

Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
1	Contamination	- The site is to be remediated in accordance with the strategy set out in the Remediation Action Plan for St Marys Central Park 21 Carinya Ave, St Marys NSW prepared by Douglas Partners - All remediation work shall be carried out in accordance with the guidelines made or approved by the NSW EPA under s.105 of the Contaminated Land Management Act, 1997. - Prior to remediation works commencing, the following preparatory items are to be undertaken: - Notification to SafeWork NSW to undertake the remediation must be submitted by the nominated licenced asbestos removal contractor (LARC). All persons undertaking the asbestos removal/remediation must be competent and appropriately trained, with training records available on-site; - In addition to notifying the relevant regulatory authorities and in accordance with current legislation, any neighbouring properties and persons within and surrounding an area that may be affected by the asbestos works, must be informed of the works prior to their commencement; - Sufficient and appropriate warning signs (e.g. "caution: asbestos removal") are to be erected at regular intervals around the boundaries and at entry points to the work area exclusion zone during the works (the exclusion zone is required in areas where there is known ACM contamination to be disturbed). During site establishment and setting up activities, an exclusion (buffer) zone will be established designating the areas where contractors, occupants, customers and unauthorised personnel must be excluded.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• A dedicated decontamination area is to be established at the boundary of the exclusion zone, i.e. exit point. The decontamination area shall contain all necessary Personal Protective Equipment (PPE) and decontamination equipment, i.e. masks, respirators, disposable coveralls, gloves (Type 5, Category 3 minimum), gloves, and 200µm polythene labelled asbestos waste bags for disposal of waste PPE. A mobile decontamination unit with wash facilities is required for any asbestos works deemed as friable; • Fencing or barricading must be in place around the boundaries of the exclusion zone and its integrity maintained for the duration of the works; • An inspection by the supervising licensed asbestos assessor/hygienist is to be undertaken prior to the commencement of any works to confirm that the asbestos work area has been adequately set up; and • A site induction must inform workers of the presence of asbestos, the related risks and controls in place to manage the risks and any other general information relating to asbestos as seen appropriate. A more detailed induction / training process must be implemented for all workers expected to come in direct contact with and/or disturbance of asbestos.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Any variations to the Remediation Action Plan must be approved in writing by the Accredited Site Auditor and Penrith City Council prior to the commencement of such work. - The remediation works are to be undertaken under the supervision of a suitably experienced and accredited environmental consultant. - Following completion of the remediation works a Site Validation Report is to be prepared by a suitably experienced and accredited environmental consultant (CEnvP SC or equivalent as approved by the NSW EPA and in accordance with the NSW EPA Guidelines for Consultants Reporting on Contaminated Sites) and submitted to the determining authority / Penrith City Council City of Parramatta to demonstrate that the site is suitable for the ongoing recreational use. - Following completion of the remediation works and prior to commencing any works associated with the upgrade works (excluding any works directly relating to remediation) a Site Audit Statement (SAS) is to be obtained from a NSW EPA Accredited Site Auditor and submitted to the determining authority / Penrith City Council . The SAS must confirm that the site has been remediated in accordance with the Remediation Action Plan and clearly state that the site is suitable for the proposed use as a public park, subject to implementation of the LTEMP. - In the event of an unexpected discovery of any residual hazard such as stained, odorous material, or unidentified infrastructure such as underground storage tanks (USTs), the unexpected finds procedure set out in the Remediation Action Plan prepared by Douglas Partners is to be implemented.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- In order to ensure the ongoing management and integrity of the remedial works, a Long-Term Environmental Management Plan (LTEMP) is to be prepared and implemented and is to include, but not necessarily be limited to: - Requirements for the passive management of the capping system, focusing on maintaining the capping layers to minimise the potential of exposure to the underlying fill; - Contingencies for managing intrusive works in the event that the capping layers are breached. - The LTEMP must operate independently from the CEMP and in order to ensure compliance with the notification and enforcement mechanisms: - The LTEMP is to be the subject of an 'environmental hazard' notation on the Planning Certificate under Section 10.7(2) & (5) of the Environmental Planning and Assessment Act, 1979. The notation must identify that the site is subject to and being operated and maintained in accordance with a LTEMP. - The Penrith City Council must accept and agree that Central Park St Marys will be operated and maintained in accordance with the LTEMP and any other conditions or requirements imposed on the Site Audit Statement (SAS). - At the completion of the remediation work, as the site will be subject to a LTEMP, in accordance with the Penrith City Council's Environmental Management System, the site and LTEMP must be registered as an asset on the Dial-Before-	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		You-Dig Database to ensure adequate public notification of the LTEMP measures required for future subsurface excavations.	
2	Tree Removal and Protection	• Tree removal and protection is to be undertaken in accordance with the report 'Tree Report 2025: Arboricultural Impact Assessment – Charles Hackett Drive, ST MARYS; Version 1. Prepared for Moir Studio' prepared by The Tree Report dated 07/04/25. • Any approved tree removal work is to be carried out by an arborist with a minimum AQF Level 3 qualification in Arboriculture. • Any approved tree removal work is to be carried out in accordance with the NSW WorkCover Code of Practice for the Amenity Tree Industry (1998) and Safe Work Australia: Guide to managing Risks of Tree Trimming and Removal Work, July 2016. • Permission must be granted from the relevant consent authority, prior to removing any of the Subject Trees. • Pruning must not exceed 10% total live canopy. • No living tissue >50mmØ is to be removed. • Permission must be granted from the relevant consent authority, prior pruning of any of the Subject Trees. • Final pruning cuts are achieved as close as possible to the branch collar without cutting into the branch collar or leaving a protruding stub.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Approved tree pruning works are to be carried out by an arborist with a minimum AQF Level 3 qualification in Arboriculture. • Any approved pruning tree work is to be carried out in accordance with the AS 4373-2007, Pruning of Amenity Trees, NSW WorkCover Code of Practice for the Amenity Tree Industry (1998) and Safe Work Australia: Guide to managing Risks of Tree Trimming and Removal Work, July 2016. • Where required canopy pruning is unable to be undertaken in accordance with the above specifications, an individual tree pruning specification must be prepared by the project arborist on a case-by-case basis. • An arborist with a minimum AQF Level 5 qualification in Arboriculture is to be engaged prior to commencement of construction activities and site establishment for the role of Project Arborist. • The approved tree protection plan must be available onsite prior to the commencement of works, and throughout the entirety of the project. • The Tree Protection Plan must be implemented prior to commencement of construction activities and site establishment. • Tree protection measures must be inspected and certified by the Project Arborist prior to commencement of construction activities and site establishment. • Subject Trees id. 1, 3, 4, 5, 6, 9, 10, 11, 12, 17, 18, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 68, 72, 73, 74, 75, 76, 77, 78, 79, 80, 83, 84, 85, 86, 87,	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		88 & 89 are to be protected via the use of tree protection (fencing, trunk armour & ground protection) in accordance with AS 4970-2009, Protection of Trees on Development Sites, and should be installed prior to commencement of construction activities and site establishment. • Where it is not feasible to install tree protection measures due to unforeseen factors, a modified tree protection specification must be agreed to by the Project Arborist. • It is the responsibility of the Principal Contractor (herein referred to as the 'PC') to install and maintain tree protection measures in accordance with this report for the duration of the development. • All approved works within the TPZ (including SRZ) must be carried out under the supervision of the project arborist using tree sensitive methods. • All approved services within the TPZ (including SRZ) should be installed using tree sensitive methods such as: horizontal directional drilling boring, non-destructive excavation and carried out under the supervision of the project arborist. • Any works within the TPZ (including SRZ) of a tree which has not been assessed within this report must be assessed by the project arborist on a case-by-case basis. • All approved works, including but not limited to ground disturbance and demolition of existing structures is to be supervised and documented by the Project Arborist.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Where possible, footings of existing structures and hardscapes proposed for demolition within the TPZ should remain in situ (just below grade) to prevent damage to existing root material. - Conflicting root material should be clean cut using secateurs, hand saw or similar. - Structural soil as coarse or slightly coarser than the existing soil should be used for any fill requirements within the TPZ (including SRZ) of a Subject Tree proposed for retention. - Scaffolding / hording should be erected on the existing hardscape or utilise ground protection when situated within the TPZ (including SRZ). - If, at any time, it is not feasible to carry out works in accordance with the above cited report, an alternative must be agreed in writing with the Project Arborist. - Scaffolding / hording should be erected on the existing hardscape or utilise ground protection when situated within the TPZ. - Scaffolding / hording should be erected on the existing hardscape or utilise ground protection when situated within the TPZ.	
3	Traffic and Parking	Where required, appropriate traffic management measures on adjoining and surrounding streets, such as temporary speed restrictions, precautionary signs, illuminated warning devices and manual and/or electronic traffic control to control access of construction vehicles etc to the park will need to be implemented (as necessary) and maintained throughout the works period.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Notification of proposed works are to be provided to adjoining and adjacent properties within up to 200m of the site. • Provide information to the public in advance throughout the development process • Install appropriate wayfinding and signage to assist all road users in navigating the road network • Encourage the use of alternative transport modes • Provide an eastbound link through the existing Kokoda Park car park to connect West Lane with Carinya Avenue • Stage the delivery of the proposed through link to ensure access to West Lane is maintained throughout the development process, if possible • Encourage the use of shared, consolidated parking and completing trips to other destinations within the town centre by walking and shared micromobility, consistent with the St Marys Town Centre Structure Plan • Provide loading bays on the new through link for heavy vehicles servicing the properties at the northern end of West Lane • The loading bays are to allow loading/unloading activities without requiring heavy vehicles to make tight turns onto West Lane • Maintain the public domain on the existing Coachmans Park as a prominent feature at the centre of the town centre.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Provide wide paths to accommodate the potentially busier pedestrian traffic and people with prams. • Ensure safe sight distances are always maintained for vehicles, giving special consideration to children. • Implement traffic calming measures where possible to reduce vehicle speed, including raised pedestrian crossings, speed humps, and kerb extensions. • Implement a pedestrian crossing of 12m wide over Carinya Avenue as proposed • Locate the crossing and provide a visual representation that prioritises pedestrian movements over vehicular traffic in the vicinity of the park, including pavement material and line marking • Provide information to the public in advance throughout the development process, including the time the parking spaces are expected to be removed, locations of parking facilities nearby, and alternative travel options • Install appropriate wayfinding and signage to assist all road users in navigating the road network • Encourage the use of alternative transport modes • Encourage the use of shared, consolidated parking and completing trips to other destinations within the town centre by walking and shared micromobility, consistent with the St Marys Town Centre Structure Plan	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- During events, prepare, implement, and evaluate event traffic management plans, considering: - Providing adequate information on and encouraging the use of alternative travel options - Providing information on parking facilities nearby - Providing effective wayfinding and signage throughout the town centre - Closing off adjacent streets from vehicles during large events and diverting vehicular traffic to other roads and streets with less pedestrian traffic and further away from Central Park - Provide information to the public throughout the development process, including the periods when high construction vehicle traffic is expected - Limit the time construction vehicles are allowed to access the site, considering pedestrian traffic volumes and visibility - Stage the delivery of the proposed through link to ensure access to West Lane is maintained throughout the development process, if possible - Provide information to the public in advance to allow time for people to plan for changes in the road network - Provide temporary alternative access routes and/or loading zones	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
4	Erosion and Sediment	• Prepare a Sediment and Erosion Control Plan in accordance with The Blue Book – Managing Urban Stormwater: Soils and Construction (Landcom, 2004) and implement prior to works. • Install soil and erosion control measures in accordance with Erosion and Sediment Control Plan. Inspect these controls regularly (weekly), and more frequently during rain periods to ensure structures are in proper working order. • Ongoing management of soils and sediment in accordance with Landcom's (2004) Managing Urban Stormwater: Soils and Construction. • Construction to be undertaken in accordance with the Protection of the Environment Operations Act 1997. • Refer to Detailed Site Contamination Investigation (REF: 226782.01.R.002.Rev0) and Remedial Action Plan (REF: 226782.02.R.001.Rev0) for all mitigation measures relating to contamination and potential for acid sulphate soils. • Based on the geotechnical report, groundwater is not expected to be encountered. Refer to report (REF: 226782.00.R.001.Rev0) for further details.	Contractor
5	Civil Works and Stormwater Management	• All care and due diligence are to be taken to minimise or prevent pollutant material entering drain inlets or waterways. • Additional stormwater controls have been proposed to mitigate the impacts of the proposed development including:	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Additional pit and pipe infrastructure has been proposed to effectively convey runoff to the existing network. • A rainwater harvesting tank has been proposed to collect roof runoff from the proposed amenities building to be reused internally for toilet flushing. • Overland flow from a portion of the site is to be directed to a proposed biofiltration raingarden. • All stormwater infrastructure to be designed and installed in accordance with AS3500.3 and Council's Standards. • All surfaces to be graded at minimum 1% fall to ensure no trapped low points. • Compliance with AS1428 for maximum grades where required. • Tactile indicators to be installed in accordance with AS1428. • Broom finish on all pavements is to generally be adopted for slip resistance. • All pavement to be designed and constructed in accordance with the Concrete Code AS3600. • Signage and linemarking to be designed and installed in accordance with AS1742. • Refer to Flood Report for all mitigation measures relating to flooding, noting that the maximum afflux depth offsite is to be accepted by Council.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Existing services to be located prior to commencement. All services to be coordinated to ensure minimum clearances in accordance with relevant authority requirements. - Earthworks design and construction to be in accordance with the RAP and AS3798. - All earthworks within the proximity of trees must be undertaken in accordance with ecological tree protection requirements. - All chemicals must be stored in appropriately bunded and secure areas and not be located within or directly adjacent to drainage pits. - Spill kits are to be available to ensure any spills are appropriately managed. - Regular inspection and maintenance of the erosion and sedimentation controls is to be undertaken. Sediment build up is to be cleared from behind barriers where required and all controls are to be maintained in working order sufficient for a 10 year Average Recurrence Interval (ARI) rainfall event. - Building operations and stockpiles must not be located on the public footway or any other locations which could lead to the discharge of materials into the stormwater system.	
	Structural	Structures to be constructed outside of the zone-of-influence of existing services.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Live construction loads to be assessed to ensure existing services are not impacted during construction. - Masonry construction including retaining walls is to conform to AS3700. - All concrete work to be carried out in accordance with AS3600 and NATSPEC concrete standards.	
	Mechanical	All buildings are intended to be naturally ventilated in accordance with AS1668.4.	Contractor
	Hydraulic	All work shall be carried out in accordance with relevant authority requirements, council regulations, Australian standards and national plumbing codes including AS1596, AS3500 & AS5601.	Contractor
	Electrical	Refer to the Summary Environmental Report (SER) to be prepared by Power Solutions (as part of the Endeavor Application) for mitigation measures relating to the ASP3 works.	Contractor
	Acoustics and vibrations	- Construction works should occur during the following hours in line with those stipulated within the Interim Construction Noise Guideline (ICNG) (DECC, 2009): - Monday to Friday 7 am to 6 pm - Saturday 8 am to 1 pm - No work on Sundays or public holidays. - Noise mitigation measures during operation include:	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- For smaller events (200 people): - Limit speaker sound power level - Event to conclude at 10pm - Notify surrounding residences prior to event with details including start/ finish times, contact person for noise complaints - For larger events (5000 people): - Limit speaker sound power level - Event to conclude at 10pm - Notify surrounding residences prior to event with details including start/ finish times, contact person for noise complaints - Preparation of event specific Noise Impact Statement - Acoustic monitoring prior to event during sound check to determine speaker(s) sound power levels - Acoustic monitoring throughout event, operator to notify mixing desk/event coordinator when levels are close to criteria	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Refer to Acoustics Report for further details on mitigation measures relating to potential acoustics impacts. • Work planning and preparation shall be considered to ensure noisy activities are minimised. The control measures developed shall meet the requirements of AS2436 – 2010 – ‘Guide to Noise and Vibration Control on Construction, Maintenance and Demolition Sites’ i.e. localised noise boxes or barriers. Appropriate tools and equipment shall be used to ensure noise levels are reduced and controlled. • Community engagement / liaison: Notify the community of planned noisy activities. The community should be notified at least two weeks prior to works beginning and should include the duration and reason for the activity. There should be a communication system such as letter dropping, availability of a site contact and a complaint handling system in place • Locate plant and equipment as far away from sensitive receivers. • Where feasible, find “less noisy” alternative construction process • Select quieter equipment or fit equipment with silencers, where feasible • Regularly inspecting and maintaining equipment • Schedule noisy activities during less sensitive times of the day. The time of day will depend on the specific receiver and should be determined through community consultation.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Organising the site layout to promote one-way traffic to reduce vehicle reversing movements - No idling of delivery trucks - Switch off any equipment not in use for extended periods of time - Educating staff and contractors about noise and quiet work practices. This could include signage and site inductions	
	Visual Amenity	- All parts of the work areas are to be kept clean and tidy at all times. - Shade cloth (or similar) incorporating project details should be used on temporary perimeter fencing to improve visual amenity during remediation and construction works.	Contractor
	Waste Minimisation and Management	- A Waste Management Plan will need to be prepared to detail the procedures for waste minimisation and management, including the likely waste generation, method of on-site collection and storage and details of the intended method of recycling or disposal. - All works are to be undertaken in a manner which minimises the generation of waste. - Where possible, waste materials are to be recycled. - All surplus material, off cuts, and other debris resulting from the work shall be removed from site and disposed of to a licensed waste management facility. All waste is to be covered during transportation.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		- Waste materials are not to be left on site once the works have been completed. - Working areas are to be maintained, kept free of rubbish and cleaned up at the end of each working day. - The resource management hierarchy principles of the Waste Avoidance and Resource Recovery Act 2001(WARR Act) should be adopted as follows: - Avoid unnecessary resource consumption as a priority. - Avoidance is followed by resource recovery (including reuse of materials, reprocessing, recycling, and energy recovery). - Disposal is undertaken as a last resort.	
	Flora and Fauna	If injured or abandoned fauna is found, WIRES should be contacted to hand over the animal for care, or the animal would be taken to the vet, whichever is the most appropriate option for the fauna species.	Contractor
	Aboriginal Heritage	- In the unlikely event that during works any objects are discovered that are suspected to be Aboriginal objects, 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	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		suspected to be Aboriginal, Heritage NSW may also be contacted at this time to assist in determining appropriate management.	
	Air Quality	• The Contractor is required to monitor and manage dust / air quality during the works. • All plant, machinery and noise generating equipment is to be maintained in good working order and is to be turned off when not in use for prolonged periods. • Where possible, all construction plant and machinery should be fitted with emission control devices complying with Australian Design Standards. • Any dust generating works should be stopped during periods of high wind. • Plastic sheeting shall be available to cover excavation faces and stockpiles. • Vegetation or other materials are not to be burnt on site. • Vehicles and vessels transporting waste or other materials that may produce odours or dust are to be covered during transportation. • Vehicles and equipment are to be maintained in good working order. • Monitor work areas and stockpiles for dust generation and seed/cover/spray to suppress. • Measures (including watering or covering exposed areas) are to be used to minimise or prevent air pollution and dust. • Do not leave vehicles idling.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
	Lighting	- Lighting is to be in accordance with relevant policy, guidelines and Australian Standards including: - National Light Pollution Guidelines for Wildlife (DCCEEW 2023) and - AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting.	Contractor
	Community Enquiries and Complaints	- A dedicated 'Community Liaison Officer' (Penrith City Council 's Project Manager or representative) should be contactable and available to respond to enquiries and address complaints or other issues during the works period. - Signage on the temporary perimeter fencing is to include the Community Liaison Officer contact details for any enquiries or complaints. - Surrounding properties are to be provided with a minimum of three (3) days notification (letterbox drop) prior to the commencement of works. - A Register to record complaints from local residents, businesses or other members of the community is to be prepared and maintained by the appointed Community Liaison Officer.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
	General	During Construction • It is the responsibility of the contractor to ensure all works relating to excavations are undertaken by fully qualified professionals. Contractor to provide team with appropriate PPE that is in good working order. A work risk assessment must be prepared for every excavation, hazards identified and a work method statement provided and implemented. • All works to be carried out by an experienced and accredited professional. Suitable PPE is to be worn throughout all stages of works. A work risk assessment must be prepared prior to the commencement of demolition works. • It is the responsibility of the contractor and project manager to provide safe all weather access to the site. Appropriate and secure barriers, fencing and signage is to be installed to prohibit unauthorised access. • It is the responsibility of the Civil Contractor and Principal Contractor to engage a qualified underground service locator to identify all underground services prior to any excavation occurring in all areas. • It is the responsibility of the Civil Contractor, Principal Contractor and the Project Manager to coordinate all work areas where multiple trades need to work in close proximity and ensure safe work practices are implemented. • All tree removal works are to be carried out in accordance to the arborist report. All trees to be assessed for endemic species prior to removal. If species are found to inhabit tree, alert the project manager ASAP.	Contractor



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• All tree removal works to be carried out by an experienced and accredited professional. Suitable PPE is to be worn throughout all stages of tree removal works. A work risk assessment must be prepared prior to the commencement of demolition works. • Provide a clear and concise construction and environmental management plan. Work closely with the landscape consultant to ensure that important vegetation communities are clearly defined and protection fencing erected. Ensure sediment control plan provided by civil engineer is correctly applied, and all environmental management systems are checked and authorised by project manager. • Contractors to ensure floodways and critical drainage assets are not blocked during the construction period. • It is the responsibility of the contractor to ensure works are undertaken by fully qualified professional as per relative specifications. Contractor to provide team with appropriate PPE that is in good working order. A work risk assessment must be prepared, hazards identified and a work method statement provided and implemented. During Operation • Ensure asbestos are capped and monitored according to relative policies and legislations. Use materials without contamination, e.g high quality mulch.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Ensure the design and construction of water play and water element are compliant to relevant standards and legislations. Use appropriate non-slip materials and provide visual indications where needed. • Ensure sufficient sightlines into the site are established through a strategic layout and planting design. Gathering areas are to be placed on ridge top to allow clear views and open sight lines • Ensure that the detailing of play spaces, access paths and lookout area allows for clear and open sightlines to all areas of the park through plant selection, densities and locations. • Install lighting along pathways, entries, and gathering areas, with motion sensors where needed. • Incorporate both formal bollards, natural bollards and strategic tree planting to prevent vehicles from entering unauthorised areas. • Ensure all level differences are compliant with relative standards, codes and legislations. Install softfall surface materials where needed. • Carry out a thorough arborist report to understand the health of existing trees onsite. Trees that require pruning or removal should be done prior to construction. • Provide sufficient and accessible resting areas, shades and drinking fountains.	



Table 1 – Mitigation Measures

Central Park, St. Marys – In support of Review of Environmental Factors

Item	Impact	Environmental safeguards & management measures	Responsible
		• Ensure that all materials chosen vigorously analysed to ensure that the are appropriate and cognisant of their setting. • Ensure sufficient sightlines and lighting to improve public surveillance. Ensure all materials used are retardant to vandalism or easy to replace/repair. Maintenance • Ensure work area is fenced off. Make good of damage after work. • Ensure work area is fenced off. Maintenance staff to do risk assessment before work, wear appropriate PPE, follow procedures as per manufacturer's specifications and/or other relative instructions. • Ensure work area is fenced off. Maintenance staff to do risk assessment before work, wear appropriate PPE, follow procedures as per manufacturer's specifications and/or other relative instructions. Make good of damage where needed. Ensure no hazardous objects left on-site. Decommissioning • All demolition works to be carried out by an experienced and accredited professional. Suitable PPE is to be worn throughout all stages of demolition works. A work risk assessment must be prepared prior to the commencement of demolition works.	

