing form, space and ambience that reflect functional, technical, social, and aesthetic considerations. Consideration given for material selection, technology, light and shadow. The project can be a concept, tender or personal project, i.e. proposed space.

[More Details](#)



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