

Appendix 4 – Mitigation Measures

This table identifies the mitigation measures for the project (excluding any mitigation measures that are built into the physical layout and design of the project and captured in the project description) as required by the *State Significant Development Guidelines – Preparing and environmental Impact Statement – Appendix B to the State Significant Development Guidelines December 2021*.

Issue	Mitigation Measures
Crime Prevention	The development will implement the recommendations of the Crime Prevention Through Environmental Design Report prepared by Barker Ryan Stewart (Appendix 38): The key recommended strategies include those summarised below.
Public domain and Landscaping Tree Protection	Tree protection measures are to be implemented in accordance with the recommendations of the Tree Protection Plan prepared by Raintree Consulting (Appendix 21).
Wind	The development will implement the recommendations of the Wind Report prepared by Windtech at Appendix 32 .
Reflectivity	The development will implement the recommendations of the Solar Light Reflectivity Study prepared by Windtech at Appendix 31 .
Lighting	<p>The detailed lighting design will comply with the following standards:</p> <ul style="list-style-type: none"> • AS/NZS 1158.3.1 – Pedestrian Area Lighting Performance and Design Requirements • AS/NZS 4282 – Control of the Obtrusive Effects of Outdoor Lighting • BCA Part J6 2019
ESD	The sustainability targets and commitments set out in the BASIX Certificate prepared by E-Lab at Appendix 18 will be implemented.
Social Impact	<p>Notices were distributed to the broader community during the preparation of the application inviting the community to attend a webinar explaining the project proposal. Select government authorities were engaged during the preparation of the application. There will be more opportunities for the community and relevant government authorities to provide more feedback during the community consultation process.</p> <p>Ongoing meetings with residents of surrounding residents will be offered to build strong relationships, monitor social impacts and respond to any concerns that may emerge during construction and operation.</p>

Issue	Mitigation Measures
<p>Water and soil quality</p> <p>Groundwater</p> <p>Salinity</p>	<p>The recommendations of the Geotechnical Report prepared by Foundation Earth (Appendix 10).</p> <p>The recommendations of the Hydrological Report prepared by Foundation Earth (Appendix 12).</p> <p>Soil and erosion control measures will be implemented in accordance with the soil and erosion control plan prepared by SGC.</p>
<p>Water Sensitive Urban Design/Water Quality</p>	<p>Water quality treatment measures are to be implemented in accordance with the recommendations of the Civil Plans and Civil Report prepared by SGC (Appendices 23 and 24).</p>
<p>Contamination</p>	<p>The recommendations of the PSI prepared by Foundation Earth will be implemented (Appendix 9).</p>
<p>Acoustic Design</p>	<p>The acoustic recommendations of the Noise and Vibration Impact Assessment prepared by Pulse White Noise Acoustics at Appendix 16 will be implemented during construction and the ongoing operation of the development.</p>
<p>Noise and Vibration</p>	<p>A Construction Noise and Vibration Plan of Management will be prepared prior to the commencement of works and include the following:</p> <ul style="list-style-type: none"> • Place as much distance as possible between the excavation work and the surrounding pedestrians/properties. Distance is one of the most effective mitigation measures against vibration. In this instance, the property has 3x street frontages which limits the quantum of residential receivers located immediately adjacent to the proposed works. • Organise high impacting operations so as not to occur in the same time period. • Conduct lower impact methods wherever possible. • Operate excavator hammering in short bursts only, to reduce amplification of vibrations and the rise of noise.
<p>Transport</p>	<p>All recommendations of the Transport and Accessibility Impact Assessment (Appendix 13) and Green Travel Plan (Appendix 14) prepared by Varga are to be implemented.</p>
<p>Servicing and Waste</p>	<p>Operational waste will be managed in accordance with the Waste Management Plan prepared by Dickens Solutions (Appendix 20)</p>
<p>Aboriginal Cultural Heritage</p>	<p>The recommendations of the Aboriginal Cultural Heritage Assessment Report prepared by Artefact (Appendix 30) will be implemented.</p>
<p>Utilities</p>	<p>Utilities will be provided in accordance with the recommendations of the Infrastructure Management Plan prepared by SGC at Appendix 26</p>
<p>BCA/Access</p>	<p>The development is to comply with the relevant provisions of the BCA, either by complying with the prescriptive requirements or via a performance-based approach.</p>

