

# DAVID BOYLE ARCHITECT

## KELLIE RESIDENCE

architectural interior review

# 402

### ARCHITECTURE PRACTICE

David Boyle Architect

### PROJECT

Kellie Residence

### PRACTICE PROFILE

David Boyle Architect is a multi award winning architectural practice established in 2002. They specialise in residential projects of all types, including new family homes, pools, holiday homes and alterations and additions in city, suburban, heritage conservation, rural and bushland settings. They have undertaken projects of most residential building types including detached homes, terraces, semidetached houses, and Torrens title subdivision developments. Their small office practice gives them the ability to offer a personalised and collaborative architectural service with a focus on design excellence based on responsible and creative resource allocation, underpinned by sustainable passive design principals.

### AWARDS

AIA NSW Architecture Award 2012 – Winner, Residential Architecture Single Houses / AIA National Awards 2012 – Shortlisted National Jury Visit / Houses Award 2012 – Finalist, Alteration over 200sqm

### PROJECT ARCHITECT

James Fraser

### DESIGN ARCHITECT

David Boyle

### OTHER MEMBERS

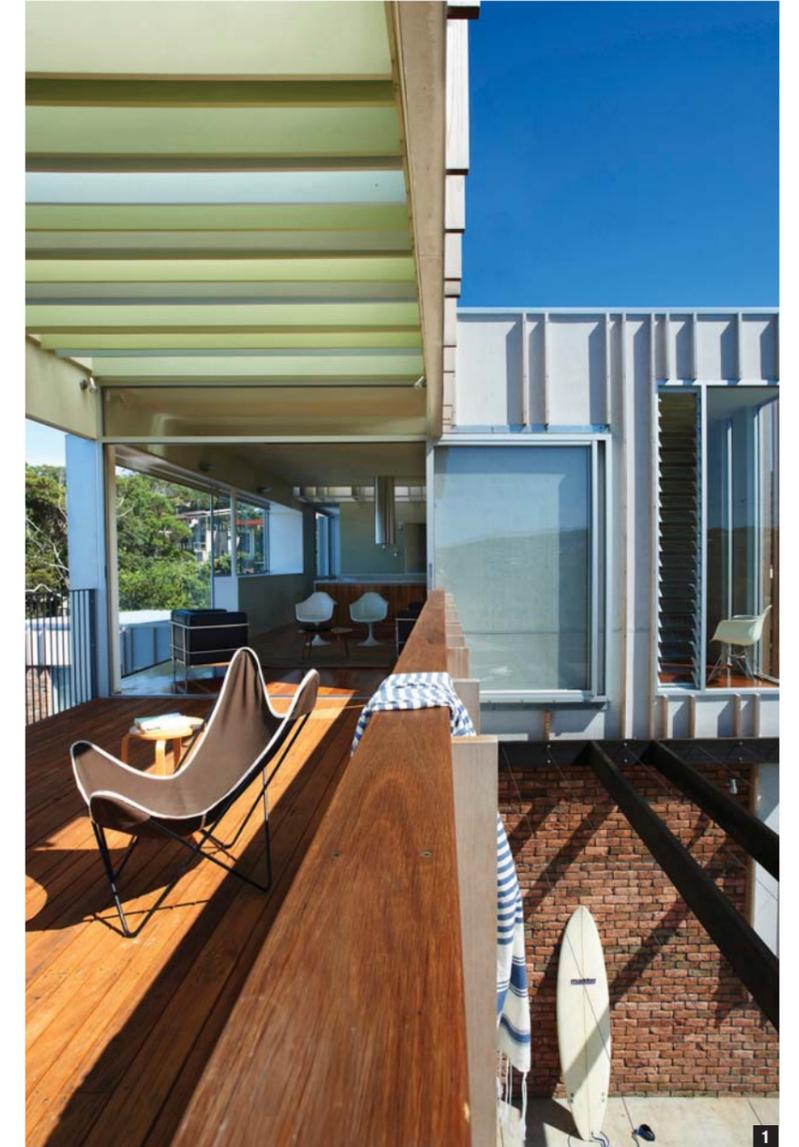
Northrop Consulting – Engineers

### BUILDER

B&W Paterson Builders

### PHOTOGRAPHER

Brigid Arnot



David Boyle Architect has transformed a beach house in Copacabana on the NSW Central Coast through a clever and sustainable contemporary adaptation of an outdated building. Described by the clients as 'a design wound the 1980s urban brick bungalow [inflicted] on the coastal fringe,' the original form had to be economically extended and altered to better connect with its surroundings and

make use of its advantageous elevated seaside position. David Boyle Architect was given the task of balancing the new and the old in this project, with an economic imperative to work with and retain the existing building as much as possible. Boyle met the challenge by adding a new upper level that juts out towards the shoreline. The new level takes advantage of the stunning ocean views and creates a

dramatic cantilevered form that draws attention away from the less palatable brickwork of the original building. It is clad in clear finished fibre cement sheeting with vertical western red cedar cover battens, which have been left unfinished and will eventually weather to grey, conforming to the rest of the facade. The materials for the extension were chosen carefully to fulfil the clients' desire for a lightweight and naturally

1. The sunny balcony allows residents to make the most of summer coastal weather.

2. This Copacabana house creates a striking profile against the skyline.





3. The kitchen mixes neutral green and white with the striking timber floors  
 4. Large glass windows provide the perfect backdrop with ocean views  
 5. A central staircase was installed to

complementary form to offset the visual heaviness of the original house. As a result, the material palette is simple and restrained with fibro cladding and a variety of exposed timbers. The external materials were kept raw to help the building sit in harmony with the natural landscape.

A central staircase has been inserted into the lower floor, providing a central core around which the upper rooms are arranged. The planning of the upper floors is intended to maximise the perception of space and make complete use of the view. A large pergola, which will eventually be covered in vines, replaces the existing garage structure to act as an aesthetically pleasing horizontal border between the ground and first floor. It also links the carport to

the entry patio via new landscaped steps constructed in salvaged railway sleepers and bricks.

It was important for the clients to have the building reconnect with the essence of the Australian coastal environment, and settle more naturally into its environment. Although the new extension takes on a rather dramatic architectural form, the house's position between the Copacabana and Bouddia National Park headlands means that these extended structures actually mirror the shape of their surrounding natural formations. They also achieve a similar sense of enclosure, with low walls and solid balustrades framing the ocean view dramatically yet protectively, screening out neighbouring buildings. The elongated forms allow inhabitants

6. The spacious, open plan kitchen with blue shelving reflects its coastal environment

to enjoy the best of the building's position in its coastal suburban context: providing privacy from the street to the north and a platform from which to enjoy the view to the south. The house also takes cues from a classic beach house style in its use of sunlight, with coloured fins in the ceiling illuminated by skylights, providing a soft glow to the central stair and out onto the deck.

Environmentally sustainable and low maintenance building materials were prioritised in the construction of the new extension. An effort was made to retain as much of the existing structure as possible in order to cut down on new materials required. The extension is imbued with the principles of passive design; solar gain and cross ventilation were key factors in the orientation of the upper level. Additionally, active systems have also been incorporated into the works including a 2 kW photovoltaic system and a 6100L rainwater tank supplying toilets, washing machine and taps. One of the clients' criticisms about

the original house was that it disregarded the natural vegetation, and as such the site has been replanted with native, low water use plants.

With the Kellie Residence, David Boyle Architect has taken everything the original house should have been, and incorporated these missing factors sensitively with a modern, attractive extension. Where the original building was aesthetically jarring and ill-fitted to its context, the new Kellie Residence makes the most of its position in a contextually harmonious way. ➔

#### PRODUCTS

**Upper Level Cladding** James Hardie 6mm Hardiflex Fibre Cement with clear sealant finish by Murabond  
**Lower and Upper Cladding** Cover Battens Walker Brothers Timber western red cedar cover battens  
**Front Steps** Salvaged railway sleepers and reused bricks from demolished portion of garage

**Windows** Broadview

