



**CURTIN CENTRAL PTY LTD**

# **Sustainability Statement**

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Prepared by Stantec Australia Pty Ltd

2 November 2020

Enquiries: Prasanna Suraweera  
Project No: 47764

Exal Group Pty Ltd  
38/11 Preston Street,  
COMO WA 6152

Attention: Dr. Bay Yeo

Dear Bay

**RE: Sustainability Statement for Curtin Central Student Accommodation in Response to the City of South Perth Local Planning Policy P350.01**

In this regard we confirm that we have been engaged as the Sustainability consultants for the project and will be responsible for the delivery of the Sustainability objectives, specifically the target of a formal 4 star Green Star rating.

The ESD team will be led by Prasanna Suraweera, who is an accredited Green Star Professional and head of the Sustainability department within Stantec. It is confirmed that Prasanna has been engaged prior to concept planning stage and will be involved in and contribute till project completion.

The proposed approach for delivery is as follows:

- **Performance Requirement:** Target a minimum certified 4 star Green Star Design and As Built rating performance (i.e. minimum 45 points).
- **DA Phase Deliverables:**
  - Preliminary statement of compliance to be provided by a practicing Green Star Accredited Professional (GSAP) confirming intent to comply with above performance requirement (this document).
- **Working Drawings Phase Deliverables:**
  - Statement of compliance to be provided by a practicing Green Star Accredited Professional (GSAP) confirming compliance with above performance requirement.
  - Supporting documents including the following.
    - i. GBCA Project Registration Certificate
    - ii. Green Star Pathway
- **Post Practical Completion Phase Deliverables:**
  - As Built certification from the GBCA

- **Clarifications:**

- Timing of formal Green Star As Built rating may not align with Building permit or Project PC.
  - i. Green Star As Built certification is typically only achieved 6 to 12 months post Practical Completion

In this regard, the following indicative Green Star Pathway (attached) has been developed to meet these objectives. Whilst the final performance commitment is confirmed, it is noted that this strategy is preliminary in nature (as at Development Application stage) and will be subject to further review and design development in the coming detailed design phase of the project.

I trust this satisfies your requirements, please contact me should you have any further queries.

Yours sincerely

**Stantec Australia Pty Ltd**



**Prasanna Suraweera**  
**Sustainability Section Manager, Principal, Australian Discipline Leader**

# 1. Appendix A



Category	Credit Number	Credit Name	Credit Criteria	Credit description	Targeted	Total Points Available	Points Achievable	Risk Level	Cumulative Points	PM/Client	QS	Arch	Head Contractor	Mech	Elec	Hydr	Acoustic	Landscape	Structural	Civil	Fire	ESD	
Man	2.3	<b>Commissioning and Tuning</b>	Building Systems Tuning	1 point is available where a tuning process is in place that addresses all nominated building systems.	Yes	1	1	Low	4.0	!				!	!	!							
Man	3.1	<b>Adaptation and Resilience</b>	Implementation of a Climate Adaptation Plan	2 points are available where: - A project specific climate adaptation plan has been developed in accordance with a recognised standard; and - Solutions have been included into the building design and construction that specifically address the risk assessment component of the adaptation plan.	Yes	2	2	Low	6.0	!	!			!	!	!							!
Man	4.1	<b>Building Information</b>	Building Information	1 point is awarded where: 1. Comprehensive operations and maintenance (O&M) information is available to the facilities management team. Compliance may be demonstrated with one document that includes operations and maintenance information (in accordance with 4.0.1) and the building log book information (in accordance with 4.0.2), or a number of separate documents that contain the same information. 2. Current building user information is available to all relevant stakeholders, in accordance with 4.0.3 and 4.0.4. For additional detail on the content of building user information, please see the Guidance section.	Yes	1	1	Low	7.0						!								!
Man	5.1	<b>Commitment to Performance</b>	Environmental Building Performance	1 point available where there is a commitment to set targets and measure results for environmental performance.	Yes	1	1	Low	8.0	!													!
Man	5.2	<b>Commitment to Performance</b>	End of Life Waste Performance	1 point is available where there is a commitment to set targets and measure results that minimise construction waste from end of life of interior fitouts or other building attributes.	Yes	1	1	Low	9.0	!													
Man	6.0	<b>Metering and Monitoring</b>	Metering	To qualify for points under this credit it is a conditional requirement that accessible metering be provided to monitor building energy and water consumption, including all energy and water common and major uses, and sources. The metering is to be accurate and to inform energy consumption practices and reduce wasted energy.  Separate energy metering required for any single item or group of systems which exceeds 5% or 100kW (whichever is smaller) of the total energy uses for both electricity and natural gas.  Separate water metering required for any single item or group of systems which exceeds 10% of the total water uses.  All non-utility meters must follow the rules outlined in the Validating non-utility meters for NABERS rating protocol.	Yes	Pre-requisite	Yes	Low	9.0					!	!	!							!









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Ene	15E.1B	<b>Greenhouse Gas Emissions</b>	Comparison to a Reference Building Pathway	The remaining 16 points are awarded for reducing emissions against the Benchmark Building (16 points). In order for GreenPower contracts to be rewarded, the project must demonstrate that a supply contract is in place for a minimum period of ten years after the building's practical completion. Where a project enters into a contract for a period less than ten years, the emissions reduction benefit will be prorated; at this time, no benefit is given for periods greater than ten years. The maximum benefit that can be derived from accredited GreenPower® products is limited to the number of points awarded for GHG emissions reduction due to the building design improvements alone. Hence full points for this credit involving GreenPower will only be able to be achieved by buildings which have already achieved at least 50% emission reduction below the Benchmark Building. This calculation is performed by the Greenhouse Gas Emissions Calculator.	Yes	16	3	High	28.0	!				!	!							!
Ene	16B	<b>Peak Electricity Demand Reduction</b>	Performance Pathway - Reference Building	Up to 2 points are available where it is demonstrated that the project's predicted peak electricity demand has been reduced below that of a Reference Building: - 0-10%: 0 point - 20% : 1 point - 30%: 2 points	Yes	2	1	High	29.0													!
Tra	17B.3	<b>Sustainable Transport</b>	Low Emission Vehicle Infrastructure	1 point is available where parking spaces and/or dedicated infrastructure is provided to support the uptake of low-emission vehicles.	Yes	1	1	NA	30.0	!	!											!
Tra	17B.4	<b>Sustainable Transport</b>	Active Transport Facilities	1 point is available where bicycle parking and associated facilities are provided to regular building occupants and visitors	TBC	1	1	NA	31.0													!
Wat	18A.1	<b>Potable Water</b>	Potable Water - Performance Pathway	Up to twelve (12) points are awarded where it is demonstrated that the building's predicted potable water consumption has been reduced below that of a Reference Building demonstrated with the Potable Water Calculator provided by the GBCA. This credit addresses the potable water consumption from the use of sanitary fixtures, appliances, HVAC, irrigation systems, and swimming pools (where present).	Yes	12	3	Low	34.0		!			!	!		!					!





