



RIGHT HOMES

GOING GREEN THE RIGHT WAY

AFFORDABLE AND SUSTAINABLE

With this project, the team at Right Homes had a goal to create affordable, medium-density housing in an inner-city area with a primary focus on sustainability. The result was four double-storey homes built on one lot, designed to make the most of the sun's energy in winter and to use shading, proper ventilation and thermal mass to dispense with air-conditioning in summer.

With each of the four dwellings built on a 837m² block on Rutland Avenue in Lathlain, Right Homes has cleverly showcased diverse construction methods. For the apartments – Unit 1 and 1a – Right Homes employed double-brick walls with cavity wall insulation throughout. The first of the two townhouses – Unit 2 – was constructed using straw bales and brick, while for the second townhouse – Unit 3 – Right Homes used reverse brick veneer.



To tie the whole project together, each home features an iron roof cover, efficient ceiling insulation, ceiling fans for ventilation throughout, double-glazed windows, LED and fluorescent lights, 6-star rated water efficient tapware, solar hot water units, PV systems for power generation, rainwater tanks and one greywater system for the whole property.

Through the implementation of all these energy-efficient features, the aim was for each home to use 100 per cent renewable energy and to be carbon neutral. Unit 1 boasts a 9-star rating, Unit 1a has been rated with eight stars, Unit 2 is rated at 9-stars and Unit 3 asserts a 10-star rating.

Each home has spacious bedrooms, one bathroom, a dining/living area, a garage and communal outdoor area where all occupants can spend time, as well as extra-wide door frames for ease of access. The property is also conveniently located within walking distance to the nearby train station and shops.



The clients sought an independent design company, Solar Dwellings, to provide the initial drawings then chose Right Homes as the builder. The company had its in-house designer work closely with the clients to finalise the design for the development. Having the builder involved in the early design process ensures Right Homes is able to monitor the budget and ensure that the consideration of lifestyle, accessibility and passive design are all catered for.

Right Home's passion is to provide sustainable homes that are affordable is clearly evident in this development. Having a home that not only looks great, but performs better and efficiently will allow the clients to live comfortably through all seasons, each month of the year.



CONTACT

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Right Homes was established in 2006 after founding directors, Gary and Anna Wright decided to take their passion for building to the next step. Prior to Right Homes, Gary and Anna operated their own successful business, and through this, forged strong business relationships with some of the industry's best tradespeople. It is these strong business relationships, combined with Gary's 28 years of industry knowledge that form the backbone of Right Homes.

The company specialises in building all types of sustainable homes and passive design and construction, completing up to 25 homes a year.