

Checklist

	Item No	Purpose/criteria	Has this been addressed? (Yes, No, N/A)	How has it been addressed? Or, why has it not been addressed?	Provide details of supporting documentation/reference material
Materials selection	R1	Reduce the quantity of new materials being used by reusing materials or by utilising recycled materials.	YES	Use recycled materials in the building/facility construction (such as recycled concrete for roadbase, recycled steel, recycled concrete or timber).	Specification
	R2	Encourage environmentally friendly production of materials.	YES	Use timber and composite timber products from recycled or sustainably managed sources.	Specification, General management & operations of facility, Consultant advice
	R3	Specify materials that have minimal embodied energy and environmental impact.	YES	Specify low maintenance and durable materials.	Specification
	R4	Consider the end of life of materials and the whole building, design for deconstruction.	YES	Consider the potential recyclability and reuseability of the building/facility and its components at end of life.	Architectural drawings, Construction Management Plan
Waste management	W1	Minimise the generation of wastes.	YES	Implement a waste management plan, including identification of opportunities to reduce the amount of waste being disposed of at landfill.	Construction Management Plan & General management & operations of facility
	W2	Facilitate recycling to reduce the amount of waste going to landfill.	YES	Recycle timber, concrete, bricks, cardboard and aluminium.	Construction Management Plan & General management & operations of facility
	W3	Ensure the safe storage and handling of hazardous wastes.	YES	Identify hazardous wastes and secure appropriate licences/approvals. Ensure Correct handling and storage of hazardous wastes and removal/disposal by licenced contractor to approved facility.	Construction Management Plan & General management & operations of facility

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Water consumption	H1	Reduce consumption of potable water internally.	YES	Install water efficient fixtures and fittings (AAA rating system or above) such as toilets, urinals, showerheads, taps, hoses and basins. Infrared or waterless urinals could also be considered.	Specification, General management & operations of facility, Consultant advice
	H2	Manage and monitor water usage and any leaks.	YES	Install water sub-meters for all major water uses in the building, such as cooling towers, irrigation and washdown and hot water services plus separate tenancies. Monitor main and sub-meters to detect leaks.	Specification, General management & operations of facility, Consultant advice
	H3	Reduce the quantity of potable water used for landscape irrigation.	YES	Use native (local) plants for landscaping and xeriscaping to reduce irrigation water demand.	Landscape design by McGregor Coxall
	H4	Treat water on-site and reuse the treated water to reduce demand on the local potable water supply and the demand on the local infrastructure.	N/A		
Energy use	E1	Reduce energy consumption and hence greenhouse gas emissions.	YES	Use and maintain low energy and energy efficient appliances (such as fridges, fans and printers) and ensure appliances turn off when not required.	Specification, Construction Management Plan & General management & operations of facility
	E2	Manage the use of energy to minimise consumption.	YES	Provide gas sub-metering for separate gas uses plus gas sub-metering for separate tenancies.	Specification, General management & operations of facility, Consultant advice

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Energy use continued	E3	Source energy from renewable sources.	YES	Purchase renewable or 'green' energy for use on-site.	Construction Management Plan & General management & operations of facility
	E4	Source energy from alternate energy sources and use less greenhouse intensive fuels (in particular limit diesel use).	YES	Use alternative cleaner and less greenhouse intensive fuels for cargo handling equipment, vehicles and other operational requirements (e.g. liquefied propane gas (LPG), liquefied natural gas (LNG), compressed natural gas (CNG), fuel cells and biofuel).	Construction Management Plan & General management & operations of facility
Transportation	T1	Encourage the use of alternative modes of transport by employees, in order to reduce the amount of inefficient/ individual car travel and therefore greenhouse gas emissions.	YES	Limit the number of car parking spaces available.	Construction Management Plan & General management & operations of facility
	T2	Reduce greenhouse gas emissions from operational vehicles and equipment.	YES	Coordinate trucks to avoid unnecessary truck movements and idling.	Construction Management Plan & General management & operations of facility
Indoor environment	IE1	Improve the quality of indoor air to protect the health of employees and enhance productivity.	YES	Use low-VOC paints (or no paints), low-VOC carpets (or no carpets), low-VOC sealants/adhesives (or no sealants/adhesives) and low-formaldehyde wood composite (or no wood composite).	Construction Management Plan & Specification
	IE2	Optimise daylighting and make best use of artificial lighting to assist eye health and productivity.	YES	Design windows to maximise daylighting and views to provide a connection with the outside environment.	Architectural drawings & Design Report

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IE3	Provide optimum acoustical environment for productivity and to prevent ear damage.	YES	Minimise sound disturbance in workspaces from internal equipment/ systems.	Construction Management Plan & General management & operations of facility
EM1	Protect the ozone layer and reduce the potential for global warming.	YES	Avoid using Ozone Depleting Substances (ODS) such as refrigerants or insulants.	Construction Management Plan & General management & operations of facility
EM2	Limit the generation of air pollutants and ensure that they are emitted away from sensitive receptors.	YES	Implement dust (and other airborne particle) mitigation measures during construction and operation. Include earthworks, site haul roads and public roads. Employ measures for the clean up of any spills.	Construction Management Plan & General management & operations of facility
EM3	Minimise odours.	YES	Prevent odour pollution from construction and operations. Monitor odours regularly.	Construction Management Plan & General management & operations of facility
EM4	Minimise noise nuisance.	YES	Monitor noise levels during construction and operation.	Construction Management Plan & General management & operations of facility
EM5	Avoid light spill into night sky or neighbouring properties/areas.	YES	Ensure that no direct beam of light is directed beyond the site boundaries or upwards without falling directly on a surface with the explicit purpose of illuminating that surface. Use enclosed light fittings designed to minimise the spread of light above the horizontal.	Construction Management Plan & General management & operations of facility. Lighting report by Tim Barry
EM6	Avoid accidental contact with hazardous or poisonous goods.	YES	Separate hazardous goods and poisons during construction and operation.	Construction Management Plan & General management & operations of facility

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Water quality	HQ1	Manage stormwater to reduce peak stormwater flows and protect water quality.	N/A		
	HQ2	Manage water quality to protect the harbour and other water bodies.	YES	Identify potential sources of land-based water pollution such as truck washing, waste and cargo/oil transfers. Implement and maintain measures to minimise these (e.g. oil separators and gross pollutant traps).	Construction Management Plan
	HQ3	Prevent damage from potential flood events and water table changes.	YES	Assess the site for flood risk and potential water table changes. Implement appropriate mitigation measures.	Construction Management Plan
Land use	L1	Encourage the redevelopment of sites that have previously been developed and remediate contaminated land.	YES	Assess the site for potential contamination and propose and implement a remediation strategy as appropriate.	Construction Management Plan
	L2	Use landscaping to enhance biodiversity and conserve and create habitat for flora and fauna.	YES	Use local native species for landscaping which are adapted to the local climate and encourage native fauna.	Landscape design by McGregor Coxall
	L3	Enhance visual amenity.	YES	Design landscaping to enhance the existing amenity (using trees, shrubs, green space etc) and take the surrounding landscape character into consideration.	Landscape design by McGregor Coxall
	L4	Avoid impact on identified heritage items.	YES	Identify any protected heritage items on the site and ensure their protection or relocation.	Heritage report by GML

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Environmental management	M1	Maintain good relationships with stakeholders and respond to any complaints.	YES	Identify and consult with stakeholders about environmental issues.	Ongoing consultations and meeting with PANSW and stakeholders
	M2	Provide a framework for identifying, managing and minimising environmental impacts, and maximising environmental benefits.	YES	Comply with relevant planning and environmental legislation.	Construction Management Plan
	M3	Educate developers, tenants and employees about ESD and how to improve sustainability.	YES	Include a Green Star/ESD professional in design and construction teams.	ESD Report by Steensen Varming. General management & operations of facility

