

DK Heathcote Pty Ltd
1 Veno St, Heathcote NSW 2233

Construction Management Plan and Construction Traffic Management Plan

DK Heathcote Pty Ltd

1 VENO ST,
HEATHCOTE NSW 2233

June 2024



Introduction

Overview

This Construction Management Plan and Construction Traffic Management Plan details D&KC's approach to the management of the project including the design phase, site operations and construction activities for the successful delivery of the 1 VENO STREET, HEATHCOTE NSW 2233 project.

The SMMP sets out D&KC's site and construction management framework including management responsibilities of Key Project Personnel as noted below:

- Project Manager – responsible for overall project delivery and primary client liaison
- Site Manager – responsible for managing site activities including day to day site operations
- Health Safety and Environmental Manager (HSEQ) – recording and auditing role

Application and Authorisation

D&KC Constructions undertakes the construction of all projects in full consideration of the quality requirements and expectations of applicable standards, specifications and Client requirements.

This plan has been developed to provide a consistent standard and formalised method of ensuring all project objectives are met for the 1 VENO STREET, HEATHCOTE NSW 2233 Project.

This Construction Management Plan and Construction Traffic Management Plan forms part of D&KC's comprehensive Project Management System.

The Principal's Authorised Person must be notified and approve any changes to these documents prior to proposed changes being actioned.

Yours sincerely

Duffy Kennedy Constructions Pty Limited

Table of Contents

INTRODUCTION	ii
OVERVIEW	ii
APPLICATION AND AUTHORISATION	ii
GENERAL SITE MANAGEMENT	1
SITE LAYOUT.....	1
SITE DESCRIPTION	1
CONSTRUCTION HOURS.....	1
HOARDINGS AND PROTECTION	1
<i>Site Boundaries</i>	1
<i>Scaffolding</i>	1
COMMUNICATION	1
MATERIALS HANDLING.....	2
<i>Excavation</i>	2
<i>Cranage</i>	2
<i>Standing Trucks & Deliveries</i>	2
<i>Machinery</i>	2
<i>Materials Hoist</i>	2
SITE STORAGE.....	2
TEMPORARY EXCAVATION SUPPORT	3
TREE PROTECTION	3
WASTE MANAGEMENT	3
<i>Construction Waste</i>	3
<i>Demolition Waste</i>	3
<i>Excavated Materials</i>	3
TRAFFIC MANAGEMENT	4
DOCUMENTS	4
CONSTRUCTION TRAFFIC HOURS.....	4
HEAVY VEHICLE ACCESS ROUTES.....	4
<i>Primary Access Route for Heavy Vehicles</i>	4
VEHICLE ACCESS & PARKING	4
<i>Vehicle Access</i>	4
<i>Vehicle Parking</i>	4
PEDESTRIAN MANAGEMENT	4

Annexures

- ANNEXURE A SITE LAYOUT PLAN – STAGE 1**
- ANNEXURE B CONSTRUCTION TRAFFIC MANAGEMENT PLAN**
- ANNEXURE C WASTE MANAGEMENT PLAN**

General Site Management

Site Layout

The subject site is located at 1 Veno St, Heathcote, with a large frontage on the Princes Highway and consists of the construction of a New Multi Residential Building project over two (2) stages.

For all site amenities we will use temporary buildings, these will be located within the site boundaries at all times. The location and number of the site amenities are also shown on the Site Layout Plans.

Site Description

The subject site is located at 1 Veno St, Heathcote.

The site is surrounded by the Princes Highway on the East, Strickland Street on the North, and unit housing to the West.

The works required the demolition of the existing buildings and surrounding structures then the subsequent construction of the New Multi Residential Building and landscape & pavement works to the surrounding areas. This will be undertaken in Two Stages as per the staging plan provided.

Construction Hours

The hours of construction activity proposed will be as per the Development Approval, which are generally as follows:

7:00am to 5:00pm	Monday to Friday
7:00am to 12:00pm	Saturday
No work	Sunday and public holidays

Hoardings and Protection

Site Boundaries

Fencing around the site would predominantly be 1800mm high temporary fence panels to the Strickland St, Princes Highway and Veno St frontages. This allows movement and flexibility as required for works.

All fencing around the site will be covered with shade cloth to reduce dust leaving the site, and screen the site.

Scaffolding

Scaffold will be utilised around the perimeter of the building. All scaffold will be wholly within the site fencing, and not accessible by the public. All scaffolding surrounding the buildings shall be externally lined with chainwire mesh and shade cloth to prevent dust and objects leaving the building areas.

All scaffolding used on this project will be erected and maintained in accordance with all relevant codes and standards.

Communication

During the construction phase of the project it will be necessary to use a variety of communication forms both externally and internally. The site office will be equipped computer connected to the internet via a high speed ADSL connection. A combination of computer and mobile phone communication will be used for the

formal communication throughout the project.

Internally the site will be equipped with hand held UHF radios pre-set to private channels for onsite

communication assisting with all aspects of the construction process as well as acting as communications during an emergency.

Materials Handling

Excavation

During the excavation works, trucks will be loaded within the site boundaries and on the Strickland St verge for Stage 1, and the via Veno St for Stage 2. The Sediment Control Section of this report provides detail on the site sediment management plan.

Please also refer to the Traffic Management section of this report which provides details relating to access and egress for all excavation and construction traffic.

Cranage

It is proposed that an electrically operated Tower Crane would be required for the construction of the project for each stage. This crane would load and unload most deliveries during the construction of the building. It is estimated that the crane would be on site for approximately 10 months.

A forklift may also be utilized for some movement of material between the basement and Ground Floor.

Standing Trucks & Deliveries

Any deliveries made would be escorted by a D&KC traffic controller, to ensure the safe movement of traffic Strickland St (Stage 1) and Veno St (Stage 2).

Unloading of all materials and equipment will be carried out from a dedicated Works Zone located on the Strickland St (Stage 1) and Veno St (Stage 2) frontages. On-street standing including unloading outside the site fence across the verge will have all activities supervised at all times by D&KC traffic control and site supervision.

Refer to the Traffic Management section of this report for details of same.

Machinery

A forklift may be on site for part of the construction phase. This machine will be approximately 2-t tonne capacity and will only be operated by qualified personnel. Various other types and sizes of machinery will also be on site throughout different phases of the project. These include, but are not limited to, excavators, backhoes, rollers, boom lifts, cranes, forklifts, and concrete pumps.

Materials Hoist

A materials hoist will not be used on this project.

Site Storage

Construction materials and waste containers for construction refuse will be stored within the site in an area not accessible to the public. The location for storage of the items will vary throughout construction due to changing site constraints. Dedicated storage areas will be established by way of the placement of lockable storage containers and installation of temporary fencing. No materials will be stored outside of the site boundary.

All stored material locations are to be co-ordinated by the site foreman.

Temporary Excavation Support

Nil temporary excavation supports have been identified as being required for the project. No Temporary batter slopes have been identified as required. If during the course of excavation support is found to be

required, the consulting structural engineer will be engaged to provide design and direction.

Tree Protection

All trees on site that are nominated as being retained are to be protected at all stages throughout construction. In order to achieve this, temporary 1.8m high timber palings and strapping are to be constructed around each tree, or cluster of trees, and will encompass the primary root zones where practicable. Any works to be carried close to the trees nominated to be retained will be supervised by an experienced and qualified Arborist.

Waste Management

Construction Waste

Rubbish skips / bins will be used during the course of the project for the collection of general waste and material packaging.

All rubbish placed in skips will be removed from site by a waste collection company and taken to an approved and licensed waste disposal and recycling facility.

All construction waste will be dealt with in accordance with Sutherland Council's requirements and conditions and all subcontractors working on the project will be encouraged to minimise construction waste and remove all appropriate materials from site for re-use / recycling.

For detailed waste management please refer to the attached Waste Management Plan.

Demolition Waste

All demolition waste will be the responsibility of the selected demolition subcontractor. Sutherland Council's requirements and conditions for demolition waste will be adhered to by the selected subcontractor in accordance with the Hazardous Materials reporting required of the DA.

Excavated Materials

Some excavated materials may be stored on site for backfilling.

Traffic Management

Documents

Please refer to the Annexure A Site Layout Plan and Annexure B Construction Traffic Management plan regarding Traffic Management for the site.

Construction Traffic Hours

Construction Traffic Hours for the site is as-similar to the DA hours noted at page 1 of this report.

It is noted that DKC have no control over any driver associated with any other company other than Duffy & Kennedy Constructions employees. While we will instruct any and all subcontractor and supplier drivers to operate in accordance with this Management Plan and inside the parameters outlined herein, we cannot police outside the immediate area of the site frontages.

Heavy Vehicle Access Routes

Primary Access Route for Heavy Vehicles

Construction Traffic Routes for the site can be viewed in the Annexure B Construction Traffic Management plan.

It is noted that DKC have no control over any driver associated with any other company other than Duffy Kennedy Constructions employees. While we will instruct any and all subcontractor and supplier drivers to operate in accordance with this Management Plan and inside the parameters outlined herein, we cannot police outside the immediate area of the site frontages.

Vehicle Access & Parking

Vehicle Access

There is no vehicle access available onto the site. Only machinery and vehicles such as concrete trucks and booms will be permitted on the site.

Vehicles will only be able to stand in the proposed Works Zone for the site.

Vehicle Parking

Vehicle Parking for attending site tradesman and the like is available in nearby Rosebery St as well as Strickland and Veno streets. Parking will be recommended to be in Rosebery St or Hunter St to assist with Traffic Management.

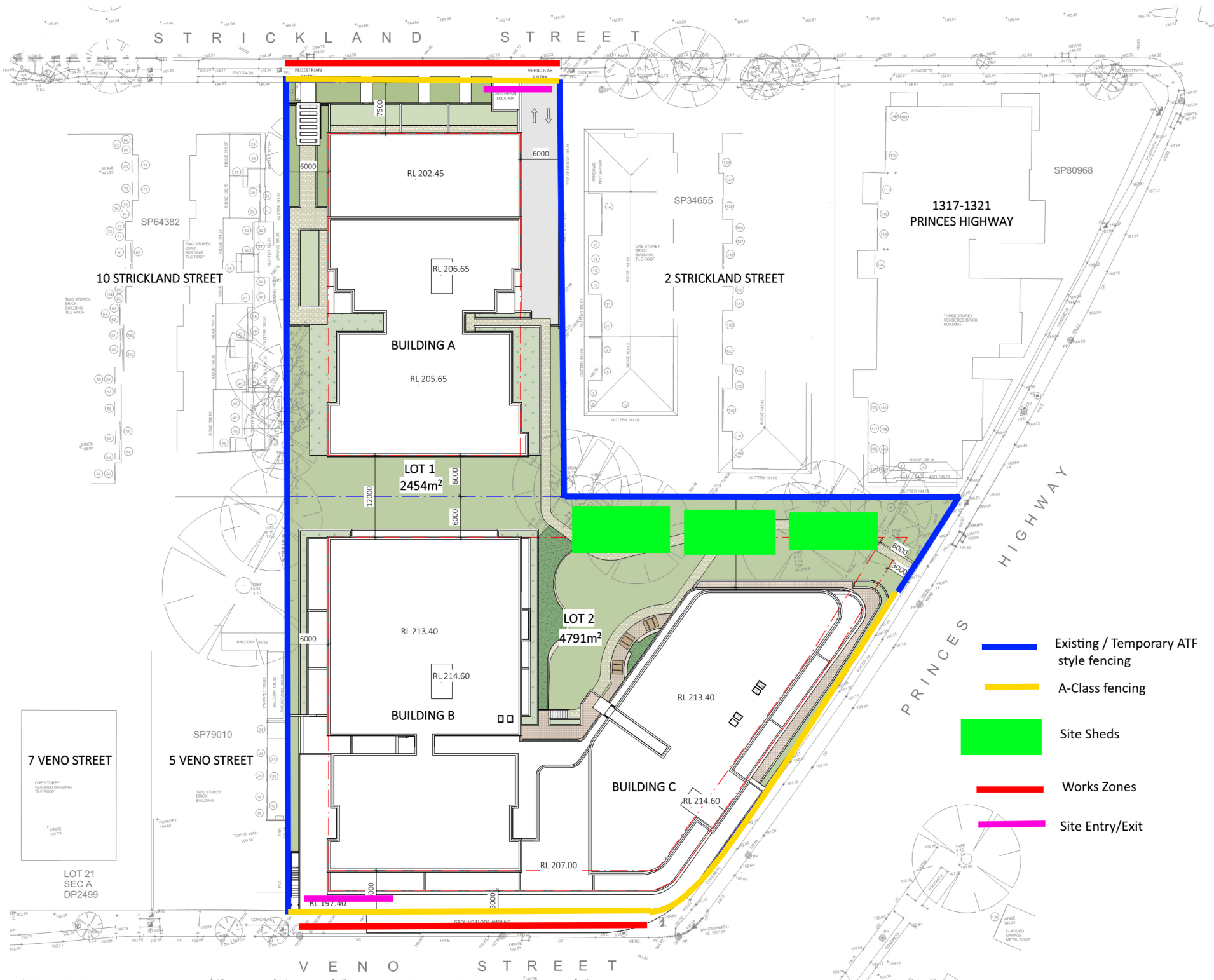
Pedestrian Management

Access will be maintained for Pedestrians across the frontages of the project. For Concrete Pours and major deliveries, street frontages will have pedestrians transferred to the opposite side continue their journey for safety.

DK Heathcote Pty Ltd
1 Veno St, Heathcote NSW 2233



Annexure A - Site Layout Plan

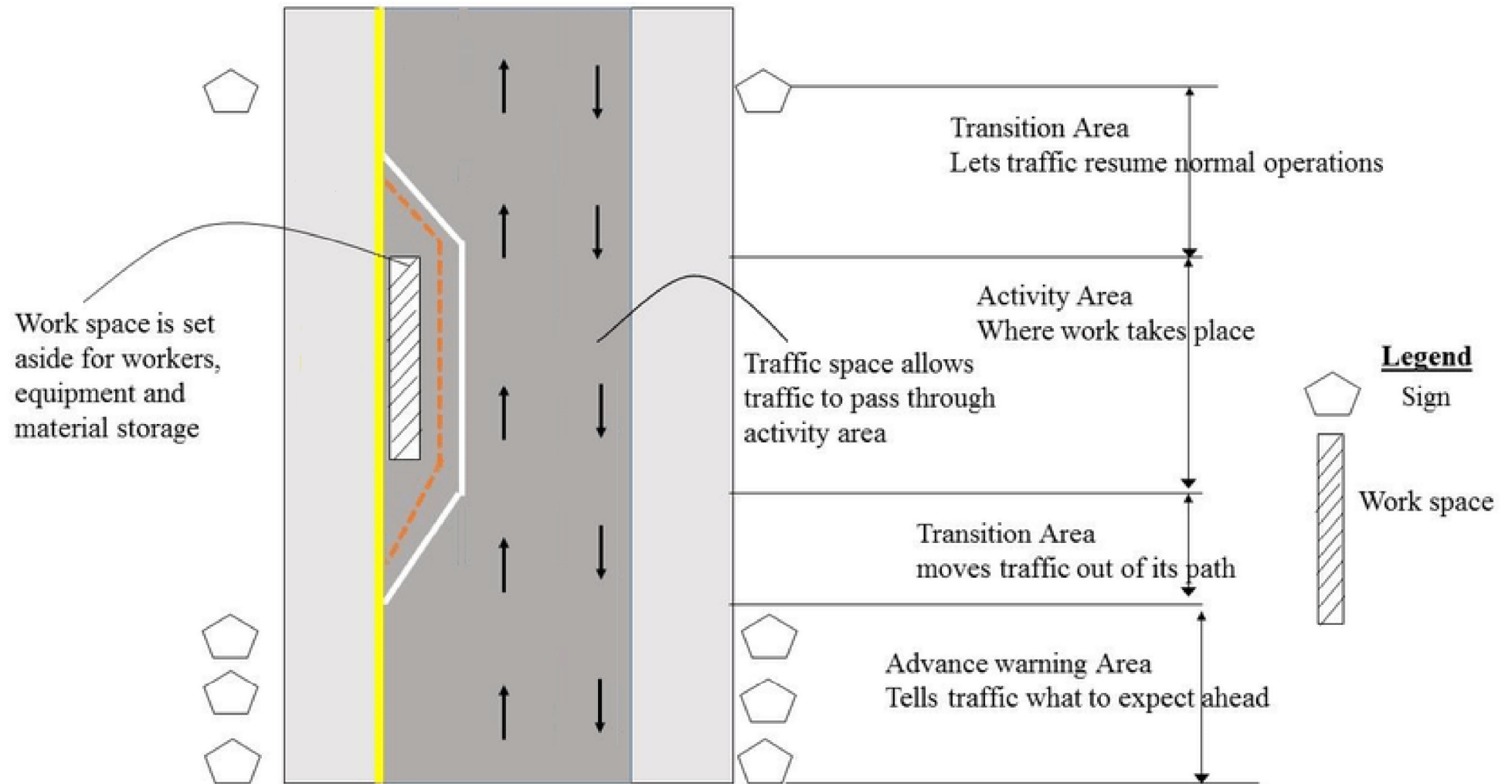


- Existing / Temporary ATF style fencing
- A-Class fencing
- Site Sheds
- Works Zones
- Site Entry/Exit

DK Heathcote Pty Ltd
1 Veno St, Heathcote NSW 2233



Annexure B – Construction Traffic Management Plan



DK Heathcote Pty Ltd
1 Veno St, Heathcote NSW 2233



Annexure C – Waste Management Plan

Waste Management Plan

1 VENO ST,
HEATHCOTE NSW 2233

REVISIONS

Revision	Date
A	28.06.2024

Key Objectives

It is the objective of the Waste Management Plan to promote and practice waste minimization.

Reduce

Reduce or where possible avoid the use of certain materials. Apart from the reduction in handling, this would also minimize costs.

Reuse

Reuse materials, to minimize costs and reduce landfill.

Recycle

Recycle, reducing landfill.

Actions to achieve this;

- Separation of waste – glass, paper, cardboard, plastic and aluminium
- Encourage customers to recycle

Residential Apartment Waste

General Waste

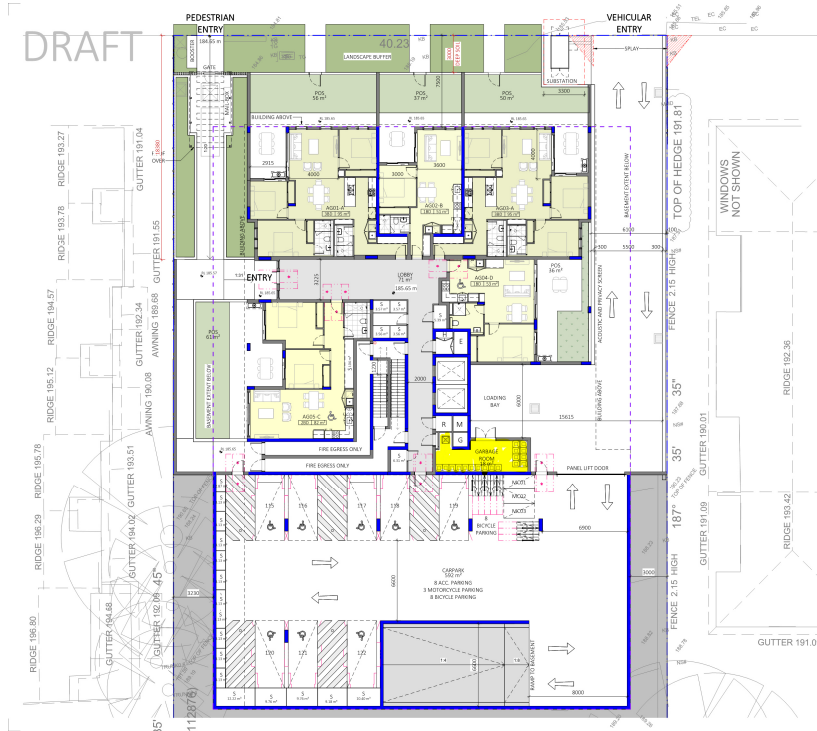
- The residential apartments will have a garbage room at Ground floor, for each frontage at Venno St and Strickland St
- The garbage rooms will contain 660L type.
- The residential Waste will be collected from the general waste room and transfer them waste holding area to the footpath for street collection by Council wastecontractor.

Recycled Waste

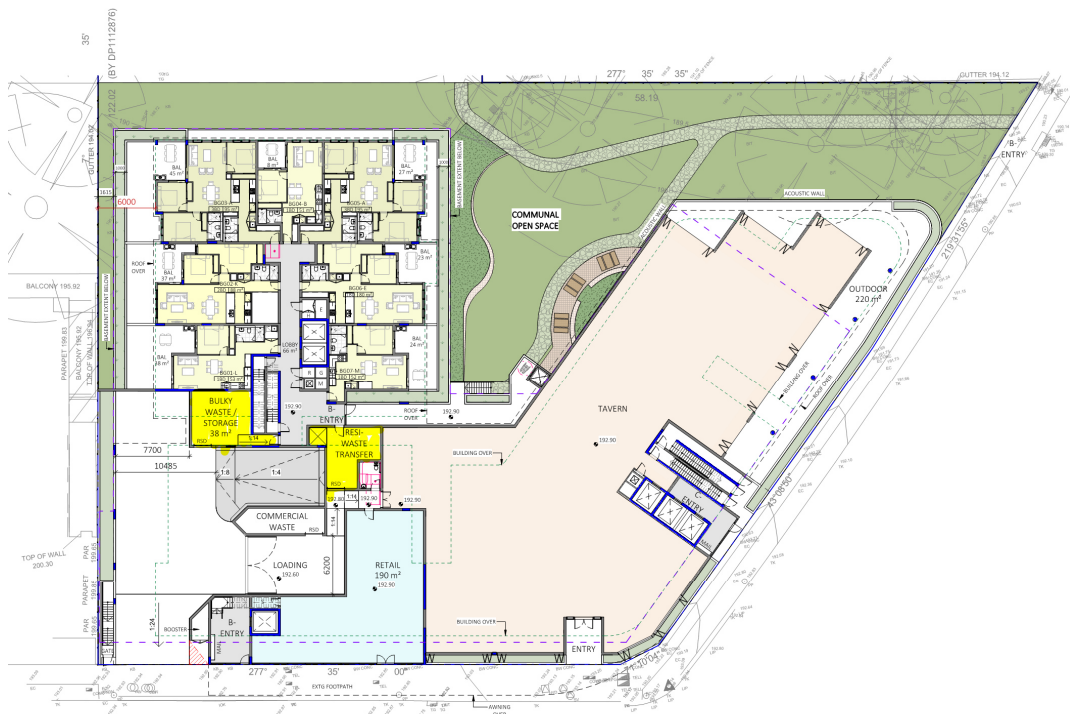
- The residential apartments will have a garbage room at Ground floor, for each frontage at Venno St and Strickland St
- The garbage rooms will contain 660L type.
- The residential Waste will be collected from the general waste room and transfer them waste holding area to the footpath for street collection by Council wastecontractor.

Site

The proposed Development site, 1 Veno St, Heathcote NSW 2233 consist of 5 level with 168 units. Bin Storage room is located on ground floor for each frontage, shown highlighted in yellow below. Building manger will move bins to be collected to the bin holding bay on the day of collection.



Strickland St



Veno St

Table 1 - Mix

Unit Type	No Units
1 Bed	50
2 Bed	77
3 Bed	41
Total	168

Waste Plan

Residential Apartments using waste generation of 110L/unit/week, the total general waste generated by the apartments can be calculated as follows;

The generated waste for the development is as per table 2 below. It is anticipated that 4 green bins will also be required for green waste.

Table 2 – Waste Generated

Total Units	Waste Calculation (L/unit/week)	Generated Waste (L/week)	Recycling Calculation (L/unit/week)	Generated Recycling (L/week)
	Waste rate	Waste L	Recycling rate	Recycling L
168	110	18,480	110	18,480

Table 3 – Bin Requirements

	Garbage			Recycling		
	Bin Capacity (L)	Quantity	Collection Rate (times/week)	Bin Capacity (L)	Quantity	Collection Rate (times/week)
Wasteroom	660	28	1	660	28	1

Demolition Waste

Below are tables showing estimated waste generation volumes and their intended reuse / recycling. The schedules show the expected volumes of waste generation and intended recycle / reuse for the;

- Demolition
- Excavation
- Construction

Stage 1 – Demolition

Materials On Site		Destination		
		Reuse and Recycling		Disposal
Type of Material	Estimated Volume (m3) or area (m2)	On-Site Specify proposed reuse or onsite recycling methods	Off-Site Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	Nil			
Green Waste	10m3		TBA – allow to decompose and reuse as topsoil	TBA
Tree Waste	10m3		TBA – allow to chip and reuse as wood chip mulch	TBA
Asbestos Cement Roof and Wall Cladding	TBC			
Bricks	Nil			
Concrete	130m3		TBA – concrete ground slabs to be crushed and reused as road base and drainage aggregate	TBA
Timber	15m3			
Plasterboard	12m3			
Metals	15m3			
Tiles	5m3			

Stage 2 – Excavation

Materials On Site		Destination		
		Reuse and Recycling		Disposal
Type of Material	Estimated Volume (m3) or area (m2)	On-Site Specify proposed reuse or onsite recycling methods	Off-Site Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	2025m3		TBA – clays used for landfill or brick manufacture – dependent on quality	TBA
Green Waste	Nil			
Tree Waste	Nil			
Asbestos Cement Roof and Wall Cladding	Nil			
Bricks	Nil			
Concrete	Nil			
Timber	Nil			
Plasterboard	Nil			
Metals	Nil			
Tiles	Nil			
Other -Asphalt	Nil			

Stage 3 – Construction

Materials On Site		Destination		
		Reuse and Recycling		Disposal
Type of Material	Estimated Volume (m3) or area (m2)	On-Site Specify proposed reuse or onsite recycling methods	Off-Site Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	Nil			
Green Waste	Nil			
Tree Waste	Nil			
Asbestos Cement Roof and Wall Cladding	Nil			
Bricks / Blocks	10m3		TBA – concrete masonry to be crushed for reuse as road base and drainage aggregate.	TBA
Concrete	5m3		TBA – concrete from pier and shoring wall construction to be crushed for reuse as road base and drainage aggregate.	TBA
Timber	2m3		TBA – to be separated at the waste contractors site for reuse as pulp etc.	TBA
Plasterboard	5m3		TBA – Landfill	TBA
Metals	1T		TBA – for reuse as structural steels, reinforcing bar etc	TBA
Tiles	1.5m3		TBA – to be crushed for reuse as road base and drainage aggregate.	TBA
Cardboard	13m3		TBA – to be recycled.	TBA
Other – Waste – e.g. paints, plastic, PVC etc	3m3		TBA – plastic and pvc to be recycled, paints etc to be treated in compliance with EPA requirements.	TBA