

Development details

Application number	SSD-79307746
Project name	Waterloo Metro Quarter – Central Precinct SSD
Location	Waterloo Metro Quarter – 150 Cope Street, Waterloo
Applicant	WL Developer Pty Ltd
Date of issue	13 February 2025

Content and guidance

Any Environmental Impact Statement (EIS) must meet the minimum form and content requirements as prescribed by Part 8 of the *Environmental Planning and Assessment Regulation 2021* (EP&A Regulation) and the *State Significant Development Guidelines*.

Relevant policies and guidelines can be found at <https://www.planningportal.nsw.gov.au/major-projects/assessment/policies-and-guidelines>.

Key issues and documentation

Issue and Assessment Requirements	Documentation
1. Statutory Context - Address all relevant legislation, environmental planning instruments (EPIs) (including drafts), plans, policies, guidelines and planning circulars. - Identify compliance with applicable development standards and provide a detailed justification for any non-compliances. - Provide an explanation of how the development as described in the EIS is consistent with the development as was described in the request for SEARs (including any components that were not SSD) and provide a justification for any differences. - Address the requirements of any approvals applying to the site, including any concept approval, any endorsed or draft master plan, precinct plan or any recommendation from a Gateway determination. - Provide an accurate summary of the detailed assessment of the impacts of the project and integrate the findings and recommendations of technical reports into the justification and evaluation of the project as a whole.	Address in EIS

2. Estimated Development Cost and Employment • Provide the estimated development cost (EDC) of the development prepared in accordance with the relevant planning circular using the Standard Form of EDC Report. • Provide an estimate of the retained and new jobs that would be created during the construction and operational phases of the development, including details of the methodology to determine the figures provided.	• EDC Report
3. Consistency with Concept Proposal • Outline the proposal's consistency with the Concept SSD. • Illustrate how the development integrates with the Waterloo Metro Station and surrounding public domain, including consideration in relation to any staging of the development.	• Address in EIS
4. Design Quality • Demonstrate how the development will achieve: ○ design excellence in accordance with any applicable EPI provisions. ○ good design in accordance with the seven objectives for good design in <i>Better Placed</i>. • Demonstrate that the development: ○ has been carried out in accordance with the endorsed Design Excellence Strategy; ○ has been reviewed by the Design Review Panel (DRP) where required. • Demonstrate that recommendations of the DRP have been addressed.	• Design Excellence Strategy • Design Review Report
5. Built Form and Urban Design • Explain and illustrate the proposed built form, including a detailed site and context analysis to justify the proposed site planning and design approach. • Demonstrate how the proposed built form (layout, height, bulk, scale, separation, setbacks, interface and articulation) addresses and responds to the context, site characteristics, streetscape and existing and future character of the locality. • Demonstrate how the building design will deliver a high-quality development, including consideration of façade design, articulation, activation, roof design, materials, finishes, colours, any signage and integration of services. • Assess how the development complies with the relevant accessibility requirements.	• Architectural drawings • Design Report • Survey Plan • Building Code of Australia Compliance Report • Accessibility Report

6. Environmental Amenity - Address how good internal and external environmental amenity is achieved, including access to natural daylight and ventilation, pedestrian movement throughout the site, access to landscape and outdoor spaces. - Assess amenity impacts on the surrounding locality, including lighting impacts, reflectivity, solar access, visual privacy, view loss and view sharing, overshadowing and wind impacts. A high level of environmental amenity for any surrounding residential or other sensitive land uses must be demonstrated. - Provide a solar access analysis of the overshadowing impacts of the development within the site, on surrounding properties and public spaces (during winter solstice) at hourly intervals between 9am and 3pm, when compared to the existing situation and a compliant development (if relevant). - For applicable developments, provide an assessment of the development against the Housing SEPP and the <i>Apartment Design Guide</i>.	- Shadow Diagrams - Design Verification Statement - Housing SEPP Assessment - View Analysis - Pedestrian Wind Environment Assessment
7. Visual Impact - Provide a visual analysis of the development from key viewpoints, including photomontages or perspectives showing the proposed and likely future development. - Where the visual analysis has identified potential for significant visual impact, provide a visual impact assessment that addresses the impacts of the development on the existing catchment.	- Visual Analysis - Visual Impact Assessment
8. Public Space - Demonstrate how the development maximises the amount, access to and quality of public spaces (including open space, public facilities and streets/plazas within and surrounding the site), reflecting relevant design guidelines and advice from the local council and the Department. - Demonstrate how the development: - ensures public space is welcoming, attractive and accessible for all. - maximises permeability and connectivity. - maximises the amenity of public spaces in line with their intended use, such as through adequate facilities, solar access, shade and wind protection. - maximises street activation. - minimises potential vehicle, bicycle and pedestrian conflicts. - Address how Crime Prevention through Environmental Design (CPTED) principles are to be integrated into the development, in accordance with <i>Crime Prevention and the Assessment of Development Applications Guidelines</i>.	- Public Space Plan (as part of the Design Report) - CPTED Report

9. Trees and Landscaping • Provide a detailed site-wide landscape plan, that: ○ details the proposed site planting, including location, number and species of plantings, heights of trees at maturity and proposed canopy coverage (as a percentage of the site area). ○ provides evidence that opportunities to retain significant trees have been explored and/or informs the plan. ○ demonstrates how the proposed development would: ▪ contribute to long term landscape setting in respect of the site and streetscape. ▪ mitigate the urban heat island effect and ensure appropriate comfort levels on-site. ▪ contribute to the objective of increased urban tree canopy cover. ▪ maximise opportunities for green infrastructure, consistent with <i>Greener Places</i> and having regard to any bush fire risk.	• Landscape Plan
10. Ecologically Sustainable Development (ESD) • Identify how ESD principles (as defined in section 193 of the EP&A Regulation) are incorporated in the design and ongoing operation of the development. • Demonstrate how the development will meet or exceed the relevant industry recognised building sustainability and environmental performance standards. • Demonstrate how the development minimises greenhouse gas emissions (reflecting the Government's goal of net zero emissions by 2050) and consumption of energy, water (including water sensitive urban design) and material resources. • If Chapter 3 of SEPP (Sustainable Buildings) 2022 applies: ○ demonstrate how the development has been designed to address the provisions set out in Chapter 3.2(1). ○ provide a NABERS Embodied Emissions Material Form to disclose the amount of embodied emissions attributable to the development (as defined in section 35BA of the EP&A Regulation). ○ in addition, if the development includes large commercial development types (offices with a net lettable area of at least 1000m²) provide: ▪ a Net Zero Statement (as defined in section 35C of the EP&A Regulation and outlined above). ▪ a NABERS Agreement to Rate that demonstrates the large commercial areas of the development are capable of achieving the standards for water use specified in Schedule 3 of SEPP	• ESD Report • NABERS Embodied Emissions Materials Form • Net Zero Statement • NABERS Agreement(s) to Rate or Commitment Agreement(s) relating to energy and water use

(Sustainable Buildings) 2022. A separate agreement is required for each large commercial use.

- a NABERS Agreement to Rate or Commitment Agreement that demonstrates the large commercial areas of the development are capable of achieving the standards for energy use specified in Schedule 3 of SEPP (Sustainable Buildings) 2022. A separate agreement is required for each large commercial use.

11. Traffic, Transport and Accessibility

- Provide a transport and accessibility impact assessment, which includes:
 - an analysis of the existing transport network, including the road hierarchy and any pedestrian, bicycle or public transport infrastructure, current and future daily and peak hour movements, and existing performance levels of nearby intersections.
 - details of the proposed development, including pedestrian and vehicular access arrangements (including swept path analysis of the largest vehicle and height clearances), parking arrangements and rates (including bicycle and end-of-trip facilities), drop-off/pick-up-zone(s) and bus bays (if applicable), and provisions for servicing and loading/unloading.
 - analysis of the impacts of the proposed development during construction and operation (including justification for the methodology used), including the current and predicted modal split, a forecast of additional daily and peak hour multimodal network flows as a result of the development (using industry standard modelling), identification of potential traffic impacts on road capacity, intersection performance and road safety (including pedestrian and cyclist conflict) and any cumulative impact from surrounding approved developments.
 - measures to mitigate any traffic impacts, including details of any new or upgraded infrastructure to achieve acceptable performance and safety, and the timing, viability and mechanisms of delivery (including proposed arrangements with local councils or government agencies) of any infrastructure improvements in accordance with relevant standards.
 - proposals to promote sustainable travel choices for employees, residents, guests and visitors, such as connections into existing walking and cycling networks, minimising car parking provision, encouraging car share and public transport, providing adequate bicycle parking and high quality end-of-trip facilities, and implementing a Green Travel Plan.
- Provide a Construction Traffic Management Plan detailing predicted construction vehicle routes, access and parking arrangements, coordination with other construction occurring in the area, and how impacts on existing traffic, pedestrian and bicycle networks would be managed and mitigated.

- Transport and Accessibility Impact Assessment
- Construction Traffic Management Plan
- Green Travel Plan or equivalent

12. Biodiversity Assess any biodiversity impacts associated with the development in accordance with the <i>Biodiversity Conservation Act 2016</i> and the <i>Biodiversity Assessment Method 2020</i>, including the preparation of a Biodiversity Development Assessment Report (BDAR), unless a waiver is granted.	Biodiversity Development Assessment Report or BDAR Waiver
13. Noise and Vibration Provide a noise and vibration assessment prepared in accordance with the relevant NSW Environment Protection Authority (EPA) guidelines. The assessment must detail construction and operational noise and vibration impacts on nearby sensitive receivers and structures and outline the proposed management and mitigation measures that would be implemented.	Noise and Vibration Impact Assessment
14. Ground and Water Conditions - Assess potential impacts on soil resources and related infrastructure and riparian lands on and near the site, including soil erosion, salinity and acid sulfate soils. - Provide a Surface and Groundwater Impact Assessment that assesses potential impacts on: - surface water resources (quality and quantity) including related infrastructure, hydrology, dependent ecosystems, drainage lines, downstream assets and watercourses. - groundwater resources in accordance with the <i>Groundwater Guidelines</i>.	- Geotechnical Assessment - Surface and Groundwater Impact Assessment - Salinity Management Plan and/or Acid Sulfate Soils Management Plan
15. Water Management - Detail the proposed drainage design and servicing infrastructure to be incorporate as part of the development (stormwater and wastewater) - Demonstrate how the development complies with council's drainage requirements and identify proposed stormwater treatment and water quality management measures to minimise adverse environmental impacts.	Water Management Plan
16. Flood Risk - Identify the flood planning level as set out in the relevant council LEP or SEPP and identify any: - flood risks on site having regard to adopted flood studies - the potential effects of climate change, and - any relevant provisions of the <i>NSW Flood Risk Management Manual</i>. - Where the development is occurring on flood prone land a flood impact and risk assessment (FIRA) must be prepared having regard to the <i>Flood</i>	Flood Impact Risk Assessment

<i>Impact and Risk Assessment Guideline - LU01 (FIRA guide).</i> When determining the scope and category of the FIRA the requirements outlined in the FIRA guide must be considered. Detail any flood risk management measures that are to be incorporated as part of the development having regard to relevant guidelines (including any design solutions, flood modification measures, property modification measures, operational procedures or Flood Emergency Response Plan).	
17. Contamination and Remediation In accordance with Chapter 4 of SEPP (Resilience and Hazards) 2021, assess and quantify any soil and groundwater contamination and demonstrate that the site is suitable (or will be suitable, after remediation) for the development.	- Preliminary Site Investigation If required: - Detailed Site Investigation - Remedial Action Plan - Preliminary Long-term Environmental Management Plan
18. Waste Management - Identify, quantify and classify the likely waste streams to be generated during construction and operation. - Provide the measures to be implemented to manage, reuse, recycle and safely dispose of waste in accordance with any council waste management requirements. - Identify appropriately sited waste storage areas, collection access paths/roads, and appropriate servicing arrangements for the site.	- Waste Management Plan - Hazardous Material Survey
19. Environmental Heritage - Provide a Statement of Heritage Impact (SOHI) prepared by a suitably qualified consultant in accordance with the Guidelines for preparing Statements of Heritage Impact. The SOHI is to address the impacts of the proposal on the heritage significance of the site and adjacent areas and is to identify the following: - all heritage items (state and local) within the vicinity of the site including built heritage, landscapes and archaeology, detailed mapping of these items, and assessment of why the items and sites are of heritage significance. - compliance with the relevant Conservation Management Plan. - the impacts of the proposal on heritage item(s) including visual impacts. - the attempts to avoid and/or mitigate the impact on the heritage significance or cultural heritage values of the site and the surrounding heritage items.	Statement of Heritage Impact Archaeological Assessment

○ justification for any changes to the heritage fabric or landscape elements including any options analysis.	
20. Social Impact • Provide a Social Impact Assessment that: ○ is prepared in accordance with the <i>Social Impact Assessment Guidelines for State Significant Projects</i>. ○ is targeted and proportionate to the project's context and likely impacts.	• Social Impact Assessment
21. Infrastructure Requirements and Utilities • In consultation with relevant service providers: ○ assess the impacts of the development on existing utility infrastructure and service provider assets surrounding the site. ○ identify any infrastructure required on-site and off-site to facilitate the development and any arrangements to ensure that the upgrades will be implemented on time and be maintained. ○ provide an infrastructure delivery and staging plan, including a description of how infrastructure requirements would be co-ordinated, funded and delivered to facilitate the development.	• Infrastructure Delivery, Management and Staging Plan
22. Construction, Operation and Staging • If staging is proposed, provide details of how construction and operation would be managed, and any impacts mitigated.	• Address in EIS
23. Contributions and Public Benefit • Address the requirements of any relevant contribution plan(s), planning agreement or EPI requiring a monetary contribution, dedication of land and/or works-in-kind and include details of any proposal for further material public benefit. • Where a voluntary planning agreement is proposed, prepare a draft planning agreement in accordance with the Planning Agreement Practice Note – February 2021. • Where the development proposes alternative public benefits or a departure from an existing contributions framework, the local council, the Department and relevant State agencies are to be consulted prior to lodgement and details, including how comments have been addressed, are to be provided.	• Address in EIS
24. Engagement Detail engagement undertaken and demonstrate how it was consistent with the <i>Undertaking Engagement Guidelines for State Significant Projects</i>.	Engagement Report

Detail how issues raised, and feedback provided have been considered and responded to in the project. In particular, applicants must consult with:

- the relevant Department assessment team.
- any relevant local councils.
- any relevant agencies.
- the community.
- if the development would have required an approval or authorisation under another Act but for the application of s 4.41 of the EP&A Act or requires an approval or authorisation under another Act to be applied consistently by s 4.42 of the EP&A Act, the agency relevant to that approval or authorisation.