

MODERN GREEN HOMES Sanctuary

INSIDE ISSUE 13 120+ green building & renovating solutions; ask our experts; green design books reviewed; life cycle assessment; 51 pages of inspirational & sustainable homes

Summer Eco Style How to Build & Renovate Green

GREEN DESIGN EXPLAINED

Eaves - stop heat
before it gets in

Natural ventilation

Thermal mass

ISSUE 13 AUD \$9.95 NZ \$10.95
SANCTUARYMAGAZINE.ORG.AU

WIN

An Edwards solar
hot water system

IN FOCUS

Create your own
rain garden

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Life cycle assessment reveals the impacts of building products, from their raw material production, manufacture and distribution through to their disposal.

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Keeping the facilitation of air flow in mind when designing your home is crucial for good ventilation and passive cooling, writes Paul Downton.

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Dick Clarke takes a look the advantages of operable shading over fixed eaves in mixed heating and cooling climate zones.

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THERMAL MASS

Thermal mass is one of the simplest green design principles, and one of the most important, writes Marie Wallin. Luckily it's easy to get right and there are no on-going costs.

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SUN DRENCHED

Summer holidays along this stretch of the NSW coast are taken in uncomplicated sustainable style – is there any better way?

WORDS GINA MORRIS PHOTOGRAPHY SIMON WHITBREAD



NEW LEASE ON LIGHT

Clever design brings light and warmth into a quaint inner Melbourne home.

WORDS FIONA NEGRIN
PHOTOGRAPHY RHIANNON SLATTER

The block runs east-west with the northern side of the house up tight against the boundary. The design response brings light into the house, and includes a rooftop terrace and sun-drenched deck – without encroaching on the garden. Paddy's Bricks (www.paddysbricks.com.au) were used for garden paving, while reclaimed Red Iron Bark used for the deck is from Urban Salvage (www.urbansalvage.com.au).

BACK TO BASICS

A routine restumping transforms an old weatherboard in inner-suburban Melbourne into a charming home.

WORDS VERITY CAMPBELL
PHOTOGRAPHY RHIANNON SLATTER



The light fitting in the kitchen uses CFL bulbs. Lucy chose black cabinets for longevity and to match her eclectic furnishings. Rather than installing overhead cupboards she bought a second-hand hanging shelf unit which she turned into kitchen shelves to hold tea, coffee, oil, jars and spices.

AHEAD OF ITS TIME

An eco development on Tasmania's east coast prioritises the local bush, small floor plans and sustainability - on a modest budget.

WORDS JUDITH ABELL
PHOTOGRAPHY MATTHEW NEWTON & MARIA GIGNEY



A void between the garage and the master bedroom houses a pond to cool breezes heading for the kitchen and dining area. Custom-built, the pond is approximately five square metres and 30cm deep, complete with water plants and fish.

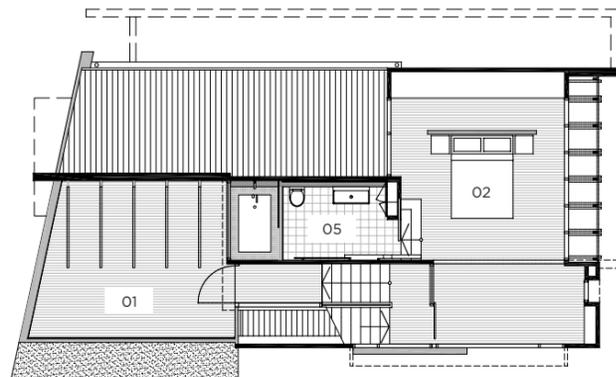
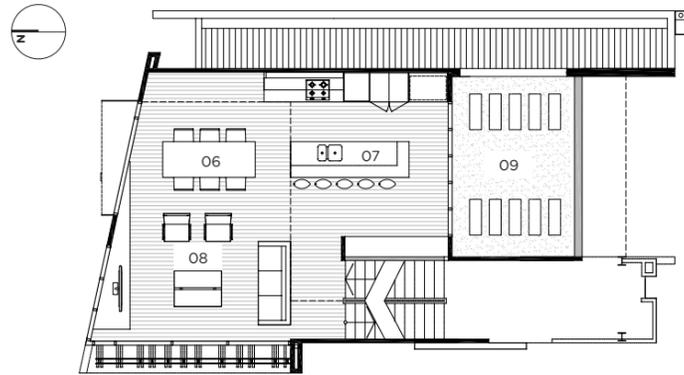
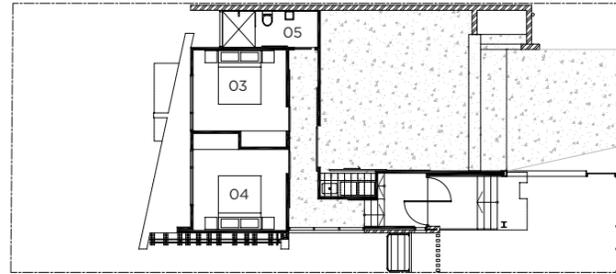


DIVIDE & PROSPER

Lateral thinking and design flair fit an airy and roomy house in the backyard of an inner-city Brisbane block.

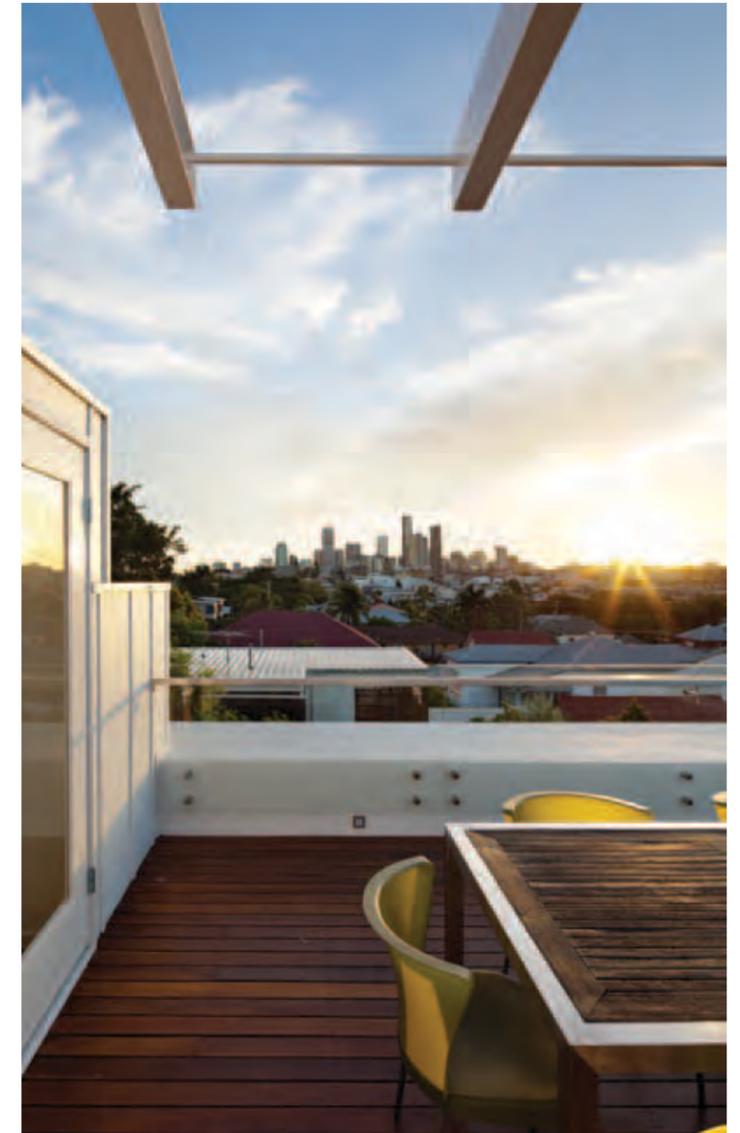
WORDS FRANCENE RIDLEY PHOTOGRAPHY CHRISTOPHER FREDERICK JONES

- 01 Rooftop Terrace
- 02 Main Bedroom
- 03 Bedroom 2
- 04 Bedroom 3
- 05 Bathroom
- 06 Dining
- 07 Kitchen
- 08 Living Room
- 09 Fish Pond



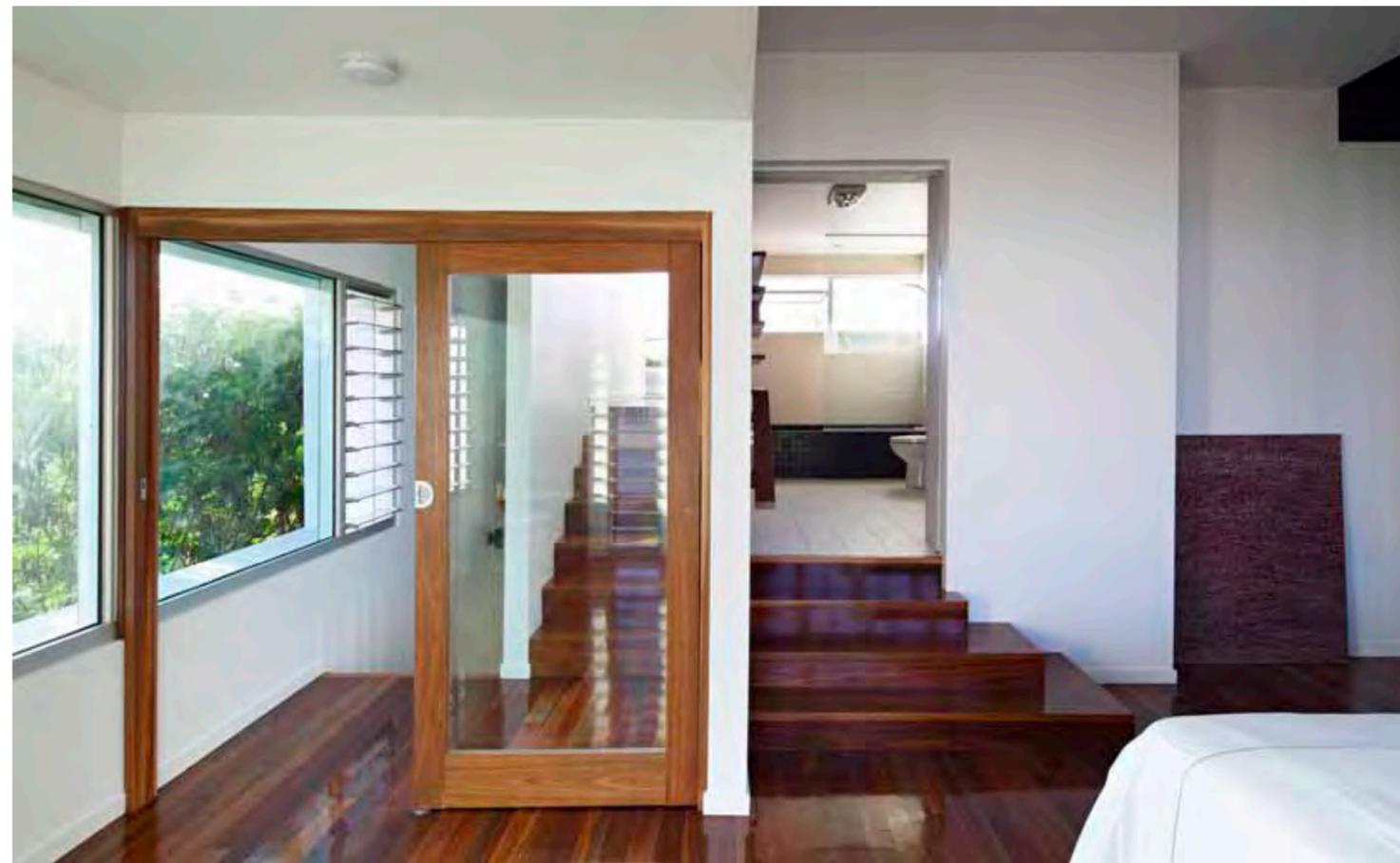
↑ Evergreen Cissus climbing vines will one day cover the west-facing balcony with a natural curtain of green.

↓ A rooftop terrace is a great way to maximise living space on a small block. Michael's makes the most of the Brisbane city views. Vines will be grown over the painted steel frame overhead for shading and privacy.





Open stairwells and an open layout without hallways allow maximum airflow through the house. The stair treads are supported by steel mono-stringers with steel brackets.



“I thought about how best to orientate the house to get breezes and light, which meant not using every inch of land.”

The entire north wall is angled to preserve the neighbours’ view, and also acts as an eave to protect the downstairs bedrooms from the summer sun. An angled surround gives privacy to the low living room window. The grey CSR Cemintel ExpressWall cladding is lightweight and quick to install.

