



PAGEWOOD CENTR

# ENVIRONMENTAL ENERGY EFFICIENCY SAVING REPORT

2 Tingwell Boulevard, Eastgardens, NSW 2036

## 1. WATER EFFICIENCY

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basix Water Score | 42/40 BASIX Certificate Number 1259834M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Initiatives       | <ul style="list-style-type: none"><li>◆ 10,000 Litre Central Rainwater Tank for Irrigation</li><li>◆ Water efficient fittings greater than the 3-Star Standard fittings to assist in reducing the water consumption of the building<ul style="list-style-type: none"><li>◆ 4-star (WELS Scheme) for all toilet flushing systems</li><li>◆ 5-star (WELS Scheme) for all kitchen and bathroom tapware</li><li>◆ 4-star (WELS Scheme) for all showerheads</li><li>◆ 4-star (WELS Scheme) for all dishwashers</li></ul></li></ul> |

## 2. COMFORT LEVEL AND PASSIVE DESIGN

|                              |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Average NatHERS Star Rating: | The proposed residential development will enjoy a high level of thermal comfort, gaining an average 7.9-star rating                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Initiatives                  | <ul style="list-style-type: none"><li>◆ High quality double glazing to all windows to enhance thermal and acoustic comfort while the Generous glazing sizes to maximise views as well as occupants' connection to the outdoors</li><li>◆ At least R2.0 insulation to the external walls</li><li>◆ At least R2.0 insulation to suspended floors above basement, carpark and outside air</li></ul> | <ul style="list-style-type: none"><li>◆ At least R2.4 insulation to ceiling where required in accordance with the thermal specification for the project</li><li>◆ Maximise use of efficient LED lighting which use 80% less electricity than halogen lighting and last 5-10 times longer</li><li>◆ Building sealing and air-tightness measures to minimise heat loss and encourage energy bill savings</li></ul> |

## 3. ENERGY EFFICIENCY

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basix Water Score | 63/60 BASIX Certificate Number 1259834M                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                       |
| Initiatives       | <ul style="list-style-type: none"><li>◆ 60 kW renewable PV solar system for the common areas to offset energy requirements from the grid</li><li>◆ LED energy efficient lighting for all residential units</li><li>◆ Efficiency measures for lighting control systems in the common areas such as time clocks and motion sensors</li><li>◆ Single phase ducted air conditioning systems to all residential units with an EER of 3.0-3.5 for heating and EER 2.5-3.0 for cooling</li></ul> | <ul style="list-style-type: none"><li>◆ Gas cooktops and electric ovens</li><li>◆ 4.0-star energy rated dishwashers</li><li>◆ 2.0-star energy rated clothes dryers</li><li>◆ Central electric heat pump (air sourced) hot water system to reduce energy bills and greenhouse gas emissions.</li></ul> |

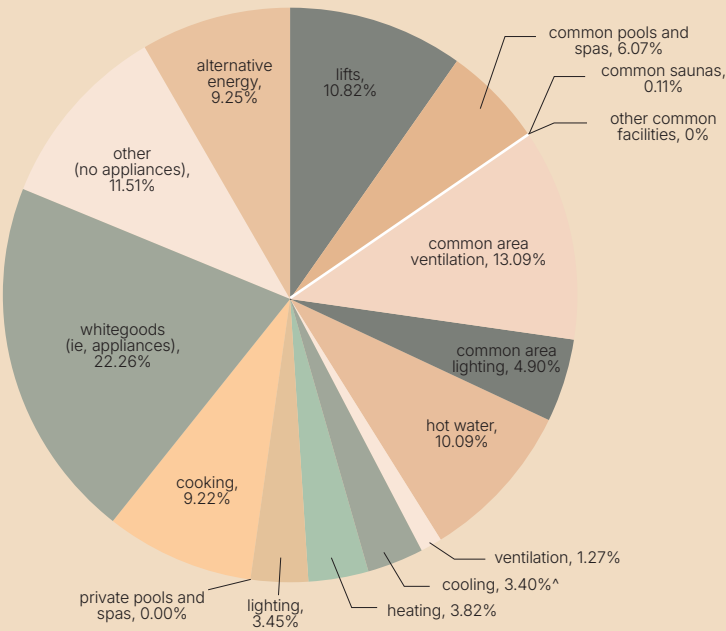
# 4. ENERGY AND WATER SAVINGS

Meriton is committed to providing developments aligned with stringent sustainability standards.

Every element of design is regarded with a high level of attention to detail, ensuring that developments provide living experiences which support occupant comfort and health while also minimising energy and water usage.

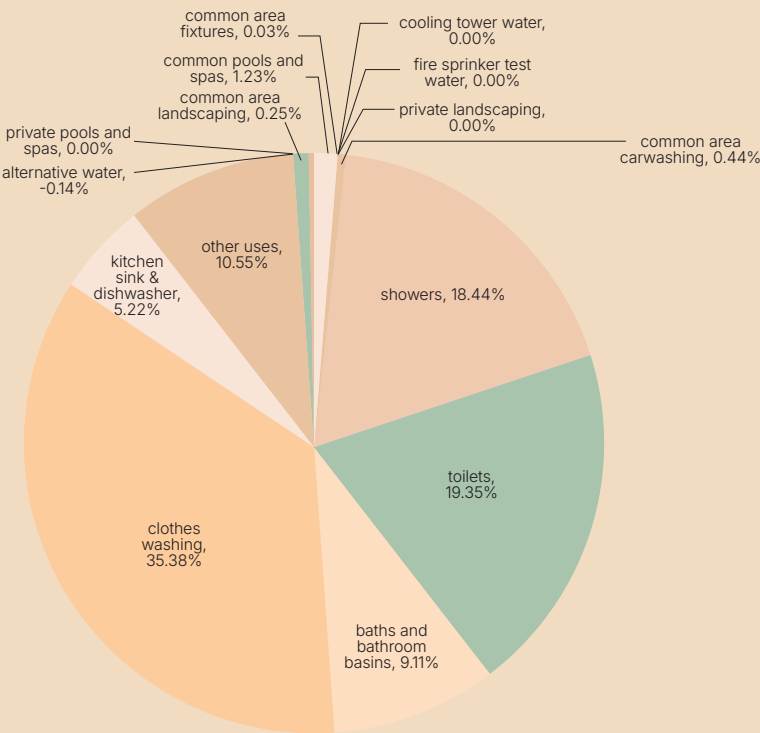
## ENERGY

- Energy Saving
- Achieved a score of 63/60
  - Equivalent to approximately 964,476.9 kg less CO2 emissions per annum compared to a standard benchmark building



## WATER

- Water Saving
- Achieved a score of 42/40
  - Equivalent to approximately 43,367.7 L less water usage per annum compared to a standard benchmark building



## 5. COMFORT AND LIFESTYLE

### TRANSPORTATION

---

Active modes of transportation are supported in this development which will allow residents to reduce their carbon footprints.

Meriton has committed to supporting active and sustainable modes of transportation by providing the following facilities:

- ◆ Secure bicycle parking for residents and staff
- ◆ Accessible transit options
- ◆ Provisions for residents to install personal EV-charging stations in this EV ready building.

### RESIDENTIAL AMENITIES

---

Now more than ever, sustainability is about not only energy and water efficiency but also the wellbeing of occupants. Meriton has committed to providing a development which strives to support occupants' mental and physical wellbeing through the below residential facilities:

- ◆ Private residential pool, sauna and gym amenities
- ◆ Green spaces – outdoor common areas with BBQ amenities and extensive landscaping

