

Appendix 2

Updated Mitigation Measures

Potential Impact	Approach	Amendment Report Ref.
Noise and Vibration	• Selection of the quietest plant/activity available (or retrofit acoustic treatment to the plant such as residential class mufflers) to minimise any NML exceedances • If any residual exceedances, investigate the use of additional barriers to screen the affected receivers. It is noted that solid hoarding are proposed along the whole perimeter of the site • If any remaining residual significant exceedance, investigate time restrictions (e.g. avoiding loud early morning works at the residences) and notification of affected receivers when works likely to exceed the NML's is likely to occur • Façade complying construction presented in Section 8.2 is to be adopted during the design stage • During construction stage, acoustic barriers (e.g, plywood hoarding) with minimum height of 1.8m to be installed to the northwest of the site along Cowan Road to provide noise attenuation	Appendix 8
Contamination	• Implementation of the RAP prepared by GNSE Services Pty Ltd and the completion of remediation and validation works to ensure the site is suitable for the proposed development	Appendix 12 and Appendix 15
Aboriginal Cultural Heritage	• Recommendations – General Measures • Aboriginal objects are protected under the NPW Act regardless of whether they are registers on AHIMS or not. If suspected Aboriginal objects, such as stone artefacts or culturally modified trees, are located during future works, works must cease in the affected area and an archaeologist called in to assess the finds. If the finds are found to be Aboriginal object, Heritage NSW must be notified under section 89A of the NPW Act. Appropriate management and avoidance or approval under a section 90 AHIP should then be sought if Aboriginal objects are to be moved or harmed. • In the extremely unlikely event that human remains are found, works should immediately cease, and the NSW Police should be contacted. If the remains are suspected to be Aboriginal, Heritage NSW may also be contacted at this time	N/A

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	to assist in determining appropriate management	
Geotechnical	- Dilapidation surveys of adjacent properties and infrastructure - Preparation of a geotechnical monitoring plan (GMP) to satisfy RMS requirements - Inclinometer installation and monitoring during construction to satisfy RMS/Rail Corp - Requirements (RMS to confirm if this is required) - Temporary working platform assessment - Footing and shoring pile inspections during construction	N/A
Traffic	Visitor Parking - Proposal provides for 10 visitor parking spaces (Short of the DCP minimum 19). The report considers this sufficient given location to St Ives Shopping Village and linked trip behavior Bicycle Parking - Provide 74 resident and 7 visitor spaces to meet DCP requirements Construction Traffic Management - Truck movements to use State and Regional roads to minimise local impacts - No queueing of heavy vehicles on surrounding streets unless approved by Council/TfNSW - All materials to be loaded/unloaded and stored within the site boundary - Construction workers encouraged to use public transport or carpool; on-site tool drop-off/storage provided - Temporary fencing along site perimeter; trucks escorted under supervision of on-site personnel to ensure pedestrian safety - Notification letters to neighboring properties at least 14 days before works commence. - Contractor responsible for ensuring road pavement, kerbs, gutter and footpath remain in clean/serviceable state at no cost to Council.	Appendix 11
Pedestrian Wind Environment	- Inclusion of densely foliating vegetation or a wind screen with a height of at least 1.5m along the perimeter of Level & Communal terrace and inclusion of the central planters within the terraces - Inclusion of 1.8m tall 50% porous screens along the shorter aspects of corner terraces on Level 8	N/A

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Access	- Compliance with Silver Level LHA requirements - Compliance with adaptable housing standard AS4299 requirements - Compliance with the BCA clauses and Australian Standards reference in Section 6.1.1 of the Access Design Review (Appendix 25)	Appendix 20
ESD	Heat Island effect To mitigate the Urban Heat Island effect (UHI) the development has incorporated the following: 1,306m² of Landscaped area - Extensive tree canopy cover on ground level - Light colored roof and pavement for trafficable areas	N/A
Construction Noise and Vibration	Noise - These include installation of 1.8m high acoustic barriers along Cowan Road, - use of quieter equipment where feasible, strategic scheduling of high-noise works, and - proactive community engagement and notification Vibration - A comprehensive noise and vibration management approach will be implemented and will include regular monitoring, - complaint handling procedures, - acoustic treatments, and - detailed notification plans. - Construction noise control measures will involve use of alternative, lower-noise equipment, acoustic barriers, silencing devices, and modifications to site work practices.	Appendix 8
Groundwater	- Prepare a soil and water management plan and incorporate in the CEMP. Install sediment and erosion control measures in accordance with the Blue Book (DECC, 2008). - Prepare water quality monitoring plan and incorporate in the CEMP - Storage of hazardous goods and refuelling activities to take place in bunded areas. Implement water quality monitoring program - Prepare water quality monitoring plan and incorporate in the construction environment management plan	N/A

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	• Minimise excavations below groundwater table • Minimise duration of time that excavations below the water table are open • By design, the secant piles should be effective in preventing groundwater ingress • A Construction Soils and Water Management Plan (CSWMP) would be developed as a sub plan of the Construction Environmental Management Plan (CEMP), install sediment and erosion control measures • Develop detailed risk assessments and management plans tailored to the specific site conditions. These plans should outline procedures for safely handling contaminated soil, including protocols for excavation, transport, and disposal, restrict access to contaminated areas and use barriers to prevent unauthorised entry • Where practical and space allows, adopt WSUD guidelines for drainage infrastructure (appropriate plant species selection, etc). Adopt adequate erosion and scour protection measures in the drainage design • Install impermeable liners or redesign to shallower depth stormwater basins where they may intercept groundwater	