

ART AND NATURE, SHELTER AND EXPOSURE, safety and danger: such are the polarities woven into every aspect of this dwelling. With these themes foremost in mind, architect Jorge Hrdina has designed a building that confidently explores them – that embraces, rather than shies away from, the tensions they produce.

The magnificent location itself embodies the drama and magnitude of such fundamental concepts. The site, at the extreme edge of a one hundred metre high cliff, is exposed to extreme southerly winds and panoramic views on an epic scale. From close range, the edge elements of the house – the deck and the wet-edge pool – seem to merge as one with the ocean and sky. And viewed from a distance, the building appears to be growing out of the very cliff face – both, after all, have a good deal of sandstone in them.

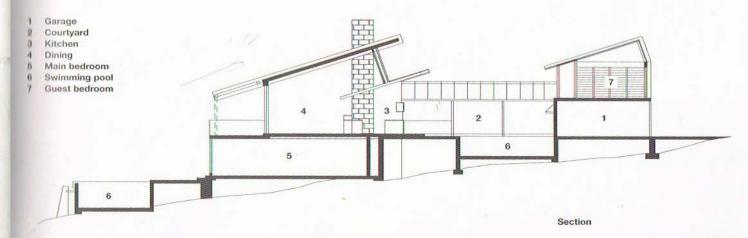
In form, Jorge conceived the design as four pavilions, arranged primarily to address the shelter-exposure dichotomy. The two principal pavilions on the ground floor form a sheltered private zone for a second pool, an outdoor dining area and a covered walkway linking the two buildings. The ocean-facing pavilion acts as a buffer, taking the brunt of the elements and deflecting them: in this building the roof angles in particular have been carefully calculated to temper the wind. "The angle and length of both the main pavilion roof, and the wing roof over the kitchen, were computer modelled, so they act as wind deflectors over the courtyard," explains Jorge. "In fact, the computer model showed that in a 110 km/h wind, a 12 km/h wind would be experienced in the courtyard. These architectural elements are

designed both to protect the occupants from existing harsh conditions, as well as introducing a sense of scale – so the severity of the location harmonises with the more intimate living dimensions. For example, one can sit under a lower roof near the kitchen area."

On the upper level, two smaller pavilions rest on top of the large entrance pavilion (which contains the garage, store and laundry), and are separated by an intimate upper courtyard. Sited well away from the exposed coast-facing section of the building, this elevated courtyard benefits from the fact that the breezes are markedly diffused by the time they reach it. A study is accommodated in one pavilion, and a guest bedroom is in the other. From here, one looks out to ocean views or down to the courtyard and pool below, where water falls into the pool from a slot in the stone wall to create a restful ambience.

The sense of calm experienced in the inner courtyard is drawn, in part, from influences of art and nature – but also from a Japanese aesthetic which resonates particularly strongly with the clients, who spent some years living in Japan. This influence is seen also in the refined use of materials, and in the sophistication with which transition zones have been orchestrated. And the overall pavilion construction of the building recalls certain architectural typologies of traditional Japan, especially in the use of timber details and richly-toned timber panels.

To capture the views, all the main living areas and the two principal bedrooms are located in the double-storey pavilion facing out over the cliff. On the ground floor, two bedrooms enjoy immediate access to the deck and wet-edge pool. On the upper floor, the indoor and outdoor THESE PAGES, LEFT: This view from the wet-edge pool shows the lower level bedrooms and the upper level living area in the main pavilion, which overlooks the coast. RIGHT: The deck and the wet-edge pool merge with the ocean and horizon, while a retained tree is a sculptural presence. PREVIOUS PAGES: The upper level living and kitchen area is dominated by dramatic roof forms and clerestory-style glazing. Huge sliding doors link the indoor areas to the terrace.





34 HOUSES

Peru. But in this context the walls are of local Gosford sandstone, a

direct reference to the cliff face just below, which is formed of the same.

Western Australian sandstone flooring continues this theme indoors.

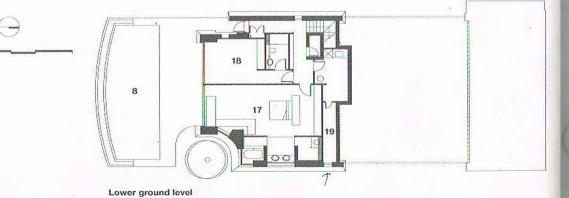
The use of timber throughout - the cedar external louvres, exposed

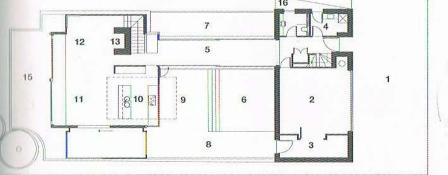
In this building Jorge Hrdina has achieved a complex layering and interplay of big ideas and diverse influences, while also orchestrating a highly livable environment that acknowledges the shifting moods and needs of the occupants. A robust presence on an exposed precipice, architecture and nature have met here in perfect accord. JD



THESE PAGES, LEFT: Crafted from local sandstone, the house merges with the cliff and resonates with its rugged natural context. RIGHT: The garage forms the base of the north pavilion, the upper floor of which comprises a small courtyard, a guest room and a study. PREVIOUS PAGES, LEFT: An intimately scaled cantilevered ceiling delineates the living area in the main pavilion. RIGHT: The system of roofs in the main pavilion acts as a wind diffuser for the courtyard.

- 1 Driveway
- Garage
- Store
- 4 Laundry 5 Cloister
- 6 Pool (swimming)
- 7 Pool (plunge)
- 8 Courtyard 9 Outdoor dining
- 10 Kitchen
- 11 Dining
- 12 Living
- 13 Fireplace
- 14 Piano room
- 15 Deck
- 16 Drying court 17 Main bedroom
- 18 Bedroom
- 19 Ventilation corridor
- 20 Study 21 Upper level courtyard





Ground level



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PRACTICE PROFILE Practice engages in modium to large scale multi-residential projects, as well as institutional and single residential work. Five stall.

PROJECT TEAM Jorge Hidina (director), Simon Herbert (documentation, design development), Peta Baker, Jorge Hralna Snr. (project administration).

BUILDER Bellevarde Constructions

Engineer Hyder Consulting Landscaping Michael Cooke, Avant Garden Interiors Jorge Hirdina Architects and Bronwyn Wall, Design Environment Lighting Steenson Varning Pool engineers G. Ninnes Fong and Partners

Pool Wright Pools PRODUCTS

Roofing Copper External walls Blackbutt; Gosford sandstone Internal walls Gyprock; Gosford sandstone; Chilean rauli timber in bedrooms Windows Cedar frames; ss door furniture Doors Internal - solid core generally; bedrooms - rock maple frame and operable louvred inserts; Chilean rauli sliding partitions; larger sliding doors have ss frame with timber over Flooring Acrogem sandstone; piano room - rock maple; study - blackbutt Kitchen Stone Italiana benchtop; rock maple and stainless steel to cupboards Bathrooms Teak duckboards in showers Heating In slab electric heating External elements Mixed hardwood decking; cedar operable louvres

TIME SCHEDULE Design, documentation 12 months Construction 13 months

PHOTOGRAPHY Eric Sierins