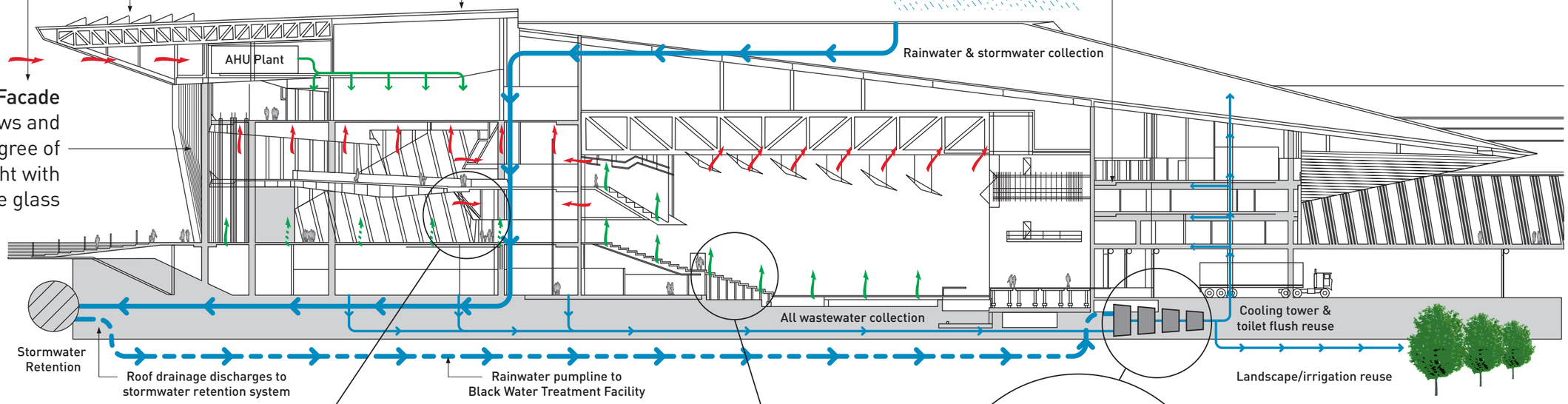
Fresh Air Rates
Improved indoor air quality due to large volumes of fresh air

Solar Hot Water
Solar panels provide 100% of public amenity hot water requirements

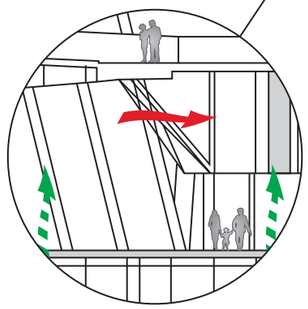
Sustainable use of Building Materials
Timber from renewable sustainable sources, materials and components have a high recycled content and minimal PVC utilisation

Low Volatile Organic Compounds (VOC)
Carpets, paints, adhesives and sealants to be low in VOC to enhance indoor air quality

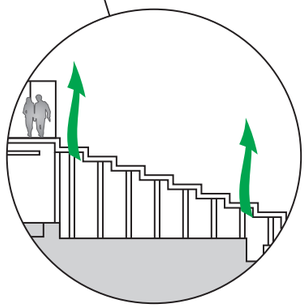
Expansive Glass Facade
Provides views and allows high degree of diffused natural light with spectrally selective glass

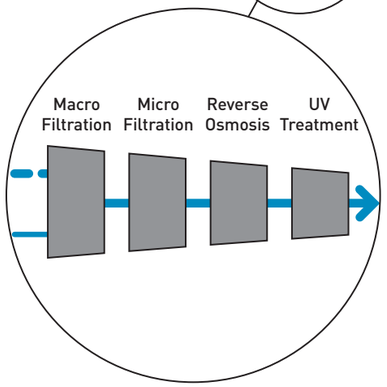


Radiant Slab Heating & Cooling
Slab heated to provide energy efficient occupant thermal comfort and reduce air conditioning requirements



Displacement Ventilation
Low level air delivery and high level air exhaust provide excellent air change effectiveness and high indoor air quality at low energy consumption





Black Water Treatment Facility
Treats wastewater, rainwater and stormwater to Grade A quality for reuse in building. Consequently reduces flow to sewer

Conditioned Air Returned Air Water

Plenary Conventions

Advanced Environmental

THE NEW MELBOURNE CONVENTION CENTRE