

290 Park St, Fitzroy North - Option 5 (251212)

The proposed stormwater treatments provide 'deemed to comply' compliance with the minimum planning requirement for total nitrogen but does not comply with all the relevant objectives for management of stormwater flows on-site.

100%
SCORE

Project details

Name	V2: 290 Park St, Fitzroy North - Option 5 (251212)
Project ID	2364827A
Street address	290 Park St, Fitzroy North VIC 3068, Australia
Municipality	Yarra
Site area	598 m ²
Planning Number	

Flow and pollutant load reductions

Item	Result	Target	
Mean annual runoff volume (harvested or infiltrated) (%)	0%	>27%	×
Mean annual runoff volume infiltrated or filtered (%)	0%	>9%	×
Total suspended solids (%)	60%	>80%	×
Total phosphorus (%)	49%	>45%	✓
Total nitrogen (%)	45%	>45%	✓
Total gross pollutants (%)	67%	>70%	×

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Configuration 3



L4 Terrace Paved, 104m2



L4 Eastern Roof 52m2



Ground raingarden Raingarden, Area: 3 m²,
Extended detention depth: 0.1 m, Submerged zone depth: 0 m,
Site soil type: Lined

Configuration 3



L6 Roof 186m2



Rainwater Tank 1
Rainwater tank retention volume in kilolitres: 5

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Configuration 3



L4 roof garden and planter boxes Paved, 76m2



L4 planter boxes Raingarden, Area: 79.4 m²,
Extended detention depth: 0.1 m, Submerged zone depth: 0 m,
Site soil type: Lined

Catchments



L6 Roof 186m2



Impermeable Paved, 127m2



L4 Terrace Paved, 104m2



L4 roof garden and planter boxes Paved, 76m2



L4 Eastern Roof 52m2



L4 Western Roof 53.4m2

Treatments



Rainwater Tank 1

Rainwater tank retention volume in kilolitres: 5

125%



Ground raingarden

Raingarden Area: 3 m²
Extended detention depth: 0.1 m,
Submerged zone depth: 0 m, Site soil type: Lined

150%



L4 planter boxes

Raingarden, Area: 79.4 m²,
Extended detention depth: 0.1 m,
Submerged zone depth: 0 m, Site soil type: Lined

175%

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Apartments Residential Apartment, 44 bedroom(s)

Water sources	I want to calculate my water use based on fixtures and fittings
Basin taps - Primary water source	Mains water
Basin taps - Efficiency	5 star WELS rating
Showers - Primary water source	Mains water
Showers - Efficiency	3 star WELS rating (> 6 but < 7.5 litres per minute)
Clothes Washer - Primary water source	Mains water
Clothes Washer - Efficiency	5 star WELS rating
Toilets connected to mains water	25
Toilets connected to rainwater	0
Toilets connected to recycled water	0
Toilets efficiency	4 star WELS rating
Garden water use	Garden water demands are not in use

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Commercial tenancy

Non-Residential BCA Class 6 - Retail/Food, 1 employee(s)

Water sources	I want to calculate my water use based on fixtures and fittings
Basin taps - Primary water source	Mains water
Basin taps - Efficiency	5 star WELS rating
Showers - Primary water source	Mains water
Showers - Efficiency	3 star WELS rating (> 6 but < 7.5 litres per minute)
Clothes Washer - Primary water source	Mains water
Clothes Washer - Efficiency	Scope out
Urinal - Primary water source	Mains water
Urinal - Efficiency	No urinals
Toilets connected to mains water	0
Toilets connected to rainwater	1
Toilets connected to recycled water	0
Toilets efficiency	5 star WELS rating
Garden water use	Garden water demands are in use
Garden primary water source	Rainwater
Irrigated garden area supplied by	
• Mains	0 m ²
• Rainwater Tank	154 m ²
• Recycled Water	0 m ²
Garden water use efficiency	Medium

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