

## Montague Road Community Vision 2035

(Companion document to the Vision)

### Desirable Design Outcomes

#### Sustainable Movement

1. Target of 80% of movement is active transport.
2. People come first; walking, scooters, bikes, public transport (free).
3. Footpaths are level and fully shaded with trees and awnings.
4. Speed limit is 30kph.
5. Road widths accommodate lanes for motor vehicles, public transport, and bicycles/mobility vehicles, trees and vegetation.
6. Crossings are integrated into every side street indicating priority for walking and cycling, with traffic restrictions in 'little' side street to prevent 'rat running'.
7. Mid-block, raised platform crossings over Montague Road are at obvious collection points (e.g. Davies Park, shopping hubs, hotels, and bus stops).
8. Motor vehicles are 'welcome' but with consideration for 2035 realities including transport plan for larger deliveries to businesses and into side streets for residents.
9. Street landscaping and vegetation help to keep traffic slow and safe.

#### Cool, Green, Blue (Water sensitive design)

##### Water:

- 10 Stormwater and rainwater are stored and re-used for the constricted river environment around Montague Road in line with the Cooperative Research Centre (CRC) for Water Sensitive Cities Guidelines 1.
- 11 Montague Road has achieved a 10% reduction in hard surfaces since 2022 in line with the goals of reduction of hard surface 2 & 3.
- 12 Rainwater is captured from 80% of roof areas and it is stored onsite for non-potable water needs 4.
- 13 All new development sites use water sensitive design with the following features: clear achievable outcomes, collaboration and capacity goals.

##### Street tree planting:

- 14 Boulevard treatment is in line with John Mongard Greenspace Strategy for West End 5.
- 15 Planting is along footpaths and down the centre of Montague Road.
- 16 Less constricted planting as wires are underground.
- 17 Forward planning provides lead time to grow into shady streetscape.

##### Parklands:

- 18 Increased tree planting, including clump planting, provides habitat, increased canopy cover, and cooling.
- 19 Retention of several spaces provide for informal sport activities.
- 20 Increased canopy cover is the result of the mandate for canopy cover in the redevelopment of the Olympic 2032 International Media site.

*Montague Road is a street of imaginative, diverse experiences and unfolding possibilities showcasing Brisbane and its citizenry to the world*

Private open space:

- 21 New developments in the Montague Road precinct delivering 10% permeable open space is central to a water sensitive city approach.
- 22 Roof gardens and green walls are not accepted as open space developer contributions.
- 23 Integrated Approach for Cooling:
- 24 Targets are in place for canopy cover, water capture and reuse, and reduction in ambient temperature.

### Kurilpa Canopy

- 25 The Kurilpa Canopy is a native vegetation forest featuring plants used by First Nations people for food, medicines and wood products – a forest parkland.
- 26 The First Nations Cultural and Art Centre is located within the site near to a meeting and river crossing place for First Nations people.
- 27 Development within the Kurilpa Canopy has adopted First Nations design features and so relates to the Cultural and Art Centre.
- 28 A Development Corporation, similar to SouthBank Corporation, exists with minimum 50% First Nations representation to guide management and design.
- 29 The size of this land is taken advantage of for storage and reuse of stormwater and rainwater initiatives.
- 30 Revegetation of industrial land with full canopy cover and the structural layers of native bushland reduces stormwater runoff and local flooding. Increased local absorption of rain restores the soil and also reduces local flooding.

### A Village Experience

- 31 Design is to human scale with building heights on street front being no higher than three storeys.
- 32 Buildings are designed for people to connect.
- 33 Incorporated, multiple, flexible use, public spaces for community connection indoors and outdoors.
- 34 No wires are above the road.
- 35 Age-appropriate and ability appropriate care services are locally available.
- 36 Safe parks for children to play, particularly around apartments buildings.
- 37 Affordable housing represents 10% of all developments.
- 38 Diverse architectural form is retained in the tin & timber, industrial, mixed use.

### References:

<sup>1</sup> This followed Brisbane City Council's successful demonstration of water sensitive urban design projects such as *Roll Back the Flood*, *Coorparoo*; *Fitzgibbon Chase Water Reuse*, *South Bank Rain Bank Stormwater Harvesting*, *Queensland's Children's Hospital Therapeutic Landscape* with stormwater and rainwater harvesting linked to amenity and urban greening outcomes. Melbourne Street stormwater harvesting project was one for the first such project.

<sup>2</sup> CRCWSC demonstrated that a 10% reduction of hard surfaces compared to current condition is achievable and has a big positive impact on stormwater pollution, urban greening possibilities, amount of runoff, and lower heat island temperature with little to no impact on the development yield.

<sup>3</sup> The use of Passively Watered Landscapes as recommended by CRC Water Sensitive Cities improves tree health.

<sup>4</sup> 80% is in line with the QDC MP4.2&4.3.

<sup>5</sup> [https://kurilpafutures.files.wordpress.com/2018/07/greenspacestrategy\\_july2018.pdf](https://kurilpafutures.files.wordpress.com/2018/07/greenspacestrategy_july2018.pdf)