



APPENDIX E: MITIGATION MEASURES TABLE

New Eileen O'Connor Catholic School –
SSD - 67173718

84 Gavenlock Road, Mardi
Catholic Schools Broken Bay

planning today, shaping tomorrow

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A	A. Näreneva	P. Smith	Client/DPHI	14/05/2025
B	A. Näreneva	P. Smith	Client/DPHI	02/06/2025
C	A. Näreneva & P. Smith	S. Earp	DPHI	04/07/2025
D	A. Näreneva & P. Smith	S. Earp	DPHI	09/07/2025

Appendix E – Mitigation Measures

The following table provides a consolidated summary of all detailed mitigation measures in response to the environmental impacts identified in **Section 6** of the Environmental Impact Statement (EIS). The table includes a reference to the technical or other source of the mitigation measure commitment. Following the implementation of the mitigation measures as recommended, it is determined that the proposal will not result in any significant adverse impacts on the surrounding environment.

Table 1 Mitigation Measures		
Environmental Impact	Mitigation Measures	EIS Section and/or Appendix
Trees	<ul style="list-style-type: none"> Implementation of tree protection measures as set out in Arborist Report Tree removal to be undertaken by a fully insured arborist with a minimum AQF level 3 qualification in arboriculture Tree removal works must be undertaken in accordance with Safe Work Australia's – <i>Guide to Managing Risks of Tree Trimming and Removal Work</i> Stump grinding must not be performed within 3.5 metres of any retained tree Replacement tree planting must include species with a height of at least 8m, in a minimum container size of 45 litres with a minimum 3m specimen Follow tree, turf and planting preparation details set out in Landscape Plans 	Section 6.5 Appendix N
Ecologically Sustainable Development	<ul style="list-style-type: none"> Strategies to reduce impacts from pollution and improve environmental amenity for students and staff will be supported by a design that has considered future climate change adaptation needs. The proposed development is designed to achieve 5 Star Green Star certification and incorporates design measures that will improve the indoor environment to enhance health and wellbeing for staff and students. Measures include use of zero ozone depleting refrigerants, best practice PVC and low impact paints, sealants and adhesives, alongside provision of endemic plantings connecting the building to its environment. Section 6.5, the landscape design (Appendix L) includes planting of endemic native vegetation and retention of established native vegetation, water quality and quantity measures are being implemented as set out in Section 6.13, which will result in a neutral or improved outcome as a result of the development. The landscaping design aims to conserve and support the local biological diversity and integrity within the parameters of a predominantly greenfield site being transformed for urban use. Sustainable design and operational measures have been included in the proposed development and will be embedded in the operational management and use of facilities. Strategies to monitor energy consumption and to change consumption behaviours will be supported using: 	Section 6.6 Appendix Q
Civil Road Design	<ul style="list-style-type: none"> Sediment and soil erosion control measures for the proposed public domain works are detailed in the Public Domain Works Plans Implementation of soil erosion and sediment control measures as outlined in the Civil and Stormwater Plans (Appendix CC). 	Section 6.8 Appendix DD
Traffic, Transport and Accessibility	<ul style="list-style-type: none"> Kiss and Drop Management Plan must be prepared and implemented by the school to manage the flow of vehicles dropping off or picking up students from the school 40km/hr school zones must be applied to Keefers Glen during specific times of day Implementation of Green Travel Plan, including annual review of conditions 	Section 6.7 Appendix R
Biodiversity	Nil	Section 6.9 Appendix O

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Noise and Vibration	<p><u>Operational Noise</u></p> <ul style="list-style-type: none"> A detailed acoustic review of all building services and plant is required prior to installation to ensure that the noise level does not exceed the background noise level by more than 5dBA. A review of the proposed public address / school bell system once the final location of the speakers is determined to ensure that the noise levels at surrounding residents does not exceed the background noise level by more than 5dBA. Maintenance activities and waste collection must be scheduled to occur between 7am and 6pm Monday to Friday and 8am to 1pm on Saturdays. When occasional after-hours activities are occurring, it is recommended to keep windows closed. <p><u>Construction Noise and Vibration</u></p> <ul style="list-style-type: none"> Preparation of a Construction Noise and Vibration Management Plan including the mitigation measures set out in Section 9.7 & 9.8 of the Acoustic Assessment. 	Section 6.10 Appendix U
Ground and Water Conditions	<ul style="list-style-type: none"> Further testing of dam water is required to establish appropriate de-watering strategy, likely to be disposed of off-site. Detailed mitigation measures in Section 8.1 of Surface and Groundwater Impact Assessment (Appendix HH) for construction phase to be incorporated into Construction Environmental Management Plan. Prior to any works commencing on site, sediment and erosion control measures shall be implemented in accordance with the erosion and sediment control plans prepared by James Taylor and Associates and the requirements of Landcom's 'Blue Book'. 	Section 6.11 Appendix W Appendix BB Appendix HH
Water Management	<ul style="list-style-type: none"> Implementation of soil erosion and sediment control measures as outlined in the Civil and Stormwater Plans (Appendix CC). 	Section 6.13 Appendix PP
Flooding Risk	<ul style="list-style-type: none"> Adoption and ongoing implementation of Flood Emergency Response Plan. 	Section 6.14 Appendix EE
Hazards and Risks	Nil	Section 6.15
Contamination and remediation (including Dam Dewatering)	<ul style="list-style-type: none"> Data Gap Investigations to be carried out following demolition of playing courts and structures. Site remediation to be undertaken in accordance with the recommendations to the RAP. Review and approval of the final DSI and RAP by an EPA Accredited Site Auditor prior to remedial works commencing. Preparation of Construction Environmental Management Plan (CEMP) by the remediation contractor prior to the remedial works commencing, which must consider the requirements the site management plan presented in the RAP and must include detailed contingency plans. Validation of the remediation works is required to be documented in a Validation Report confirming that the works have been undertaken in accordance with the RAP and certifying the suitability of the site for the proposed development. The Validation Report is to be reviewed and approved by an EPA Accredited Site Auditor. Preparation of a Section A Site Audit Statement and accompanying Site Audit Report by an EPA Accredited Site Auditor confirming the suitability of the site for the proposed use, as well as any long-term management requirements. An unexpected contamination finds protocol is required to be prepared as part of the CEMP. 	Section 6.12 Appendix V Appendix W Appendix X Appendix Y Appendix Z Appendix MM Appendix NN

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Waste Management	<ul style="list-style-type: none"> All materials must be classified for disposal in accordance with the relevant regulatory requirements including the NSW EPA Waste Classification Guidelines. Such classification may indicate the need for segregation of materials prior to disposal. An unexpected finds protocol is to be prepared in the event that any hazardous materials are uncovered during the works. 	Section 6.16 Appendix PP
Aboriginal Cultural Heritage	<ul style="list-style-type: none"> No further archaeological assessment is required for the site prior to the commencement of proposed development activities. It is recommended that consideration is given to the installation of an acknowledgement to the traditional Aboriginal owners of the land. This could be addressed in the future through the Connecting to Country component of the project. The proposed development works must be contained within the assessed boundaries for this project. If there is any alteration to the boundaries of the proposed development to include areas not assessed as part of this archaeological investigation, further investigation of those areas must be completed to assist in managing Aboriginal objects and places which may be present in an appropriate manner. Should unanticipated Aboriginal archaeological material be encountered during site works, all work must cease in the vicinity of the find and an archaeologist contacted to make an assessment of the find and to advise on the course of action to be taken. Further archaeological assessment and Aboriginal community consultation may be required prior to the recommencement of works. Any objects confirmed to be Aboriginal in origin must be reported to Heritage NSW. In the unlikely event that suspected human remains are identified during construction works, all activity in the vicinity of the find must cease immediately and the find protected from harm or damage. The NSW Police and the Coroner's Office must be notified immediately. If the finds are confirmed to be human and of Aboriginal origin, further assessment by an archaeologist experienced in the assessment of human remains and consultation with both Heritage NSW and the RAPs for the project would be required. One digital copy of this report will be forwarded to Heritage NSW for inclusion on the Aboriginal Heritage Information Management System (AHIMS). One copy of this report will be forwarded to each of the registered Aboriginal stakeholders for the project. 	Section 6.17 Appendix II
Environmental Heritage	Nil	Nil
Social Impact	The SIA includes a review of all proposed mitigation measures required to address matters relevant to social impact, and these measures are already incorporated into the existing supporting material, as summarised in Appendix E	Section 6.19 Appendix KK
Infrastructure requirements and utilities	Nil	Section 6.20 Appendix LL
Bush Fire Risk	<ul style="list-style-type: none"> Area between buildings and boundary to be managed as an Inner Protection Area (and extending to 42m to the east and south) Mature tree canopy must be less than 15% at maturity, trees must not touch or overhang the building, low limbs will be removed up to a height of 2m above ground, canopies must be separated by 2-5 metres, preference will be given to smooth barked and evergreen trees. 	Section 6.21 Appendix P

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	<ul style="list-style-type: none"> Shrubs must not form more than 10% of ground coverage, must not be located under trees, must be separated by large gaps, and must be separated from exposed windows and doors by a distance of at least twice the height of the vegetation New landscaping is to comply with PBP 2019 Appendix 4 All fences and gates constructed of non-combustible materials Water and electricity supplies must comply with the acceptable solutions of PBP 2019 table 6.8c and relevant Australian Standards A Bush Fire Emergency Management and Evacuation Plan must be prepared. 	
Construction, operation and staging	<ul style="list-style-type: none"> Prepare a Construction Management Plan prior to commencement of works 	Section 6.22 Appendix T
Crime Prevention Through Environmental Design	Nil	Section 6.24
BCA and Accessibility Compliance	<ul style="list-style-type: none"> Compliance with the recommendations in the Access report will ensure the design is consistent with the relevant legislative and design framework for people with a disability. 	Section 6.25 Appendix K Appendix L
Authority Approvals	<ul style="list-style-type: none"> The consent of Central Coast Council will be obtained through and approval under Section 138 of the Roads Act 1993 	