



## High Density Residential

**Tract offers experience, understanding and landscape architectural skills for the creation of successful landscapes within high density residential projects.**

Elevated, rooftop gardens offer opportunities for environmental and social benefits and an improved level of amenity.

The integration of built-form vegetation (canopy trees, shrubs and lawn) with spaces typically dominated by built form assists in ameliorating the negative impacts of densely built environments and help to;

- alleviate 'heat-island' effects,
- improve thermal stability (reducing heat absorption);

- enhance the microclimate in and around a building and thereby reduce energy consumption;
- improve air quality;
- reduce carbon emissions; &
- improve hydrological performance.

Social benefits of providing improved access to outdoor spaces include creating opportunities for people to recreate, socialize and engage with their local environment.

Rooftop gardens also help to soften built form provide an attractive outlook.

Whilst rooftop gardens provide many benefits, the creation of ecologically and structurally sound gardens on-structure throws up some interesting design challenges.

Tract's Landscape Architects have experience with the technical aspects of rooftop gardens, many of which are not inherent with traditional garden design.

Design decisions surrounding soil structure, weight, water proofing and drainage need to be well resolved in order for the roof garden to be a viable long term entity.

Tract's team of landscape architects & horticulturists combine the required technical skills with vast experience in conventional aspects of garden design to create successful and appropriate spaces for people.



### Project Examples

- Newquay Docklands, Melbourne
- 70 Southbank, Melbourne
- Concept Blue, 336 Russell Street
- Cremorne Street, Richmond
- 401 St Kilda Road
- 568 St Kilda Road
- The Edge, Waterview & Lakeview Apartments, Maribyrnong
- Travancore Apartments
- Upper West Side
- Flockhard Street, Richmond
- Riviera Apartments, Richmond
- Eden, Haven & Sanctuary
- 243 - 247 Queens Parade, Clifton Hill VIC
- 22 Hopkins Street, Footscray VIC
- 101 Salmon Street, Port Melbourne VIC
- 658 Church Street, Richmond VIC
- 5 & 9-13 Stewart Street, Richmond VIC
- Moonee Valley Racecourse, Moonee Ponds VIC