Winsor Reserve Construction Compound Plan (CCP)

Site Amenities & Temporary Works required to facilitate the Winsor Reserve Spoil Handling Facility, Grout Plant, Water Treatment Facility, and associated support offices & carparking.

Spoil Handling Facility

North East Link – Primary Package

Document number:	NEL-CNT-SDC-2990-EPA-PLN-0011
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Document Approval

PLANNING AND ENVIRONMENT ACT 1987

BANYULE, BOROONDARA, MANNINGHAM, NILLUMBIK, WHITEHORSE, WHITTLESEA AND YARRA PLANNING SCHEMES

NORTH EAST LINK PROJECT INCORPORATED DOCUMENT, DECEMBER 2019

ENDORSED PLAN

SHEET 1 OF 57

SIGNED.....

MINISTER FOR ENVIRONMENT AND CLIMATE ACTION

DATE 17 / 10 / 2022

Details of Revision Amendments

Document Control

The Construction Environmental Representative is responsible for ensuring that this plan is reviewed and approved. The Construction Environmental Representative is responsible for updating this plan to reflect changes to construction, legal and other requirements, as required.

Amendments

Any revisions or amendments must be approved by the Project Manager and/or client before being distributed / implemented

Revision Control

Revision	Details	Date
A	Issued for formal review to NELP	12/07/2022
B	Issued for Review	8/09/2022
0	Issued for Approval	14/09/2022

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Definitions and Abbreviations

Term/Abbreviation	Definition
Annual Exceedance Probability (AEP)	Defines the likelihood of a flood occurring in any given year. The most used definition in planning is the '1 in 100-year flood'. This refers to a flood level that has a one in a hundred, or 1%, chance of being equalled or exceeded in any year (1% AEP = 100-year average recurrence interval).
Business	Commercial activity in which the aim is to make a profit.
CCEP	Communication and Community Engagement Plan
CCP	Construction Compound Plan
CH	Cultural Heritage
Condition Report	A report completed prior to occupancy which involves a visual assessment of the Construction Compound area highlighting any constructional and cosmetic fabric defects. As agreed with Spark and NELP, the Condition Report must be completed and agreed with Council prior to sign off by all parties.
Construction Environmental Management Plan (CEMP)	Overarching document which details the management of environmental aspects and impacts associated with the delivery of the works. The document has been prepared in accordance with the EMF.
Community Facilities	Refers to recreational, social, or educational spaces (for example schools, sports ovals, or local halls) available for use by the local community.
Construction Compound	Long term compound, including buildings for office, crib (meals), ablutions and washing facilities located within fixed a boundary.
Construction Site	Short term construction works areas or construction fronts including temporary storage/laydown areas that are to be undertaken throughout the Primary Package
CNVMP	Construction Noise and Vibration Management Plan
Decibel (dB)	A logarithmic scale is used to describe the level of sound, referenced to a standard level. It is widely accepted that a 3dB change in traffic noise levels (of the same character) is barely, if at all detectable, whereas a change of 5 dB is clearly noticeable. A 10 dB increase is typically considered to sound twice as loud (noting a change of -10 dB would typically sound half as loud).
DELWP	Department of Environment, Land, Water & Planning
D&C	Design and Construction
D&C Contractor	Joint venture between the entities, Webuild S.p.A, GS Engineering & Construction Australia Pty Ltd, CPB Contractors Pty Ltd and China Construction Oceania Pty Ltd
Environment Effects Statement (EES)	Assessment of the potential environmental, social, and business impacts associated with the proposed construction and operation of the North East Link Primary Package under the Environment Effects Act 1978.

Term/Abbreviation	Definition
Environmental Management Framework (EMF)	The EMF is to provide a transparent framework to manage the environmental effects of the Project to meet statutory requirements, protect environmental values and sustain stakeholder confidence. The EMF provides clear accountabilities for the implementation of the Environmental Performance Requirements (EPRs)
Environmental Performance Requirements (EPRs)	A suite of performance-based environmental standards and outcomes that apply to the design, construction, and operation of the Project. Define the minimum environmental outcomes that must be achieved during Project delivery.
EMS	Environmental Management System
EPA	Environment Protection Authority Victoria
FFG	Flora and Fauna Guarantee Act 1998 (Vic)
GED	General Environmental Duty
Incorporated Document	GC98 - The delivery of the Project is facilitated by the Incorporated Document under the Banyule, Boroondara, Manningham, Whitehorse, Whittlesea, and Yarra Planning Schemes approved December 2019.
Independent Environmental Auditor (IEA)	The independent party appointed by the Victorian Government to undertake environmental reviews and environmental audits of project activities including assessing compliance with the EMF. The Independent Environmental Auditor is a component of the Independent Reviewer and Environmental Auditor role.
Independent Reviewer and Environmental Auditor (IREA)	The Independent Reviewer and Environmental Auditor is appointed by the Victorian Government to perform two roles: review and environmental audit. The review role involves independent review of project activities including design reports, construction packages, and design and construction management. The Independent Environmental Auditor role is described above.
North East Link Project (NELP)	North East Link Project is an organisation within MTIA that is responsible for developing and delivering the project on behalf of the Victorian Government.
M&E	Mechanical and Electrical
MWC	Melbourne Water Corporation
NEL	North East Link
NELP	North East Link Project
NML	Noise Management Level
Open Space	Land that provides outdoor recreation, leisure and/or environmental benefits and/or visual amenity.
PP	Primary Package
PPP	Public Private Partnership
Primary Package	Design, financing, construction, and commissioning of the Works, including 6.5km twin three or four-lane tunnels, with interchanges at Manningham and Lower Plenty Roads and upgrades to Greensborough and Bulleen Roads.

Term/Abbreviation	Definition
Project Co	Spark North East Link Pty Limited as trustee of the Spark North East Link Trust
PSA	Planning Scheme Amendment
Project or North East Link	The North East Link project approved under the Incorporated Document.
Project boundary	The project boundary encompasses the area within which the project will be developed and is the area that is referenced in the Incorporated Document.
RAP	Registered Aboriginal Party
Reserve	Land reserved for community or public purposes.
Risk	Risk is measured as a combination of the magnitude of potential consequences of an event happening, and the likelihood of the event and associated impact occurring.
Stakeholders	Stakeholders as specifically identified under Clause 4.5.5 (b-c) of the Incorporated Document. Also defined by person or group affected by or concerned with an issue.
SEM	Sequential Excavation Mining
Sensitive Receptors	Sensitive receptors as per relevant statutory guidelines, including homes, schools, universities and hospitals, or places where a person's regular daily life might be affected by amenity impacts because of the Project. Sensitive receptors do not include public open space or places of work.
Shared use path	A shared use path (SUP) is a path that may be used by walkers and cyclists. For the Project shared use paths have been designed to be not less than three meters wide.
Spark	Consortium selected to deliver the primary package on the North East Link (NEL)
TBM	Tunnel Boring Machine
TIA	Traffic Impact Assessment
TPZ	Tree Protection Zone
UDS	Urban Design Strategy
Unavoidable works	Unavoidable works are defined in EPR NV3 and must be verified by the IEA as such for each instance they are undertaken. Unavoidable works may result in noise from construction works during weekend/evening work hours and the night period which do not meet the guideline targets in EPR NV3 and the definition of unavoidable works.
WEMP	Worksite Environmental Management Plan
YVW	Yarra Valley Water

1 Project Overview

1.1 Purpose and Scope

The purpose of this Construction Compound Plan (CCP) is to comply with the requirements of clauses 4.12.1 and 4.12.2 of the North East Link Project Incorporated Document (Incorporated Document) and regulate the use and development of the Winsor Reserve Spoil Handling Facility (also referred to in this plan as the Construction Compound).

A Construction Compound is a long-term compound comprising buildings for office, crib meals, ablutions and washing facilities located within a fixed boundary. The Construction Compound is established and operated in accordance with the approved CCP, and the relevant Environmental Performance Requirements (EPRs) included in the approved Environmental Management Framework (EMF). It is not a Construction Site but supports construction activities.

A Construction Site comprises of short-term construction work areas or construction ancillary facilities, such as, but not limited to, temporary storage/laydown areas, stockpiling and loading of tunnel spoil, grout plants and water treatment plants.

This approach to delineate Construction Compound and Construction Sites is consistent with previous CCPs approved for the Early Works Package of the North East Link (NEL) Project.

This plan describes the proposed activities, hours of operation and potential environmental and community impacts of the Winsor Reserve Spoil Handling Facility. This includes mitigation and management controls associated with the construction and operation of the proposed Compound that will support site establishment and ongoing construction as part of the Primary Package of the NEL.

1.2 North East Link Primary Package Overview

Spark North East Link Pty Limited as trustee of the Spark North East Link Trust (Project Co) has been contracted by the Minister for Transport Infrastructure for and on behalf of the Crown in right of the State of Victoria and the North East Link State Tolling Corporation (together the State) to deliver the Primary Package under a Project Deed dated 27 October 2021 (Project Deed).

The Design and Construction (D&C) Contractor has been contracted by Project Co to complete the missing link in Melbourne's orbital freeway between an upgraded Eastern Freeway and the M80 Ring Road. The D&C Contractor Project Co is responsible for delivering the Primary Package under a public–private partnership (PPP) framework encompassing:

- Design, financing, construction, and commissioning of the Works, including 6.5km twin three or four-lane tunnels, with interchanges at Manningham and Lower Plenty Roads and upgrades to Greensborough and Bulleen Roads, as well as the Secondary Package (SP) Intelligent Transport System (ITS) Works
- Development of the SP Interface Zones Preliminary Design
- Undertaking the Services for the Primary Package and the Extended Operational Activities for the Extended Operational Area.

The Secondary Packages will be designed and constructed by other parties.

Project Co has subcontracted the Development Activities (as defined in the Project Deed) to the unincorporated joint venture, comprising Webuild S.p.A, GS Engineering & Construction Australia Pty Ltd, CPB Contractors Pty Ltd and China Construction Oceania Pty Ltd (D&C Contractor) under the D&C Contract between Project Co and the D&C Contractor dated 27 October 2021 (D&C Contract).

The Primary Package has been split into multiple construction sites: Northern Construction Area, Manningham Construction Area, and Southern Construction Area.

The locations of the current proposed compounds that will support the construction activities for the NEL Primary Package are listed in Table 1. Separate CCPs will be prepared covering the Construction Compounds as indicated in Table 1. The planned period of occupation of the Construction Compound is provided in Table 2.

Table 1: Construction Compound Plan - Primary Package

Construction Site	Construction Compound Plans	Construction Activity supported
Northern	▪ Winsor Reserve Spoil Handling Facility (this Plan)	Winsor Reserve spoil handling operations, grout plant, water treatment facility
Northern	▪ TBM Compound	Operation of the TBM's
Northern	▪ Civil and Roads Compound	Roadworks associated with the realignment of Greensborough Rd
Northern	▪ Vent Office Compound	Construction of the permanent ventilation structure
Northern	▪ Mobilisation Compound ▪ Structures Compound	Comprises the Lower Plenty cut and cover structures.
Southern	▪ Civil/ Structural/ Roads Compound ▪ Cut and Cover Compound (including carpark)	Comprises the Bulleen cut and cover structure, including the land bridge and the southern ventilation building.
Manningham	▪ Mobilisation Compound (YEMS Early Works Compound) ▪ Structural/ M&E Compound ▪ SEM Compound	Comprises the Manningham cut and cover structures, the SEM Tunnel site installations and the operations and maintenance building.

This compound is required to facilitate activities including:

- Receival and load out of spoil from Tunnelling Operations at an approximate rate of 15,000t per 24hr period
- Treatment of Groundwater from tunnelling operations and treatment of water run-off from tunnel spoil
- Manufacture of grout for tunnelling operations
- Workforce amenities for wages employees operating the spoil handling facilities; and
- Supervision & engineering support offices

The Construction Compound cannot be consolidated with other Compounds in the area because:

- No available compound site is of sufficient size to support the volume of materials to be generated from tunnelling activities across each 24hr period
- The construction of a shed of the required dimensions could not be performed elsewhere within the land acquired for the project
- There is no available land within a reasonable distance of the tunnel portal conveyor system that could be established outside of the project boundary
- No other compound is of sufficient size to accommodate this facility

Table 2: Indicative Timeframes

Compound Milestones	Timing (from)
Land Availability	Q2 2022
Compound Foundations and Earthworks	Q4 2022
Shed Construction & Access roads commence	Q2 2023
Testing and Commissioning commence	Q3 2023
Operational Commencement of Facility	Q1 2024
Demobilisation	At completion of tunnelling operations Q4 2027
Site Restoration	Q2 2028

2 NEL Approvals

2.1 Primary Approvals and Incorporated Document Requirements

NELP has obtained the Primary Approvals for the North East Link that apply to the Primary Package. These Approvals include:

- Planning approval under the Planning and Environment Act 1987
- Cultural Heritage Management Plan (No. 15576) approved under the Aboriginal Heritage Act 2006
- Approval for works on Commonwealth land under the Environment Protection and Biodiversity Conservation Act (Cth) 1999
- Development Licence authorising the development and installation of the road tunnel ventilation systems for the NEL Project under the Environment Protection Act 2017.

Planning approval for the NEL Project is facilitated through a Planning Scheme Amendment (PSA) (GC98), as gazetted on 3 January 2020. The PSA allows for the use and development of the North East Link Project, subject to specific controls set out in the North East Link Project Incorporated Document, which apply to all land within the designated project boundary.

This Plan is prepared in accordance with the Incorporated Document and its preparation is informed by other relevant project approvals including the approved (and amended) Environmental Management Framework (EMF) with Environmental Performance Requirements (EPRs).

Figure 1 illustrates the planning and environment approvals context for this Plan.

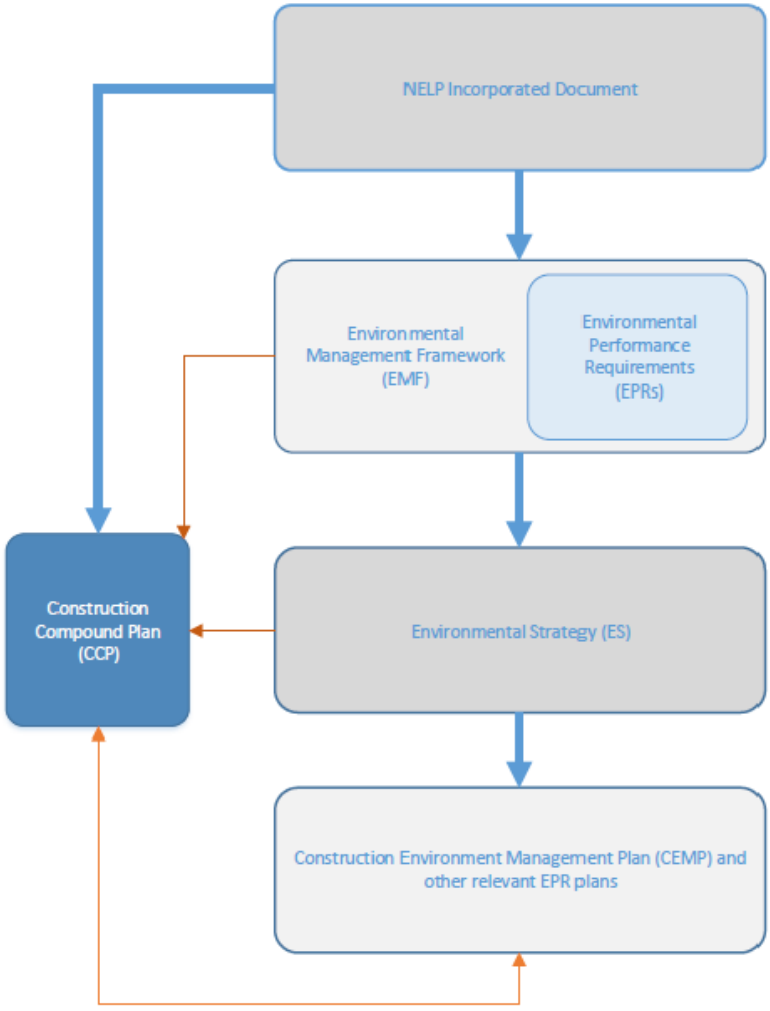


Figure 1: CCP Planning and Approvals Context

2.2 Incorporated Document

The Incorporated Document allows the land within the project boundary to be used and developed for the North East Link Project. The Incorporated Document has the effect of exempting the project from the usual requirements of the planning schemes and allowing the use and development of land for the project, so long as the works are located within the project boundary and comply with the conditions of the Incorporated Document.

The following conditions of the Incorporated Document are being met through the development of this Plan:

- CCP to be prepared in accordance with the requirements of Clause 4.12 of the Incorporated Document
- Preparation of CCP to the satisfaction of the Minister for Planning.
- On Independent Environmental Auditor (IEA) verification and Minister for Planning acceptance of this Plan, presentation of the current version on a clearly identifiable Project website.

Clause 4.12 of the Incorporated Document outlines requirements for CCPs, including content requirements. These requirements are summarised in Table 3, with a cross reference to where they are addressed in this Plan. Unless an exemption has been provided by the Minister for Planning, CCPs are required for all construction compounds associated with construction of the NEL Project.

Table 3: Incorporated Document - Relevant Clauses for this Plan

Document Reference	Content requirements	Where addressed
4.12.1	Prior to the use and development of any construction compound, a CCP must be prepared to the satisfaction of the Minister for Planning.	This plan
4.12.2 a)	A plan showing the location and layout of each compound and the categories of works and operations proposed within each compound.	Section 3
4.12.2 b)	The estimated duration of activity within each compound.	Section 1.2
4.12.2 c)	Demonstration that any compound proposed on land which is not to be permanently acquired are reasonably required in the location in which they are proposed, including demonstration that alternatives which reduce the impact of the compound on such land are not feasible or practical.	Table 2
4.12.2 d)	Demonstration that the compound (and categories of permissible works within each compound) have been sited to avoid, then minimise, then mitigate, impacts on sensitive uses (including residences, open space, schools, community organisations and sporting and recreation areas).	Section 3.4
4.12.2 e)	Demonstration that the categories of works proposed within the compound are appropriate having regard to whether the land is flood prone, including any flood modelling where appropriate, or has any environmental sensitivity, and that the works will be suitably managed to address any flood risk.	Section 3.4
4.12.2 f)	Measures to restore the former use of the land used for construction once these activities are complete.	Section 5
4.12.3	A CCP may be prepared and approved in stages but a CCP for any stage must be approved before the commencement of use and development for that stage.	n/a staging approach not proposed
4.12.4	A CCP may be amended from time to time, to the satisfaction of the Minister for Planning.	Section 8
4.12.5	All construction compounds must be located and operated in accordance with the approved CCP and relevant EPRs included in the approved EMF.	Section 3 Section 7

2.3 Secondary Approvals for the Winsor Reserve Spoil Handling Facility

Table 4 details the requirements of all relevant Secondary Approvals that may be necessary to establish the Construction Compound.

These requirements are in addition to all requirements in the Project Scope and Delivery Requirements (PSDR).

Table 4: Secondary Approvals

Legislation	Responsible Authority	Approval	Purpose / Location	Application to this CCP
Wildlife Act 1975	DELWP	Management Authorisation for the salvage and handling of fauna	If works will require the salvage, handling, removal, or destruction of wildlife	Works are within land allocated as temporary facilities for the purposes of constructing the Development Activities Prior to vegetation removal, Ecologist inspections have been performed to identify any fauna requiring relocation / salvaging. Immediately prior to vegetation removal a further fauna spotter or zoologist inspection will be performed to validate the ecology findings
Flora and Fauna Guarantee Act 1988	DELWP	Permit/s to take protected species.	Ecology assessments will address the need for a permit to remove protected flora where applicable	Works are within land allocated as temporary facilities for the purposes of constructing the Development Activities Vegetation removal is required to allow siting for the Construction Compound FFG permits to be obtained prior to commence of clearing activities
Road Management Act 2004	Banyule Council	Working within a road reserve permit	Local streets associated with the works	No works will be performed in the road reserve associated with the operation of the Compound. All truck movements in and out of the facility through a signalized intersection developed under a Traffic Management Plan & approved by DoT
Road Management Act 2004	Department of Transport	Working within a road reserve permit	Greensborough Highway may require a road reserve permit.	No works will be performed in the road reserve associated with the operation of the Compound. All vehicle movements in and out of the facility are controlled through a signalised intersection developed under a Traffic Management Plan that is approved by DoT
Heritage Act 2017	Heritage Victoria	Permit/s to impact places on Victorian Heritage Register (VHR), and consents for impacts on places on the Victorian	In the event that a works will impact on a registered place.	There are no heritage overlays on the Site

Legislation	Responsible Authority	Approval	Purpose / Location	Application to this CCP
		Heritage Inventory (VHI).		
Victoria Planning Provisions – Banyule Planning Scheme	DELWP	North East Link Incorporated Document conditions, including native vegetation removal and Environmental Performance Requirements	Works within the project boundary. Removal of native vegetation (to be confirmed based on findings from arborist/ecologist assessment). Note: Any removal of vegetation outside the project boundary which may be required to gain access to project land, would need to be assessed under the Planning Scheme requirements.	Works are within land allocated as temporary facilities for the purposes of constructing the Development Activities Vegetation removal is required to allow siting for the Construction Compound NVR permits to be obtained prior to commence of clearing activities
Aboriginal Heritage Act 2006		Compliance with CHMP requirements	The Construction Compound location is within a previously developed land parcel currently used as a recreational reserve	There are no CH overlays impacted by the compound as confirmed by a NELP initiated CH Due Diligence assessment Notifications of Works to RAP prior to commencement

3 Winsor Reserve Spoil Handling Facility

The Construction Compound includes a spoil shed for the receival and load out facility for all spoil generated from the Tunnel Boring Machine (TBM) operations.

The Construction Compound will feature a large, fully enclosed shed with acoustic protection properties. Within the shed will be the final stage of the TBM conveyor system that transports the tunnel spoil from the TBM into the spoil load out bins & internal spoil haul roads

Outside of the shed will be the grout plant, water treatment facility, external access roads, weighbridge, office facility and workforce amenity buildings.

While the compound construction phase will require a significant portion of the available land use of Winsor Reserve as shown in Figure 3, there will be no further impact on the site as part of the operation phase. At completion of the tunnel construction operations, the site will be fully restored and be handed back to and in consultation with Banyule City Council to an improved standard to the current condition & functionality, resulting in overall community benefit.

The location and indicative layout of the Construction Compound is demonstrated in the below Figure 2 and Figure 3, within the context of the broader Watsonia Construction site and the other Construction Compound locations.

Winsor Reserve is in the municipality of Banyule City Council. It features a sport oval, playground, and walking paths and is adjacent to an early childcare centre, orthodontist, and residential dwellings. The eastern site border is Greensborough Road, a major trafficway, which will provide simple truck access into and out of the site for spoil transport. There is no requirement for construction traffic to use local streets in accessing the Winsor Reserve site. The location of the compound with environmental features and potentially affected sensitive receptors are shown in Figure 7.

The proposed compound is situated within the designated Project Boundary and does not encroach on the no-go zones. This allows the existing playground and walking tracks at the western end of the park to remain fully accessible and safe for public use.

The detailed site plan for the Spoil Handling Facility shown in Figure 4 provides further detail on the facilities being mobilised that will be utilised by Spark and subcontracted staff. Fencing and hoarding will be installed to delineate the construction site from surrounding land as shown in Figure 2.

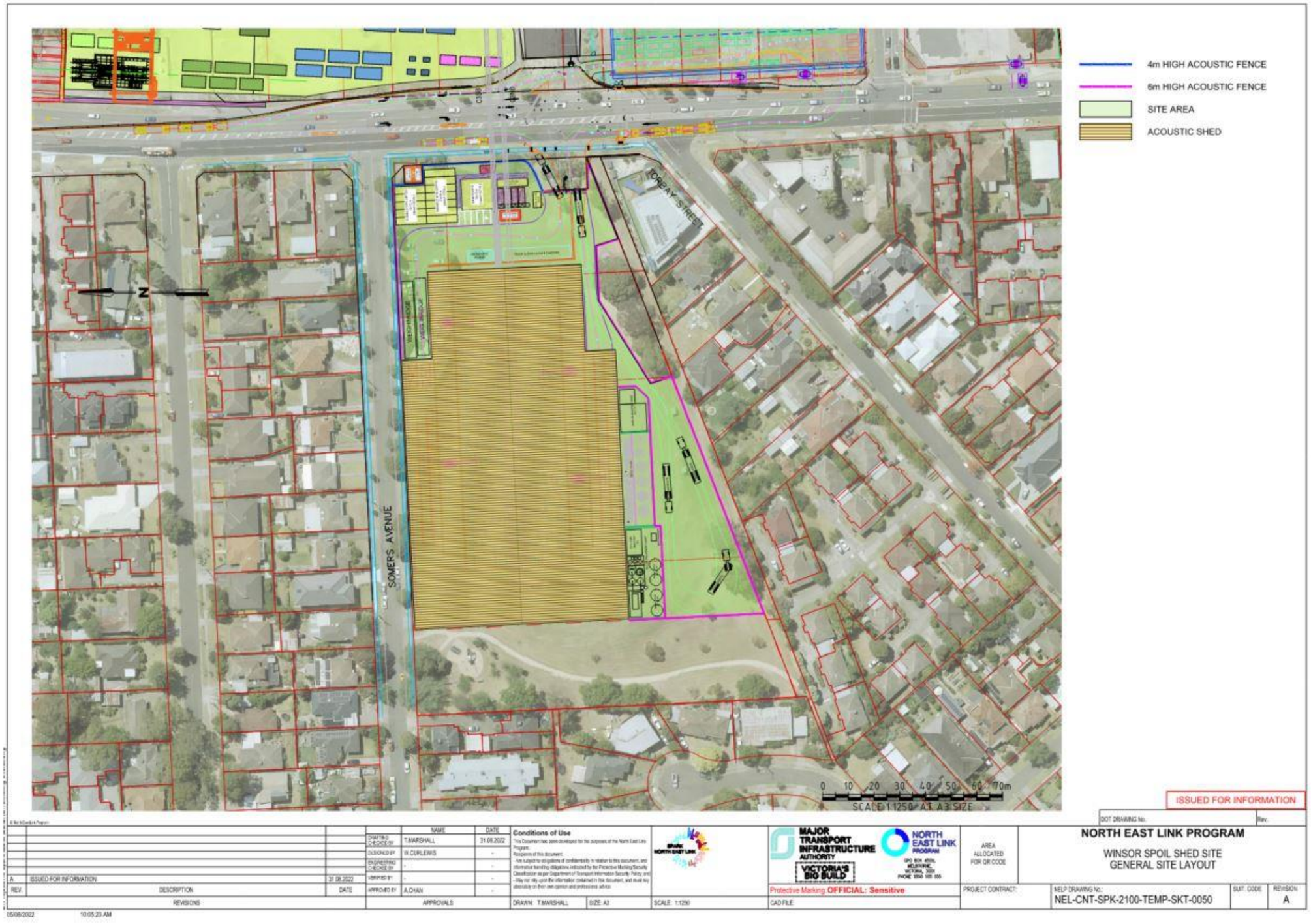


Figure 2: Indicative compound layout relative to surrounding properties

Figure 3: Indicative Winsor Reserve Construction Location in context of the Construction Site

3.1 Compound Details

Below (including Figure 4, Figure 5, and Figure 6) outlines the compound and facilities within, what the compound will be used for and what construction activities each compound will support. Location and details of the compound are subject to minor layout changes if generally in accordance with the approved CCP. These changes will be based on operational requirements to optimise the compound and to further mitigate impacts of operation.

The Construction Compound is a spoil handling facility that is proposed to contain the following works areas:

- A spoil shed of steel construction including acoustic panelling and concrete slab pavement. The spoil shed is approximately 138.8m long, 83.5m wide and 15m wall height, and 17.35m height to the top of the ridgeline. Note, all penetrations and ventilation louvres required for ventilation are acoustically treated and fitted with noise attenuation where appropriate.
- A water treatment facility adjacent to the southern wall of the compound shed
- A Grout manufacturing plant adjacent to the southern wall of the compound shed
- Internal and external concrete access roads
- A Weighbridge for measuring truck compliance prior to leaving the site
- 2 x Internal spoil bins within the compound
- Offices, and amenities to support supervision and engineering staff
- Workforce amenities including lunchrooms, change rooms, ablutions, kitchen, first aid facilities & training room
- Staff car parking.

The Compound shed has associated size and layout requirements that are driven by the following factors:

- A minimum of more than one day's worth of excavated materials generated by the two TBM's during tunnel excavation need to be accommodated within the spoil handling facility.
- The shed should be large enough to accommodate truck loading and manoeuvring entirely within the shed itself. This is done to ensure the 'mucking out' operation is acoustically enclosed, plus ensures that trucks can completely enter the site to counter the risk of truck queuing in the Greensborough Rd. intersection
- The height of the shed is dictated by the height of the conveyor belt structure and the necessary clearances under the conveyor structure where it crosses Greensborough Rd.
- The external plant equipment and material has been located as far as practical away from the site's side boundaries (and therefore residential interfaces) as possible. The plant location has also been dictated by the size and location of the compound spoil shed.

The Spoil Handling Facility Compound uses by Spark are:

- Spoil receival, handling, and loading for disposal
- Treatment of water from tunnelling and spoil handling operations
- Production of grout for tunnelling operations
- Office Amenities for white collar workforce
- Blue-collar Workforce Amenities including buildings for bathrooms, first aid and a meals/crib room
- The holding of site safety briefings each morning
- Localised staff car parking
- Storage of hazardous substances in compliance with AS 1940:2017, Dangerous Goods Act 1985 and Dangerous Goods (Storage and Handling) Regulations 2012
- Storage of tools, equipment, and non-hazardous substances within shipping containers
- Worker washrooms

The construction activities that are supported by the Spoil Handling Facility Compound are:

- TBM driven tunnel excavation
- Major excavation works from Watsonia cut and cover tunnel
- TBM Operations traversing the cut and cover structure

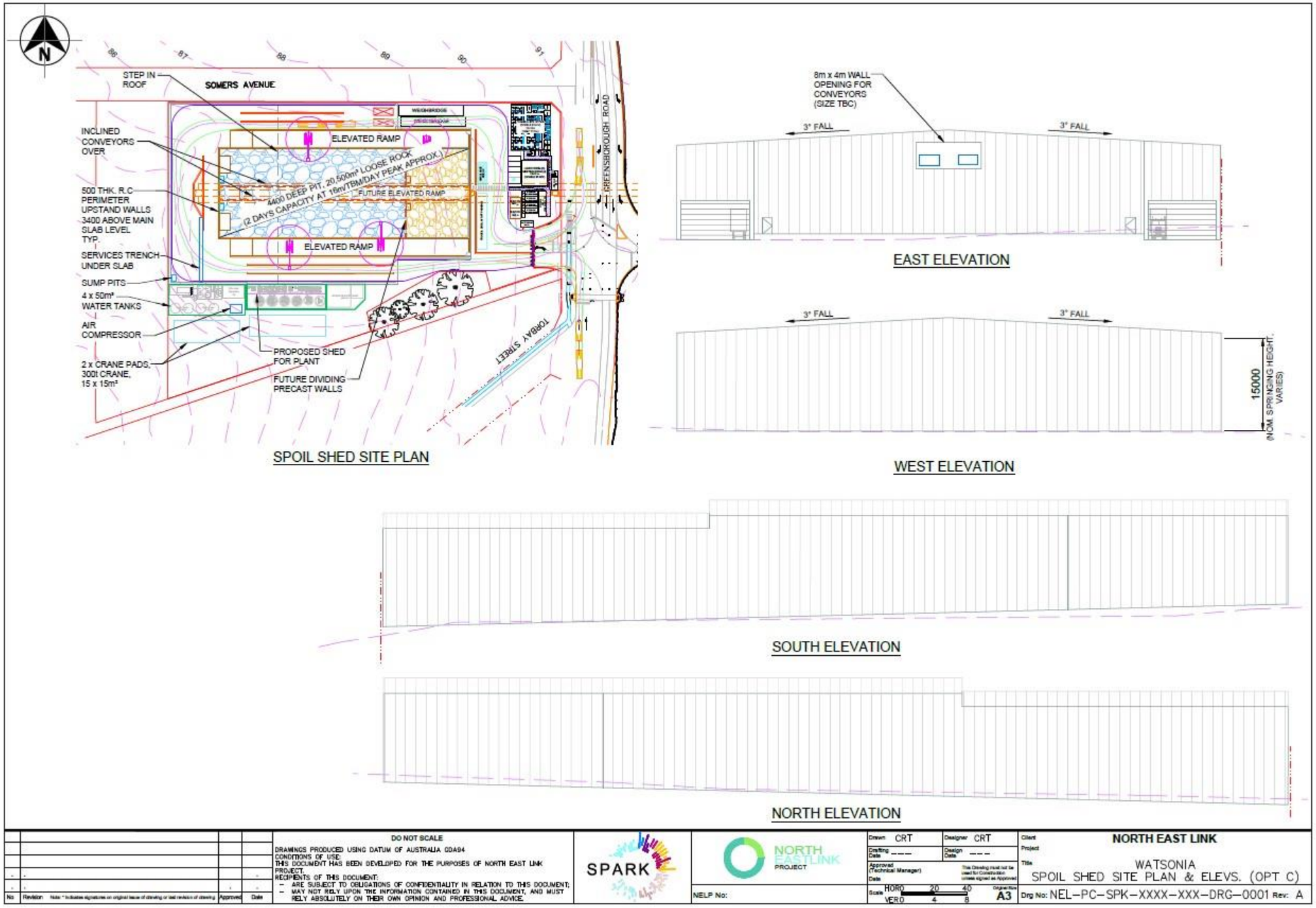
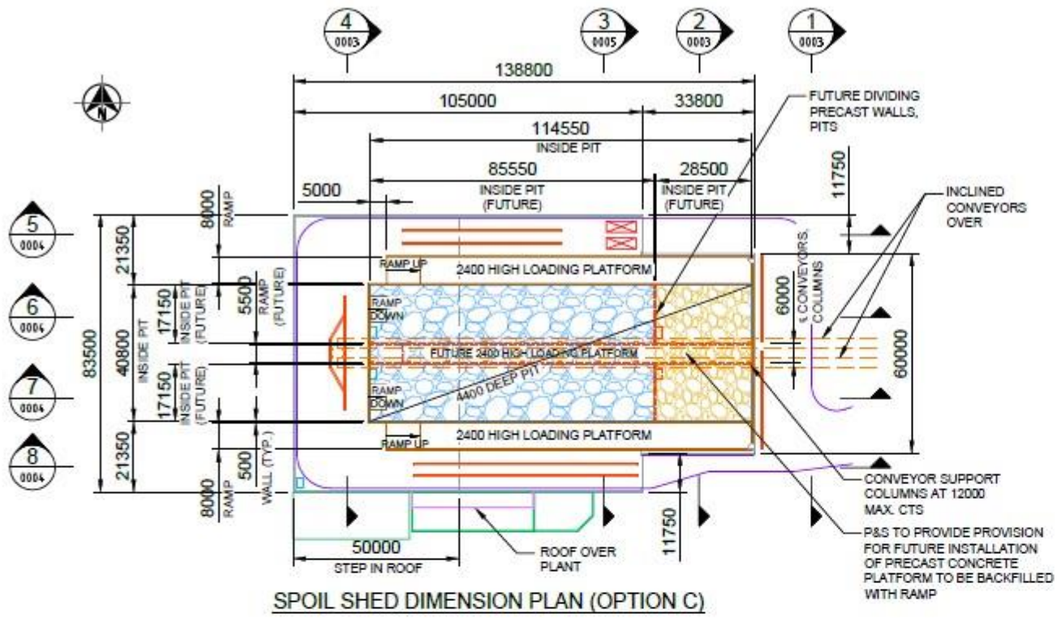
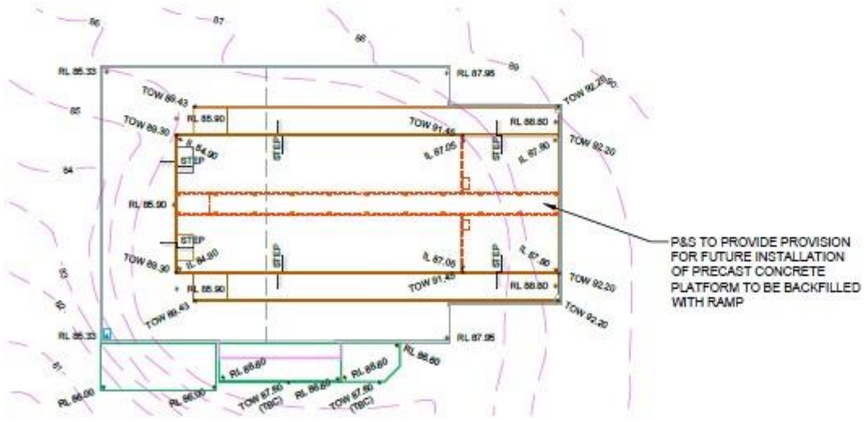


Figure 4: Proposed Site Plan and Elevations for the Spoil Handling Facility at Winsor Reserve



SPOIL SHED DIMENSION PLAN (OPTION C)



SPOIL SHED SLAB PLAN

DO NOT SCALE
DRAWINGS PRODUCED USING DATUM OF AUSTRALIA GDA94
CONDITIONS OF USE:
THIS DOCUMENT HAS BEEN DEVELOPED FOR THE PURPOSES OF NORTH EAST LINK PROJECT.
RECIPIENTS OF THIS DOCUMENT:
– ARE SUBJECT TO OBLIGATIONS OF CONFIDENTIALITY IN RELATION TO THIS DOCUMENT;
– MAY NOT RELY UPON THE INFORMATION CONTAINED IN THIS DOCUMENT, AND MUST RELY ABSOLUTELY ON THEIR OWN OPINION AND PROFESSIONAL ADVICE.

No | Revision | Approved | Date

NELP No:

Drawn CRT | Designer CRT | Drafting Date --- | Design Date --- | Approved (Technical Manager) Date | This Drawing must not be used for Construction unless signed as Approved

Scale HORO 20 40 VERO 4 8 Original Size A3

Client NORTH EAST LINK | Project | Title WATSONIA SPOIL SHED SETOUT PLANS (OPT C)

Drg No: NEL–PC–SPK–XXXX–XXX–DRG–0002 Rev: A

Figure 5: Proposed Spoil Shed Setout Plans

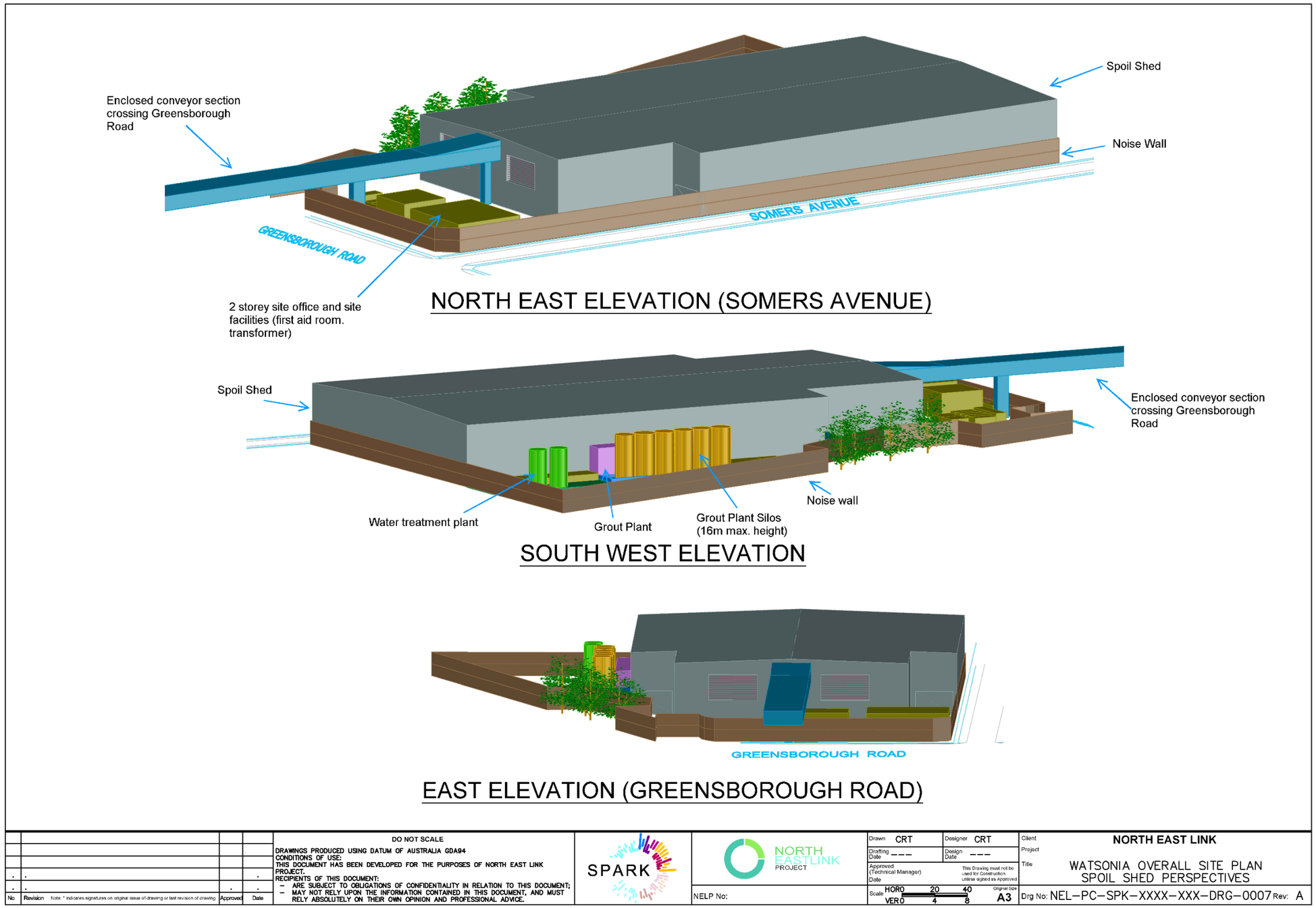


Figure 6 - Proposed Site Perspectives for the Spoil Handling Facility at Winsor Reserve[1]

[1] Materiality is indicative and subject to final design

1

3.2 Identification of Sensitive Receptors

Clause 4.12.2 (d) of the Incorporated Document requires demonstration that the compound has been sited to avoid, then minimise, then mitigate impacts on sensitive receptors.

The location of the Compound may have impacts on the following sensitive receptors:

Residents in the following streets

- Somers Avenue
- Torbay Street
- Tuckfield Court
- Wattle Drive
- Lenola Street
- Lindsay Street
- Reid Walk
- Watson Street
- Cooley Avenue

Businesses

- Specialist Dental Care
- Watsonia Shopping Precinct
- Comfort Inn Greensborough

Educational Facilities

- Happy Valley Early Learning Centre

Recreational

- Winsor Reserve

Other

- Simpson Barracks
- Banyule Council
- Train Station

Figure 7 shows the compound location in relation to the surrounding area and sensitive receptors.

Section 3.3 includes a discussion of how selection of the site seeks to avoid, minimise, and mitigate impacts on these sensitive receptors. Further details on measures that will be taken to mitigate impacts on sensitive receptors in accordance with relevant EPRs is provided in Section 3.8.

In addition, it should be noted that properties in the vicinity of Winsor Reserve Construction Compound are likely to be eligible for the State Government's Voluntary Purchase Scheme, a process being led by State Government intended to mitigate the construction and built-form impacts of the project.

Consultation and engagement with stakeholders on the use of Winsor Reserve as a Construction Compound is ongoing and has been in process since December 2021. In relation to the consultation with these sensitive receptors, a summary of the communication including issues raised by the respective stakeholders is detailed within Section 6. All sensitive receptors and impacted stakeholders have been consulted in the finalisation of this CCP, with particular attention provided to residents along Torbay Street and Somers Avenue given their proximity to the Winsor Reserve. Further mitigations will be assessed as required on a case-by-case basis with individual stakeholders.

Figure 7: Construction Location with Nearby Sensitive Receptors

3.3 Justification of Location and Use of Compound

The selection of the location of the compound was cognisant of the following factors and constraints:

- The Compound site lies within land designated for use as a temporary facility for the construction of the Development Activities
- The site is within the Project Boundary
- The land is the only available large open space within proximity of the tunnel portal suitable for supporting tunnelling activities
- The land is accessible from State Controlled Greensborough Road with direct access to the M80 motorway for spoil disposal to avoid impacts to local roads
- Proximity to the permanent works for the workforce
- Be of sufficient size to allow its safe operation for the intended purpose of the compound
- Be of sufficient size to provide the intended function for the workforce in the one locality
- Does not impede existing Pedestrian and vehicular access
- Is within proximity of major public transport facilities for workforce accessibility and to minimise personal vehicle traffic
- Access to compound via existing arterial road infrastructure only
- Minimal impacts to existing businesses (commercial and retail) including no impacts on existing street exposure, vehicular and pedestrian access, and parking amenities.

The Compound is deemed to have a minimal impact in terms of the following aspects:

Future Land Use: The Compound is located on public land which is to be handed back to and in consultation with Banyule City Council to an improved standard to the current condition & functionality, resulting in overall community benefit.

Proximity to Works: The compound's location to the northern tunnel portal provides the shortest spoil transfer route to the Construction Compound therefore minimising impacts to further sensitive receptors.

Nearby Residents: While it is acknowledged the Compound will result in a removal of Public Open Space for nearby residents, it is considered a necessary procedure as it is the only available large open space within proximity to the tunnel portal that is suitable for supporting tunnelling activities. Additionally, a portion of the existing reserve will be maintained as recreation space for public use. Further, there are several areas of Public Open Space in proximity to the Compound which will suitably provide areas of open space for nearby residents' health and amenity including, but not limited to, the Macleod Oval, Macleod Park, and Harry Pottage Reserve. Noise impacts from the Compound will be limited through the provision of acoustic amelioration walls so that the impact on resident health and amenity minimised as much as possible. The acoustic noise wall along the southern boundary will be installed at an offset distance of up to approximately 5 meters from residential properties with the area to be fenced off for security purposes and maintained by the Project or as required by Banyule City Council.

Additionally, altering the internal layout of site facilities including workers facilities from the southwest corner to the northeast corner and relocation of the Grout Plant and Water Treatment Plant from the southern site boundary further north adjacent to the shed structure, has occurred as a result of community feedback. Added community benefit has been made available by the site extent for the Construction Compound being reduced, allowing the western section of the parklands remaining publicly accessible during operation of the Spoil Handling Facility.

Sensitive Receptors: All existing pedestrian and cycle infrastructure around the site will be maintained where practical and safe to do so. Pedestrian lights will be installed at the Spoil Handling Facility entry as determined by the approved workplace traffic management plan

Business Impacts: Impact to nearby businesses are expected to be minimal following acoustic protections being installed to the building & with only truck movements progressing to Greensborough Road through dedicated traffic signals. Communication to any businesses in the wider area will be as per Section 6. Impacts to businesses due to the increased heavy vehicle movements will be managed in consultation with Banyule City Council and the Traffic Management Liaison Group.

Cultural Heritage: The area does not feature any direct impacts with identified Aboriginal Cultural Heritage (CHMP 15576).

Flooding: The compound location is not subject to a Floodway Overlay or Land Subject to Inundation Overlay in the Banyule Planning Scheme.

Flora and Fauna/Arboriculture: The Compound has been located within the footprint of the Winsor Reserve and some vegetation will be directly impacted by construction works. The design of the facility

has focused on retaining four (4) large trees immediately behind the rear fence of the childcare centre. Additionally, a fifth tree is able to be retained along the southern boundary that falls outside of the noise wall construction footprint. Trees located in the southwest corner of the site within the works extent are unable to be retained due to installation of the noise wall and location of the truck route and swept path that is required for maintenance and servicing of the Grout Plant and Water Treatment Plant as required. Trees being retained on the southern boundary will be protected by hoarding in accordance with the TPZ requirements in the Tree Protection Plan. Trees to be protected on the northern boundary along Somers Avenue median, will be protected in accordance with TPZ requirements in the Tree Protection Plan.

Table 5: Avoid, Minimise and Mitigate Impacts of Compound Implementation

Incorporated Document Requirement	Details of Implementation – Winsor Reserve Construction Compound
Avoid	▪ Avoids interaction with local roads and parking ▪ Avoids impacts to protected flora and fauna
Minimise	▪ Minimise impact to residents by having shortest possible material transfer route from the tunnel portal. Note the transport of the tunnel spoil via a continuous conveyor is enclosed within its own acoustic clad structure. ▪ Minimise noise from operations within the Winsor Reserve site, as the building and site treatment plants are either specially acoustically designed or surrounded by noise walls where required by the Noise and Vibration Impact Assessment (NVIA) ▪ Minimise traffic impacts by access into and out of the site only being available from Greensborough Road (State Controlled) and not Council controlled roads ▪ Minimise overshadowing and other impacts to residents west and south of the site by moving the site as far as possible from residential properties without clashing with the works ▪ Within the Environment Protection Act, the General Environmental Duty (GED) requires the elimination or to minimise the risks of harm from noise, as far as reasonably practicable. ▪ Impacts on and the removal of trees is avoided through the retention of four (4) mature trees proximate the southern boundary ▪ Additionally, a fifth tree is able to be retained along the southern boundary that falls outside of the noise wall construction footprint.
Mitigate	▪ Mitigate impact of vehicle movements by implementation of dedicated traffic signals at the entry of the facility. Note the sequencing and traffic phasing of all intersections and gates necessary for accessing all of the NEL works via Greensborough Rd is under detailed design development with the Department of Transport for their final approval.

3.4 Alternate Locations Considered

There are no other areas within or adjacent to the project site that have the size required to accommodate the necessary spoil facility.

The table below summarises key reasons the site is the preferred option for the spoil facility.

Table 6: Key Reasons for Site Selection

Description	Winsor Reserve
Is the site within the permanent footprint of the works or has the site been allocated for use as	Yes Avoids requirement to obtain additional land for the construction of the works

Description	Winsor Reserve
a temporary works facility	
Is the land available when the compound is required to be constructed	Yes The land has been specifically allocated for the use of temporary works including a spoil shed due to the proximity to the tunnelling portal
Is the area immediately adjacent to the Construction Site Works	Yes The site is as close to the northern tunnel portal as any other available land within or adjacent to the project boundary and is the only land of suitable size and location to establish the Construction Compound
Is access to the compound available from existing road network with suitable signalised intersections to State controlled roads	Yes Access from state roads only, avoiding impacts to local road network
Are any trees required to be removed for the purposes of temporary facilities only	Yes Requires tree removal (subject to appropriate permits) to allow construction of the temporary facility including site offices, vehicle swept paths and access for maintenance and servicing of plant.. Minimises impact by retaining four (4) mature trees on southern boundary. Additionally, a fifth tree is able to be retained along the southern boundary that falls outside of the noise wall construction footprint.
Would the compound at this location impede construction of the works including spoil handling from tunnelling operations	Avoids requirement for further compounds / relocations
Would the compound need to be moved during construction	No Not possible to relocate during construction. Site must be available for entire tunnelling duration
Is the site the least disruptive to local residents (via location to residential properties)	Yes Avoids impacts to other residential and business receptors if an extended conveyor was required to traverse Greensborough and other roads to alternate sites well off the project

There are no alternative locations within the project boundary and within the footprint of permanent works that are proximate the TBM operations outside of environmental no-go areas that are able to accommodate the necessary compound and spoil shed.

Table 7 provides a high-level assessment of the Windsor Reserve site.

Table 7: Site Selection Assessment

Impact	Avoid	Minimise	Mitigate	Comment
Tree Removal		✓		Requires tree removal (subject to appropriate permits) to allow construction of the temporary facility. Minimises impact by retaining four (4) mature trees on southern boundary.

Impact	Avoid	Minimise	Mitigate	Comment
				Additionally, a fifth tree is able to be retained along the southern boundary that falls outside of the noise wall construction footprint.
Future Land Use			✓	The site will be used during the NEL construction phase and is to be restored for recreational use after project completion.
Proximity to Works		✓		Adjacent to main construction site for critical works.
Sensitive Receptors			✓	Area is directly adjacent to sensitive receptors and will require noise mitigations both in the building structure and on-site boundaries.
Business Impacts		✓		Minimal impact to local business.
Cultural Heritage	✓			The land is within the CHMP 15576. Cultural Heritage Due Diligence Assessment prepared for the site identified that the site has been subject to extensive impacts associated with previous remodelling of the reserve and that the potential for Aboriginal cultural heritage to be present in undisturbed contexts is considered to be very low.
Flooding	✓			Not located in a flood overlay

3.5 Work Activities and Timing

The compound construction works are anticipated to begin in Q4-2022. Once the compound is established, they will remain in place until the end of the project (expected Q4 2027) or until supported tunnel construction activities are completed, after which they will be demobilised, and the sites returned to an improved condition as per Clause 4.12.2(f) of the Incorporated Document.

It is expected to take approximately 12 months to establish the compound as shown below in Table 8.

Table 8: Winsor Reserve Spoil Handling Facility (Setup Activities and Indicative Timings)

Compound	Occupation	Mobilisation Duration	Work Activity Timing (approximate dates)
Winsor Reserve Spoil Handling Facility	Q4 2022 Site occupation for foundations and earthworks Q3 2023 Shed Commissioning and Testing	Commencing Q4 2022 12 Month Mobilisation and establishment period prior to operational commencement	Month 1: ▪ Setup environmental controls & monitoring for air, noise, and vibration as per the WEMP ▪ Survey and set out ▪ Perimeter fencing, hoarding & site delineations ▪ Vegetation removal ▪ Site stripping works ▪ Installation of safety barriers (for access and egress roads and for delineation of pedestrian and vehicular traffic where needed) Months 2 - 4: ▪ Shed Foundation Works ▪ Hardstands / concrete slab works ▪ Access Roads ▪ Office Facility Establishment ▪ Workforce amenity buildings ▪ Staff car parking ▪ Commence construction of Noise Wall

Compound	Occupation	Mobilisation Duration	Work Activity Timing (approximate dates)
			Months 5- 10: ▪ Finalise construction of Noise Walls ▪ Shed installation (Frame / Walls / acoustic treatments) ▪ Internal fit out of storage bins, concrete access roads, conveyors ▪ Grout plant installation ▪ Water Treatment facility installation Months 11-12: ▪ Commissioning works for shed, conveyor, grout plant, water facility

3.6 Operation of the Compound

The operation of the Construction Compound will be in accordance with this Plan and relevant EPRs included in the approved EMF. This Plan has been prepared in reference to the Construction Environmental Management Plan (CEMP), Communication and Communication and Community Engagement Plan (CCEP) and Construction Noise and Vibration Management Plan (CNVMP).

The Construction Compound shall support works to deliver the Winsor Reserve Spoil Handling Facility including the spoil shed, temporary carparking, and offices. These work activities and the corresponding environmental implications will be detailed in the Worksite Environmental Management Plan (WEMP).

The following activities would typically occur in the compound:

- Pre-start meetings
- Carparking and minor deliveries
- Storage of vehicles, plant trucks, and construction materials
- Spoil receival, handling, and loading for disposal
- Treatment of water from tunnelling and spoil handling operations
- Production of grout for tunnelling operations
- Office Amenities for white collar workforce
- Blue-collar Workforce Amenities including buildings for bathrooms, first aid and a meals/crib room
- The holding of site safety briefings each morning
- Localised staff car parking
- Storage of hazardous substances
- Storage of tools, equipment, and non-hazardous substances within shipping containers
- Worker washrooms.

3.7 Working Hours

The primary use of the compound facilities will require 24/7 Operation from completion of commissioning works until end of tunnelling activities in 2027.

EPR Prescribed Working Hours:

- Monday to Friday: 7am to 6pm
- Saturday: 7am to 1pm

EPR NV3 & NV4 allows for case-by-case approval for extended work hours for Unavoidable Works which include amongst other things:

- Tunnelling works including mined excavation elements and the activities that are required to support tunnelling works (i.e., spoil treatment facilities).
- Other works where a contractor demonstrates and justifies a need to operate outside EPR prescribed working hours and exceed the noise guideline targets such as work that once started

cannot practically be stopped. If the out-of-hours works are justified, the noise emissions and their impact are to be minimised as far as reasonably practicable.

3.8 Management of Impacts

Work activities have been located to avoid impacts to sensitive receptors where possible. Traffic is assessed through Greensborough Road (State Road) and not through local streets. The spoil shed and access will be located in the middle of Winsor Reserve. The shed will be enclosed and acoustically treated to minimise external noise impacts. Noise walls over varying heights (4-6 metres) will minimise noise impacts associated with the operations within the site, including those operations unable to be fully enclosed such as the grout plant and water treatment plant.

Potential impacts associated with establishing and operation of the compound have been identified by assessing sensitive receptors, compound activities (e.g., vegetation clearing for placement of compound), and compliance with EPRs.

This section describes the application of controls associated with avoiding and mitigating these impacts through the implementation of the project management plans required by the EPRs including the CEMP and sub plans, Transport Management Plan and the CCEP. The WEMP covering each compound will prescribe the site-specific environmental management measures to mitigate the risks and impacts in establishing and operating the compound facilities. Refer to Section 7 for a high-level description of Spark's Environmental Management System (EMS), including documents and plans. More information can be found within the CEMP.

3.8.1 EPR Compliance

The applicable EPRs have been addressed through development of project specific management plans or procedures and controls that will be implemented across the Primary Package and, where applicable, for this Plan. The EPR Plans listed in Table 9 have been developed and implemented for activities associated with the Primary Package. Compliance with each individual EPR is summarised in Table 11 of this Plan.

If the out-of-hours works are justified, the noise emissions and their impact are to be minimised as far as reasonably practicable. The residual risk of harm is to be assessed and contingency measures implemented to address it wherever necessary.

Table 9: Primary Package - Management Plans Required by the EPR

Required Management Plans	Relevance to this Plan
Dust and Air-quality Management and Monitoring Plan (AQ1)	The Dust and Air Quality Management and Monitoring Plan details the overarching management methods and controls in relation to dust and air quality. The operations and activities within the construction compound will adhere to the management plan.
Tree Removal Plan and Canopy Replacement Plan (AR1, AR3)	Tree Removal Plan and Canopy Replacement Plan outlines the broad Primary Package management procedures that will be followed by the Construction Compound works. Definitive tree removal guidance will be outlined in the relevant WEMP. These documents will be informed by site specific arboricultural and ecological reports for all trees that are to be removed associated with the construction of the Compound.
Tree Protection Plans (AR2)	Tree Protection Plan will be followed for works within the compound. This plan outlines management procedures in relation to site tree protection measures including establishing tree protection zones for retained vegetation. Definitive tree protection guidance will be outlined in the Winsor Reserve WEMPs. These documents will be informed further by site specific arboricultural and ecological reports for all trees associated with the Construction Compound that are to be protected.
Spoil Management Plan (CL1)	A Spoil Management Plan will be used to inform the management of spoil including but not limited to; stockpiling, soil categorisation, transportation and disposal associated with works within the construction compound. Site specific soil management guidance will be outlined in the WEMP.

Required Management Plans	Relevance to this Plan
Ground Movement Plan (GM2)	The Ground Movement Management Plan is utilised to assess the risk of ground movement from construction and use of the compound. This plan will inform site specific management controls in the WEMP.
Groundwater Management Plan (GW1)	The Groundwater Management Plan will be used to assess the impacts of the construction compound on the groundwater in the area. This plan will inform site specific management controls in the WEMP.
Archaeological Management Plan (HH2)	The Archaeological Management Plan will be used to assess the potential for impacts of the construction compound on historical heritage places. Note: Cultural heritage will be managed in accordance with the approved Cultural Heritage Management Plan (15576).
Construction Noise and Vibration Management Plan (NV3)	The Construction Noise and Vibration Management Plan outlines the monitoring and guidelines to minimise noise impacts on sensitive receptors outlined in Section 3.2. Definitive noise and vibration management guidance will be outlined in the WEMP. These documents will be informed further by noise and vibration assessments where required associated with the Construction Compound and its surrounds.
Surface Water Management Plan (SW5)	The Surface Water Management Plan outlines guidelines to minimise surface water impact on nearby waterbodies. This plan will inform site specific management controls in the WEMP.
Sustainability Management Plan (SCC1)	The Sustainability Management Plan is utilised to assess compound sites for sustainable opportunities.
Transport Management Plan (T2)	The compound has various interface with community-based pedestrians, cyclists and vehicle traffic as well as generating additional traffic due to the introduction of construction workers to the area. The Transport Management Plan addresses the transport related concerns that may arise throughout the duration of the construction compound lifecycle and presents clear solutions to keep the compound environment safe and limit impact to nearby sensitive receptors.
Flood Emergency Management Plan (SW7)	The Flood Emergency Management Plan consider impacts consider compound including the process for response to flood risks impacts of flooding. There is no flood overlay at Winsor Reserve.
Communication and Community Engagement Plan (CCEP) (SC3)	The works within the construction site will be undertaken as per CCEP. Communication and Community Engagement Plan has been referenced as per Section 6 of this Plan.

The requirements of these Management Plans, and other EPR related plans which may be applicable to this CCP, are addressed in the Worksite Environmental management Plan (WEMP) applicable to this works area. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities.

3.8.2 Preliminary Risk Assessment and Identification of Impacts

The risk to sensitive receptors and the environment has been assessed as part of the preparation of this Plan. Based on the activities detailed in Section 3.6, the risks below have been identified with proposed controls to manage this risk associated with compound mobilisation activities.

From the assessment, some aspects of compound establishment and operation have specific environmental and / or community sensitivities. These sensitivities, specifically air quality, ecology, arboriculture, landscape and visual, noise, surface water and waste impacts are highlighted because they are most relevant. Environmental risks and controls listed below will be further informed by pre-construction environmental assessments. These controls will then be contained in the WEMPs associated with the construction activity.

All risk ratings were assessed by considering likelihood and consequence of each risk in the context of the specific site locations.

Table 10: Preliminary Amenity Risk Assessment (Amenity)

Relevant EPRs to this Compound	Environmental Aspect	Potential Risk	Initial Risk Level
AH1	Aboriginal Heritage (AH)	Unexpected discovery and potential disturbance or impact to cultural heritage.	Low
AQ1, AQ6	Air Quality (AQ)	Dust generation causing potential human health impacts Deposition on buildings and vehicles Odour	Low
AR1, AR2, AR3, FF1, FF2, FF3, FF4, FF5, FF6	Arboriculture (AR) / Flora and Fauna (FF)	Native tree damage/removal without appropriate permit/approval	Low
LV2, LV3	Landscape and visual (LV)	Light spill during the use of compound office outside of the EPR prescribed working hours resulting in impact on sensitive receptors.	Low
NV3, NV4, NV10	Noise and Vibration (NV)	Nuisance noise generated by operation of the compound Community concern / complaint Noise impact from morning pre-starts The compound will operate outside EPR prescribed working hours	Med
SW1, SW3, SW5, CL5	Surface Water (SW) / Contamination and Soil (CL)	Adverse impacts to water quality Adverse impacts to aquatic flora and fauna Disturbance of watercourse stability, waterway modification Uncontrolled release of poor-quality water (turbid, high/low pH, other)	Low
LP1	Land Use Planning	Land use impact to residents	Low
SC1, SC2, SC3, SC4, SC6, B1, B2, B3, B4, B5, B6, B7, B8	Social and Community/ Business	Impacts on formal active recreation, education, and other facilities Amenity impacts on businesses impacted by the Compound Damage to utility assets Impacts to nearby businesses	Med
SCC1, SCC2, SCC4, SCC5	Sustainability and Climate Change	Environmental impacts associated with waste facilities at the compound. Environmental impacts associated with resource consumption. Greenhouse gas emissions from electricity use. Water supply impacts through potable water.	Low
T2	Traffic and Transport	Impacts to the community in relation to pedestrian and cyclist infrastructure, shared user pathways, public transport routes. Car parking and access to local roads. Impacts to operational capacity of the local road network and intersections.	Low

These risks including controls and mitigation strategies will be further detailed in the WEMP applicable to this work area. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities. Further mitigations will be assessed as required on a case-by-case basis with individual stakeholders.

4 Risk Assessment Identification of Impacts

From the environmental risk and EPR compliance assessment, some aspects of the compound have specific environmental and / or community sensitivities. These sensitivities and their risks and controls are addressed in Table 11.

Table 11: Residual Risk Assessment

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
Aboriginal Heritage (AH)				
AH1	Unexpected discovery and potential disturbance or impact to cultural heritage	Low	All works shall be managed in accordance with the approved Cultural Heritage Management Plan (CHMP 15576). Spark shall comply with the CHMP requirements and in consultation with the Registered Aboriginal Party and Aboriginal Victoria. Cultural heritage inductions will be provided for all personnel involved in ground disturbing activities associated with the establishment works for the compound.	Low
Air Quality (AQ)				
AQ1, AQ6	Dust generation causing potential human health impacts	AQ1, AQ6	Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP. ▪ Dust generation will be kept to a minimum when establishing the compound. ▪ Construction compounds to be asphalted/sealed roads to minimise dust associated with vehicle movements. ▪ During construction of compound, dust mitigation techniques will be used to minimise impacts on human health. These measures will include the use of street sweepers and water carts, as necessary, to minimise impacts on sensitive receptors. ▪ Mud tracking and dust on roads to be minimised through use of stabilised site exits established prior to the construction of the compound as well as maintenance of internal site truck routes ▪ Trucks exiting the site will be required to have covered loads. ▪ All truck and trailer filling and loading will occur inside of the shed, which will assist in preventing nuisance dust ▪ Wheel Wash facilities will be installed at site exit points Ventilation of the structure will be provided as follows: ▪ Turbine Ventilators (i.e. Whirlybirds) ◦ Three (3) 450mm diameter turbine ventilator per bay to the spoil shed. Finish to match roof sheeting. ▪ Louvres ◦ 3m x 1.5m fixed blade metal louvres including vermin mesh and flashings. Spoil shed louvres will have acoustic	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			performance capability. Finish to match wall sheet.	
Arboriculture (AR) / Flora and Fauna (FF)				
AR1, AR2, AR3, FF1, FF2, FF3, FF4, FF5, FF6	There are amenity trees impacted by the location.	AR1, AR2, AR3, FF1, FF2, FF3, FF4, FF5, FF6	An ecological assessment will be undertaken prior to works commencing to: ▪ Determine the requirement for a permit under the Flora and Fauna Guarantee Act 1988 (FFG Act), these will be obtained as required. ▪ Assess vegetation impacts to inform the 'avoid and minimise' statement which will articulate the steps taken to avoid and minimise impacts to native vegetation as part of the design and construction of the compound. ▪ Map the location of native fauna habitat that will require supervision during site establishment to ensure compliance with the Wildlife Act 1975 and Fisheries Act 1995. The ecological assessment will be completed prior to site establishment. A report will be prepared detailing the results of the assessment, requirements for a FFG permit, avoid and minimise statement, offset calculations in accordance with the Guidelines for the removal, destruction or lopping of native vegetation (DELWP 2017), and a map showing the location of fauna habitat requiring supervision during site clearing. The ecological assessment will be included in the WEMP. Prior to any disturbance, clearing or grubbing activities in any locations the following must be in place: ▪ An internal Permit to Clear or equivalent (including pre-clearing checklist). Followed by a post-clearing checklist or equivalent. ▪ No-go Zones for significant flora and fauna must be established and TPZs, fenced/flagged and sign posted prior to commencement of clearing (FF1, AR2). ▪ A wildlife catcher/spotter with Management Authorisation under the Wildlife Act 1975 needs to conduct a search for any wildlife that may need to be removed and relocated, immediately prior to habitat removal. There are no EMF No-go Zones in the proximity of the construction compound. Any additional No-go Zones established for the construction compound area, such as native vegetation/trees to be retained, are to be fenced. These additional No-go Zones are to be determined by the ecology assessment and shown on the WEMP. Any damage to No-go Zone fencing or signage must be reported to supervisor or Environment Manager immediately. In regard to arboriculture management for the Construction Compound the following documents	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			will be used to outline management procedures and methodologies in compliance with the EPRs: ■ AR1: Tree Removal Plan and Canopy Replacement Plan ■ AR2: Tree Protection Plan ■ CEMP A detailed arborist assessment will be undertaken prior to works commencing to determine the exact extent of tree impacts due to the Construction Compound. Prior to any tree removal works an ecological and arborist assessment of the Construction Compound is to be undertaken and records to be taken of proposed removals. All tree removals as per the Tree Removal Plan are to be approved by the State. Coordination of tree removal will be undertaken between the site works team, Project Environmental Representative, and a qualified arborist to ensure that tree removal is minimised during the site compound setup works. Records will be maintained for any removals in order to meet EPR AR1.Trees located in the south west corner of the site within the works extent are unable to be retained due to installation of the noise wall and location of the truck route and swept path that is required for maintenance and servicing of the Grout Plant and Water Treatment Plant as required. Trees being retained on the southern boundary will be protected by hoarding in accordance with the TPZ requirements in the Tree Protection Plan. Trees to be protected on the northern boundary along Somers Avenue median, will be protected in accordance with TPZ requirements in the Tree Protection Plan. Tree Protection Fencing where required is to be installed in accordance with AS 4970-2009 Protection of trees on development sites and the following methodology: ■ To the extent agreed to with the Environment Team and or the Project Arborist ■ Constructed from 1.8m temporary fence panels or paraweb fencing that is secured to metal pickets using fencing wire or similar. ■ Braced as required to provide an adequately robust structure, and signage used to designate area as TPZ/No Go Zone. ■ Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP. ■ Further ground truthing and survey work is required to refine tree impacts, a project arborist is to be engaged to identify trees for retention and removal on-site. ■ Utilise porous surfaces wherever possible to limit impacts to tree roots. ■ Project Arborist to supervise any works including installing crib huts under tree canopies.	

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			▪ Established Tree (and / or vegetation) Protection Zone (TPZ), fencing in accordance with the Tree Protection Plan ▪ Establish no go zones to restrict access to environmentally and culturally significant areas.	
Landscape and Visual (LV)				
LV2, LV3	Light spill during the use of compound office outside of the EPR prescribed working hours resulting in impact on sensitive receptors	Low	▪ Where the compound is operating outside EPR Prescribed Working hours, lighting towers/security lighting will be angled and placed to avoid impact on nearby sensitive receptors. ▪ 4.0-6.0 metre high Perimeter fencing/hoarding to be installed around the Site will minimise light spill to adjoining properties from the site, including from grout plants and water treatment plants. ▪ Vegetation to be kept where possible to minimise light spill. While it is noted the EPRs only require overshadowing analysis for permeant structures, given the scale of the proposed spoil shed and noise walls, overshadowing diagrams have been prepared (Appendix B). The assessment demonstrates that the proposal will not result in any additional overshadowing of secluded private open spaces during the September equinox. Note, the September equinox has been chosen as a representative period being the midpoint between seasons where the Earth is not tilted toward or away from the Sun. This accounts for an average effect for overshadowing expected. The assessment identifies a minor amount of overshadowing to the balance of the public open space to the west of the Compound between 9am and 11am. The extent is minimised to before 1pm and is therefore deemed appropriate.	Low
Noise and Vibration (NV)				
NV3, NV4, NV10	Nuisance noise generated by operation of the compound	NV3, NV4, NV10	**Noise Modelling** Noise modelling has be conducted for the Construction Compound as per the CNVMP and considering the following factors: ▪ Whether the use of multiple plant items simultaneously is proposed ▪ The existing level of ambient noise in the receiving environment. ▪ Whether or not night-works will occur at the location ▪ Duration of works (e.g. is it likely that a receptor will experience multiple days/ nights of exposure to noise from a site?) ▪ Whether use of high impact plant / activities (piling, pipe jacking, hammering, auger, vibratory roller, other tunnelling equipment,	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			generators, excavation, rattle gun, compaction etc.) are proposed at the site ▪ Whether or not there is natural shielding between the works and nearest receptors The aim of the construction noise modelling is to determine whether predicted noise levels will exceed Noise Management Levels for site scenarios and the expected level of exceedance. The noise model outputs shall be used to inform of any additional mitigations that should be implemented. Noise mitigations and controls are outlined in the CNVMP based on the findings of noise models. A preliminary acoustic design report has been developed for use as a communication tool to inform the Design and Construction team of acoustic factors that are to be considered for the work site ahead of permanent/fixed plant being installed. This documents the current state of design for the included activities and is intended to inform the risks associated with the current Construction Compound. Recommendations of the report incorporated in the current design for Winsor Reserve include the construction of Noise Hoarding. The report will be updated as required, as the detailed design for Winsor Reserve continues and additional information is available. **Noise Monitoring** Based on the results from the noise modelling, noise monitoring will be undertaken during works at select locations. These locations are to include the closest sensitive receptors that will be impacted by the works. Noise monitoring results shall be used to validate the model, inform actions, mitigations and controls as required and results will be provided to NELP for review as requested or required, on a regular basis. Throughout the duration of the project noise monitoring will be undertaken during the following instances: ▪ In response to community enquiries: Noise monitoring may be undertaken in response to noise related complaints/enquiries to determine compliance with the construction noise limits as specified in Environment Protection Authority Victoria (EPA) Publication 1834: Civil construction, building and demolition guide. ▪ Out of hours works and checking against noise modelling set for the project: Where scheduled works are outside of normal EPR prescribed working hours and unavoidable works, noise monitoring will be performed to check against background noise levels or against desktop noise modelling predictions. ▪ Construction spot checks: Construction spot checks will be undertaken sporadically throughout the site, including proximate to the water treatment plant and grout plant for	

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			long term monitoring purposes. Spot checks will occur during both day and night works, using a hand-held noise meter or a tripod setup with a noise meter. The measurement must be a 10-minute LAeq with extraneous noise such as road traffic excluded as best as possible for measurement. The LA90 and LA10 should also be recorded. ■ Unmanned monitoring points will be installed at sporadic positions around the Compound for long term monitoring of construction activities throughout the project works. **Noise Mitigation Measures** As per CNVMP, noise is to be minimised as much as reasonably possible throughout all construction works. As a result, the following noise controls will be implemented where reasonable throughout all compound setup and operations. ■ Construction of the compound shed to acoustically enclose works. ■ Noise walls and acoustic sheds create and complete noise enclosure for the site. ■ Acoustic cladding has been installed to conveyor structures to fully enclose the TBM conveyors ■ Site inductions – environmental inductions shall include introduction to noise limits and controls, hours of work, locations of sensitive receptors. ■ Set site entry and egress points as far from sensitive receptors as practically possible. ■ Behavioural practices - toolbox training to encourage the minimisation of noisy behaviour including shouting or loud radios, no dropping materials from height and slamming of doors. ■ Selection of plant considers noise impacts and quieter plant is selected (where possible).. An example of this would be selections of power generators that are silenced. ■ Avoid using plant and equipment simultaneously adjacent to sensitive receptors where reasonably practical. The combined noise/vibration levels could be significantly less when sources operate separately. ■ Letter drops and or door knocks, where appropriate, to notify receptors of potentially noisy upcoming works, where impacts are expected to be audible, and to discuss proposed mitigation. Further mitigations will be assessed as required on a case-by-case basis with individual stakeholders. Additional noise management controls are available as per CNVMP.	

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP. ▪ Where it is reasonably practicable to achieve noise emissions lower than the guidelines of NV3 this should be adopted ▪ In other instances, all works shall aim to not exceed the noise guidelines within NV3 ▪ Low Frequency noise associated with the shed will be reviewed if/as required. ▪ Where unavoidable works are required to be completed (outlined in section 3.7), the Out of Hours Works is to be followed in line with the CNVMP ▪ Out of hours works and checking against noise modelling set for the project: Where scheduled works are outside of normal EPR prescribed working hours and unavoidable works, noise monitoring will be performed to check against background noise levels or against desktop noise modelling predictions if required. ▪ Further pre-construction assessment to be undertaken to assess construction related noise in combination with compound operation. ▪ Trucks will enter and exit from site using approved arterial roads. ▪ Residents will be advised through works notifications of requirements for night works. Noise monitoring will take place during night works. ▪ Spark has a respite and relocation policy in place to support residents through works taking place outside approved hours / for unavoidable works. This respite and relocation will be undertaken in accordance with the provisions of the *Communications and Community Engagement Management Plan* and will be managed on a 'case by case' basis. ▪ Workers will be inducted and trained through ongoing pre-starts and toolbox talks about behaviour expectations to minimise impacts on neighbours.	
Surface Water (SW)				
SW1, SW3, SW5, CL5	Adverse impacts to water quality Adverse impacts to aquatic flora and fauna Disturbance of watercourse stability, waterway modification	Low	Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP. ▪ The Compound does not fall within the Land Subject to Inundation (LSIO) overlay. ▪ Activities/ temporary structures within the compound will be situated away from drainage points as far as practical. ▪ All Hazardous materials will be stored in appropriately self-bunded and ventilated storage containers to ensure any potential of spill is contained within the bund.	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
	Uncontrolled release of poor-quality water (turbid, high/low pH, other)		▪ The hazardous material storge containers will be craned to higher ground in the event of rising water levels with these containers given priority over standard storage materials ▪ Spill Kits and relevant SDS will be available at the location of each Hazchem storage container ▪ Compliance with AS 1940:2017, Dangerous Goods Act 1985 and Dangerous Goods (Storage and Handling) Regulations 2012	
Land Use Planning				
LP1	Land use impact to residents	Low	Impacts have been minimised through ensuring that the area taken for the Compound relates only to what is required for the project. A portion of the western extent of Winsor Reserve will remain publicly accessible as parkland to allow for the residents' recreation.	Low
Social and Community Business				
SC1, SC2, SC3, SC4, SC6, B1, B2, B3, B4, B5, B6, B7, B8	Impacts on formal active recreation, education and other facilities including child care centres Amenity impacts on businesses impacted by the Compound Damage to utility assets Impacts to nearby businesses	Med	Refer to Section 6 regarding working with sensitive receptors, residents, local Council and attending Business Liaison Groups. (B8) The Business Disruption Mitigation Plan will be developed (B1) and Spark will contribute to the Business Relocation Strategy (B2). Protect or, where required, relocate utility assets to the reasonable satisfaction of the service provider and/or asset owners.	Low
Sustainability and Climate Change				
SCC1, SCC2, SCC4, SCC5	Environmental impacts associated with waste facilities at the compound Environmental impacts associated with resource consumption Greenhouse gas emissions from electricity use	Low	Controls that respond to the site's potential impacts associated with waste facilities, water consumption, electricity use and resource consumption will be carried out in accordance with the approved project Sustainability Management Plan. Additionally, measures relating to water, energy, waste and recycling are to be included as a broad control for all site facilities and compounds. ▪ Project has a target of 60% office waste diversion ▪ Rainwater tanks to be added where space allows ▪ Connecting the Construction Compound to electrical mains and purchasing green power.	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
	Water supply impacts through potable water		▪ Suitable and sufficient receptacles (bins, skips, tanks, etc.) provided at the compound to facilitate correct segregation of waste. All receptacles to be labelled and used correctly to avoid contamination. ▪ No overfilling of bins on site, regularly scheduled waste disposal. ▪ Include sustainability opportunities that contribute towards Spark's sustainability targets associated with the compound facilities including car parks and concrete walkways (e.g., recycled asphalt pavement, recycled content (excluding RAP), absolute reduction in material use for pavement, use of carbon neutral or low-carbon products), Site offices - opportunity for achieving ISv2.1 Wfs-4 Sustainable Site Facilities credit.	
Traffic and Transport				
T2	Impacts to the community in relation to pedestrian and cyclist infrastructure, shared user pathways, public transport routes. parking and access to local roads. Impacts to operational capacity of the local road network and intersections.	Med	A Work Site Traffic Management Plan (WTMP) and supporting drawings will be developed in accordance with EPR T2 addressing the traffic engineering characteristics of each compound, with consideration to all modes of movement, access arrangements, car parking, construction vehicle movement, pedestrian and cyclist infrastructure and public transport provisions. A Traffic Impact Assessment (TIA) will further support the documentation investigating impact to the operational capacity of the adjacent road network along with the abovementioned considerations. This documentation will be subject to review and approval by the Relevant Road Authorities under the Road Management Act 2004 and will be approved prior to commencement of establishment of the compound. Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP. ▪ Worksite Traffic Management Plans (WTMPs) detailing site layout and any impacts to amenity will be subject to review and approval by the Responsible Road Authority. ▪ WTMP's illustrating changes to the road network operational capacity will be supported by traffic analysis where relevant ▪ Existing bus stops located adjacent to the compound will be maintained and available to the public and workforce or alternate arrangement implemented as approved by the Relevant Road Authority ▪ Site inductions will detail impacts of construction traffic on the local community. Parking in residential streets and business surrounding the site will not be permitted. Staff will be encouraged to use public transport	Low

Relevant EPRs to this Compound	Potential Risks	Initial Risk Level	Key Controls	Residual Risk Level
			▪ Existing pedestrian & cyclist arrangements to be maintained or alternate arrangement implemented as approved by the Relevant Road Authority ▪ Project communications strategy will keep community informed of forthcoming changes ▪ Access to Compound from main arterial roads such as Greensborough Highway.	

These risks including controls and mitigation strategies will be further detailed in the WEMP applicable to this work area. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities. Further mitigations will be assessed as required on a case by case basis with individual stakeholders.

5 Site Demobilisation and Restoration

The compound will be demobilised at the end of the project or once site activities are finished.

As the compound is wholly within a temporary works area, the compound outlined in this Plan will be demobilised and the sites returned to their prior state as per Clause 4.12.2(f) of the Incorporated Document.

Final restoration of the site to a better than pre-construction condition will be completed to be consistent with the approved UDLP for the site, and in consultation with Banyule Council. This will result in a net positive outcome and community benefit.

Where temporary materials from the compound are removed from site, options to reuse or recycle materials will be considered.

6 Communications, Stakeholder and Community Engagement

6.1 Stakeholder and Community Engagement Approach

A number of environmental and community impacts are identified in Section 3 and proposed mitigations are identified in Section 4.

Spark have consulted with adjacent property owners and businesses to seek feedback on the proposed use of the compound and any proposed mitigation strategies.

The following information was provided to the local community, including adjacent landowners and businesses, as part of the consultation period:

- To support the TBM Launch Site and tunnelling activities this compound will be located in the Project Area at Winsor Reserve.
- There may be impacts as Spark builds and operates the compound.
- The site will be a busy work site with trucks and equipment moving about on a regular basis with 15,000t of material being removed per 24-hour period
- The compound will contain amenities and facilities required for employees at the Construction Compound, as well as an office, a weigh bridge, guard huts, a large spoil shed and a car park.
- Work activities have been located inside the shed to avoid noise and dust impacts where possible, however, there may still be impacts such as dust, noise, vegetation removal, lights at night, light from vehicles and trucks in the area when we start work.
- A number of strategies have been identified to mitigate, minimise, or manage the impacts and these will be discussed with stakeholders.
- Work to build the compound will start in the third quarter of 2022 and operational commencement in the first quarter of 2023. The compound will be operational from 2023 until 2027 until the end of the project. It is noted the timeframes for the compound have since been revised.

Information was provided verbally and with a fact sheet showing approximate size and scale of spoil shed and location in relation to properties.

In addition to consultation with sensitive receptors and land users, the following key stakeholders were advised of plans for the construction compound in regular meetings:

- Banyule City Council
- Melbourne Water
- Department of Defence
- Department of Environment, Land, Water and Planning
- Department of Transport
- Community Liaison Groups
- Business Liaison Groups
- Wurundjeri Woi-Wurung Cultural Heritage Aboriginal Corporation

Multiple door knocks, meetings, and phone calls regarding the establishment of this compound were completed. The consultation area was agreed through discussions on consultation requirements between Spark and NELP with feedback provided by Banyule Council also incorporated.

The door knocks and phone calls related to residential receivers included residents of the following streets and local businesses with regard to the Compound works:

- Somers Avenue
- Torbay Street
- Tuckfield Court
- Lindsay Street

Businesses:

- Specialist Dental Care
- Comfort Inn Greensborough

Educational Facilities:

- Happy Valley Early Learning Centre

Issues raised by the residential receivers, businesses, and educational facilities related to a number of key aspects. Table 12 below summarises the aspects noted by each key stakeholder, and how the issues have been considered and addressed through the consultation process:

Table 12: Summary of Consultation Issues and Reponses

Aspect	Matter Raised	How Matters were Considered and Addressed
Residential Receivers		
Working Hours and CCP Footprint	Extent of operations at Winsor Reserve	Residents were advised that three quarters of Winsor Reserve would be closed to the public from 6 June and fenced off. Major works will start in late 2022 to build an acoustic shed to house dirt from tunnelling boring operations and would be in operation for the duration of tunnelling works. Residents will be advised of working hours once confirmed as planning progresses.
Noise	Prevent/minimise noise to surrounding residents, particularly out of hours work	Residents were advised that the shed is being built to mitigate against noise, dust and light spill during tunnelling operations. Residents will be advised through works notifications of requirements for night works. Noise monitoring will take place during night works. Spark has a respite and relocation policy in place to support residents through works taking place outside approved ours / for unavoidable works. Workers will be inducted and trained through ongoing pre-starts and toolbox talks about behaviour expectations to minimise impacts on neighbours.
Trucks	Construction vehicles and trucks using Somers Ave to access the site.	Residents were advised that trucks will enter and exit from site using approved arterial roads. A dedicated signalised intersection will be built on Greensborough Road so trucks will not have to use local streets such as Somers Avenue. Workers will be inducted and trained through ongoing pre-starts and toolbox talks about the designated haulage route for the project and advised not to travel or park on local streets.
Dust	Prevent/minimise significant dust impacts	Residents were advised that during construction of compounds, dust mitigation techniques will be used including water carts to minimise impacts on sensitive receivers. Street sweepers will be used on surrounding roads as required during construction Once the acoustic shed is built, dirt will be managed inside the acoustic shed to mitigate against dust.
Hoarding	Design of hoarding including height, material, NELP branding	Residents were advised timber hoarding would be built around the site. In addition to this, 4-6 metre high acoustic walls will be erected along portions of the site boundary not covered by the acoustic spoil shed to minimise acoustic impacts on nearby sensitive receptors from operations not contained within the spoil shed. Residents were encouraged to provide feedback on the look and feel of the design (colour of fence, imagery, etc) Residents to be further engaged on options for hoarding designs
Playground and Walking Track Access	Minimise/advise on the recreational areas being used by the project	Residents were advised that the playground and walking track would remain open, with one quarter of recreational scape being retained at the reserve during the project.
Visual Impact Trees	Minimise visual impacts from/of compounds and works – including with appropriate	Residents were advised that the CCP demonstrates an approach to managing light spill with shields, including flora / fauna protection. Noted that several trees will be retained at Winsor Reserve

Aspect	Matter Raised	How Matters were Considered and Addressed
	hoarding heights and colours, managing light, and limiting vegetation screening removal.	
Reinstatement	Timing of reinstatement and what it would look like afterwards	It was noted that further engagement will occur with Banyule City Council and relevant stakeholders on reinstatement. Residents were advised that Winsor Reserve will at least be restored like for like at the end of the project
Vibration	Tunnelling process and works vibration or associated impacts	Ongoing engagement about construction process planning and impact mitigations, including Property Condition Surveys.
Compensation	Voluntary Purchase enquiries	These queries were referred to NELP via the Consultation Manager to explain the VPS process in further detail
Engagement	Appreciate the efforts. Keep us informed honestly, consistently, in good time, and with detail so we can understand potential impacts.	Residents were advised that extensive and broad-reaching communications and engagement program underway to support ongoing information provision to sensitive receivers.
Happy Valley Learning Centre		
Health and Safety	Stakeholder's emergency access gates directly adjacent to the reserve	Centre was advised the gate is not impacted by fencing or hoarding Information provided on worksite to allow Happy Valley to update emergency plans as required Ongoing engagement with stakeholder on the gap between their fence and hoarding and providing assistance when required.
Engagement	Keep us informed honestly, consistently, in good time, and with detail so we can understand potential impacts. Project information to be provided to pass on to parents of kids	Centre was advised that extensive and broad-reaching communications and engagement program underway to support ongoing information provision to sensitive receivers.
Specialist Dental Centre		
Parking	Loss of Winsor Reserve parking	Information provided to tenants (health care practices) and property owner to address parking concerns. Centre was advised of suitable alternative parking available on Somers Ave

Aspect	Matter Raised	How Matters were Considered and Addressed
	used by staff and patients	Ongoing engagement and briefings on alternative solutions, including on street parking availability on Somers Avenue
Engagement	Keep us informed honestly, consistently, in good time, and with detail so we can understand potential impacts.	Centre was advised that extensive and broad-reaching communications and engagement program underway to support ongoing information provision to sensitive receivers.

6.2 Contact Numbers

Big Build Contact Centre: 1800 105 105

6.3 Complaint Management

Table 13: Complaint Management Requirements and Responsibilities

Expectations	How we will meet the Expectations (Minimum Requirements)	Responsible Person – Key Contributor	Deliverables
Procedures are established for effectively dealing with community enquiries and complaints. In adherence to EPR EMF4	**Contractors Enquiry and Complaints Procedures** In accordance with *AS/NZS 10002-2014 Guidelines for complaint management in organisations*, and EPR EMF4 the complaint management system ensures guidelines are in place for the effective and consistent handling of complaints related to the operations of our projects. This process is not applicable to disputes referred for resolution under contractual arrangements or for employment-related disputes. Resolving complaints at the earliest opportunity in a way that respects and values the person's feedback, can be one of the most important factors in recovering the person's confidence about our organisation and the services we provide. It can also help prevent further escalation of the complaint. A responsive, efficient, effective, and fair complaint management system can assist an organisation to achieve this. The system applies to all staff receiving or managing complaints from the public made to or about us, regarding our services, staff, and complaint handling.	Stakeholder and Community Engagement Manager Stakeholder and Community Engagement team Functional Manager(s)	Procedures delivered and verified in CCEP
Enquiries and complaints are recorded, acknowledged, and	**Project Enquiries and Complaints** Consultation Manager will be used as the register for all complaints and	Stakeholder and Community Engagement Manager	NELP enquiry and complaints procedures adhered to. Monthly report of all enquiries and complaints.

Expectations	How we will meet the Expectations (Minimum Requirements)	Responsible Person – Key Contributor	Deliverables
resolved in a timely manner as per EPR EMF4.	enquiries. At a minimum, the following information will be recorded: Interactions via the project number Interactions via the project email address Interactions received via the project webpage Interactions in person Interactions via all other means. Spark Contractors will ▪ resolve all complaints, enquiries, or contacts where they refer to an issue directly related to the works ▪ adhere to the agreed escalation process ▪ notify the PM immediately (for a complaint) or within 24 hours (for all other classifications) if the complaint, enquiry, or contact cannot be resolved or if not directly relevant to the works. All information Captured will be managed in accordance with privacy policies. Complaints and enquiries will be incorporated into monthly reporting and used to identify current and emerging issues that require action. Outstanding enquiries and issues will be discussed at weekly project team meetings. As per the project scope requirements, all complaints will include: (1) names (where provided); (2) contact details (where provided); (3) time and date of enquiry; (4) nature of enquiry; and (5) response provided; The Principal Package team will notify the State within 2 hours of receiving or becoming aware of any: (1) significant community and Stakeholder issues related to the Works (including issues that will likely lead to impacting the project's reputation and safety matters); (2) enquiries that may affect the projects reputation; (3) complaints received, including the information collected on the	Stakeholder and Community Engagement team Functional Manager(s)	Maintain all correspondence in Consultation Manager

Expectations	How we will meet the Expectations (Minimum Requirements)	Responsible Person – Key Contributor	Deliverables
	Consultation Manager Stakeholder Management Database as set out in section 11.6(b), as well as: (A) the location to which the complaint relates; and (B) the method of contact; and (C) Always comply with the North East Link Privacy Policy and any associated policies and notify the State immediately of any suspected breaches of privacy or Personal Information held by the State or the Principal Contractor.		

7 Spark Environmental Management System (EMS)

The Spark EMS for the Primary Package is certified and implemented to the standard AS/NZS ISO 14001:2016 Environmental management systems, in compliance with the requirements of the EMF.

The Spark EMS (Figure 8) follows the standard Plan-Do-Check-Act approach to environmental management.

Plan: Establish environmental objectives and processes necessary to deliver NEL. Spark has extended the objectives, targets, and risk mitigation measures in the EES into the Spark EMS. This process ensures the objectives of the State and Spark are aligned through all phases of the Project.

Do: Execute the Project as planned and in accordance with the EPRs and objectives and targets.

Check: Monitor the processes and procedures against the objectives and targets and report findings and recommendations.

Act: Update processes in response to monitoring activities, non-conformances, and recommendations.

Figure 8: Spark Environmental Management System Framework

Spark's EMS for the Primary Package comprises a hierarchy of the Spark Environmental Strategy, CEMP, WEMP and environmental procedures to effectively mitigate risk and monitor environmental performance and compliance at every level of construction.

7.1 Environmental Strategy

The Environmental Strategy outlines the approach which will be implemented to ensure compliance with the NEL Project environmental requirements including environmental laws, project approvals, approval conditions and the EPRs relevant to the Primary Package, which will be implemented through the CEMP and other management documents (e.g., WEMPs, Urban Design and Landscape Plans).

The purpose of the Environmental Strategy, specifically in relation to this Plan, is to provide:

- A summary of key approvals applicable to the NEL Project and how these are complied with and managed.
- A summary of each EPR and how these will be complied with including proposed actions, timing, consultation, proposed management plans and evidence of compliance (a summary is provided in Section 3.8 of this plan and in Table 11).
- An overview of the management documents that will be prepared to support the implementation of this Plan and other environmental documentation.

7.2 Construction Environmental Management Plan (CEMP)

The Spark CEMP has been prepared to manage the environmental risks from construction activities related to the Primary Package. All works within this Plan shall be undertaken in accordance with the CEMP.

The CEMP includes environmental management sub plans that detail the measures that will be undertaken for the Primary Package to address the applicable EPRs for environmental management during construction.

The environmental management requirements of the CEMP and sub plans will be implemented to address relevant localised requirements of each construction compound, including through the preparation and implementation of Worksite Environmental Management Plans (WEMPs). The WEMPs will cover each construction compound and the relevant construction activities that are supported by the compounds. Implementation of the WEMPs is supplemented by Spark environmental management procedures. These procedures include environmental inspection checklists that will be applied to monitor the installation and maintenance of environmental controls for each construction compound, in accordance with environmental controls and mitigation measures of the CEMP, and environmental management sub plans. This will also be carried out to monitor compliance of the applicable EPRs (as listed in Section 3.8 and in Table 11).

Throughout the implementation of the Primary Package, project environmental monitoring, auditing, and performance reporting shall be conducted as directed by the requirements prescribed in the CEMP.

7.3 Environmental Management Framework (EMF)

The EES includes an EMF and EPRs, which apply to all works within the project boundary. The EMF provides a transparent and integrated governance framework to manage the planning, environmental and heritage aspects of the compound works, and outlines the accountabilities for the delivery and monitoring of implementation of the EPRs.

7.4 Worksite Environmental Management Plan (WEMP)

A WEMP is prepared in line with specific construction work packages and are subordinate to the Construction Environmental Management Plan. They are supported by Site Environment Plans (SEPs) which describe how environmental aspects and impacts will be managed at each area of site for each construction activity or stage. A Site Environment Plan (SEP) will be prepared for each work stage identifying relevant work activities prior to works commencing.

7.5 Independent Review and Environmental Auditor (IEA)

EPR EMF3 ‘Audit and report on environmental compliance’ requires that an Independent Review and Environmental Auditor (IEA) be appointed to review Project management plans and documentation and to undertake environmental audits of compliance with and implementation of the EPRs and environmental plans.

The EMF states that the IEA shall review and verify contractor’s compliance with the EMF, Environmental Strategy, EPRs, WEMPs, and Incorporated Document. The IEA will provide verification that this CCP complies with the requirements of these approvals and documents.

The IEA needs to verify all instances of Unavoidable works as defined in EPR NV3.

Appendix A contains the IEA verification for this Plan.

These requirements, and other EPR related plans which may be applicable to this CCP, are addressed in the Worksite Environmental Management Plan (WEMP) applicable to this works area. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities

8 Review

A Spark internal review of this Plan will be conducted as required or when specifically directed by the State or when there is a major change in compound facilities and/or operations that arises increased environmental risk. This is to ensure consistency of the works with the details and management procedures outlined in this Plan. Additionally, this plan will be reviewed in accordance with the CEMP.

Any update to the CCP will be subject to the satisfaction of the Minister for Planning

Appendix A. IEA Verification

APP Corporation Pty Limited
Level 7, 420 St Kilda Road
Melbourne VIC 3004

Arup Australia Projects Pty Ltd
C/- Boroughs, Level 6,
77 Castlereagh Street,
Sydney, NSW 2000

Aurecon Australasia Pty Ltd
Level 8, 850 Collins Street,
Docklands, VIC, 3008

Reference: TX-CNT-AAA-00955

Wednesday, 14 September 2022

Jim Waller
Chief Operating Officer
North East Link Project
Level 13, 121 Exhibition Street, Melbourne VIC 3000

Paul Yerondais
Chief Executive Officer
Spark North East Link Pty Limited as trustee of the Spark North East Link Trust
Level 14, Tower Three
International Towers Sydney, Exchange Place 300 Barangaroo Ave
Barangaroo NSW 2000

Dear Jim and Paul,

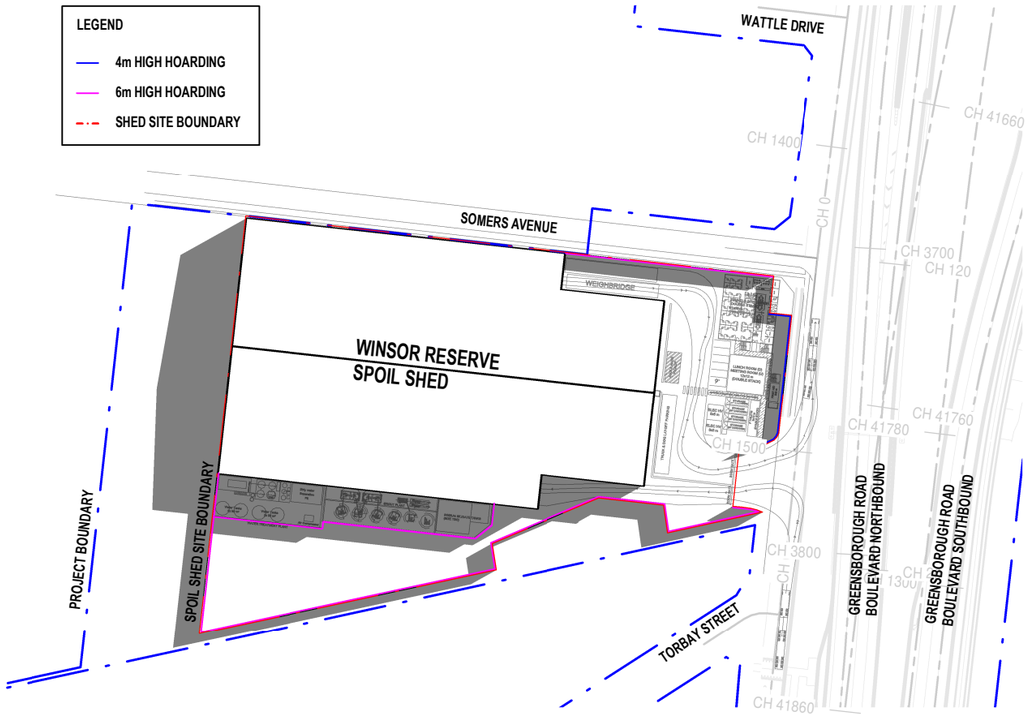
Re: Review and verification of Winsor Reserve Construction Compound Plan (CCP) - Spoil Handling Facility

The IREA has reviewed the Winsor Reserve Construction Compound Plan (CCP) - Spoil Handling Facility (NEL-CNT-SDC-2990-EPA-PLN-0011) Rev B in accordance with the PSDR Part F1 Section 1.11. It is our opinion that the Construction Compound Plan complies with the Environmental Requirements and the Project Documents for the defined scope of works.

Yours sincerely,

David Baigent
IREA Project Director
AAAJV

Appendix B. Overshadowing Assessment



SEPTEMBER 22nd, 9AM

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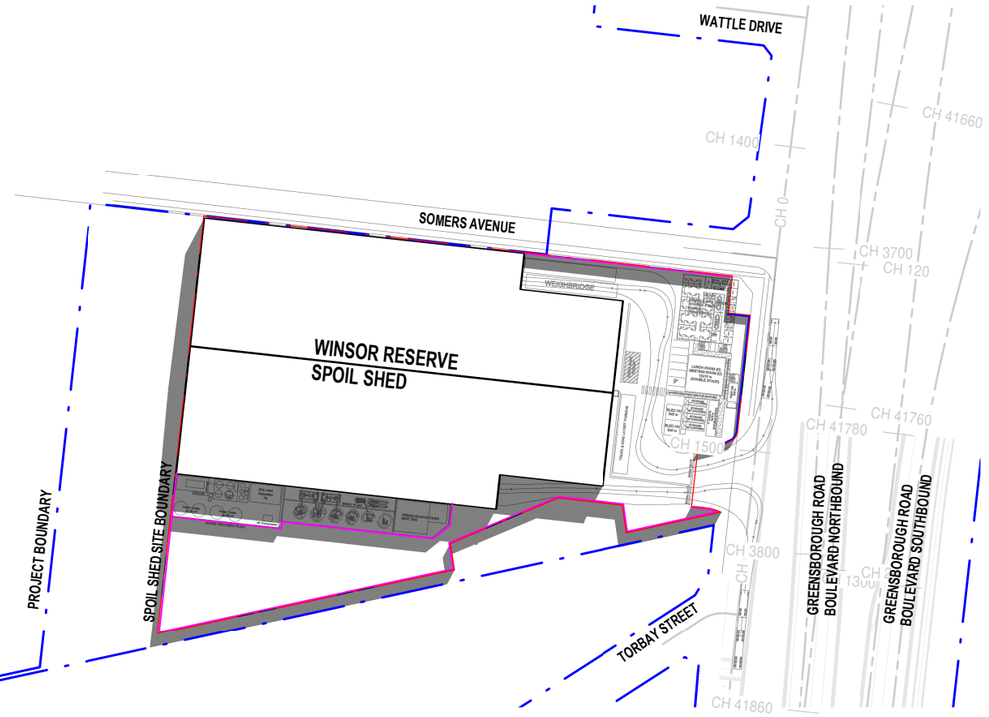

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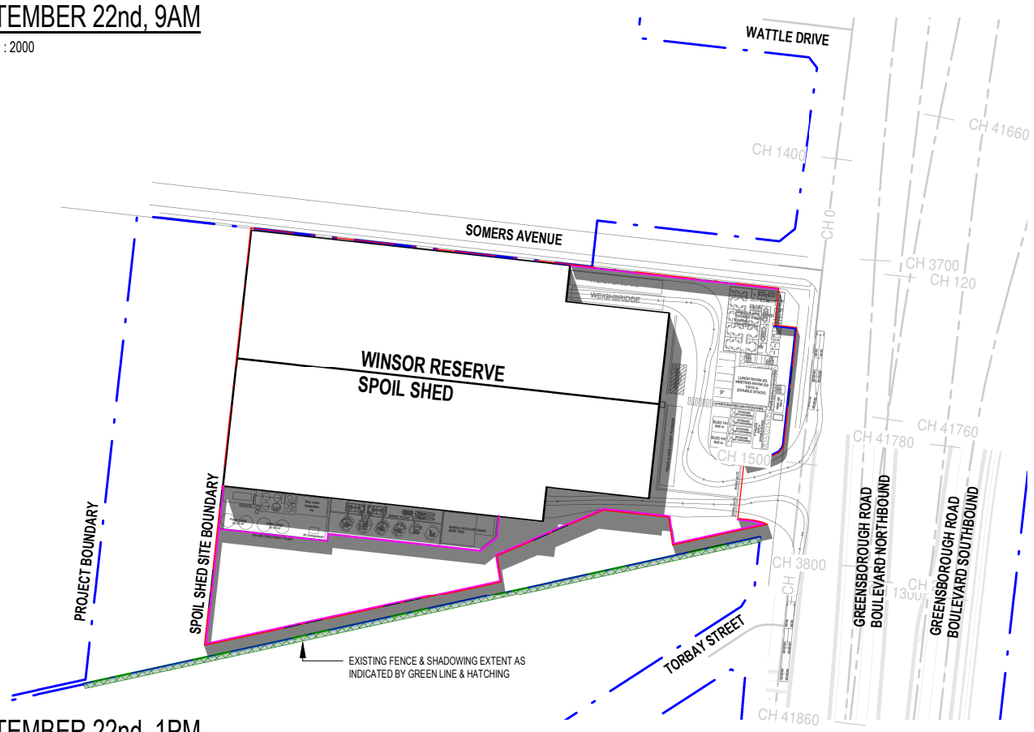

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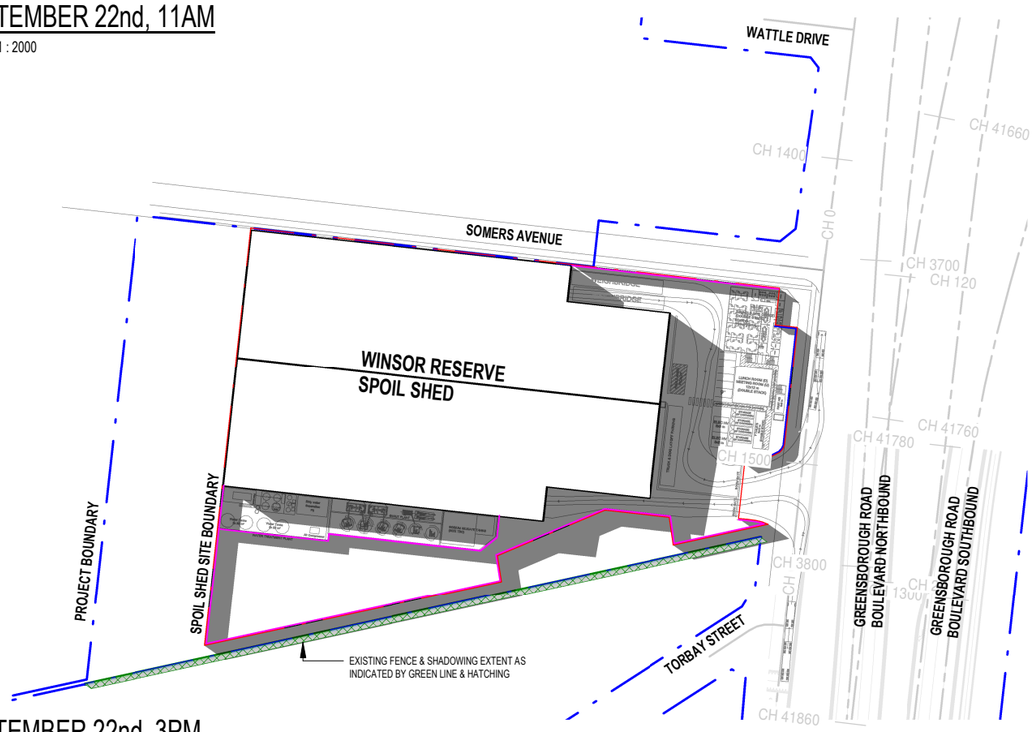

SEPTEMBER 22nd, 3PM

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SKETCH

REV	DESCRIPTION	DATE
A1	SKETCH DESIGN	02.09.22

REVISIONS

	NAME	DATE
DRAFTING CHECKED BY	E. GRIFFITH	02.09.22
DESIGNED BY	M. KEDDELL	02.09.22
ENGINEERING CHECKED BY	R. MARSH	02.09.22
VERIFIED BY	R. WOOD	02.09.22
APPROVED BY		

APPROVALS

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SPARK NORTH EAST LINK

MAJOR TRANSPORT INFRASTRUCTURE AUTHORITY
VICTORIA'S BIG BUILD

NORTH EAST LINK PROGRAM
GPO BOX 4509, MELBOURNE, VICTORIA, 3001
PHONE 1800 105 105

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AREA ALLOCATED FOR QR CODE

DOT DRAWING No.: | Rev.:

NORTH EAST LINK PROGRAM

WINSOR RESERVE SPOIL SHED
OVERSHADOWING ASSESSMENT
9AM, 11AM, 1PM & 3PM SHADOW PLANS

PROJECT CONTRACT:	NELP DRAWING No.:	SUIT. CODE	REVISION
CENTRAL	0011	S3	A1

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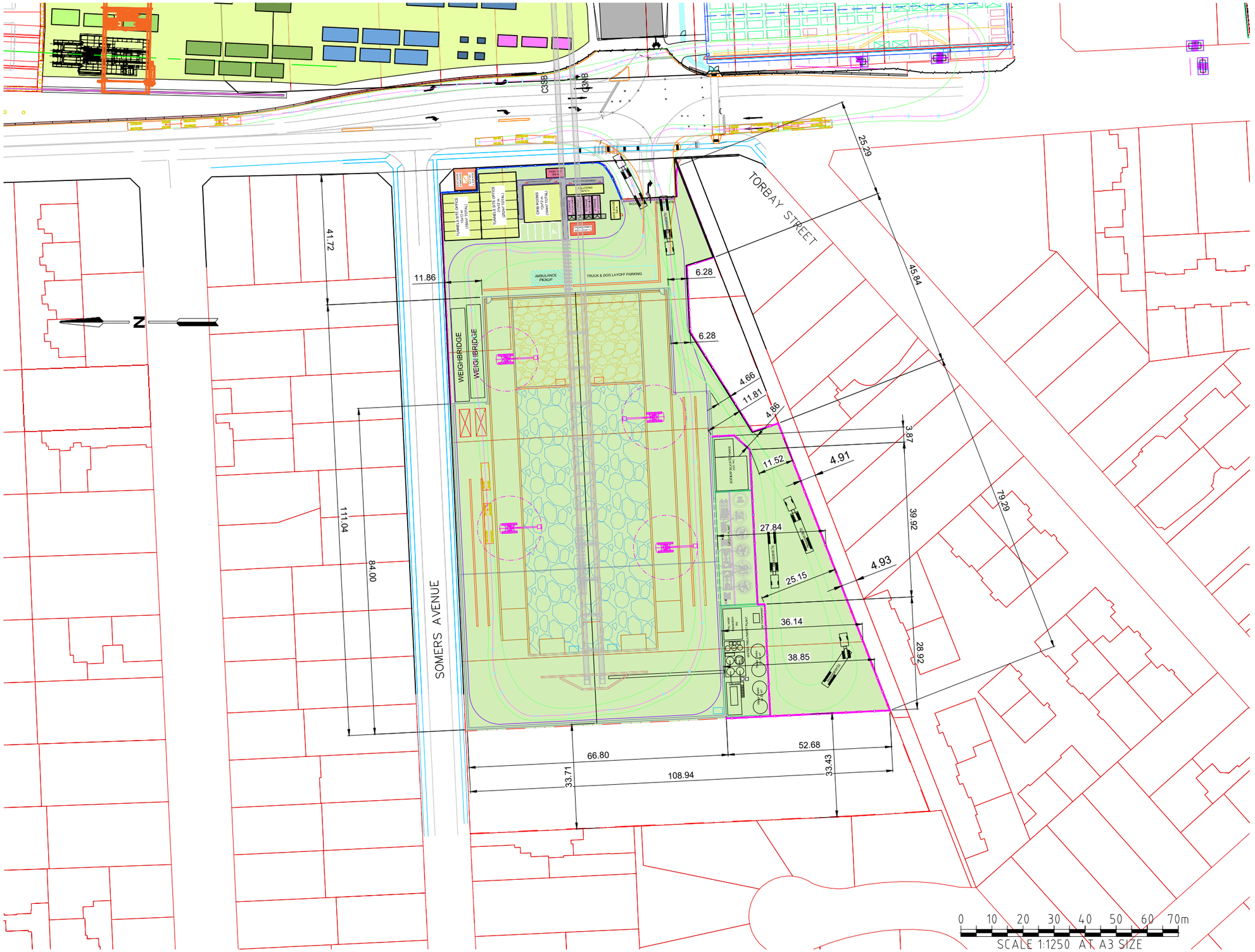
Appendix C. Compound Layout Plan



ISSUED FOR INFORMATION

DOT DRAWING No.: | Rev.:

REV.	DESCRIPTION	DATE
A	ISSUED FOR INFORMATION	31.08.2022

REVISIONS

APPROVALS	NAME	DATE
DRAFTING CHECKED BY	T.MARSHALL	31.08.2022
DESIGNED BY	W.CURLEWIS	-
ENGINEERING CHECKED BY	-	-
VERIFIED BY	-	-
APPROVED BY	A.CHAN	-

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SCALE: 1:1000

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AREA ALLOCATED FOR QR CODE

NORTH EAST LINK PROGRAM

WINSOR SPOIL SHED SITE
GENERAL SITE LAYOUT
SHEET TWO

PROJECT CONTRACT:

NELP DRAWING No.: NEL-CNT-SPK-2100-TEMP-SKT-0051

SUIT. CODE

REVISION A

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