



# **SIMMONS CIVIL CONTRACTING**

## **CONSTRUCTION WORKER TRANSPORTATION STRATEGY (CWTS)**

*Castle Hill Powerhouse MDC – Early Works Carpark  
Construction*

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# 1. BACKGROUND

## 1.1 Introduction

This project is a Simmons Civil Contracting managed project which involves construction works for Castle Hill Powerhouse Museum Discovery Centre (MDC) – Early Works Carpark Construction project.

## 1.2 Project Description

<b>LOCATION</b>	Castle Hill Powerhouse MDC 2 Green Rd, Castle Hill NSW 2154
<b>CONSTRUCTION OPERATION</b>	<ul style="list-style-type: none"> <li>• Removal of vegetation, site preparation and earthworks</li> <li>• Demolition of an existing carpark area and construction of new car park on the TAFE site</li> <li>• The construction and operation of a new building (Building J) for the storage of the Powerhouse collection and archives, spaces for education and public programs</li> <li>• Construction of a new accessway connecting the MDC and TAFE sites</li> <li>• Building identification signage, new landscaping, services infrastructure, and a roof mounted photovoltaic system <ul style="list-style-type: none"> <li>• Site subdivision and consolidation</li> </ul> </li> <li>• Implementation of a tree replacement strategy</li> </ul>
<b>OPERATING HOURS</b>	Monday to Friday: 7am-5pm, Saturday: 8am-1pm; and No work on Sunday and Public Holidays
<b>NO AND TYPES OF WORKERS</b>	8 workers approximately, includes site foreman, labourers, plant operators and various subcontractors
<b>PLANT AND EQUIPMENT USED</b>	Excavators, Water carts, bobcats, various trucks, graders, rollers
<b>LOCATION OF SITE FACILITIES</b>	Located near the site entrance

## 1.3 Purpose

The purpose of this Construction Worker Transportation Strategy (CWTS) is to

- Ensure sufficient parking facilities for all construction workers on the job site
- Minimise demand for parking in nearby public and residential streets



### 1.5 Integrated Management System (IMS) Policy

Our aim is to demonstrate and ensure safety, environmental and quality compliance with legislation using a system that meets AS/NZS ISO 4801, AS/NZS ISO 14001 and AS/NZS ISO 9001, together with the standards specified in relevant contracts, codes of practice and other relevant requirements.

Input and involvement of all staff and stakeholders is essential and must be sought when identifying and mitigating workplace hazards and risks in order to achieve a safe workplace and an environmentally sustainable environment. Management must ensure that all staff and contractors are to be inducted so they become familiar with project processes and risk management techniques.

In order to achieve our objective of promoting safety, environmental and quality awareness and to optimise client satisfaction on our projects, we:

- Set measurable objectives and targets
- Focus on these at every level
- Eliminate work related injuries, illnesses, and pollution
- Ensure that all staff and contractors understand our policy and their responsibility in maintaining the highest levels of performance

Our core objectives are to:

- Comply with certification criteria and the relevant prequalification requirements with the clients we work with,
- Maintain or target an increase in profit each year by reducing rework and minimising waste in all processes,
- Keep up with technology, plant and equipment changes,
- Target improvement in staff and employee's competency by ongoing training,
- Provide a level of quality in our work, which is not less than that specified within the contract and aims to meet the client's expectations while undertaking risk assessments on design to ensure that the project can be constructed, operated, and maintained safely.
- Have <0 workplace notifiable incidents per year and have <0 lost time injuries.
- Have ongoing consultation with staff in regard to WH&S, environmental and quality matters
- Have zero reportable environmental breaches. To reduce any form of pollution in the vicinity of the project. Work with the client to improve the environmental integrity of the area in which we are to be working.
- Ensure our suppliers and subcontractors operate with the same objectives in mind
- Strive for continual improvement in service delivery through reviews and measurement of defect notices
- Comply with relevant WH&S, environmental and quality legislation and with other requirements placed upon the organisation or to which the organisation subscribes
- Comply with other requirements, including statutory, legal and any other contractor/client requirements.

- Simmons Civil will aim to keep all work areas clean, reducing the amount of rubbish produced on site. If rubbish is reduced, we aim to remove the rubbish properly as per statutory, code of practice and standard requirements.
- Simmons Civil will effectively train/teach their staff in regard to environmental sustainability, WHS and Quality requirements on a project.
- Simmons Civil will aim to keep/improve the environmental integrity of the area of the construction sites before and after work begins/finishes.
- Simmons Civil will aim to review each project to see if the environmental controls placed by us were effective.
- Simmons Civil will ensure continuing satisfaction of its stakeholders.
- Simmons Civil will aim to complete its work and deliver its services in a timely manner.
- Simmons Civil will aim to complete projects in accordance with approved/adjusted plans/specifications.

We continuously monitor the IMS through System, Process and Management Review to ensure its ongoing suitability and improve our operations to achieve excellent safety, environmental, quality and cost standards. This enables us to respond to any client concerns in an efficient and effective manner, ensuring client satisfaction.

Management must regularly review this policy and the IMS to ensure that it remains relevant and appropriate. This policy is available to interested parties on request.

Signed: \_\_\_\_\_



Date: 17/06/2021

Managing Director

## 2. SUB-PLAN REFERENCE DOCUMENTS

Simmons will comply with all sub-plans, standards and guidelines, all client and DA conditions, as nominated within the Hills Shire Council. Prior to the commencement of this project, management sub-plans are implemented according to the DA conditions:

CLAUSE	DESCRIPTION
B27	<p>Prior to the commencement of construction, a <b>Construction Environmental Management Plan (CEMP)</b> must be submitted to the Planning Secretary, Council and Certifier. The CEMP must provide / address the following matters:</p> <ul style="list-style-type: none"> <li>a. Details of: <ul style="list-style-type: none"> <li>- Hours of work</li> <li>- 24-hour contact details of site manager</li> <li>- Management of dust and odour to protect the amenity of the neighbourhood;</li> <li>- Stormwater control and discharge</li> <li>- Measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the subject site</li> <li>- Groundwater management plan including measures to prevent groundwater contamination</li> <li>- External lighting in compliance with <i>AS4282-1997</i> control of the obtrusive effects of outdoor lighting</li> <li>- Community consultation and complaints handling</li> <li>- Detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations</li> </ul> </li> <li>b. Construction Traffic and Pedestrian Management Sub-Plan (see <b>Condition B28</b>);</li> <li>c. Construction of noise and Vibration Management Sub-Plan (See <b>Condition B29</b>);</li> <li>d. Construction Soil and Management Sub-Plan (see <b>Condition B30</b>);</li> <li>e. Construction Waste Management Sub-Plan (see <b>Condition B31</b>);</li> <li>f. An unexpected finds protocol for contamination and associated communications procedure;</li> <li>g. An unexpected finds protocol for contamination, Aboriginal and non-Aboriginal heritage, and associated communications procedure; and</li> <li>h. Waste classification (for materials to be removed) and validation (for materials to remain) be undertaken to confirm the contamination status in these areas of the site.</li> <li>i.</li> </ul>
B28	<p>The <b>Construction Noise and Vibration Management Sub-Plan (CNVMSP)</b> must address, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>(a) be prepared by a suitably qualified and experienced noise expert;</li> <li>(b) incorporate recommendations of the Acoustic Report for <i>State Significant Development Application Powerhouse Museum Discovery Centre</i> revision 6 prepared by Northrop, dated 20.02.2021</li> <li>(c) describe procedures for achieving the noise management levels in EPA's <i>Interim Construction Noise Guideline</i> (DECC, 2009);</li> <li>(d) hours of construction in accordance with <b>Conditions C6 to C9</b>;</li> <li>(e) outline regular community liaison with sensitive receivers around the site</li> <li>(f) outline how noise and vibration impacts would be monitored during construction</li> <li>(g) describe the measures to be implemented to manage high noise generating works, in close proximity to sensitive receivers;</li> <li>(h) include a complaints management system that would be implemented for the duration of the construction; and</li> <li>(i) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the management measures</li> </ul>

B29	<p>The <b>Construction Noise and Vibration Management Sub-Plan (CNVMSP)</b> must address, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>(a) be prepared by a suitably qualified and experienced noise expert;</li> <li>(b) incorporate recommendations of the Acoustic Report for <i>State Significant Development Application Powerhouse Museum Discovery Centre</i> revision 6 prepared by Northrop, dated 20.02.2021</li> <li>(c) describe procedures for achieving the noise management levels in EPA's <i>Interim Construction Noise Guideline</i> (DECC, 2009);</li> <li>(d) hours of construction in accordance with <b>Conditions C6 to C9</b>;</li> <li>(e) outline regular community liaison with sensitive receivers around the site</li> <li>(f) outline how noise and vibration impacts would be monitored during construction</li> <li>(g) describe the measures to be implemented to manage high noise generating works, in close proximity to sensitive receivers;</li> <li>(h) include a complaints management system that would be implemented for the duration of the construction; and</li> <li>(i) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the management measures.</li> </ul>
B30	<p>The <b>Construction Soil and Water Management Plan (CSWMSP)</b> must address, but not be limited to the following:</p> <ul style="list-style-type: none"> <li>a. Be prepared by a suitably qualified expert;</li> <li>b. Describe all erosion and sediment controls to be implemented during construction as a minimum, in accordance with the publication <i>Managing Urban Stormwater: Soils &amp; Constructions</i> (4<sup>th</sup> edition, Landcom 2004) commonly referred to as the 'Blue Book'.</li> <li>c. Provide a plan of how all construction works will be managed in wet weather events (i.e. storage of equipment, stabilisation of the Site); and</li> <li>d. Detail all off-site flows from the site.</li> </ul>
B31	<p>Prior to the commencement construction, a <b>Waste Management Plan (WMP)</b>, prepared in accordance with Appendix A of Council's DCP, must be submitted to the Planning Certifier, Council and Certifier. The WMP must:</p> <ul style="list-style-type: none"> <li>a. Detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations;</li> <li>b. Identify an appropriate area for the storage of garbage bins and recycling containers for all waste and recyclable material generated by the works</li> <li>c. Demonstrate compliance with relevant legislation, particularly regarding the removal of asbestos and hazardous waste, the method of containment and control of emission of fibres to the air</li> <li>d. Require that all waste generated during the project is assessed, classified and managed in accordance with the EPA's "Waste Classification Guidelines Part 1: Classifying Waste".</li> </ul>

## 3. PROJECT CONTACTS

### 3.1 Personnel Structure

The site will have the following organisation structure:

<b>PROJECT MANAGER:</b>	Marc Jamieson (02 9620 6100)
<b>PERSON RESPONSIBLE FOR ENVIRONMENTAL MANAGEMENT:</b>	Marc Jamieson (02 9620 6100) Rhys Jones (02 9620 6100)
<b>SITE PERSONNEL/LEADING HAND:</b>	Rhys Jones (02 9620 6100)

### 3.2 Emergency Contacts

The emergency contacts for Castle Hill Powerhouse MDC – Early Works project include the following:

- Nicholas Simmons – 0433 183 253
- Marc Jamieson – 02 9620 6100
- Rhys Jones – 02 9620 6100
- Nhat Nguyen – 02 9620 6100
- Emergency Services - 000
  - o Ambulance – 000
  - o Hospital
    - Lakeview Private Hospital  
17-19 Solent Cct, Castle Hill NSW 2154  
02 8624 500
  - o Fire
    - Fire and Rescue NSW Kellyville Fire Station  
Windsor Rd & Poole Rd, Kellyville NSW 2155  
02 9629 3222
  - o Police
    - Castle Hill Police Station  
Castle St & Pennant St, Castle Hill NSW 2153  
02 9680 5399
- Hazardous Materials
  - o These are located with the appropriate Simmons Civil storage area or storage cage located on site. All Material Safety Data sheets should be accompanied with this.
- Steps to minimise damage
  - o If an environmental emergency has occurred, the site manager/relevant site personnel is to isolate the area and contact the relevant emergency personnel
  - o The director is to be informed of the situation, along with the principal contractor.
- Authorities
  - o Council
    - The Hills Shire Council  
3 Columbia Court  
02 9843 0555
  - o NSW Environmental Protection Authority – 131 555
- Services:
  - o Water –
    - Sydney Water – 13 20 90
  - o Gas –
    - Jemena Gas North – 1300 880 906
  - o Communications
    - Telstra – 1800 653 935
    - Optus/Uecomm – 1800 505 777
  - o Electricity
    - Endeavour Energy – 02 9853 4161



# 4. IMPLEMENTATION

## 4.1 Site Carpark

The site carpark will be on the second egress from Green Rd (after the TAFE entry), and all construction workers must park their cars within this area. The figure below portrays the construction management plan for the early works of the Powerhouse MDC Carpark Construction.

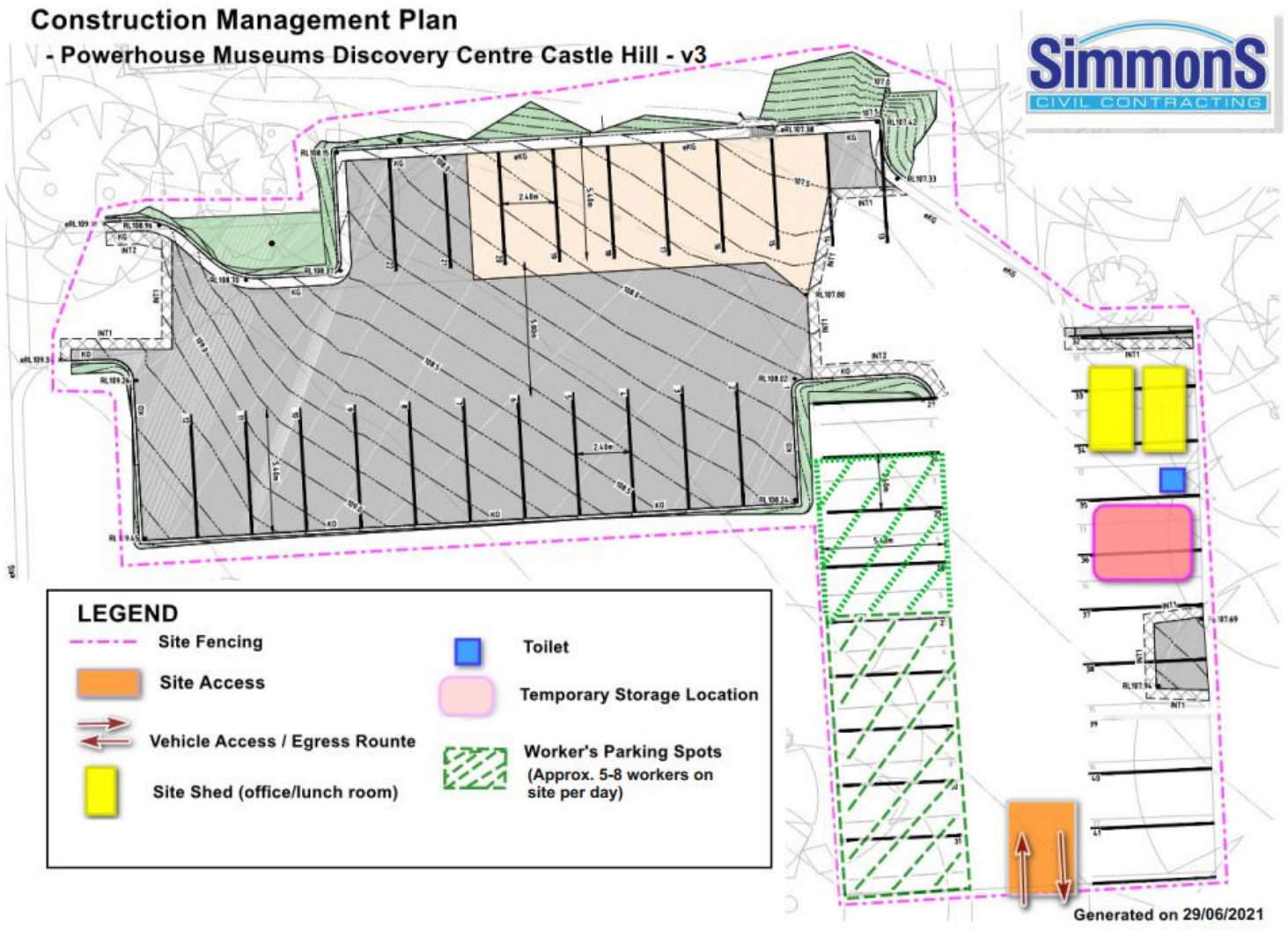


Figure 1 - Construction Site Car Park

No further travel arrangements are to be implemented as there will only be approximately 3-5 workers on site per day. The demand for parking in nearby public and residential streets is invalid as there will be sufficient parking spots for all of Simmons' construction workers on our job site.