# DICKENS SOLUTIONS

(REF - 20165)

# **WASTE MANAGEMENT PLAN**

# SAM CRAWFORD ARCHITECTS (NSW LAND & HOUSING CORPORATION)

# PROPOSED BOARDING HOUSE DEVELOPMENT @ 3-5 KELLOWAY CRESCENT CAMDEN

# **DECEMBER 2022**

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### PART 1 – OVERVIEW AND PROPOSAL

### **1.1 INTRODUCTION**

This Waste Management Plan (WMP) is an operational plan that describes in detail the manner in which all waste and other materials resulting from the construction and on-going use of the site are to be dealt with.

The aims and objectives of this WMP are to: -

- 1. Satisfy all State and Local Government regulatory controls regarding waste management and minimisation practices.
- 2. Promote the use of recyclable materials in the excavation, demolition, construction and on-going operation of the building.
- 3. Maximise waste reduction, material separation, and resource recovery in all stages of the development.
- 4. Ensure the design of waste and recycling storage facilities are of an adequate size, appropriate for the intended use of the building, hygienic with safe and manoeuvrable access.
- 5. Ensure that the provision of waste and recycling services to the completed buildings are carried out in an efficient manner, which will not impact negatively on the health, safety and convenience of all stakeholders.

The land on which the development is proposed is located within the Camden LGA

This WMP is prepared in accordance with: -

- Relevant requirements of the NSW LAHC.
- Housing SEPP 2021
- Camden Local Environment Plan,
- Camden DCP and relevant waste management guidelines,
- LAHC Part 5 planning approval checklist,
- The 'Better Practice Guide for Resource Recovery in Residential Buildings published by the NSW EPA (April 2019), and,
- The objective of ensuring that all waste management facilities and collection services will provide an outcome that will be efficient, as well as promoting the principles of health, safety and convenience.

This WMP has been prepared for a Part 5 Activity to be assessed by the NSW LAHC for the construction of a two (2) storey residential building to be used as a boarding house containing 12 x rooms and one (1) common area at 3-5 Kelloway Avenue, Camden.

This WMP is dated 12 December 2022 and has been documented in accordance with the Architectural Drawings prepared by Sam Crawford Architects – Project Number PN20.16 and Revision A-WIP.

### 1.2 PROJECT & PROPERTY DESCRIPTION

This Waste Management Plan (WMP) has been specifically designed for: -

•	. ,
PROJECT DESCRIPTION	Two (2) Storey Residential Boarding House Building
NUMBER OF UNITS	- 12 x rooms,
	- One (1) communal area,
	- At grade car and motor cycle parking, and,
	- Associated infrastructure.
PROPERTY DESCRIPTION	The development is to be constructed over two
	(2) existing lots at:
	- Lot 19, in DP219782, 3 Kelloway Ave, and,
	- Lot 17, in DP219782, 5 Kelloway Ave, Camden.
STREET ADDRESS	3-5 Kelloway Avenue, Camden
DIMENSIONS	Refer to Site Plan and Survey
AREA	1,274sqm (Survey)
LGA	Camden Council
ZONING	Zone R2 – Low Density Residential
PLANNING INSTRUMENTS	Housing SEPP 2021
	Camden Local Environmental Plan
	Camden DCP

### 1.3 APPLICANTS DETAILS

APPLICANT	NSW Land and Housing Corporation
	C/- Sam Crawford Architects
ADDRESS	Level 2, 17 Federation Road, Newtown. NSW. 2042.
TELEPHONE	02 9519 6800
E-MAIL	shane@samcrawfordarchitects.com.au

### 1.4 PROPOSAL

The proposal consists of the for the construction of a two (2) storey residential building to be used as a boarding house containing 12 x rooms and one (1) common area.

Vehicular entry and egress to, and from the building will be on to Kelloway Avenue at the western frontage of the site.

It is proposed to locate a Waste Storage Area (WSA) is located on the Ground Floor on the western side of the site between Unit 5 and the driveway.

All waste and recycling services will be provided by Camden Council from the Kelloway Avenue kerbside utilising Council's collect and return waste service.

The land is now vacant as all previous buildings and structures over the site have been demolished.

### The project involves:

- 1. The excavation of the site for car parking and other services.
- 2. The construction of the building.
- 3. The provision of stormwater drainage systems, landscaping, driveways, concrete pathways, and other elements associated with the development.
- 4. The on-going use of the building.

# **PART 2 – DEMOLITION**

### 2.1 DEMOLITION – OVERVIEW

The land is now vacant as all buildings and structures previously on site have been demolished.

# **PART 3 – CONSTRUCTION**

### 3.1 CONSTRUCTION - GENERALLY

Upon completion of all demolition works, construction of the building will commence with the excavation of the site for the basement levels of the building. All materials sourced from these activities will be disposed of in accordance with the information provided in Part 3.2 on pages 6, 7, 8, 9, 10 and 11 of this WMP.

Additionally, all materials used in the construction of the building that are not required to be incorporated into it, shall be recycled, reused or disposed of in accordance with these provisions, and the requirements of the Protection of the Environment Operations Act (1997). It will be the developer's overall responsibility to ensure compliance in this regard.

Mobile Bins of an appropriate size will be located on site for the collection of food scraps, beverage containers, and other waste generated on site by workers.

### 3.2 CONSTRUCTION - RECYCLING, REUSE & DISPOSAL DETAILS

The following details prescribe the manner in which all materials surplus to the construction of the building will be dealt with, and includes: -

- a) An estimate of the types and volumes of waste and recyclables to be generated;
- b) A site plan showing sorting and storage areas for construction waste and vehicle access to these areas (see Part 3.3 of this Plan);
- c) How excavated and other materials surplus to construction will be reused or recycled and where residual wastes will be disposed (see below); and,
- d) The total percentage of waste surplus to construction to be reused or recycled.

### 1. Excavated Materials

Volume / Weight	250 cubic metres / 425 Tonnes (Footings & Slabs).
On Site Reuse	Yes. Keep and reuse topsoil for landscaping. Shore on site. Use some for support of retaining walls (Excavated Materials are only to be used if the material is not contaminated or has been remediated in accordance with any requirements specified by any Environmental Consultancy engaged to carry out any contamination assessment of excavated material).
Percentage Reused or Recycled	To be determined (see above comments)
Off Site Destination	Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights. (Tel 1300 651 116), or,
	Suez Eastern Creel Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112
	or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116).

### 2. Bricks

Volume / Weight	5 cubic metres / 5 Tonnes
On Site Reuse	Clean and remove lime mortar from bricks. Broken bricks for internal walls. Crush and reuse as drainage backfill. Crushed and used as aggregate.
Percentage Reused or Recycle	75% - 90%
Off Site Destination	Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights. (Tel 1300 651 116), or, Suez Eastern Creel Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112 or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116).

### 3. Concrete

Volume / Weight	5 cubic metres / 12 Tonnes
On Site Reuse	Existing driveway to be retained during construction. Crushed and used as aggregate, drainage backfill.
Percentage Reused or Recycled	60% - 75%
Off Site Destination	Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights. (Tel 1300 651 116), or, Suez Eastern Creel Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112 or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116).

### 4. Timber

Volume / Weight	5 cubic metres / 7 Tonnes
On Site Reuse	Re-use for formwork and studwork, and for landscaping
Percentage Reused or Recycled	65% - 90%
Off Site Destination	Artistic Popular Furniture, 10 Raglan Road, Auburn (Tel 02 96443054)
	or,
	Hallinan's Recycling Centre, 37 Lee Holm Road, St. Marys
	(Tel 02 9833 0883)

# 5. Plasterboard & Fibro

On Site Reuse  Nil – All to be disposed of off-site.  Percentage Reused or Recycled Off Site Destination  Nil – All to be disposed of off-site.  Eco cycle, 155 Newtown Road, Wetherill Pa (Tel 02 0757 2999) or,	
Recycled (Tel 02 0757 2999) Off Site Destination or,	
	Park
Lucas Heights Waste Management Centre, Road, Lucas Heights. (Tel 1300 651 116), or, Suez Eastern Creel Resource Recovery P Road, Eastern Creek. Tel 8887 6112 or, Bingo Industries, 3-5 Duck Street, Auburn 116). or, Enviroguard, Cnr Mamre and Erskine Roads (Tel 02 9834 3411).	Park, Wallgrove n (Tel 1300 651

6. Metals / Steel / Guttering & Downpipes

Volume / Weight	15 cubic metres / 3.75 Tonnes
On Site Reuse	No
Percentage Reused or Recycled	60 – 90%
Off Site Destination	Boral Recycling, 3 Thackeray Street, Camelia (Tel 9529 4424) or, Hallinan's Recycling Centre, 37 Lee Holm Road, St. Marys (Tel 02 9833 0883) or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116)

# 7. Roof Tiles / Tiles

Volume / Weight	4 cubic metres / 3 Tonnes
On Site Reuse	Broken up and used as fill.
Percentage Reused or Recycled	80% - 90%
Off Site Destination	Obsolete Tiles, 3 South Street, Rydalmere. (Tel 02 9684 6333) or, Hallinan's Recycling Centre, 37 Lee Holm Road, St. Marys (Tel 02 9833 0883) or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116)

# 8. Plastics

Volume / Weight	6 cubic metres / 1 Tonne
On Site Reuse	Nil
Percentage Reused or Recycled	80% - 95%
Off Site Destination	Recycle Works, 45 Parramatta Road, Annandale (Tel 02 9517 2711)

9. Glass, Electrical & Light Fittings, PC items

Volume / Weight	6 cubic metres / 1 Tonne
On Site Reuse	No
Percentage Reused or Recycled	70% - 90%
Off Site Destination	Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights. (Tel 1300 651 116), or, Suez Eastern Creel Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112 or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116).

10. Fixture & Fittings (Doors Fittings, Other Fixtures, etc)

	(20010111111190, 0111011111111100, 010)			
Volume	10 cubic metres / 3.3 Tonnes			
On Site Reuse	Broken up and used as fill.			
Percentage Reused or Recycle	80% - 90%			
Off Site Destination	Hallinan's Recycling Centre, 37 Lee Holm Road, St. Marys (Tel 02 9833 0883) or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116) or, Recycle Works, 45 Parramatta Road, Annandale (Tel 02 9517 2711)			

### 11. Pallets

Volume / Weight	25 cubic metres / 8 Tonne
On Site Reuse	No
Percentage Reused or Recycle	90% - 100%
Off Site Destination	To an approved agency, or agencies, for reuse and resale.

### 1. Residual Waste

Volume / Weight	100 cubic metres / 100 Tonnes			
On Site Reuse	No			
Off Site Destination	Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights. (Tel 1300 651 116), or, or, Suez Eastern Creel Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112 or, Brandown, Lot 9 Elizabeth Drive, Kemps Creek (Tel 02 9826 1256) or, Bingo Industries, 3-5 Duck Street, Auburn (Tel 1300 651 116)			
Notes on calculation of volume of residual waste	<ol> <li>In calculating the amount of residual waste produced from the demolition of all buildings on site, it is estimated that 10% of it, will be residual waste.</li> <li>As all of the materials vary in weight per volume, a figure of 1 cubic metre of material is equal to 1 tonne in weight has been used.</li> </ol>			

It is noted that the quantities of materials detailed in this section (Part 3.2) are estimates only, based on current industry standards and quantity analysis, and may vary due to the prevailing nature of construction constraints, weather conditions, and any other unforeseeable activities associated with the construction of the buildings, which are beyond the control of the developer, including but not being limited to theft, accidents, and other acts of misadventure.

The facilities and agencies that have been nominated to receive the materials listed above have been identified within the NSW waste industry as being a facility or agency that will accept the materials specified in each respective table. The developer understands that any costs associated with the transportation and receival of these materials will be their responsibility.

The contractor is under no obligation to use any nominated facility or agency, but should any alternative arrangements be made, it will be the developers' responsibility to ensure that all materials excess to construction removed from the site are disposed of, or processed, appropriately.

The developer will keep a written record of all documentation associated with the transportation, disposal and processing of all materials associated with the demolition of all structures on site.

Additionally, during the construction of the building, every effort will be made to reduce and minimise the amount of building materials excess to its construction.

### 3.3 CONSTRUCTION - ON-SITE STORAGE OF MATERIALS

During the construction of the buildings, an area will be set aside on the site as a compound for the on-site storage of materials prior to their removal from the site. This compound will provide for: -

- Material sorting;
- Segregation of materials that may be hazardous and which will be required to be disposed of;
- Recovery equipment, such as concrete crushers, chippers, and skip bins;
- Material storage; and,
- Access for transport equipment.

Appropriate vehicular access will be provided on and off site, and to the compound, to enable the efficient removal of reusable, recyclables, and waste materials.

### 3.4 CONSTRUCTION - EXCAVATED MATERIAL

All excavated material removed from the site, as a result of any activities associated with the construction of the building, must be classified in accordance with the Department of Environment, Climate Change and Water NSW Waste Classification Guidelines prior to removal, transportation and disposal to an approved waste management facility.

All relevant details must be reported to the PCA.

# PART 4 – ON GOING USE OF BUILDING

### **4.1 OBJECTIVES**

- 1. To ensure the storage, amenity and management of waste is sufficient to meet the needs of the development.
- 2. To ensure that all waste management activities are carried efficiently, and in a manner that is efficient, and promotes the principles of health, safety, and convenience.
- 3. To promote waste minimisation practices.

### 4.2 ASSUMPTIONS

In preparing this proposal, the following assumptions have been made: -

- 1. The proposal consists of the for the construction of a two (2) storey residential building to be used as a boarding house containing 12 x rooms and one (1) common area.
- 2. Vehicular entry and egress to, and from the building will be on to Kelloway Avenue at the western frontage of the site.
- 3. It is proposed to locate a Waste Storage Area (WSA) is located on the Ground Floor of between Unit 5 and the driveway into the site, as indicated on the Architectural Drawings.
- 4. All waste and recycling bins associated with the use of the Boarding House will be stored within the confines of the WSA at all times.
- 5. All waste and recycling generation rates have been calculated in accordance with Camden Council's Waste Management Guideline (August 2019) Table 4 on page 37 Commercial Waste Generation Rates.
- 6. All waste will be stored in 4 x 240-litre mobile bins.
- 7. All recycling material will be stored in 4 x 240-litre mobile bins.
- 8. All green waste material will be stored in 2 x 240-litre mobile bins.
- 9. Waste services will be provided one (1) day per week.
- 10. Recycling services will be provided one (1) day per week.
- 11. Green Waste services will be provided fortnightly.
- 12. Although, the development is classified as a commercial operation, all waste and recycling services to the boarding house will be provided by Camden Council.
- 13. All collections will take place from a kerbside collection area located adjacent to the Kelloway Street frontage of the site.
- 14. The Owners Corporation will appoint a Building Manager or Caretaker whose responsibilities will include monitoring and managing all activities associated with the provision of waste and recycling services to the building.

### **4.3 WASTE HANDLING & MANAGEMENT**

All occupants will be responsible for depositing their waste and recycling material into the appropriate bins located in the Waste Storage Area (WSA).

All waste is to be placed in the red lidded waste bins. All recyclable material is to be placed in the yellow lidded recycling bins.

All waste and recyclables should be appropriately bagged (no plastic bags) or wrapped prior to being deposited into the designated bin.

Appropriate signage will be erected in each room and in a prominent place within the building to assist the occupants placing their waste and recyclables into the appropriate bins.

### 4.4 WASTE & RECYCLING - SERVICE REQUIREMENTS

All waste and recycling materials will be stored in approved receptacles of an appropriate size as specified in this WMP. The lids of the bins shall be closed at all times to reduce litter, stormwater pollution, odour, and vermin.

The Council in general requires that colour coded receptacle lids that distinguish each service component are to be provided: -

- General Waste Service Red Lidded receptacle,
- Recycling Service Yellow Lidded receptacle, and,
- Green Waste Service Green Lidded receptacle.

### 4.5 WASTE & RECYCLING GENERATION RATES

All waste and recycling generation rates have been calculated in accordance with the Camden Council Waste Management Guide – Table 4 – page 37 – Commercial Waste Generation Rates for Boarding Houses, based on:

- Waste 80-litres of waste per unit (room) per week,
- Recycling 80-itres of recycling per unit (room) per week, and,
- Green Waste No requirements See table below.

The following table (Table 1) specifies the criteria for waste and recycling generation rates based on the above information.

TABLE 1 – WASTE & RECYCLING GENERATION RATES

SERVICE TYPE	FORMULA	SPACE REQUIRED	BINS SIZE	SERVICES PER WEEK	BINS REQUIRED	BINS PROVIDED
Waste	12 x 80	960	240	1	4.00	4
Recycling	12 x 80	960	240	1	4.00	4
Green	N / A		240	0.5	N/A	2

The following table (Table 2) specifies the proposed bin servicing requirements for the building and is based on the above waste and recycling generation rates: -

TABLE 2 – PROPOSED SERVICING ARRANGEMENTS

WASTE	WASTE RECYCLING	
4 x 240-litre bins	4 x 240-litre bins	2 x 240-litre bins
One (1) Service per Week	One (1) Service per Week	One (1) Service per Fortnight

### 4.6 PROVISION OF RESIDENTIAL WASTE & RECYCLING SERVICES

### **4.6.1 Waste and Recycling Collection Service Provider Details**

Although the development is classified as a commercial operation, all waste and recycling services to the boarding house will be provided Camden Council.

### **4.6.2 Details of Mobile Containers**

In relation to the size and design of the waste and recycling mobile bins, the following technical information is provided: -

CONTAINER TYPE	HEIGHT (metres)	DEPTH (metres)	WIDTH (metres)	
240-litre mobile container	1.080	0.735	0.580	

### 4.6.3 Waste & Recycling Requirements

Waste and recycling requirements are provided in the table below.

TABLE 3 – RESIDENTIAL WASTE & RECYCLING SERVICES

SERVICE	NUMBER OF CONTAINERS	COLLECTION FREQUENCY		
Waste Service	4 x 240-litre mobile containers	One (1) Service per Week		
Recycling Service	4 x 240-litre mobile containers	One (1) Service per Week		
Green Waste Service	2 x 240-litre mobile containers	One (1) Service per Fortnight		

### 4.6.4 Location, Design, and Construction of Waste Storage Area (WSA)

The Waste Storage Area (WSA) is located on ground level between Unit 5 and the driveway into the site, as indicated on the Architectural Drawings and provides for the storage of all waste, recycling and green waste bins required to meet Council's servicing requirements for all rooms associated with the use of the boarding house.

The WSA is an enclosed trapezium shaped structure, with an area of approximately 17sqm. The area provides storage space for:

- 4 x 240-litre red lidded mobile waste bins.
- 4 x 240-litre yellow lidded mobile recycling bins, and,
- 2 x 240-litre green lidded mobile green waste bins.

All mobile bins will be stored with the boarding house will be stored within the confines of the WSA at all times.

All electrical equipment, including the provision of lighting, will be installed in accordance with the relevant Australian Standards.

### 4.6.5 Bin Presentation Details

All waste, recycling and green waste services will take place from the Kelloway Avenue kerbside on the eastern side of the driveway ramp into the building.

According to the Site Survey Plan, the development has a frontage to Kelloway Avenue of 29.80 metres – excluding the driveway.

The information provided herein will demonstrate that all residential waste and recycling services can be provided from the kerbside in a manner that will not impact negatively on the principles of health, safety, and convenience.

The table below describes the presentation scenario on the different collection days and the number of bins to be presented at any one time.

**TABLE 3 - BIN PRESENTATION** 

Service	Collection	Frontage	No of Bins	Length of	% of Bins over
Component	Point	(metres)	Presented	Bins on Kerb	Frontage
Waste	Kelloway Av	29.80	4 x 240-litre Waste Bins	7.08m	23.70%
Recycling	(Week 1)		4 x 240-litre Rec Bins		
Waste	Kelloway Av	29.80	4 x 240-litre Waste Bins	8.85m	29.60%
Recycling	(Week 2)		4 x 240-litre Rec Bins		
Green Waste			2 x 240-litre GW Bins		

### **Notes**

- 1. Calculations for 240-litre bins include the bin width 0.850m plus 0.300m clearance between bins as per industry standards.
- 2. Based on the proposed collection schedule it is assumed that waste and recycling collections waste will take place weekly and green waste services, fortnightly.
- 3. In Week 1, 4 x 240-litre waste bins and 4 x 240-litre recycling bins, will be placed out for collection, occupying 7.08m of the kerbside.
- 4. In Week 2, 4 x 240-litre waste bins, 4 x 240-litre recycling bins, and 2 x 240-litre green waste bins, will be placed out for collection, occupying 8.85m of the kerbside.

Based on the above calculations, the maximum number of bins presented for collection on any day will occupy 8.85m or 29.60% of it. All bins will be presented for servicing in single file with the handles facing the kerb.

### 4.6.6 Servicing Arrangements – Waste Collections

All waste services will be provided by Camden Council

All waste collections will take place from the Kelloway Avenue kerbside where the bins will be transported from the WSA to a kerbside collection point by the Building Manager on the evening prior to collection as detailed in Part 4.6.5 above.

The waste bins will be serviced one (1) day per week on a day to be determined by Council.

All 4 x 240-litre waste bins will be serviced on each collection day.

Bins will be returned to the WSA as soon as practicable after collection but no later than 2 hours after servicing.

### 4.6.7 Servicing Arrangements – Recycling Collections

All recycling services will be provided by Camden Council.

All recycling collections will take place from the Kelloway Avenue kerbside where the bins will be transported from the WSA to a kerbside collection point by the Building Manager on the evening prior to collection as detailed in Part 4.6.5 on page 22.

The recycling bins will be serviced one (1) day per fortnight on a day to be determined by Council, on alternate weeks to the green waste service.

All 4 x 240-litre recycling bins will be serviced on each collection day.

Bins will be returned to the WSA as soon as practicable after collection but no later than 2 hours after servicing.

### 4.6.8 Servicing Arrangements – Green Waste Collections

All green waste services will be provided by Camden Council.

All green waste collections will take place from the Kelloway Avenue kerbside where the bins will be transported from the WSA to a kerbside collection point by the Building Manager on the evening prior to collection as detailed in Part 4.6.5 on pages 22.

The green waste bins will be serviced one (1) day per fortnight on a day to be determined by Council.

Both 240-litre green waste bins will be serviced on each collection day. Bins will be returned to the WSA as soon as practicable after collection but no later than 2 hours after servicing.

### **4.7 BULKY WASTE MATERIAL**

As all rooms within the buildings will be fully furnished and as such it will not be necessary for occupants to bring large items of furniture, refrigeration equipment and bulky material onto the site.

Notwithstanding the above, a Bulky Waste Storage Area is provided and is located at the rear of the Bin Store. It has an area of approximately 6sqm.

It will be the responsibility of building management to arrange for the removal of any unwanted bulky waste on a regular basis.

# 4.8 ON GOING OPERATION, USE & MAINTENANCE OF WASTE MANAGEMENT FACILITIES

All waste management facilities will be maintained in a clean and hygienic condition that will promote the principles of health, safety, and convenience.

In order to achieve these objectives, the following facilities and devices will be required: -

- 1. The walls and floors of the Waste Storage Area is to be constructed of smooth faced masonry or concrete, and all walls will be painted with light coloured and washable paint.
- 2. The junction between all floors and walls will be coved and sealed up to 100mm above the floor level, in order to eliminate the build-up of dirt and grime.

- 3. A floor waste, connected to the Sydney Water drainage system in accordance with that Authority's requirements, will be provided to the WSA, and the floor will be graded to drain into it.
- 4. Appropriate washing facilities will be provided to the WSA, including appropriate plumbing and drainage fixtures and fittings, and the provision of running water.
- 5. The WSA will be washed and cleaned on a regular basis.
- 6. All mobile bins will be washed and cleaned on a regular basis.
- 7. All electrical equipment, including the provision of lighting, will be installed in accordance with the relevant Australian Standards.
- 8. Natural and mechanical ventilation will be required to be installed within all waste storage facilities in accordance with the relative provisions of the Building Code of Australia.
- 9. Appropriate signage will be displayed clearly identifying waste and recycling bins and the WSA.
- 10. Appropriate signage will be erected within the WSA, providing instruction on how to use waste, and recycling facilities, including what is and what is not recyclable.
- 11. The building management will be responsible for ensuring that all waste and recyclable matter and materials are placed and stored within the appropriate containers provided.

# PART 5 – SUMMARY

### **5.1 SUMMARY**

In summarising this proposal, the following information is provided:

- 1. This Waste Management Plan (WMP) has been developed and documented in accordance with the Camden Council's Waste Management Guideline 2019; and the requirements of the NSW LAC.
- 2. The WMP aims to promote the use of recyclable materials in the excavation, demolition, construction and on-going operation of the building.
- 3. The WMP aims to ensure the design of waste and recycling storage facilities are of an adequate size, appropriate for the intended use of the building, hygienic with safe and manoeuvrable access.
- 4. The WMP aims to ensure that the provision of waste and recycling services to the completed buildings are carried out in an efficient manner, which will promote the principles of health, safety and convenience.

The measures set out in this WMP aim to demonstrate that all such activities will be carried out efficiently and effectively, in a healthy, safe and convenient manner, to acceptable community standards, and to the requirements of the NSW LAHC and Camden Council.