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WASTE MANAGEMENT PLAN

Kellyville Memorial Park, Corner Memorial Avenue and Stone Mason Drive, Kellyville NSW 2155

Proposed Sporting Complex

Prepared for:

Kane Constructions Pty Ltd

Date Prepared

September 2023

Revision:

1.0

State Significant Development #:

SSD-24452965



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Introduction

AusWide Consulting was commissioned by Kane Constructions Pty Ltd to prepare a Waste Management Plan (WMP) for approval of a proposed Parramatta Eels Centre of Excellence sporting complex at Kellyville Memorial Park, Kellyville NSW 2155.

The proposed development consists of:

Sporting Complex
Building A – Community Facilities including 1,500 seat stadium
Building B – Parramatta Eels Centre of Excellence

In the course of preparing this WMP, the subject site and its environs have been inspected, plans of the development examined, and all relevant council requirements and documentation collected and analysed.

This WMP has been prepared based on the following information:

- Architectural Plans provided by HB Arch Architecture & Planning
- The Hills Shire Council Waste Management Plan Template
- WESROC

Background and Existing Conditions

The subject site is located at Kellyville Memorial Park, Kellyville NSW 2155, an open sporting playing field bounded by Memorial Avenue to the north, Stone Mason Road to the east, Kennedy Avenue to the south, and an unnamed road to the east. The primary land use surrounding the area is residential.

The following **Figure 1** provides an overview of the area, and its surrounding land uses whilst **Figure 2** provides an aerial view of the immediate area surrounding the subject site.

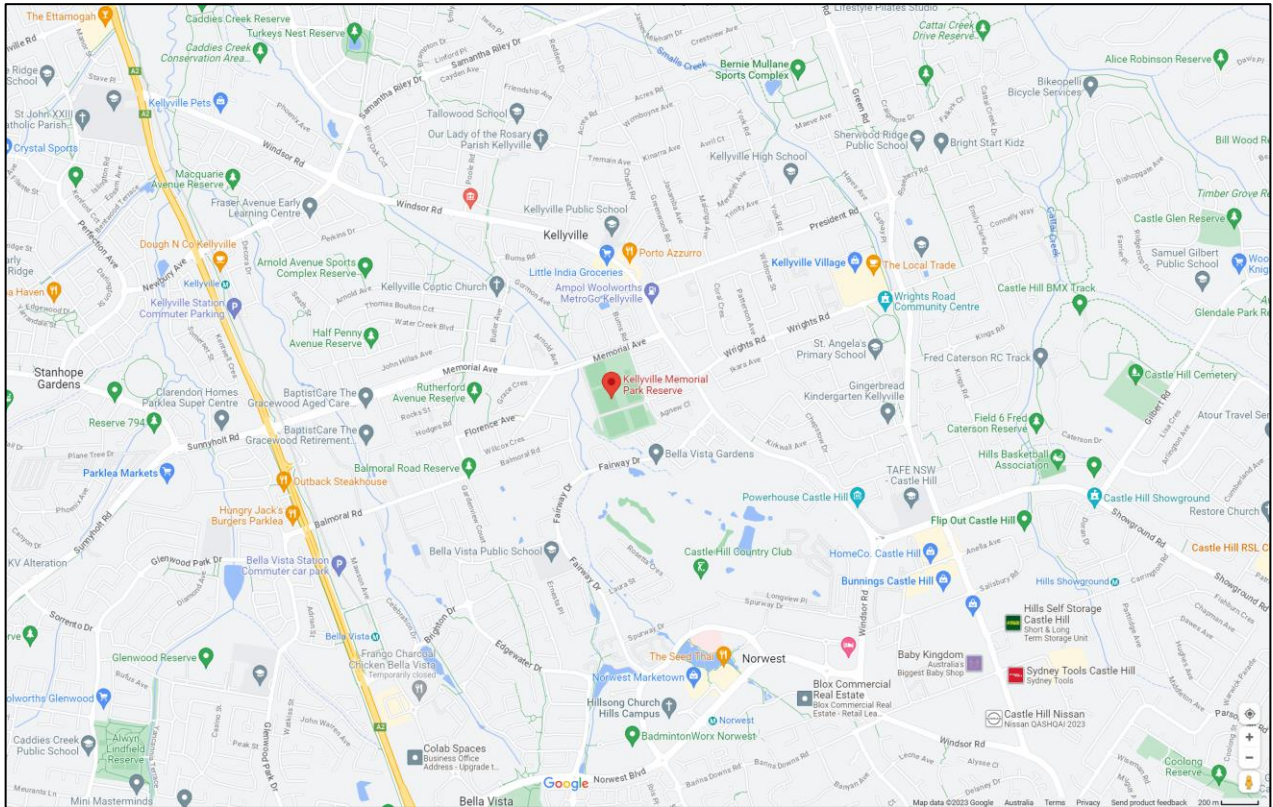


Figure 1 : Location of the Subject Site



Figure 2 : Aerial View of the Subject Site

Proposed Development

The proposed development consists of a sporting centre of excellence and community hub. It will be accessed via the paved driveway off Stone Mason Drive. This waste management plan, consisting of this report and the attached The Hills Shire Council Waste Management Plan

Template, is for the partial demolition of the existing sporting and parking facilities and construction of the sporting centre of excellence and community hub.

Waste Classification

All waste generated to be removed from the site is to be assessed and classified in accordance with the NSW Environment Protection Authority's '*Waste Classification Guidelines Part 1: Classifying Waste*' and be transported and disposed of in accordance with the provisions of the *Protection of the Environment Operations Act 1997* and the *Protection of the Environment (Waste) Regulation 2014*.

Under the EPA waste classification guideline Part 1 "***Building and demolition waste means unsegregated material (other than material containing asbestos waste or liquid waste) that results from:***

- *the demolition, erection, construction, refurbishment or alteration of buildings other than
 - chemical works
 - mineral processing works
 - container reconditioning works
 - waste treatment facilities*
- *the construction, replacement, repair or alteration of infrastructure development such as roads, tunnels, sewage, water, electricity, telecommunications and airports and includes materials such as:
 - bricks, concrete, paper, plastics, glass and metal
 - timber, including unsegregated timber, that may contain timber treated with chemicals such as copper chrome arsenate (CCA), high temperature creosote (HTC), pigmented emulsified creosote (PEC) and light organic solvent preservative (LOSP)
 - but does not include excavated soil (for example, soil excavated to level off a site prior to construction or to enable foundations to be laid or infrastructure to be constructed)."*

It is expected that waste generated from the site during the demolition and construction phases will be classified as "building and demolition waste" and able to be accepted at the nominated skip bin service. Care should be taken to ensure that any asbestos at the site is identified and handled and disposed of by an appropriately qualified asbestos removal contractor.

Food and general waste from the site must not be disposed of into the building and demolition waste, but separate arrangements will be needed for collection and disposal of food and general waste generated from the site offices and amenities. This could be achieved by the use of a private contractor or by using Council kerbside collection if organised with Council.

Waste Volumes

The Council waste management plan template (Attachment B) requires estimation of the demolition waste generation types if over 10m³. Based on the supplied plans, most waste

streams are estimated to be less than 10m³, except for concrete (footings, kerbs and guttering, stands), asphalt (from the car park) and vegetation waste (from clearing of ~20 trees).

The demolition plan is in **Appendix A**.

The Council waste management plan template does not require waste generated from the construction to be quantified if handled by a nominated skip bin service provider. Despite the construction waste volumes not being required to be quantified, and the skip bin provider reprocessing the waste to recover recyclable materials at their facility, construction waste should be minimised whenever possible by adopting the following measures:

- Carefully estimating material volumes to avoid over-ordering
- Working with suppliers to minimise packaging and to take back surplus material when possible
- Prefabricating building elements off-site
- Separating building waste streams and utilising dedicated recycling services, such as Regyp for plasterboard recycling and various metal recyclers for metal recovery

Virgin Excavated Natural Material (VENM)

Virgin Excavated Natural Material (VENM) is not classified as waste so long as it is not contaminated with waste material. Care should be taken to ensure that VENM excavated, reused on site, or taken off site for reuse as fill is not contaminated. It is estimated that 7,863m³ of VENM will be excavated and 5,261m³ reused on site, leaving 2,601m³ to be reused off site. Any stockpiled VENM must be handled in accordance with the site sediment and erosion control plan.

The following soil management measures are intended for the identification and control and disposal of any acid sulphate soils or soil contamination identified during site works:

- any excavated material to be removed from the site is to be assessed and classified in accordance with the NSW Environment Protection Authority's 'Waste Classification Guidelines Part 1: Classifying Waste' and be transported and disposed of in accordance with the provisions of the Protection of the Environment Operations Act 1997 and the Protection of the Environment (Waste) Regulation 2014;
- any fill material imported into the site is to be Virgin Excavated Natural Material (VENM) or material subject to a Resource Recovery Order that is permitted to be used as a fill material under the conditions of the associated Resource Recovery Exemption, in accordance with the provisions of the Protection of the Environment Operations Act 1997 and the Protection of the Environment (Waste) Regulation 2014.

Waste Handling and Storage

The building and demolition waste will be collected using suitable temporary bins (sound metal bins), and these bins moved using appropriate site material handling equipment such as light vehicles or mobile cranes and directly unloaded into the skip bins for reprocessing and disposal.

Double handling of materials should be avoided where possible, but this may not be possible at the final stages when the building is near completion and access is constrained.

The skip bins will be contained in defined holding areas behind hoardings within the secured building site. These areas should be on a level sealed or hardstand area to minimise the dust and traction problems and be contained in the site sediment controls so as to not drain off the site. The areas must be regularly inspected and cleaned of litter and debris.

Two skip bin holding areas have been identified near the site entrances for convenient skip bin collection outside the building footprint:

- A main area near the entrance off Stone Mason Avenue servicing the centre of excellence and the community facility; and
- A secondary area near the entrance off Kennedy Avenue, servicing the community facility.

Any vehicle used to transport waste or excavated material (VENM) must be covered before leaving the premises to minimise dust and litter generation off site.

The wheels of any vehicle, trailer or mobilised plant leaving the site, including the regular skip bin collection trucks, must be cleaned of debris prior to leaving the site.

Records must be collected and retained of all waste and excavated material transported from the site, including details of the amount (volume and/or mass) and type of material transported and the reprocessing, reuse or disposal site. These records must be made available to the Council and other authorities upon request.

The construction contractor has nominated Aussie Skips Bin Services Pty Ltd to collect demolition and construction waste in skip bins for reprocessing at their EPA licenced facility at 108 Madeline St Strathfield NSW 2136. Aussie Skips will collect details of the waste received from the site including the recovery rate achieved, alert the contractor of any identified problematic wastes, and provide this information to the contractor.

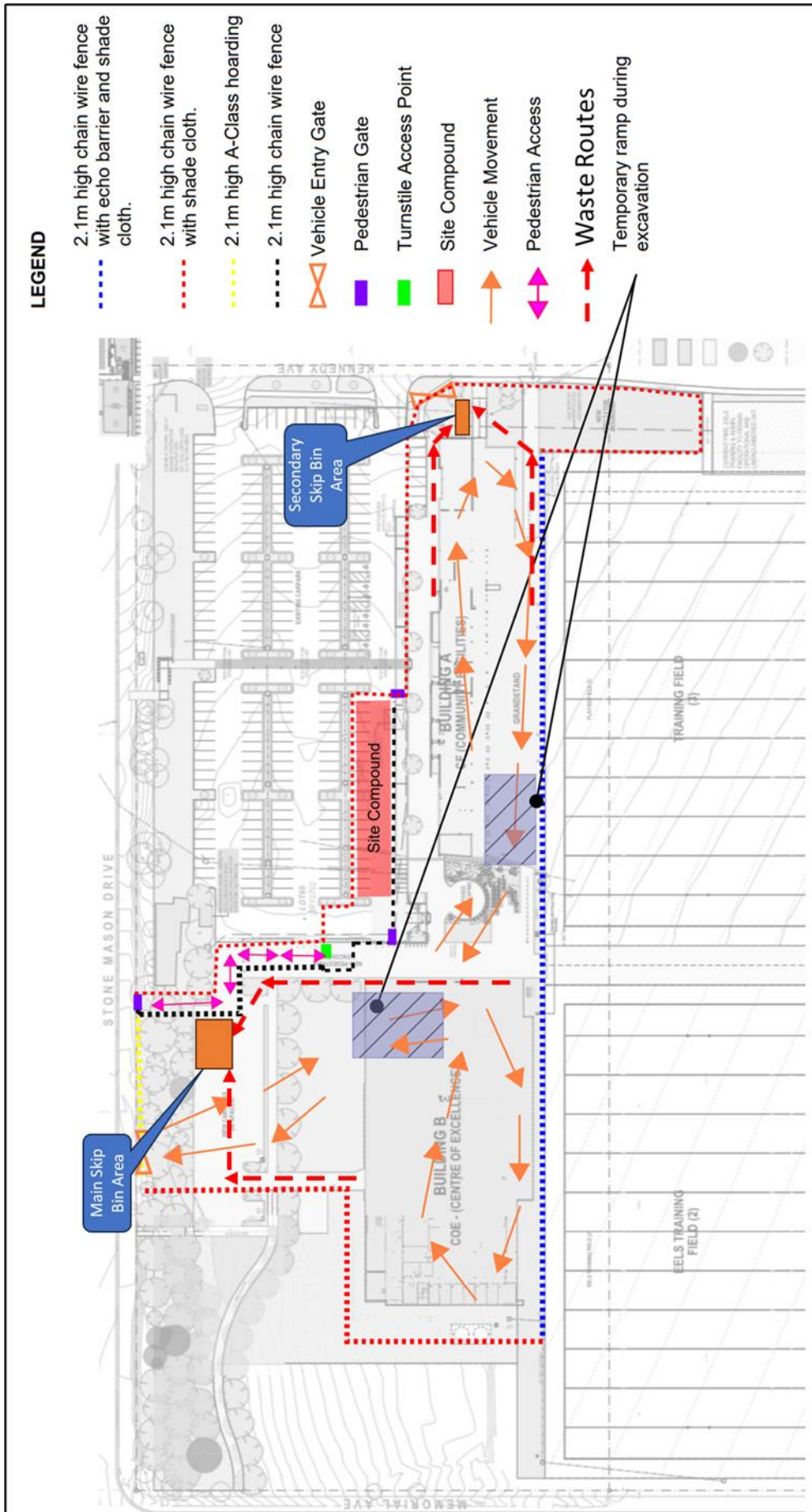
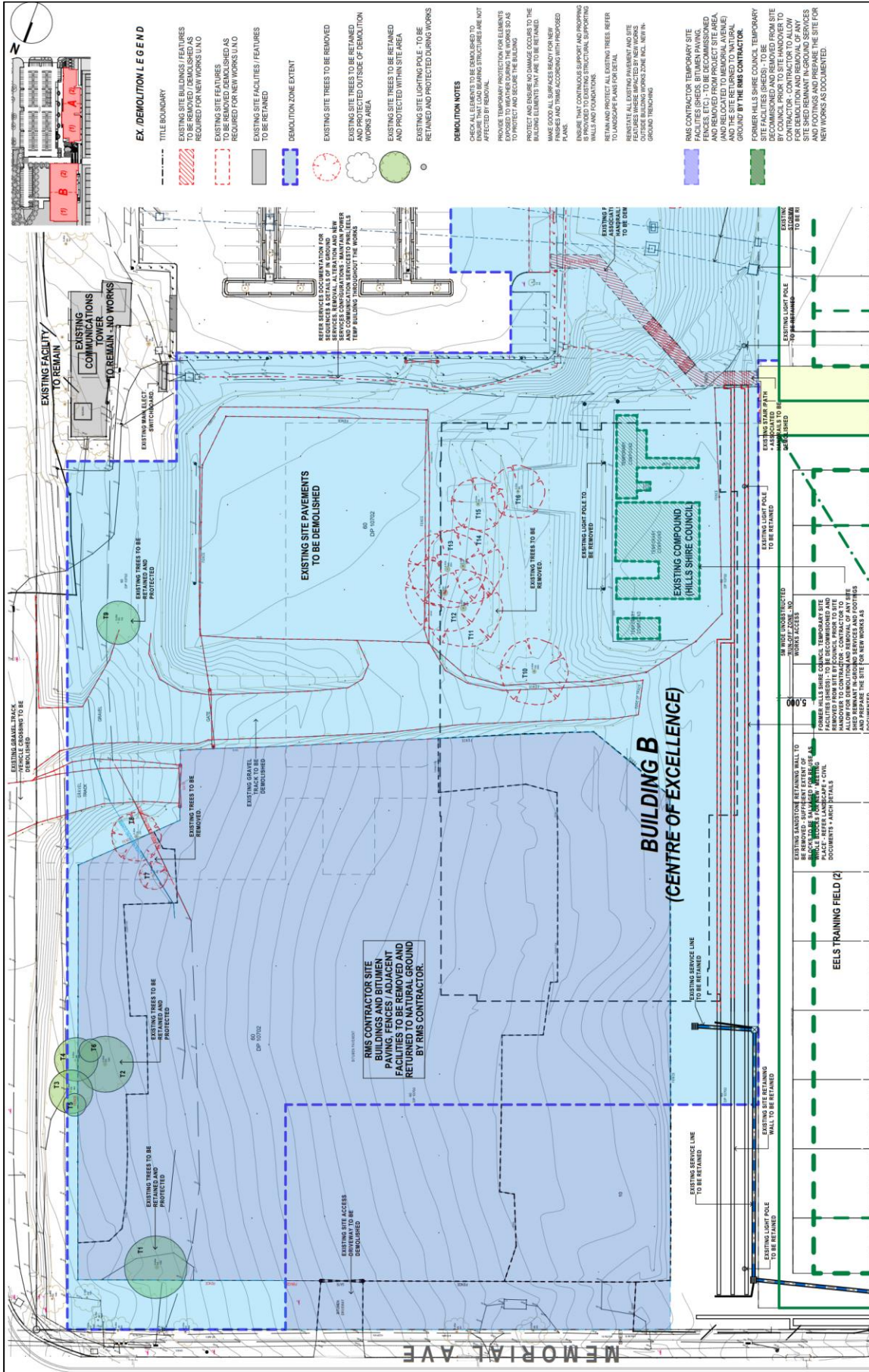


Figure 3 : Waste Handling at the Site



EX. DEMOLITION LEGEND

- TITLE BOUNDARY
- EXISTING SITE BUILDINGS / FEATURES TO BE REMOVED / DEMOLISHED AS REQUIRED FOR NEW WORKS U.N.O
- EXISTING SITE FEATURES TO BE REMOVED / DEMOLISHED AS REQUIRED FOR NEW WORKS U.N.O
- EXISTING SITE FACILITIES / FEATURES TO BE RETAINED
- DEMOLITION ZONE EXTENT
- EXISTING SITE TREES TO BE REMOVED
- EXISTING SITE TREES TO BE RETAINED AND PROTECTED OUTSIDE OF DEMOLITION WORKS AREA
- EXISTING SITE TREES TO BE RETAINED AND PROTECTED WITHIN SITE AREA
- EXISTING SITE LIGHTING POLE TO BE RETAINED AND PROTECTED DURING WORKS

DEMOLITION NOTES

CHECK ALL ELEMENTS TO BE DEMOLISHED TO ENSURE THAT LOAD BEARING STRUCTURES ARE NOT AFFECTED BY REMOVAL.

PROVIDE TEMPORARY PROTECTION FOR ELEMENTS TO BE RETAINED AND SECURE THE BUILDING SO AS TO PROTECT AND ENSURE NO DAMAGE OCCURS TO THE BUILDING ELEMENTS THAT ARE TO BE RETAINED.

MAKE GOOD ALL SURFACES READY FOR NEW WORKS AND FINISH ACCORDING WITH PURPOSED PLANS.

ENSURE THAT CONTRACTORS SUPPORT AND PROTECTING IS PROVIDED TO EXISTING STRUCTURAL SUPPORTING WALLS AND FOUNDATIONS.

RETAIN AND PROTECT ALL EXISTING TREES REFER TO DRAWING FOR TREE SCHEDULE AND TREE FEATURES WERE IMPACTED BY NEW WORKS DEMOLITION WORKS ZONE INCL. 1001 IN.

RMS CONTRACTOR TEMPORARY SITE FACILITIES (SHEEDS, BITUMEN PARKING, ETC.) - TO BE DECOMMISSIONED AND RETURNED TO NATURAL STATE (AND RELOCATED TO HILLS SHIRE) AND THE SITE RETURNED TO NATURAL GROUND BY THE RMS CONTRACTOR.

FORMER HILLS SHIRE COUNCIL TEMPORARY SITE FACILITIES (SHEEDS) - TO BE REMOVED BY COUNCIL PRIOR TO SITE HANDOVER TO CONTRACTOR. CONTRACTOR TO ALLOW SITE SHEED REMAIN IN-GROUND SERVICES AND FOOTINGS AND PREPARE THE SITE FOR NEW WORKS AS DOCUMENTED.

B2.01

Client: PARRAMATTA EELS
Scale: 1:250 @ A1
15/03/2023
T1
email@hbarch.com.au

EXISTING DEMOLITION PLAN - BUILDING B

KELLYVILLE PARK - PNRL EELS - CENTRE OF EXCELLENCE & COMMUNITY FACILITIES

REV.	DATE	DESCRIPTION
T1	15/03/2023	Issue for tender

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