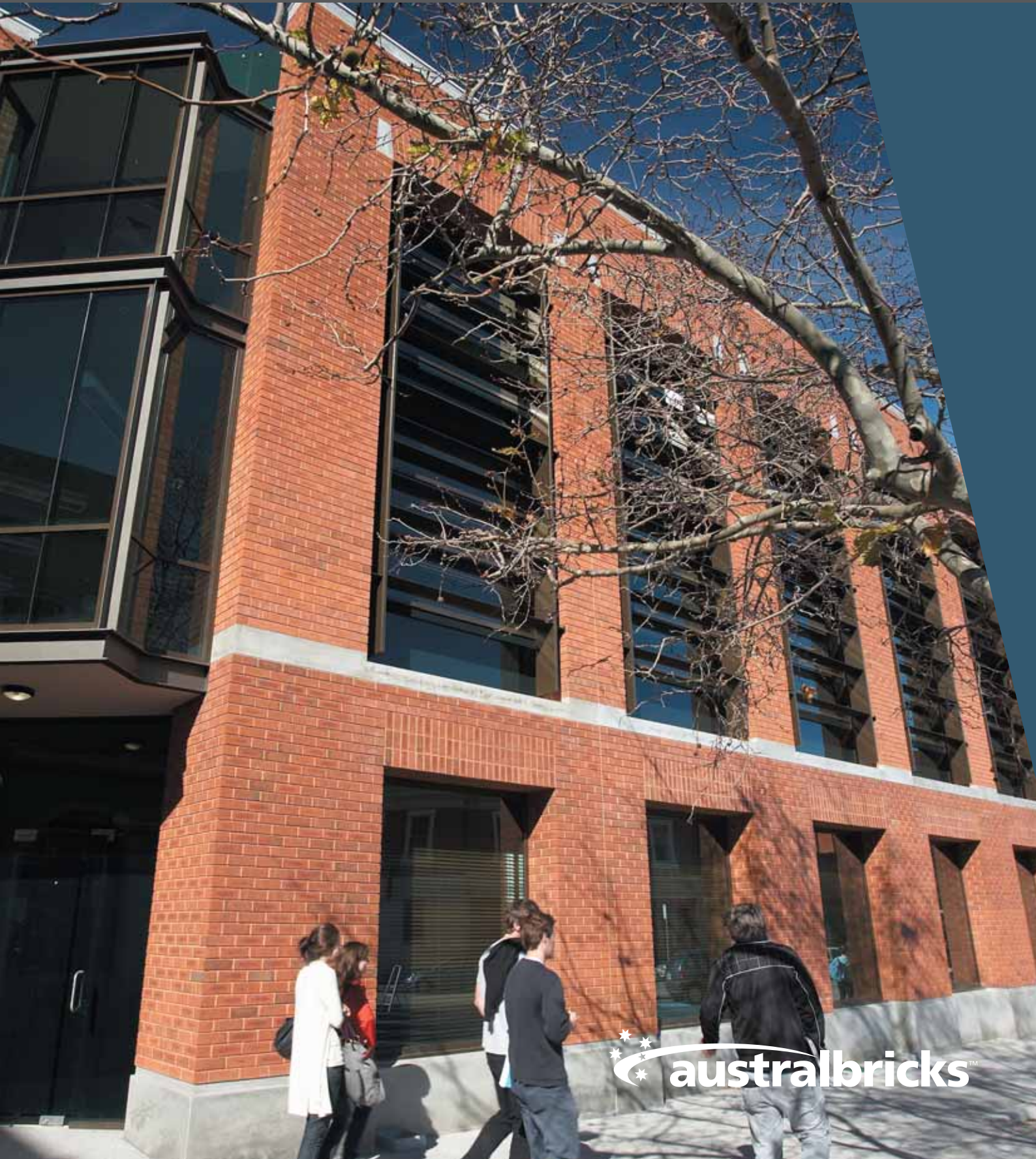


ABSTRACT

SEPTEMBER 2008

AUSTRAL BRICKS PROJECT SHOWCASE



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"We liked the honesty of the red brick"

South Melbourne "bachelor pad"

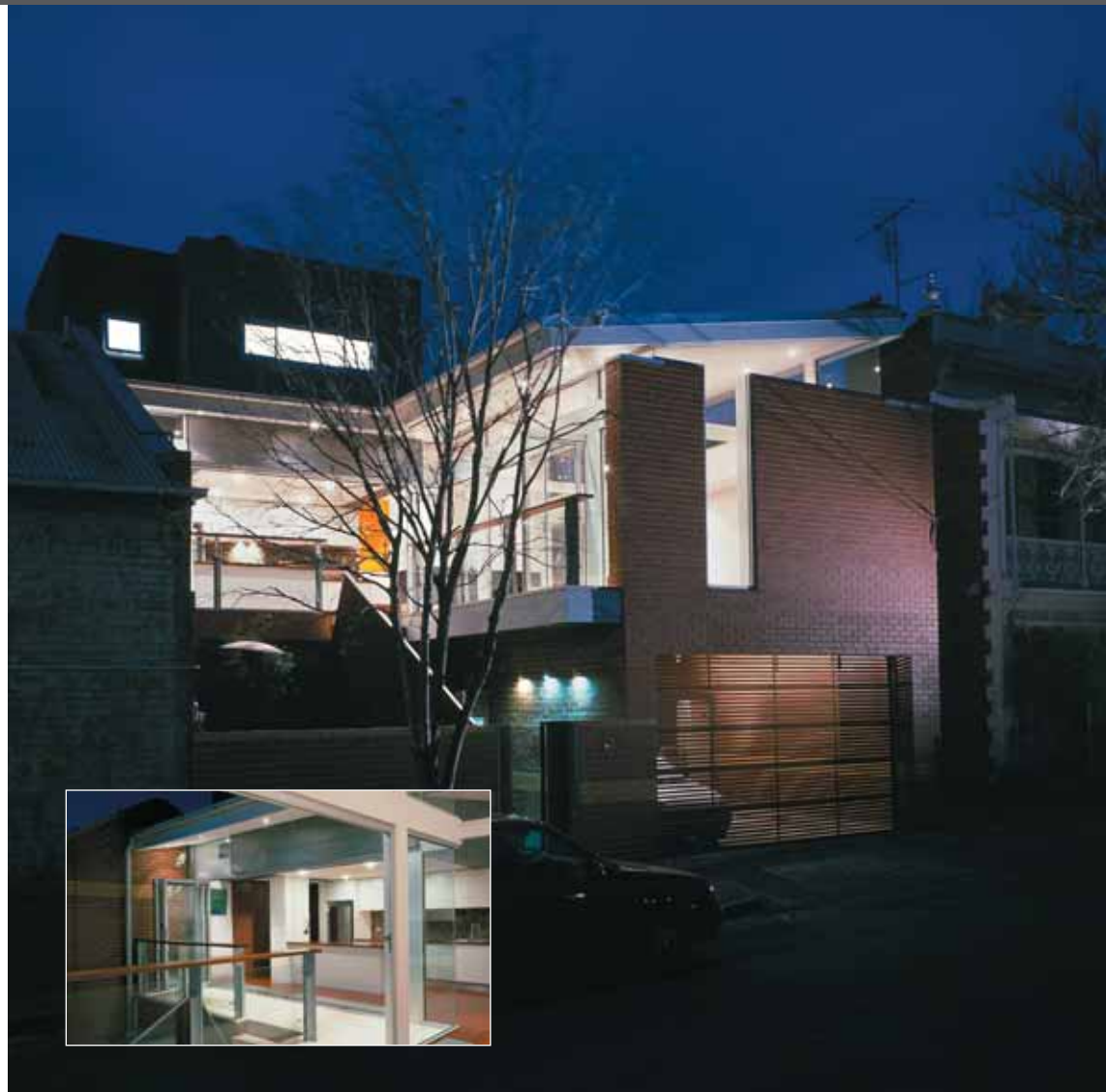
ABstract # 1

Owner/builder/architect:
Theo Kerlidis

Austral Bricks products:
Nubrik Pressed Red bricks



Is this the definitive infill, tucked away behind a restaurant, and above the kitchen and garage? The scale of the façade matches that of the neighbouring heritage terrace houses. The open-plan, two-level house has high thermal mass thanks to the use of brickwork, floor slabs and a massive block fireplace.



Behind and above a restaurant in a narrow street of Victorian terraces is the unlikely location for this contemporary brick, glass and steel "bachelor pad."

The owner-builder, architect Theo Kerlidis of K20 Architects, was presented with a dilemma common in heritage areas: how to design something new, while maintaining sensitivity. Kerlidis was also required not to compromise the restaurant's operations.

Key to the solution was scale and the use of red bricks, a Melbourne icon. "We liked the honesty of the red brick," Kerlidis explains. Internally, a large fireplace is the focus of the open plan living/dining/kitchen area which has unobstructed views to the street. Upstairs is a single bedroom and ensuite, in a small box clad in zinc on two sides.

The building has high thermal mass thanks to the use of external brickwork, internal blockwork (especially around the large fireplace) and concrete slabs.

No longer a bachelor and with a baby on the way, Kerlidis and his partner Cathy have rented out the property. However his vision will be on display for generations, if not centuries, to come.



More information and photos
at www.australbricks.com.au
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“It’s something new but goes really well with the old”

ABstract # 2

Kensington house extension

Architect: Fox Johnston Architects

Builder: Orion Developments

Bricklayer: Peninsula Projects

Austral Bricks products:

Bowral Blue dry pressed bricks



Fully folding doors to the south and east enable this brick extension to embrace the garden. The deep reveals also provide shelter from rain and heat. The designers and owners chose to complement rather than match the colour of the 1930's cottage. The project won the Alterations and Extensions category of the 2008 RAI NSW Architecture Awards.



The owners of this handsome 1930s cottage loved their house but were looking for more living space and a connection to their back garden.

Like the house, this extension is built in brick. However this is a very contemporary interpretation, with deep, brick-lined reveals allowing fully-folding doors to address the lawn and a paved area.

Detailing these openings was a challenge. “It required a lot of three-dimensional thinking just to make sure you know exactly where to cut the bricks so it looks just the way you want,” says project architect Felix Junker who took an unconventional approach in the soffit design. Brick faces were adhered to fibre-cement sheets, fixed to the steel structure and mortared in position.

The designers recommended not matching the existing dark red bricks, and instead nominated Bowral Blue dry-pressed bricks. “It’s something new but goes really well with the old,” Junker explains. The extension embraces the outdoor while still maintaining a connection to the house, both physical and visual.

IP In Practice

More information and photos at www.australbricks.com.au (under 'Project Info').

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“ We wanted to use natural materials, that was

ABSTRACT # 3

King George Square Station

Location: Brisbane QLD

Client: INB Hub Alliance for TransLink Transit Authority

Architect: Bligh Voller Nield

Builder: Leighton Contractors

Terraçade installation: Mo's Roofing

Austral Bricks products:

Terraçade XP in Pilbara Smooth



Terraçade's terracotta body made it a natural choice for Brisbane's new underground bus station. The vulnerable location prompted the specifiers to conduct rigorous trials to confirm its stain resistance qualities, which were enhanced with Dry-Treat impregnating sealer. Where possible, advertising and signage opening sizes were coordinated with the Terraçade module.

The durability and good looks of Austral Bricks Terraçade lightweight façade system were central to its selection for an underground terminal on Brisbane's new Inner Northern Busway.

“ King George Square fronts City Hall so there were a whole raft of considerations about the location and style of the station and its entrances, as well as the image that Queensland Transport and TransLink wanted it to portray,” says Phil Tait, Bligh Voller Nield's project director.

The designers needed a walling material that is durable, looks great and resists staining, grime and graffiti. “ We wanted to use natural materials, that was really important,” Tait considers. “ Having materials that don't require finishing and painting all the time is more environmentally sustainable.”

Before finalising their selection, the team subjected Terraçade to extreme tests. The location's vulnerability required stain resistance of a very high level. The tiles were treated with Dry-Treat, an Australian-developed impregnating sealer.

Test panels were then smeared with axle grease and paint. After a week in the weather, the test panels were quickly and successfully cleaned using conventional cleaners.

This was the first full-scale Terraçade installation for Mo's Roofing. Accurate set-out is the key to installation success, Mo Sorbie believes. His team used laser levels and developed a measuring rod to ensure consistent measurements. “ It didn't seem to be a particularly long process,” says Phil Tait. “ Once the guys got going, it seemed to happen pretty fast.”

really important”



Wall-mounted display and advertising boards were sized to the Terraçade module wherever possible, to reduce cutting. Pearl grey powdercoated trims completed the installation.

The end result has been pleasing all round. “It’s a great product, fantastic,” says Mo Sorbie enthusiastically. “It’s natural, sustainable and low maintenance. It blows me away every time I see it.”

Phil Tait agrees. “This is the first time we have used Terraçade, but in the right location and context, we will certainly use it again.”



IP In Practice

More information and photos
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" Brick provides a timeless quality, with University of Notre Dame Australia

ABSTRACT # 4

Fremantle WA

Architect: Marcus Collins Architects

Builder: W Fairweather and Son

Bricklayer: PWD Bricklayers

Building cost: \$5.4 million

Austral Bricks products:

Heritage Jamison bricks

Darlinghurst NSW

Architect: Marcus Collins Architects

Builder: Equiset Construction Sydney

Bricklayer: DJD Masonry

Paving contractor: Unicorn Landscapes

Building cost: \$10.9 million (new building), \$7.3 million (restored/recycled buildings)

Austral Bricks products:

Bowral Blue and Gertrudis Brown dry-pressed bricks (restored church)

New Century Gold bricks (new building)

Riviera 400 pavers in Portofino (sills)

Bowral Maple pressed pavers

Victorian Classic Cream pavers



Fremantle: *The School of Health Sciences is the first new building on the heritage campus. It continues the warehouse theme of its neighbours, albeit it in a more contemporary style and with high levels of solar and environmental performance. At street level, the building preserves a human scale, with single storey reveals and double height openings above.*



More information and photos at www.australbricks.com.au (under 'Project Info').

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The University of Notre Dame Australia, a private Catholic university, was established in Fremantle in 1989.

The School of Health Sciences is the first new building on the campus comprising repurposed heritage buildings. The new building has a warehouse feel while providing contemporary functionality, says architect Marcus Collins.

Externally, human scale is preserved with deep, single-storey brick reveals, capped by triple soldier courses. Double height reveals above add to the building's verticality.

Structurally the building consists of reinforced concrete floor slabs supported by concrete columns to the lower two storeys, with steel columns and roof framing to the upper storey. The walls are face brick, both internally and externally. The plinth, arch springers, and parapet capping, are rendered brickwork, as is what appears to be an exposed slab edge at first floor level.

low maintenance"



Across the continent, Collins faced a similar but different challenge when Notre Dame opened its Darlinghurst campus in inner Sydney. The site comprised a disused but heritage-listed Catholic primary school, an under-used presbytery, and a heritage-listed church.

The church, which retains its parish function, was extensively restored, after demolition of a discordant 1960's concrete extension. The original brick gable wall was reconstructed using a mix of Bowral Blue and Gertrudis Brown bricks.

The school and presbytery were extensively restored and recycled for educational use, but a new seven-storey building was required to make the site viable. Its structure consists of post-stressed, large span, concrete floor slabs, supported on concrete columns.

The brick chosen for the new building has very consistent, lighter tones that still relate to the darker brick of the church. An unusual feature is the use of large format, 400 x 400 mm, colour matched, Riviera clay pavers in sills.

"We are extensive brick users in our work," says Marcus Collins. "Brick provides a timeless quality, with low maintenance, and which mellows and ages well. Brick walling get better with time, where as most other building materials degrade until they are repainted or extensively restored."

Darlinghurst: *Riviera 400 large format clay pavers in sills provide an excellent colour match to the brickwork. The seven-storey Schools of Medicine and Nursing allowed the Darlinghurst campus, based on a repurposed Catholic school and presbytery, to be viable. The brick colour complements the restored church. Strongly gridded paving helps link the disparate building styles.*

IP In Practice

More information and photos at www.australbricks.com.au (under 'Project Info').

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" The obvious high attention to detail

Bayside Townhouses

ABstract # 5

Location: Concord NSW

Owner: Defence Housing Australia

Architect: Cameron Chisholm & Nicol (NSW) (now GHD)

Builder: Northpoint Constructions Australia

Bricklayer: Authentic Bricklaying

Paving contractor: Segmental Paving Services

Building cost: \$6.4 million

Austral Bricks products:

Bowral Gertrudis Brown dry pressed bricks

Bowral Silver Sand and Chestnut dry pressed pavers

Selectively utilising local design elements such as Dutch gables, painted timber and dry-pressed bricks help this Defence Housing development settle into its leafy Sydney neighbourhood. A clay paved link runs the length of the site, separating the street-facing units from those to the rear. The award-winning 17-townhouse development houses defence force senior ranks.



Better housing is one of the weapons in the armoury of Australia's defence forces in the battle to attract and retain members. This 17-unit complex, commissioned by Defence Housing Australia was named Townhouse/Villa Development of the Year in the 2007 HIA NSW awards.

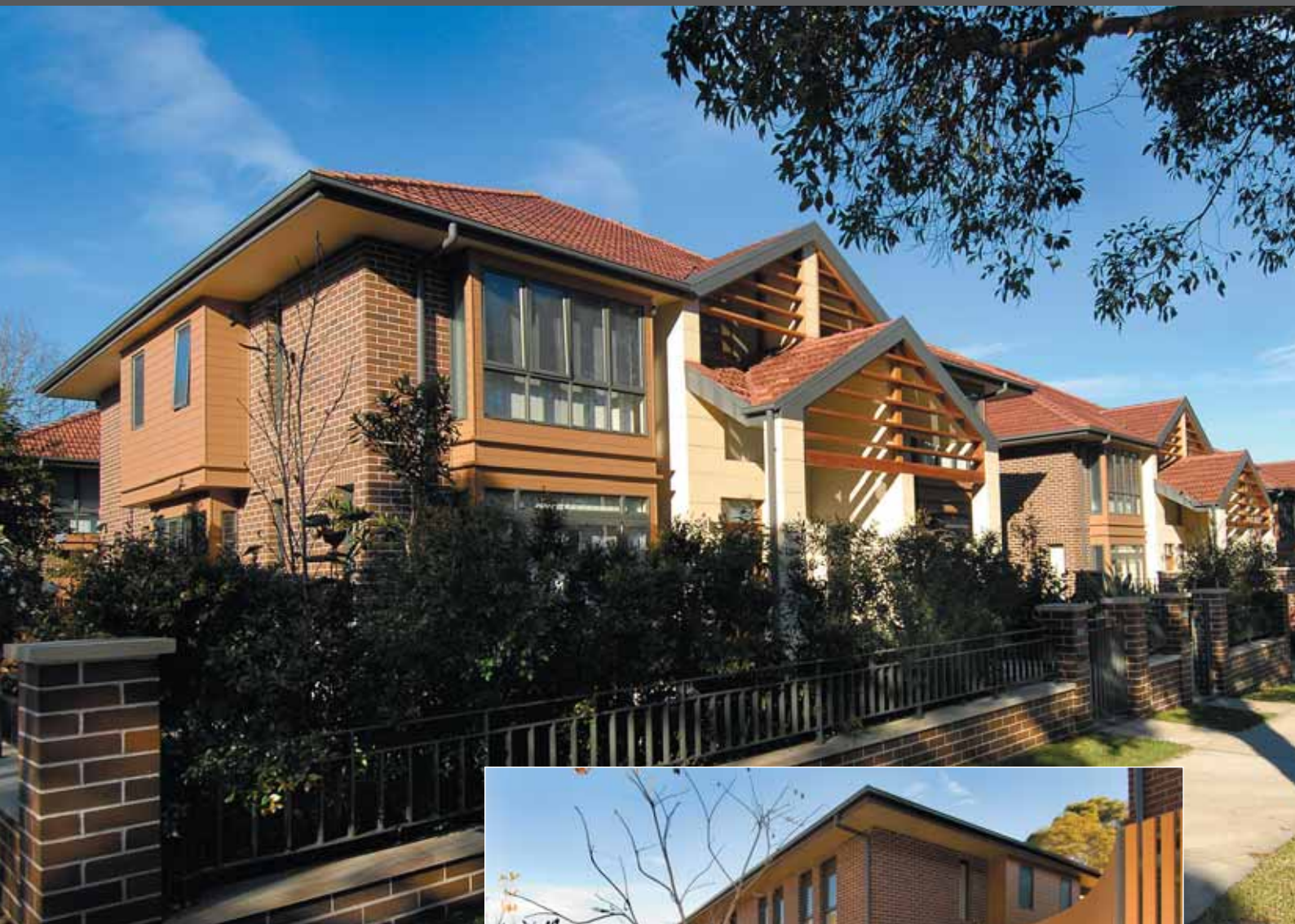
"We were asked to do something very special on this site," says the project architect Nando Nicotra, then managing director of Cameron Chisholm & Nicol (NSW), now head of GHD Architecture in Sydney, who recommended incorporating local design elements.

Dry-pressed bricks – part of the local vernacular – were chosen in preference to a rendered finish which Nicotra describes as "extremely clinical and nondescript. We also liked the fact that dry-pressed bricks are dimensionally strong and visually very clean."

The townhouses are laid out in two rows. Underpinning the complex is a basement car park, capped by a concrete podium. A subtly authentic detail is the use of shaped sill bricks on all windows, with two-course vertical header bricks above.

A paved link runs the length of the site and parallel to the street. The narrow-jointed Bowral Silver Sand pavers are laid in 45 degree herringbone pattern, flanked by header courses of Bowral Chestnut.

is very impressive”



Mario Khaicy, director of Northpoint Constructions, praised the bricklayer, Authentic Bricklaying. “They are good guys and good brickies. We’ve worked together for six or seven years now. That’s part of getting quality, having lasting relationships with our subbies, suppliers and clients, so we can talk through issues and ideas as a team.”

The design sensitivity and construction quality caught the attention of the HIA judging panel. They wrote: “Overall, the quality of workmanship is very high and far exceeds the expectations for a project with this construction budget.”

Paying perhaps the ultimate compliment, the Defence Housing Authority decided to retain the townhouses rather than selling to investors.



IP In Practice

More information and photos at www.australbricks.com.au (under 'Project Info').

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“ The installation was straightforward,
not a real

ABstract # 6

Breeze Apartments

Location: Victor Harbour SA

Developer: Boldsouth

Architect: Nelson Architects

Builder: Savills Project Services

Terraçade installation: Asurco Contracting

Building cost: \$13.5 million

Austral Bricks products:

Terraçade TL in Torrens



The prominent western elevation of this “seachange” development is clad in Terraçade. The terracotta body adds natural colour and texture and is rated Exposure Grade, an essential requirement in this exposed coastal location. Terraçade “looks really good and adds depth to the elevation” says the project manager.

IP In Practice

More information and photos at www.australbricks.com.au (under 'Project Info').

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Like most “ seachange” towns, Victor Harbour, 80 kilometres south of Adelaide, is undergoing a development explosion. Breeze Apartments is located on a prime waterfront site in this popular tourism destination.

The complex has 24 single-storey apartments, from two to four bedrooms, and six two-storey penthouses over its five levels, including an underground car park.

Structurally the building comprises reinforced concrete floor slabs, with in situ-cast reinforced concrete columns and clad in precast concrete panels. However the prominent western elevation is clad in Terraçade, Austral Bricks lightweight terracotta façade system.

The natural colour variation inherent in a genuine fired terracotta product contrasts with the textured paint finish applied to the balance of the external walling. As an Exposure Grade product, the Terraçade tiles will resist the attack of salt-laden wind that is inevitable in such an exposed coastal location.

problem at all”

Product Focus Product Focus Product Focus



The tiles are captured on purpose-designed vertical rails. The innovative system can be installed directly onto a timber or steel framed wall, or concrete or masonry structural wall. For framed structures, a waterproof membrane is supplied by Austral as part of the system's tested performance.

This was the first Terraçade project for Nathanael Wadforth, Savills project manager “The installation was straightforward, not a real problem at all,” he reports. “There was a little bit of cutting, nothing out of the ordinary, nothing unusual, so nothing overly difficult. As far as I am aware, everyone is pleased with the outcome. Personally, I think it looks really good and adds depth to the elevation.”

Product Focus Product Focus Product Focus Product Focus Product Focus Product Focus Product Focus Product Focus Product Focus Product Focus

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(Right) Deep reveals and fully-folding doors bring the outdoors into this award-winning extension to a 1930's inner Sydney cottage. Photo by Brett Boardman.

(Cover) The School of Health Sciences, the first new building on the University of Notre Dame Australia's Fremantle campus, presents a human scale to the street and continues the functionality of its repurposed heritage neighbours. Photo by Gary Peters.



Austral Bricks is a GreenSmart Leader, a program sponsored by the Housing Industry Association to promote environmental performance in Australia's building industry.

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Colour variation: Clay bricks and pavers are made from natural minerals, kiln fired to lock in their colour and durability. The resulting colour variation is part of their appeal and will occur within each pack and from one pack to another. Display panels and brochure images are only an indicator of colour and texture. It is essential to view more than one display panel and obtain samples to get an indication of a product's colour range.

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