

## Environmental Risk Assessment

St Aloysius' College – Plan Magis

Item	Phase	Impact	Proposed Mitigation	Significance of Impact	Manageability Impact	Residual Impact
<b>C = Construction</b>						
<b>O = Operation</b>						
<b>Traffic</b>	C	Increase of construction traffic on the local road network.	<ul style="list-style-type: none"> <li>A Construction Traffic Management Plan has been prepared detailing measures to minimise any adverse impacts arising from anticipated construction traffic.</li> </ul>	C - 3	C - 3	6 (Medium)
<b>Noise and Vibration</b>	C	Increased noise impacts during the operation of the College.	<ul style="list-style-type: none"> <li>Preparation and implementation of Construction Noise and Vibration measures.</li> <li>Appropriate mitigation measures implemented to ensure vibration levels does not affect human comfort or result in building damage. The College will continue to operate throughout the construction and will need to ensure an appropriate learning environment is proposed, therefore requiring reduced noise.</li> </ul>	C - 3	C - 2	5 (Low/Medium)
	O	Increase in noise levels during the operation of the school building.	<ul style="list-style-type: none"> <li>Appropriate sound minimisation measures to be incorporated within the rooftop terrace and plant and mechanical areas.</li> </ul>	O - 1	O - 1	2 (Low)
<b>Heritage</b>	C + O	Potential impacts on identified existing heritage items and significance	<ul style="list-style-type: none"> <li>The proposed development has been designed to have negligible impact on the identified heritage items.</li> </ul>	C - 2 O - 1	C - 2 O - 1	C - 4 (Low/Medium) O - 2 (Low)

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			<ul style="list-style-type: none"> <li>Where there is potential for impacts for the Site's heritage significance, the recommendations provided in the accompanying Heritage Impact Statements prepared by NBRIS will be implemented.</li> </ul>			
	C	Disturbance of archaeological remains.	<ul style="list-style-type: none"> <li>The potential for archaeological remains to be located within the site is considered to be very low.</li> </ul>	C – 1	C – 1	2 (Low)
<b>Built Form and Urban Design</b>	O	Visual Impact of the proposed development when viewed from the public domain and adjoining properties.	<ul style="list-style-type: none"> <li>The building has been sited and incorporated design mechanisms to reduce height and bulk, within the context of the operational requirements of the College and the existing constraints of the Site.</li> </ul>	O – 3	O -2	5 (Low/Medium)
<b>Amenity of Adjoining Residents</b>	O	Potential Privacy impacts and overlooking on adjoining residential properties.	<ul style="list-style-type: none"> <li>The built form, incorporated with proposed landscaping, has been designed to minimise overlooking.</li> </ul>	O – 3	O – 3	6 (Medium)
	O	Potential overshadowing of adjoining properties	<ul style="list-style-type: none"> <li>The proposed built form, combined with the east west orientation, has been designed to minimise overshadowing impacts.</li> </ul>	O – 3	O – 3	6 (Medium)
	O	Loss of Views	<ul style="list-style-type: none"> <li>The building envelopes proposed with the overall Concept Master Plan are considered to be sensitive to maintaining any existing views. Where any views from the Site or the surrounding area.</li> </ul>	O – 3	O – 3	6 (Medium)

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<b>Trees</b>	C	Potential Impact on Flora and Fauna	<ul style="list-style-type: none"><li>Tree protection zones and fencing to be established during construction.</li></ul>	C – 4	C -3	C – 7 (High/Medium)
<b>Air and Water Quality</b>	C	Potential for reduced air and water quality during construction.	<ul style="list-style-type: none"><li>Management of dust emissions will form part of the Construction Management Plan.</li></ul>	C = 2	C = 2	4 (low/medium)