

**15.02-1L**

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Proposed C203port

**Environmentally sustainable development****Policy application**

This policy applies to residential and non-residential development, excluding subdivision, in accordance with the thresholds detailed in this policy.

**Objective**

To achieve best practice in environmentally sustainable development from the design stage through to construction and operation.

**Strategies**

Facilitate development that minimises environmental impacts.

Encourage environmentally sustainable development that:

- Is consistent with the type and scale of development.
- Responds to site opportunities and constraints.
- Adopts best practice through a combination of methods, processes and locally available technology that demonstrably minimise environmental impacts.

***Energy performance***

Reduce both energy use and energy peak demand through design measures such as:

- Building orientation.
- Shading to glazed surfaces.
- Optimising glazing to exposed surfaces.
- Inclusion of or space allocation for renewable technologies.

***Integrated water management***

Reduce total operating potable water use through appropriate design measures such as water efficient fixtures, appliances, equipment, irrigation and landscaping.

Encourage the appropriate use of alternative water sources (including greywater, rainwater and stormwater).

Incorporate best practice water sensitive urban design to improve the quality of stormwater runoff and reduce impacts on water systems and water bodies.

***Indoor environment quality***

Achieve a healthy indoor environment quality, including thermal comfort and access to fresh air and daylight, prioritising passive design over mechanical heating, ventilation, cooling and lighting.

Reduce indoor air pollutants by encouraging use of low-toxicity materials.

Minimise noise levels and noise transfer within and between buildings and associated external areas.

***Transport***

Design development to promote the use of walking, cycling and public transport, in that order; and minimise car dependency.

Promote the use of low emissions vehicle technologies and supporting infrastructure.

***Waste management***

Promote waste avoidance, reuse and recycling during the design, construction and operation stages of development.

Encourage use of durable and reuseable building materials.

Ensure sufficient space is allocated for future change in waste management needs, including (where possible) composting and green waste facilities.

**Urban ecology**

Protect and enhance biodiversity by incorporating natural habitats and planting indigenous vegetation.

Reduce urban heat island effects through building design, landscape design, water sensitive urban design and the retention and provision of canopy and significant trees.

Encourage the provision of space for productive gardens, particularly in larger residential developments.

**Policy guidelines**

Consider as relevant:

**Residential**

A Sustainable Design Assessment (including an assessment using BESS, STORM or other methods) for:

- 2- 9 dwellings.
- A building used for accommodation other than dwellings with a gross floor area between 50 square metres and 1000 square metres.

A Sustainability Management Plan (including an assessment using BESS/Green star, STORM/MUSIC or other methods) and a Green Travel Plan for:

- 10 or more dwellings.
- A building used for accommodation other than dwellings with a gross floor area of more than 1000 square metres.

**Non-residential**

A Sustainable Design Assessment (including an assessment using BESS and STORM/MUSIC or other methods) for:

- A non-residential building with a gross floor area of 50 square metres to 1000 square metres.

A Sustainability Management Plan (including an assessment using BESS/Green star, STORM/MUSIC or other methods) and a Green Travel Plan for:

- A non-residential building with a gross floor area of more than 1000 square metres.

**Mixed use**

Applicable assessments for the residential and non-residential components of the development.

Consider as relevant the following tools to support a Sustainable Design Assessment or Sustainability Management Plan:

- *Sustainable Design Assessment in the Planning Process* (IMAP, 2015)
- *Built Environment Sustainability Scorecard 'BESS'* (Council Alliance for a Sustainable Built Environment 'CASBE')
- *Green Star* (Green Building Council of Australia)
- *Model for Urban Stormwater Improvement Conceptualisation 'MUSIC'* (Melbourne Water)
- *Nationwide House Energy Rating Scheme 'NatHERS'* (Department of Climate Change and Energy Efficiency)

## PORT PHILLIP PLANNING SCHEME

- *Stormwater Treatment Objective - Relative Measure 'STORM'* (Melbourne Water)
- *Urban Stormwater Best Practice Environmental Management Guidelines* (Victorian Stormwater Committee, 1999)
- *Waste Management and Recycling in Multi-Unit Developments - Better Practice Guide* (Sustainability Victoria, 2018)

### **Commencement**

This policy does not apply to applications received by the responsible authority before **insert gazettal date**.

### **Expiry**

This policy will expire when it is superseded by a comparable provision of the Victoria Planning Provisions.