Sustainable Melbourne Walking Tour

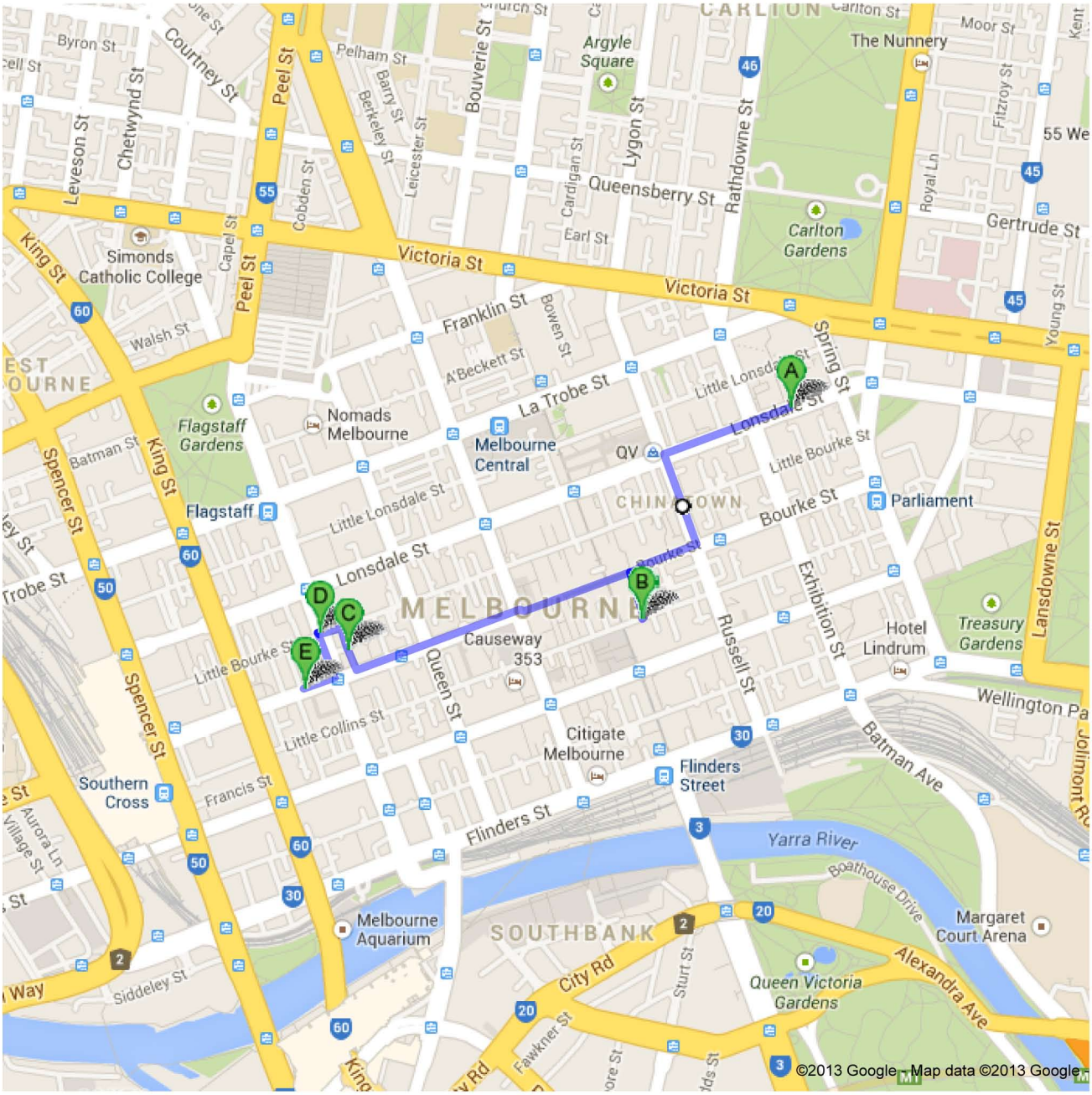


greenstar

Developed by the
Green Building Council of Australia

Directions to 550 Bourke St, Melbourne VIC 3004
2.0 km – about **27 mins**
Sustainable Melbourne Walking Tour

Walking directions are in beta.
Use caution – This route may be missing sidewalks or pedestrian paths.



A 50 Lonsdale St, Melbourne VIC 3000

1.	Head **west** on **Lonsdale St** toward **Exhibition St** About 4 mins	go 350 m total 350 m
2.	Turn left onto **Russell St** About 3 mins	go 230 m total 550 m
3.	Turn right onto **Bourke St** About 2 mins	go 180 m total 750 m
4.	Turn left towards **Little Collins St** About 1 min	go 120 m total 850 m
5.	Turn right onto **Little Collins St** Destination will be on the right	go 4 m total 850 m

Total: **850 m** – about **11 mins**

B 218/242 Little Collins St, Melbourne VIC 3000

total 0.0 km

6.	Head **east** on **Little Collins St**	go 4 m total 4 m
7.	Turn left towards **Bourke St** About 1 min	go 120 m total 120 m
8.	Turn left onto **Bourke St** About 3 mins	go 270 m total 400 m
9.	Slight right to stay on **Bourke St** About 7 mins	go 450 m total 850 m
10.	Turn right onto **Little William St** Destination will be on the right	go 54 m total 900 m

Total: **900 m** – about **12 mins**

C 500 Bourke St, Melbourne VIC 3000

total 0.0 km

11.	Head **north** on **Little William St** toward **Grice Alley**	go 56 m total 56 m
12.	Turn left onto **Little Bourke St**	go 55 m total 110 m
13.	Turn right onto **William St** Destination will be on the left	go 5 m total 120 m

Total: **120 m** – about **1 min**

D 181 William St, Melbourne VIC 3000

total 0.0 km

14.	Head **south-east** on **William St** toward **Little Bourke St** About 2 mins	go 120 m total 120 m
15.	Turn right onto **Bourke St** Destination will be on the right About 50 secs	go 79 m total 190 m

Total: **190 m** – about **3 mins**

E 550 Bourke St, Melbourne VIC 3004

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2013 Google

Directions weren't right? Please find your route on maps.google.com.au and click "Report a problem" at the bottom left.

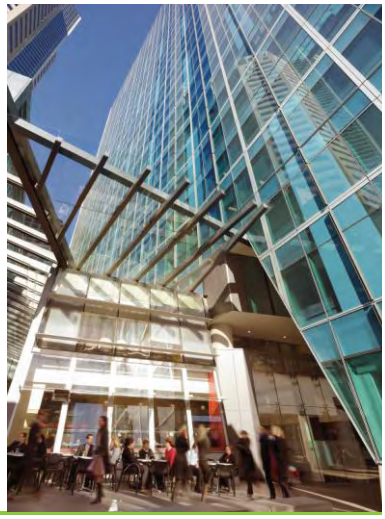
Urban Workshop, 50 Lonsdale Street, Melbourne

4 Star Green Star – Office As Built v2

The Urban Workshop comprises 29 levels of office space with a 4 storey podium 'Leisure precinct' including 2 levels of retail space and 2 levels of fitness/gymnasium accommodation. Prior to excavation, an extensive archaeological dig was undertaken to ensure that historical remains were not lost. The dig uncovered many on site artefacts, now display in the building foyer, and the project is an example where the building design and development worked to enhance the site's heritage and social history.

Project Details

Green Star project applicant:	**ISPT Pty Ltd**
Owner/s:	**ISPT Pty Ltd**
Architect/s:	**John Wardle Architects, Hassell and NH Architecture**
Major tenant/s:	**Department of Human Services (DHS)**
Net lettable area:	**62,738 square metres (33 storeys)**
Location:	**50 Lonsdale Street Melbourne, VIC**



Building Features:

- Curtain-wall glazed tower consisting of a concrete core and a steel and condek formed concrete slab structure
- 5 levels of underground car parking with cyclist facilities
- Rooftop solar hot water systems
- High frequency ballasts installed in all fluorescent fittings
- Integrated design fitout
- Carbon dioxide monitoring
- Onsite blackwater treatment plant, recycling up to 75% of the water on site and re-using water for toilet flushing
- HydroShare, a real-time predicting system which tracks excess water usage or leakages and monitors flow to save water in a leakage or burst pipe event.

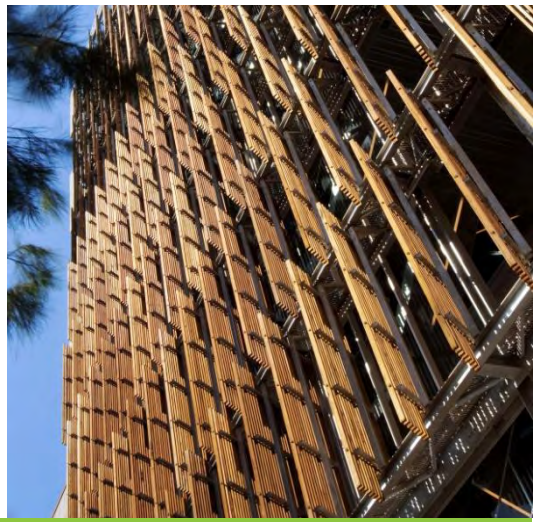
Council House 2 (CH2)

6 Star Green Star – Office Design v1 and 6 Star Green Star – Office As Built v1

Council House 2 (CH2) remains today, one of Melbourne's best Green Star icons through its innovative design and construction. The design follows a model that promotes a more interactive role between the city and nature, acting more like an ecosystem in which all parts depend on each other. The result is a highly innovative building that set the standard for green buildings in Australia, and was the first of its kind.

Project Details

Green Star project applicant:	**City of Melbourne**
Owner/s:	**City of Melbourne**
Architect/s:	**DesignInc Melbourne Pty Ltd**
Main contractor:	**Hansen Yuncken Pty Ltd**
Major tenant/s:	**City of Melbourne**
Net lettable area:	**9,373 square metres (10 storeys)**
Location:	**218-242 Little Collins Street Melbourne, VIC**



Building Features:

- High ventilation rates with air change effectiveness and carbon dioxide monitoring
- High frequency ballasts
- Appropriate lighting levels and daylight glare control
- Thermal comfort and controls
- The use of low VOC products, formaldehyde and PVC minimisation
- Installation of water efficient fittings, fixtures and sub-metering
- Blackwater treatment plant for all non-potable water demands
- Zero ODP refrigerants and insulants, and a refrigerant leak detection and recovery system
- Mining from the sewer and treatment and usage on site
- Mechanisms to prevent mould production
- Bicycle parking and the reduction of car spaces
- Installed vertical gardens and rooftop garden
- Chilled ceiling system
- Sprinkler water reclamation.

500 Bourke Street Melbourne

5 Star Green Star – Office Design v2

500 Bourke Street, Melbourne, is a leading example of a high rise CBD sustainable office refurbishment. This iconic Melbourne landmark was revamped across its office accommodation, retail space and base building services. Sustainable changes to the building include the upgrade of services and finishes, improved energy and water efficiency, indoor environment quality and resource efficiency over the life of the building.

Project Details

Green Star project applicant:	**ISPT Pty Ltd**
Owner/s:	**ISPT Pty Ltd**
Architect/s:	**John Wardles Architects (base building)** **Peddle Thorp Architects (Intergrated fitout)**
Major tenant/s:	**National Australia Bank (NAB)**
Net lettable area:	**47,000 square metres (35 storeys)**
Location:	**500 Bourke Street** **Melbourne, VIC**



Building Features:

- Fitout across 44,000 square meters of office accommodation
- Upgraded base building services to each office level
- Redeveloped ground floor foyer and retail plaza
- Maximised energy and water efficiency
- Improved indoor environment quality
- Enhanced resource efficiency.

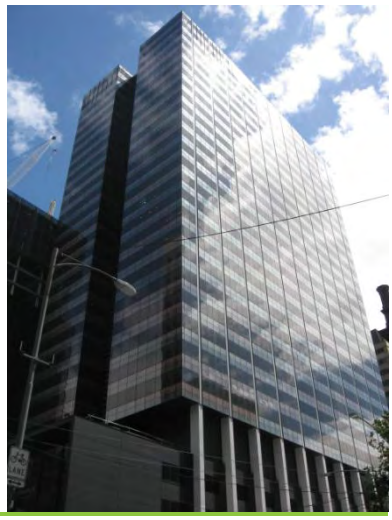
181 William Street

5 Star Green Star – Office Design v2 and 5 Star Green Star – Office As Built v2

This development mixes office and retail space across two towers and incorporates advanced infrastructure and innovative engineering services. Its environmental initiatives include the blackwater treatment plant, use of solar power and various water efficient monitors and systems to ensure that the building operates to a 5 Star Green Star 'Australian excellence' level.

Project Details

Green Star project applicant:	**Australian Super Developments Pty Ltd**
Architect/s:	**Bates Smart and SJB joint venture**
Main contractor:	**Brookfield Multiplex Australasia Pty Ltd**
Net lettable area:	**47,780 square metres (27 storeys)**
Location:	**181 William Street Melbourne, VIC**



Building Features:

- Two office towers and three basement car park levels
- Two levels of retail serving as a podium across the site with shared facilities for the two towers
- Blackwater treatment plant
- Solar domestic hot water
- Syphonic roof drainage system
- Water efficient fixtures and fittings
- Water metres and electrical sub-metering

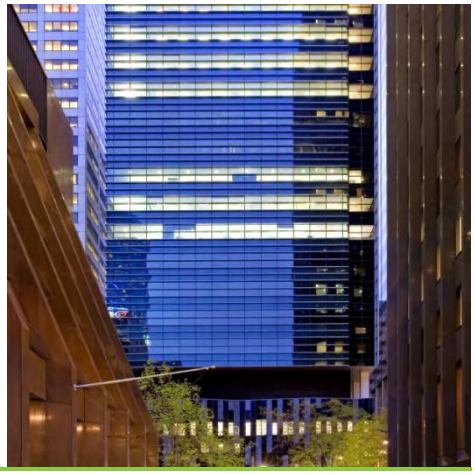
550 Bourke Street (Extension)

5 Star Green Star – Office Design v2 and 5 Star Green Star – Office As Built v2

The extension of 550 Bourke Street provided an additional 18 office storeys to the 181 William Street office towers. The additional space includes enhanced water and air conditioning systems, plus blackwater treatment facilities to reduce potable consumption.

Project Details

Green Star project applicant:	**Cbus Property Pty Ltd**
Architect/s:	**Bates Smart and SJB joint venture**
Main contractor:	**Brookfield Multiplex Australasia Pty Ltd**
Net lettable area:	**25,130 square metres (18 storeys)**
Location:	**550 Bourke Street Melbourne, VIC**



Building Features:

- Water cooled chillers with VAV re-heat air distribution system
- Hot water supplied by gas fired boilers in plant rooms
- Reduced potable water consumption through the blackwater treatment plant