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WILTON PARK ROAD & BERWICK PARK ROAD, WILTON

WASTE MANAGEMENT PLAN

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WILTON PARK ROAD & BERWICK PARK ROAD, WILTON
Waste Management Plan

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REV	DATE	DETAILS
A	14/10/2022	Draft Operational Waste Management Plan
B	10/05/2023	Operational Waste Management Plan

	NAME	DATE	SIGNATURE
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Reviewed by:	Laurence Gamble	10/05/2023	
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EXECUTIVE SUMMARY

The below is a summary of the Operational Waste Management Plan (OWMP) proposed for the subject site. The complete report must be read in detail prior to implementing the operational waste management plan.

The proposed for the commercial development located at Wilton Park Road & Berwick Park Road, Wilton. The development will comprise a series of warehouse lots with associated office spaces.

Table 1 summarises the potential waste systems and collection arrangements for the overall development.

Table 1 Waste Collection Summary

Waste Stream	Bin Sizes	Vehicle Type	Collection Frequency	Collection Operator
Garbage	4.5m^3 / 3m^3 / 1.5m^3	Front-lift	(Up to) 3 x per week	Private Contractor
	1100L	Rear-Lift		
	Compactor	Hook-lift		
Cardboard	4.5m^3 / 3m^3	Front-lift	(Up to) 2 x per week	Private Contractor
	1100L	Rear-Lift		
	Compactor	Hook-lift		
Commingles	1100L / 660L / 360L / 240L	Rear-Lift	(Up to) 2 x per week	Private Contractor
Extended streams	Various (refer Section 2.2.2)	Various	As required	Private Contractor

Collections will be undertaken from the respective loading zones of each tenant at ground level, to be accessed via the Berwick Park Road or Wilton Park Road crossovers and internal accessways of the site. Sufficient vehicle access is provided for a standard B-double semi-trailer vehicle to enter and exit the site in a forward direction – this will accommodate all vehicle types as listed.

Bins will be held within the waste stores of each individual loading zones at any given time. Front-lift / hook-lift bin collections will be coordinated such that sufficient clearance is provided throughout the loading zones to enable the lifting maneuvre (minimum 6m height clear to be provided at the point of each front-lift bin lift and 4.5m height clear at the point of each hook-lift bin lift).

All waste collections will be undertaken entirely onsite. Bins will not be presented to the kerb or stored outside the title boundary at any time.

Waste collections between tenancies should be collected concurrently by a single collection contractor where possible, as to minimise collection vehicle movements throughout the site.

1 INTRODUCTION

The following Operational Waste Management Plan has been prepared for the commercial development at Wilton Park Road & Berwick Park Road, Wilton.

This Operational Waste Management Plan (OWMP) and the waste generation rates therein have been prepared based on the Wollondilly Development Control Plan (2016) and current best practice waste management methodology and technologies commonly available in Australia.

1.1 LAND USE

Client:	Altis Property
Proposed Land Use:	E4 (General Industrial)
Development Type:	Commercial (Warehousing)

Figure 1 Indicative Site Layout

Table 2 Development Summary

Development Summary			
Lot	**Use**	**Warehouse**	**Office**
1	Warehouse 1	5,367m^2	200m^2
2	Warehouse 2	17,753m^2	800m^2
3	Warehouse 3A	1,830m^2	200m^2
	Warehouse 3B	2,363m^2	200m^2
	Warehouse 3C	1,937m^2	200m^2
	Warehouse 3D	1,935m^2	200m^2
	Warehouse 3E	1,934m^2	200m^2
4	Warehouse 4A	9,759m^2	400m^2
	Warehouse 4B	9,862m^2	400m^2
5	Warehouse 5A	10,207m^2	400m^2
	Warehouse 5B	10,299m^2	400m^2
6	Warehouse 6	17,481m^2	800m^2
7	Warehouse 7	10,417m^2	800m^2
8	Warehouse 8A	5,385m^2	200m^2
	Warehouse 8B	6,150m^2	200m^2
9	Warehouse 9A	20,598m^2	800m^2
	Warehouse 9B	14,863m^2	800m^2
10	Warehouse 10A	3,779m^2	200m^2
	Warehouse 10A	3,450m^2	200m^2
11	Warehouse 11	15,114m^2	800m^2
12	Warehouse 12A	8,225m^2	400m^2
	Warehouse 12B	8,225m^2	400m^2
	Warehouse 12C	8,225m^2	400m^2
	Warehouse 12D	4,742m^2	200m^2
	Warehouse 12E	3,510m^2	200m^2
	Warehouse 12F	2,620m^2	200m^2
	Warehouse 12G	1,805m^2	200m^2
	TOTAL:	**200,410m^2**	**10,000m^2**

2 WASTE MANAGEMENT PLAN

2.1 WASTE GENERATION

Waste generation rates per week are shown in Table 3. A waste generation assessment prepared in accordance with these rates is shown in Table 4. Calculations are based on a 5 day per week operation for all uses.

A detailed waste generation breakdown per warehouse can be seen in Appendix A.

Table 3 Waste Generation Rates

Use	Garbage (L/100m^2/week)	Cardboard (L/100m^2/week)	Commingles (L/100m^2/week)
Warehouse	50	43	7
Office	50	30	20

Table 4 Waste Generation Assessment

Waste Source	Garbage (L/week)	Cardboard (L/week)	Commingles (L/week)
Lot 1	2,784	2,368	416
Lot 2	9,277	7,874	1,403
Lot 3	5,501	4,600	899
Lot 4	10,211	8,677	1,533
Lot 5	10,654	9,058	1,595
Lot 6	9,141	7,757	1,384
Lot 7	5,609	4,719	889
Lot 8	5,968	5,081	888
Lot 9	18,531	15,728	2,802
Lot 10	3,815	3,229	587
Lot 11	7,957	6,739	1,218
Lot 12	19,678	16,662	3,015

2.2 WASTE SYSTEMS

Waste shall be sorted on-site by tenants as appropriate into the following **core** streams:

- Garbage (General Waste)
- Cardboard
- Commingled Recycling (including Container Deposit System (CDS))
- Bulky Waste

Further storage provisions will be made for the following **extended** waste streams:

- Secure Paper
- Timber (Pallets)
- Electronics

- Additional Stream (pending individual warehouse operations), including:
    - Soft Plastics / Packaging
    - Metal
    - Timber
    - Dry waste

In accordance with the NSW EPA document *Waste Classification Guidelines* (2014), garbage volumes will generally be treated as general solid waste (putrescible), and all other volumes (commingled recycling, cardboard, bulky waste, etc.) as general solid waste (non-putrescible).

Whilst intact electronics can generally be treated as general solid waste (non-putrescible), once broken these materials are often re-classified as hazardous waste due to chemical leakage. Any broken electronics will be classified on a case by case basis, with any ensuring hazardous waste volumes treated as separate volumes in accordance with proper handling protocols.

Each waste category will be managed, stored, and collected in accordance with appropriate standards. Storages areas will only be accessible by authorised personnel.

DISPOSAL FACILITIES

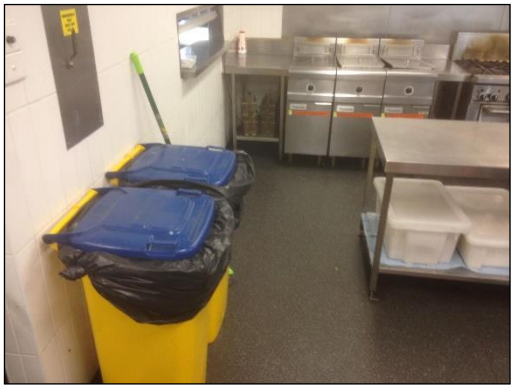
Throughout the development it will be ensured that it is as easy to dispose of recyclable materials as it is garbage. This will be achieved by ensuring the development is appropriately furnished with bin stations throughout the various active spaces of the site. The bin stations are to be clearly signed such that waste stream separation is easily identifiable and correct use of the bins is upheld.

Bin stations encourage the separation of recyclable materials. This system incorporates the provision of multiple bins for different waste streams at central locations and common areas for ease of disposal. This system is beneficial, as users are required to make a conscious decision as to which bin they place their items. This typically results in a reduced volume of garbage (landfill). In addition, the use of bin stations minimises the number of locations cleaners are required to service throughout the development.

Bin station size and type will vary according to operational preference and fitout works. Larger wheelie bins (typically up to 240L) may be used throughout the warehouse for ease of operations, particular at any locations of significant waste generation.

Figure 1 Example Bin Station Application

Typical office fitout



240L wheelie bins incorporated into fitout (at point of significant waste generation)

2.2.1 CORE WASTE STREAMS

GARBAGE, CARDBOARD, COMMINGLES

Each space of the development shall have provision for plastic lined garbage, cardboard and commingles bins for the temporary holding of waste, to have minimum cumulative holding capacities as shown in Table 5.

The "Transfer Rate" refers to the frequency at which waste should be transferred by cleaners/staff from the temporary holding bins to the waste stores at ground level for disposal per day.

Table 5 Core Waste Streams – Temporary Waste Storage Requirements

Use	Transfer Rate	Temporary Holding Requirements (L/100m^2)		
		Garbage	Cardboard	Commingles
Warehouse	Once per day	10	10	5
Office	Once per day	10	10	5

Staff/cleaners will transfer waste from these temporary holding bins (or the bins themselves, pending fitout) to ground level for disposal as appropriate. Pending operational preference, waste may be transferred via cleaners trolleys and/or via wheelie bins and/or manually handled as bagged material.

Noting the use of larger 1.5m^3 – 4.5m^3 skips throughout operations (sized according to warehouse – refer Section 2.3), a mobile bin lifter should be provided within each loading dock to provide a safe means of disposal. The bin lifters should be sized to accommodate 240L bins at minimum.

Separate waste stores will be provided within the loading zones of each tenancy, fitted with bins according to specific tenancy requirements. Each tenancy will manage their respective waste store in isolation – waste equipment and storage will **not** be shared between tenancies in any capacity.

Garbage is to be disposed of bagged. Cardboard and commingles are to be disposed of loosely, with any plastic liners disposed of within the garbage bins.

OPTIONAL EQUIPMENT FITOUT – GARBAGE / CARDBOARD COMPACTORS

Provision for larger waste compactors ***may*** be further considered, subject to tenant operations. Compactors ***may*** be particularly suitable to manage garbage / cardboard volumes of the larger warehouses (i.e. those > 20,000m^2) if desired (subject to preferred operations of each individual warehouse tenancy).

Any compactors will be incorporated into the fitout of each warehouse loading zone, subject to the preferred waste operations of each warehouse tenant. Bins / skips will otherwise be maintained as a base design measure as outlined in this report.

ADDITIONAL EQUIPMENT FITOUT – CARDBOARD / PLASTICS BALERS

Provision for waste balers ***may*** be further considered, subject to tenant operations. Balers ***may*** be particularly suitable to manage cardboard / soft plastics volumes of the larger warehouses (i.e. those > 20,000m^2) if desired (subject to preferred operations of each individual warehouse tenancy).

Any balers will likely be provided in conjunction with the front lift skips detailed above, with the method of waste disposal likely depend on the point of generation (i.e. cardboard volumes generated through incoming deliveries disposed of within front lift skip, cardboard volumes generated through general operations disposed of within the baler, etc.).

Any compactors will be incorporated into the fitout of each warehouse loading zone, subject to the preferred waste operations of each warehouse.. Bins / skips will otherwise be maintained as a base design measure as outlined in this report.

BULKY WASTE

Any bulky waste generated across the development will be temporarily staged within a dedicated bulky waste store within each loading zone. Staff / cleaners will transfer bulky waste volumes to the loading zones for collection on an as required basis.

Bulky waste will be collected via a private contractor on an as-required basis.

2.2.2 EXTENDED WASTE STREAMS

SECURE PAPER

Office spaces ***may*** be furnished with secure paper bins as deemed appropriate by each tenant. Secure paper collections will be performed on an "as required" basis via an authorised contractor.

Collection contractors will enter the building, collect and exchange the secure paper bins directly from each floor of the office tenancy, as per common practice. The office tenant and/or building management (or equivalent) will coordinate collection services.

TIMBER (PALLETS)

If warehouses stockpile timber pallets as a result of incoming goods deliveries, pallet storage can be incorporated into the dedicated bulky waste store of each warehouse. Warehouse pallet collections can be performed on an "as required" basis via an authorised contractor.

Pallets will be collected via a private contractor on an as-required basis.

ELECTRONICS (E-WASTE)

If warehouses expect to produce sizable volumes of e-waste across, a dedicated line marked area or bin can be incorporated within the bulky waste stores within each loading zone. Staff / cleaners will transfer E-waste waste volumes to the loading zones as required.

E-waste will be collected via a private contractor on an as-required basis.

ADDITIONAL STREAMS

Additional streams (such as soft plastics, metal, dry waste, etc.) may be separated as individual stream, pending warehouse operations and waste stream profile.

Additional stream separation will be coordinated at an individual tenancy level, with each individual tenant responsible for extended waste fitout (i..e provision of large skips for metals / dry waste) and collection.

2.3 BIN QUANTITY, SIZE AND COLLECTION FREQUENCY

Table 6 through Table 8 contain information regarding ***indicative*** bin quantity, size and frequency of collection across the wider site. Pending individual warehouse operations, bin size, quantity and collection frequency may differ to the below.

Due to the variance between capacities and actual volumes, fewer bins than those specified may be required to be collected. Only full bins will be presented for collection.

A detailed breakdown of expected waste equipment per warehouse can be seen in Appendix A.

Table 6 Garbage: Bin Information and Capacity

Garbage Bin Information				
Waste Source	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
Lot 1	1 x $3m^3$	1	3,000L	2,784L
Lot 2	1 x $4.5m^3$	2	9,000L	9,277L
Lot 3	1 x $1.5m^3$ + 4 x 1100L	1	5,900L	5,501L
Lot 4	2 x $3m^3$	2	12,000L	10,211L
Lot 5	2 x $3m^3$	2	12,000L	10,654L
Lot 6	1 x $4.5m^3$	2	9,000L	9,141L
Lot 7	1 x $3m^3$	2	6,000L	5,609L
Lot 8	1 x $3m^3$ + 1 x $4.5m^3$	1	7,500L	5,968L
Lot 9	2 x $4.5m^3$	Up to 3	22,500L	18,531L
Lot 10	2 x $3m^3$	1	6,000L	3,815L
Lot 11	1 x $4.5m^3$	2	9,000L	7,957L
Lot 12	4 x $3m^3$ + 3 x $4.5m^3$	1	25,500L	19,678L

Table 7 Cardboard: Bin Information and Capacity

Cardboard Bin Information				
Waste Source	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
Lot 1	1 x $3m^3$	1	3,000L	2,368L
Lot 2	1 x $4.5m^3$	2	9,000L	7,874L
Lot 3	5 x 1100L	1	5,500L	4,600L
Lot 4	2 x $4.5m^3$	1	9,000L	8,677L
Lot 5	2 x $4.5m^3$	1	9,000L	9,058L
Lot 6	1 x $4.5m^3$	2	9,000L	7,757L
Lot 7	1 x $4.5m^3$	1	4,500L	4,719L
Lot 8	2 x $3m^3$	1	6,000L	5,081L
Lot 9	2 x $4.5m^3$	2	18,000L	15,728L
Lot 10	2 x $3m^3$	1	6,000L	3,229L
Lot 11	1 x $4.5m^3$	2	9,000L	6,739L

Cardboard Bin Information				
Waste Source	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
Lot 12	4 x $3m^3$ + 3 x $4.5m^3$	1	25,500L	16,662L

Table 8 Commingles: Bin Information and Capacity

Commingles Bin Information				
Waste Source	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
Lot 1	1 x 660L	1	660L	416L
Lot 2	1 x 660L	2	1,320L	1,403L
Lot 3	5 x 240L	1	1,200L	899L
Lot 4	2 x 1100L	1	2,200L	1,533L
Lot 5	2 x 1100L	1	2,200L	1,595L
Lot 6	1 x 1100L	2	2,200L	1,384L
Lot 7	1 x 1100L	1	1,100L	889L
Lot 8	2 x 660L	1	1,320L	888L
Lot 9	2 x 1100L	2	4,400L	2,802L
Lot 10	2 x 360L	1	720L	587L
Lot 11	1 x 660L	2	1,320L	1,218L
Lot 12	4 x 360L + 3 x 660L	1	3,420l	3,015L

Typical equipment dimensions are shown in Table 9 below. Note that the specifications are for reference only and must be confirmed with the nominated supplier prior to any works commencing.

Table 9 Typical Equipment Dimensions

Typical Equipment Dimensions				
Item	**Width (mm)**	**Depth (mm)**	**Height (mm)**	**Footprint (m^2)**
$10m^3$ skip	5000	2000	1000	10.00
$4.5m^3$ skip	1800	1792	1500	3.23
$3m^3$ skip	1800	1375	1250	2.48
$1.5m^3$ Bin	1800	935	910	1.68
1100L Bin	1240	1070	1330	1.33
660L Bin	1260	780	1330	0.98
360L Bin	680	848	1100	0.58
240L Bin	585	730	1060	0.43
Bin Lifter (120L/240L)	950	1150	1765	1.09

2.4 WASTE STORAGE

Table 10 demonstrates the cumulative area requirements (excluding circulation) and provision of waste areas. Please refer to scaled drawings as shown in Appendix B.

Note that the below addresses the core waste fitout (garbage, commingles, cardboard, bulky waste) **only**. Provision of any additional waste equipment (i..e 10m^3 metals skip; if required) is not included in the below.

Table 10 detailed breakdown per warehouse can be seen in Appendix A.

Table 10 Waste Storage Area Requirement

Use	No. Bins Required								Bulky Waste Storage Required	Total Area Required
	4.5m^3 bin	3m^3 bin	1.5m3 bin	1100L bin	660L bin	360L bin	240L bin	Bin Lifter		
Lot 1	-	2	-	-	1	-	-	1	9m^2	16.03m^2
Lot 2	2	-	-	-	1	-	-	1	9m^2	17.53m^2
Lot 3	-	-	1	9	-	-	5	5	5 x 9m^2	66.25m^2
Lot 4	2	2	-	2	-	-	-	2	2 x 9m^2	34.26m^2
Lot 5	2	2	-	2	-	-	-	2	2 x 9m^2	34.26m^2
Lot 6	2	-	-	1	-	-	-	1	9m^2	17.88m^2
Lot 7	1	1	-	1	-	-	-	1	9m^2	17.13m^2
Lot 8	1	3	-	-	2	-	-	2	2 x 9m^2	32.81m^2
Lot 9	4	-	-	2	-	-	-	2	2 x 9m^2	35.76m^2
Lot 10	-	4	-	-	-	2	-	2	2 x 9m^2	31.26m^2
Lot 11	2	-	-	-	1	-	-	1	9m^2	17.53m^2
Lot 12	6	8	-	-	3	4	-	6	6 x 9m^2	105.02m^2

2.5 BIN COLOUR AND SUPPLIER

Australian Standard AS4123.7 2006 specifies the following bin colours, however due the private nature of waste collection these are only recommendations and are not mandatory:

- Garbage (general waste) bins shall have red lids with dark green or black body.
- Recycle bins shall have yellow lids with dark green or black body.
- Cardboard bins shall have blue with dark green or black body.

Private collection contractors often supply their own bins for collection.

2.6 WASTE COLLECTION METHODOLOGY

Waste will be collected by a private contractor as outlined in Table 11. Refer Section 2.6 for likely bin quantities per warehouse.

Table 11 Waste Collection Summary

Waste Stream	Bin Sizes	Vehicle Type	Collection Frequency	Collection Operator
Garbage	4.5m^3 / 3m^3 / 1.5m^3	Front-lift	(Up to) 3 x per week	Private Contractor
	1100L	Rear-Lift		
	Compactor	Hook-lift		
Cardboard	4.5m^3 / 3m^3	Front-lift	(Up to) 2 x per week	Private Contractor
	1100L	Rear-Lift		
	Compactor	Hook-lift		
Commingles	1100L / 660L / 360L / 240L	Rear-Lift	(Up to) 2 x per week	Private Contractor
Extended streams	Various (refer Section 2.2.2)	Various	As required	Private Contractor

Collections will be undertaken from the respective loading zones of each tenant at ground level, to be accessed via the Berwick Park Road or Wilton Park Road crossovers and internal accessways of the site. Sufficient vehicle access is provided for a standard B-double semi-trailer vehicle to enter and exit the site in a forward direction – this will accommodate all vehicle types as listed.

Bins will be held within the waste stores of each individual loading zones at any given time. Front-lift / hook-lift bin collections will be coordinated such that sufficient clearance is provided throughout the loading zones to enable the lifting maneuvre (minimum 6m height clear to be provided at the point of each front-lift bin lift and 4.5m height clear at the point of each hook-lift bin lift).

All waste collections will be undertaken entirely onsite. Bins will not be presented to the kerb or stored outside the title boundary at any time.

Waste collections between tenancies should be collected concurrently by a single collection contractor where possible, as to minimise collection vehicle movements throughout the site.

3 CONSTRUCTION AND DEMOLITION WASTE

A detailed Construction and Demolition (C&D) waste strategy should be incorporated into the site's Construction Management Plan (CMP), to be prepared as a separate document by the principal construction contractor prior to the commencement of construction works.

The CMP should include detail of:

- The type and estimated volume of waste to be generated during demolition and construction and respective recycling, reuse and disposal methods;
- Location and space allocated for the storage of demolition and construction waste or materials; and
- Waste collection point(s) for the site.

Maximised diversion of C&D waste from landfill should be targeted for this development, to be achieved through appropriate material separation practices. The specific re-use, removal or treatment of C&D waste will be undertaken by a third party as appropriate.

The following is provided as a high-level summary of C&D requirements for ease of reference. Information as shown is not intended to form the basis of any construction and/or demolition works, and will be superseded in full by the C&D strategy as nominated in the CMP.

Note that no demolition works are proposed under the subject application, with the subject land parcel mostly unoccupied by any structure. Minimal demolition waste will be generated by the subject development, and as such the following assessment addresses the construction phase only.

3.1 CONSTRUCTION PHASE

Construction works will generally generate waste through the erection and finishing of the development (i.e. construction waste). The CMP should include a detailed C&D waste strategy in line with the head contractor's program and trades scheduling.

Most waste products generated throughout construction works can be readily recycled or reused, and include steel framing, damaged glazing, cladding and roof sheeting, plasterboard linings, timber features and framing, metals, concrete and rubble. Metal and plastic piping and conduits, cabling and floor finishes such as carpet and tiling should also be recovered.

Accurate materials estimation and ordering, offsite prefabrication of framing modules and fitout components, and monitoring and review of specifications and onsite construction and fitout operations will minimise the potential volume of construction waste to be generated in the first instance.

Wherever possible, construction waste will be stored and sorted on-site, including on-site collection zones for each waste stream. Any waste skips be stored in public places will be done so in accordance with Council policy.

Subcontractors and other site personnel should be educated regarding requirements for recovery of waste. This will assist in maximising recovery of resources from C&D waste on-site, and minimise the cost and environmental impacts of waste being disposed to landfill.

3.1.1 WASTE SYSTEMS

A detailed waste strategy should form part of the CMP to be provided by the principal construction contractor prior to commencement. As per standard industry practice, a minimum 80% diversion rate from landfill for waste generated from construction activities should be targeted across the subject site.

A high level overview of reuse, recycle and disposal opportunities for each demolition waste stream is provided in Table 12 below. Information as shown is provided for discussion only and should not be used as the basis of any construction works or waste reporting.

Table 12 Construction Waste – Aspirational Stream Separation

Waste Stream	Typical Receptacle	Note
Excavation Material	Skips	**Re-Use (Onsite / Offsite)**: Re-apply as fill.
Brick	Skips	**Re-Use (Onsite)**: Crush on-site for application as fill / gravel. **Recycle**: Transported to a C&D waste recycler for recovery.
Concrete	Skips	**Re-Use (Onsite)**: Crush on-site for application as fill / gravel. **Recycle**: Transported to a C&D waste recycler for recovery.
Timber (untreated)	Skips	**Re-Use (Onsite)**: Timber chipped for application onsite as fill / landscaping. **Recycle**: Transported to a C&D waste recycler for recovery.
Plasterboard	Skips	**Recycle**: Transported to a C&D waste recycler for recovery.
Metals	Skips	**Recycle**: Transported to a C&D waste recycler for recovery.
Other Waste	Skips	**Recycle**: Transported to a C&D waste recycler for the recovery of any additional, minor streams (i.e. glass, plastics, tiles, etc.). **Dispose**: Residual volumes sent to landfill.
Domestic General Waste	Bins	**Dispose**: Volumes sent to landfill.
Domestic Recyclables	Bins	**Recycle:** Volumes transported to a recycling / cardboard plant for recycling into recovered products.
Cardboard		

3.1.2 WASTE GENERATION

A high-level estimate of waste volumes generated throughout proposed construction works is provided in Table 13 below.

Estimated volumes of construction and demolition waste materials have been calculated based on information provided in the following reference documents:

- Shoalhaven City Council - Waste Minimisation and Management Guidelines (2019)
- Camden Council Waste Management Guidelines (2019)
- WALGA Construction Waste Management Plan Guidelines (2014).
- The Hills Development Control Plan (2012)

Note that as the Wollondilly Development Control Plan (2016) does not contain any reference material to estimate C&D waste volumes it has not been included in the above list. If this document is updated in the future to include detail of C&D waste generation, it may be considered alongside the above list.

It is acknowledged that the estimated C&D waste volumes have been reviewed by our client and may be updated when more accurate estimates are received by the relevant personnel (e.g., head contractor or quantity surveyor). Values as shown are provided as estimates only and should not be used as the basis of any C&D works or waste reporting. Detailed material estimates and strategies for on-site material reuse should be provided as part of the CMP.

Table 13 Construction Waste Estimates

Waste Source	Building Area	Construction Waste Volumes (t)					
		Brick	Concrete	Timber (untreated)	Plasterboard	Metals	Other Waste
Warehouse	204,835m^2	338	430	51	92	123	102
Office	10,400m^2	88	196	53	89	29	52
TOTAL		**426**	**626**	**104**	**181**	**152**	**154**

Table 14 Construction Waste Summary

Waste Stream	Nearby Resource Recovery Facility	% Typically Recovered	Total Estimated Volume (t)	Estimated Diversion from Landfill (t)
Brick	Benedict Recycling Unanderra	100%	426	426
Concrete		100%	626	626
Timber (untreated)		33%	104	34
Plasterboard		50%	181	91
Metals	REMONDIS Australia - Picton	100%	152	152
Other Waste	NA - landfilled	0%	154	0
TOTAL WASTE GENERATED			**1,644**	**1,329**
TYPICAL % OF WASTE RECYCLED				**81%**

Note: Excavated material / sands / soils and domestic garbage / recyclables excluded from construction waste estimates.

Note: Above estimates address the construction of the new warehouse structures only. Any waste generated from additional activities (i.e. carpark paving, landscaping, etc.) is not included in the above.

4 ADDITIONAL INFORMATION

4.1 STANDARDS & COMPLIANCE

4.1.1 VENTILATION

Ventilation will be provided in accordance with Australian Standard AS1668.

4.1.2 WASHING AND VERMIN PROTECTION

A third party bin washing service can be engaged to undertake this service. Bin washing suppliers must retain all waste water to within their washing apparatus and not impact on the drainage provisions of the site.

4.1.3 NOISE REDUCTION

All waste areas shall meet BCA and AS2107 acoustic requirements as appropriate with operational hours and collection times assigned to minimise acoustic impact on surrounding premises.

4.2 SIGNAGE

Waste storage areas and bins will be clearly marked and signed with the standard NSW EPA signage or equivalent (such as shown in Figure 2). Staff / cleaners will be instructed by building management to adhere to these requirements.

Figure 2 NSW EPA Waste Management Signage

4.3 SUPPLIER CONTACT INFORMATION

A complimentary listing of contractors and equipment suppliers is provided in Table 15 below for your reference. You are not obligated to procure goods/services from these companies. This is not, nor is it intended to be, a complete list of available suppliers. WSP does not warrant (or make representations for) the goods/services provided by these suppliers.

Table 15 Supplier Contact List

Service Type	Contractor / Supplier Name	Phone	Website
Private Waste Collectors	SUEZ Environment	13 13 35	www.sita.com.au
	Cleanaway	13 13 39	www.cleanaway.com.au
	Veolia	132 955	www.veolia.com
Private Waste Collectors (C&D Waste)	Bingo Bins	1300 424 646	www.bingoindustries.com.au
	Transwaste Skips	(02) 9746 8333	www.transwaste.com.au
	Brown Brothers Skip Bins	(02) 9999 6466	www.brownbrosbins.com.au
	Cobra Waste Solutions	1300 484 448	www.cobrawaste.com.au
Equipment Suppliers	Wastech Engineering (*Compactor, Balers*)	(03) 8787 1600	www.wastech.com.au
	Elephant's Foot (*Compactors, Balers*)	(02) 9780 3500	www.elephantsfoot.com.au
	Superior Pak (*Compactors, Balers*)	1800 013 232	www.superiorpak.com.au
	Sulo Australia *(Bins)*	1300 364 388	www.sulo.com.au
Bin Washing Services	The Bin Butlers	1300 788 123	www.thebinbutlers.com.au
	Kerbside Clean-A-Bin	(03) 9830 7381	www.kerbsidecleanabin-srp.com.au
	Calcorp Services	1800 225 267	www.calcorpservices.com.au
	WBCM Environmental Australia	1300 800 621	www.wbcm-aust.com.au
E-waste Collection Services	TechCollect	1300 229 837	www.techcollect.com.au
	Mobile Muster *(Mobile Phones)*	1800 249 113	www.mobilemuster.com.au
	ToxFree *(Secure E-waste Destruction)*	1300 869 373	www.toxfree.com.au
Off-Site C&D Recycling Facilities	Benedict Recycling Unanderra	(02) 4274 1322	https://www.benedict.com.au/
	Patons Lane RRC, Orchard Hills	1300 424 646	https://www.patonslane.com.au/
	Bingo Eastern Creek Recycling Ecology Park (& Landfill)	1300 424 646	https://www.bingoindustries.com.au/
	SUEZ Resource Recovery Centre, Auburn	13 13 35	www.suez.com.au

APPENDIX A

WASTE ASSESSMENT PER WAREHOUSE

A1 WASTE GENERATION

Table 16 Detailed Breakdown - Waste Generation Assessment

Lot	Waste Source	Garbage (L/week)	Cardboard (L/week)	Commingles (L/week)
1	Warehouse 1	2,784	2,368	416
SUBTOTAL – LOT 1		**2,784**	**2,368**	**416**
2	Warehouse 2	9,277	7,874	1,403
SUBTOTAL – LOT 2		**9,277**	**7,874**	**1,403**
3	Warehouse 3A	1,015	847	168
	Warehouse 3B	1,282	1,076	205
	Warehouse 3C	1,069	893	176
	Warehouse 3D	1,068	892	175
	Warehouse 3E	1,067	892	175
SUBTOTAL – LOT 3		**5,501**	**4,600**	**899**
4	Warehouse 4A	5,080	4,316	763
	Warehouse 4B	5,131	4,361	770
SUBTOTAL – LOT 4		**10,211**	**8,677**	**1,533**
5	Warehouse 5A	5,304	4,509	794
	Warehouse 5B	5,350	4,549	801
SUBTOTAL – LOT 5		**10,654**	**9,058**	**1,595**
6	Warehouse 6	9,141	7,757	1,384
SUBTOTAL – LOT 6		**9,141**	**7,757**	**1,384**
7	Warehouse 7	5,609	4,719	889
SUBTOTAL – LOT 7		**5,609**	**4,719**	**889**
8	Warehouse 8A	2,793	2,376	417
	Warehouse 8B	3,175	2,705	471
SUBTOTAL – LOT 8		**5,968**	**5,081**	**888**
9	Warehouse 9A	10,699	9,097	1,602
	Warehouse 9B	7,832	6,631	1,200
SUBTOTAL – LOT 9		**18,531**	**15,728**	**2,802**
10	Warehouse 10A	1,990	1,685	305
	Warehouse 10A	1,825	1,544	282
SUBTOTAL – LOT 10		**3,815**	**3,229**	**587**
11	Warehouse 11	7,957	6,739	1,218
SUBTOTAL – LOT 11		**7,957**	**6,739**	**1,218**

Lot	Waste Source	Garbage (L/week)	Cardboard (L/week)	Commingles (L/week)
12	Warehouse 12A	4,313	3,657	656
	Warehouse 12B	4,313	3,657	656
	Warehouse 12C	4,313	3,657	656
	Warehouse 12D	2,471	2,099	372
	Warehouse 12E	1,855	1,569	286
	Warehouse 12F	1,410	1,187	223
SUBTOTAL – LOT 12		**19,678**	**16,662**	**3,015**

A2 BIN QUANTITY, SIZE AND COLLECTION FREQUENCY

Noting that waste volumes of each individual warehouse are to be managed in accordance with each tenant's standard operational plan and standard design fit out preferences for waste, the below is provided as a summary of ***possible*** operations only. In actual practice waste equipment may differ to that described below.

Table 17 Detailed Breakdown - Garbage: Bin Information and Capacity

Garbage Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
1	Warehouse 1	1 x 3m^3	1	3,000L	2,784L
SUBTOTAL – LOT 1		**1 x 3m^3**	**1**	**3,000L**	**2,784L**
2	Warehouse 2	1 x 4.5m^3	2	9,000L	9,277L
SUBTOTAL – LOT 2		**1 x 4.5m^3**	**2**	**9,000L**	**9,277L**
3	Warehouse 3A	1 x 1100L	1	1,100L	1,015L
	Warehouse 3B	1 x 1.5m^3	1	1,500L	1,282L
	Warehouse 3C	1 x 1100L	1	1,100L	1,069L
	Warehouse 3D	1 x 1100L	1	1,100L	1,068L
	Warehouse 3E	1 x 1100L	1	1,100L	1,067L
SUBTOTAL – LOT 3		**1 x 1.5m^3 + 4 x 1100L**	**1**	**5,900L**	**5,501L**
4	Warehouse 4A	1 x 3m^3	2	6,000L	5,080L
	Warehouse 4B	1 x 3m^3	2	6,000L	5,131L
SUBTOTAL – LOT 4		**2 x 3m^3**	**2**	**12,000L**	**10,211L**
5	Warehouse 5A	1 x 3m^3	2	6,000L	5,304L
	Warehouse 5B	1 x 3m^3	2	6,000L	5,350L
SUBTOTAL – LOT 5		**2 x 3m^3**	**2**	**12,000L**	**10,654L**
6	Warehouse 6	1 x 4.5m^3	2	9,000L	9,141L
SUBTOTAL – LOT 6		**1 x 4.5m^3**	**2**	**9,000L**	**9,141L**
7	Warehouse 7	1 x 3m^3	2	6,000L	5,609L
SUBTOTAL – LOT 7		**1 x 3m3**	**2**	**6,000L**	**5,609L**
8	Warehouse 8A	1 x 3m^3	1	3,000L	2,793L
	Warehouse 8B	1 x 4.5m^3	1	4,500L	3,175L
SUBTOTAL – LOT 8		**1 x 3m^3 + 1 x 4.5m^3**	**1**	**7,500L**	**5,968L**
9	Warehouse 9A	1 x 4.5m^3	3	13,500L	10,699L
	Warehouse 9B	1 x 4.5m^3	2	9,000L	7,832L

Garbage Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
	SUBTOTAL – LOT 9	**2 x 4.5m3**	**Up to 3**	**22,500L**	**18,531L**
10	Warehouse 10A	1 x 3m^3	1	3,000L	1,990L
	Warehouse 10B	1 x 3m^3	1	3,000L	1,825L
	SUBTOTAL – LOT 10	**2 x 3m^3**	**1**	**6,000L**	**3,815L**
11	Warehouse 11	1 x 4.5m^3	2	9,000L	7,957L
	SUBTOTAL – LOT 11	**1 x 4.5m^3**	**2**	**9,000L**	**7,957L**
12	Warehouse 12A	1 x 4.5m^3	1	4,500L	4,313L
	Warehouse 12B	1 x 4.5m^3	1	4,500L	4,313L
	Warehouse 12C	1 x 4.5m^3	1	4,500L	4,313L
	Warehouse 12D	1 x 3m^3	1	3,000L	2,471L
	Warehouse 12E	1 x 3m^3	1	3,000L	1,855L
	Warehouse 12F	1 x 3m^3	1	3,000L	1,410L
	Warehouse 12G	1 x 3m^3	1	3,000L	1,003L
	SUBTOTAL – LOT 12	**4 x 3m^3 + 3 x 4.5m^3**	**1**	**25,500L**	**19,678L**

Table 18 Detailed Breakdown - Cardboard: Bin Information and Capacity

Cardboard Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
1	Warehouse 1	1 x 3m^3	1	3,000L	2,368L
	SUBTOTAL – LOT 1	**1 x 3m^3**	**1**	**3,000L**	**2,368L**
2	Warehouse 2	1 x 4.5m^3	2	9,000L	7,874L
	SUBTOTAL – LOT 2	**1 x 4.5m^3**	**2**	**9,000L**	**7,874L**
3	Warehouse 3A	1 x 1100L	1	1,100L	847L
	Warehouse 3B	1 x 1100L	1	1,100L	1,076L
	Warehouse 3C	1 x 1100L	1	1,100L	893L
	Warehouse 3D	1 x 1100L	1	1,100L	892L
	Warehouse 3E	1 x 1100L	1	1,100L	892L
	SUBTOTAL – LOT 3	**5 x 1100L**	**1**	**5,500L**	**4,600L**
4	Warehouse 4A	1 x 4.5m^3	1	4,500L	4,316L
	Warehouse 4B	1 x 4.5m^3	1	4,500L	4,361L
	SUBTOTAL – LOT 4	**2 x 4.5m^3**	**1**	**9,000L**	**8,677L**
5	Warehouse 5A	1 x 4.5m^3	1	4,500L	4,509L
	Warehouse 5B	1 x 4.5m^3	1	4,500L	4,549L
	SUBTOTAL – LOT 5	**2 x 4.5m^3**	**1**	**9,000L**	**9,058L**

Cardboard Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
6	Warehouse 6	1 x 4.5m^3	2	9,000L	7,757L
	SUBTOTAL – LOT 6	**1 x 4.5m^3**	**2**	**9,000L**	**7,757L**
7	Warehouse 7	1 x 4.5m^3	1	4,500L	4,719L
	SUBTOTAL – LOT 7	**1 x 4.5m^3**	**1**	**4,500L**	**4,719L**
8	Warehouse 8A	1 x 3m^3	1	3,000L	2,376L
	Warehouse 8B	1 x 3m^3	1	3,000L	2,705L
	SUBTOTAL – LOT 8	**2 x 3m^3**	**1**	**6,000L**	**5,081L**
9	Warehouse 9A	1 x 4.5m^3	2	9,000L	9,097L
	Warehouse 9B	1 x 4.5m^3	2	9,000L	6,631L
	SUBTOTAL – LOT 9	**2 x 4.5m^3**	**2**	**18,000L**	**15,728L**
10	Warehouse 10A	1 x 3m^3	1	3,000L	1,685L
	Warehouse 10A	1 x 3m^3	1	3,000L	1,544L
	SUBTOTAL – LOT 10	**2 x 3m^3**	**1**	**6,000L**	**3,229L**
11	Warehouse 11	1 x 4.5m^3	2	9,000L	6,739L
	SUBTOTAL – LOT 11	**1 x 4.5m^3**	**2**	**9,000L**	**6,739L**
12	Warehouse 12A	1 x 4.5m^3	1	4,500L	3,657L
	Warehouse 12B	1 x 4.5m^3	1	4,500L	3,657L
	Warehouse 12C	1 x 4.5m^3	1	4,500L	3,657L
	Warehouse 12D	1 x 3m^3	1	3,000L	2,099L
	Warehouse 12E	1 x 3m^3	1	3,000L	1,569L
	Warehouse 12F	1 x 3m^3	1	3,000L	1,187L
	Warehouse 12G	1 x 3m^3	1	3,000L	836L
	SUBTOTAL – LOT 12	**4 x 3m3 + 3 x 4.5m^3**	**1**	**25,500L**	**16,662L**

Table 19 Detailed Breakdown - Commingles: Bin Information and Capacity

Commingles Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
1	Warehouse 1	1 x 660L	1	660L	416L
	SUBTOTAL – LOT 1	**1 x 660L**	**1**	**660L**	**416L**
2	Warehouse 2	1 x 660L	2	1,320L	1,403L
	SUBTOTAL – LOT 2	**1 x 660L**	**1**	**1,320L**	**1,403L**
3	Warehouse 3A	1 x 240L	1	240L	168L
	Warehouse 3B	1 x 240L	1	240L	205L
	Warehouse 3C	1 x 240L	1	240L	176L

Commingles Bin Information					
Lot	**Waste Source**	**No. Bins**	**Collections Per Week**	**Weekly Capacity**	**Weekly Volume**
	Warehouse 3D	1 x 240L	1	240L	175L
	Warehouse 3E	1 x 240L	1	240L	175L
SUBTOTAL – LOT 3		**5 x 240L**	**1**	**1,200L**	**899L**
4	Warehouse 4A	1 x 1100L	1	1,100L	763L
	Warehouse 4B	1 x 1100L	1	1,100L	770L
SUBTOTAL – LOT 4		**2 x 1100L**	**1**	**2,200L**	**1,533L**
5	Warehouse 5A	1 x 1100L	1	1,100L	794L
	Warehouse 5B	1 x 1100L	1	1,100L	801L
SUBTOTAL – LOT 5		**2 x 1100L**	**1**	**2,200L**	**1,595L**
6	Warehouse 6	1 x 1100L	2	2,200L	1,384L
SUBTOTAL – LOT 6		**1 x 1100L**	**2**	**2,200L**	**1,384L**
7	Warehouse 7	1 x 1100L	1	1,100L	889L
SUBTOTAL – LOT 7		**1 x 1100L**	**1**	**1,100L**	**889L**
8	Warehouse 8A	1 x 660L	1	660L	417L
	Warehouse 8B	1 x 660L	1	660L	471L
SUBTOTAL – LOT 8		**2 x 660L**	**1**	**1,320L**	**888L**
9	Warehouse 9A	1 x 1100L	2	2,200L	1,602L
	Warehouse 9B	1 x 1100L	2	2,200L	1,200L
SUBTOTAL – LOT 9		**2 x 1100L**	**2**	**4,400L**	**2,802L**
10	Warehouse 10A	1 x 360L	1	360L	305L
	Warehouse 10A	1 x 360L	1	360L	282L
SUBTOTAL – LOT 10		**2 x 360L**	**1**	**720L**	**587L**
11	Warehouse 11	1 x 660L	2	1,320L	1,218L
SUBTOTAL – LOT 11		**1 x 660L**	**2**	**1,320L**	**1,218L**
12	Warehouse 12A	1 x 660L	1	660L	656L
	Warehouse 12B	1 x 660L	1	660L	656L
	Warehouse 12C	1 x 660L	1	660L	656L
	Warehouse 12D	1 x 360L	1	360L	372L
	Warehouse 12E	1 x 360L	1	360L	286L
	Warehouse 12F	1 x 360L	1	360L	223L
	Warehouse 12G	1 x 360L	1	360L	166L
SUBTOTAL – LOT 12		**4 x 360L + 3 x 660L**	**1**	**3,420L**	**3,015L**

A3 WASTE STORAGE

Noting that waste volumes of each individual warehouse are to be managed in accordance with each tenant's standard operational plan and standard design fit out preferences for waste, the below is provided as a summary of possible equipment fitout only. In actual practice waste equipment may differ to that described below.

Table 20 Detailed Breakdown - Waste Storage Area Requirement

Lot	Waste Source	No. Bins Required								Bulky Waste Storage Required	Total Area Required
		4.5m³ bin	3m³ bin	1.5m³ bin	1100L bin	660L bin	360L bin	240L bin	Bin Lifter		
1	Warehouse 1	-	2	-	-	1	-	-	1	9m²	16.03m²
	SUBTOTAL – LOT 1	**-**	**2**	**-**	**-**	**1**	**-**	**-**	**1**	**9m²**	**16.03m²**
2	Warehouse 2	2	-	-	-	1	-	-	1	9m²	17.53m²
	SUBTOTAL – LOT 2	**2**	**-**	**-**	**-**	**1**	**-**	**-**	**1**	**9m²**	**17.53m²**
3	Warehouse 3A	-	-	-	2	-	-	1	1	9m²	13.18m²
	Warehouse 3B	-	-	1	1	-	-	1	1	9m²	13.53m²
	Warehouse 3C	-	-	-	2	-	-	1	1	9m²	13.18m²
	Warehouse 3D	-	-	-	2	-	-	1	1	9m²	13.18m²
	Warehouse 3E	-	-	-	2	-	-	1	1	9m²	13.18m²
	SUBTOTAL – LOT 3	**-**	**-**	**1**	**9**	**-**	**-**	**5**	**5**	**5 x 9m²**	**66.25m²**
4	Warehouse 4A	1	1	-	1	-	-	-	1	9m²	17.13m²
	Warehouse 4B	1	1	-	1	-	-	-	1	9m²	17.13m²
	SUBTOTAL – LOT 4	**2**	**2**	**-**	**2**	**-**	**-**	**-**	**2**	**2 x 9m²**	**34.26m²**
5	Warehouse 5A	1	1	-	1	-	-	-	1	9m²	17.13m²
	Warehouse 5B	1	1	-	1	-	-	-	1	9m²	17.13m²
	SUBTOTAL – LOT 5	**2**	**2**	**-**	**2**	**-**	**-**	**-**	**2**	**2 x 9m²**	**34.26m²**
6	Warehouse 6	2	-	-	1	-	-	-	1	9m²	17.88m²
	SUBTOTAL – LOT 6	**2**	**-**	**-**	**1**	**-**	**-**	**-**	**1**	**9m²**	**17.88m²**
7	Warehouse 7	1	1	-	1	-	-	-	1	9m²	17.13m²
	SUBTOTAL – LOT 7	**1**	**1**	**-**	**1**	**-**	**-**	**-**	**1**	**9m²**	**17.13m²**
8	Warehouse 8A	-	2	-	-	1	-	-	1	9m²	16.03m²
	Warehouse 8B	1	1	-		1	-	-	1	9m²	16.78m²
	SUBTOTAL – LOT 8	**1**	**3**	**-**	**-**	**2**	**-**	**-**	**2**	**2 x 9m²**	**32.81m²**
9	Warehouse 9A	2	-	-	1	-	-	-	1	9m²	17.53m²
	Warehouse 9B	2	-	-	1	-	-	-	1	9m²	17.53m²
	SUBTOTAL – LOT 9	**4**	**-**	**-**	**2**	**-**	**-**	**-**	**2**	**2 x 9m²**	**35.76m²**

Lot	Waste Source	No. Bins Required								Bulky Waste Storage Required	Total Area Required
		4.5m³ bin	3m³ bin	1.5m³ bin	1100L bin	660L bin	360L bin	240L bin	Bin Lifter		
10	Warehouse 10A	-	2	-	-	-	1	-	1	9m²	15.63m²
	Warehouse 10A	-	2	-	-	-	1	-	1	9m²	15.63m²
SUBTOTAL – LOT 10		**-**	**4**	**-**	**-**	**-**	**2**	**-**	**2**	**2 x 9m²**	**31.26m²**
11	Warehouse 11	2	-	-	-	1	-	-	1	9m²	17.53m²
SUBTOTAL – LOT 11		**2**	**-**	**-**	**-**	**1**	**-**	**-**	**1**	**9m²**	**17.53m²**
12	Warehouse 12A	2	-	-	-	1	-	-	1	9m²	17.53m²
	Warehouse 12B	2	-	-	-	1	-	-	1	9m²	17.53m²
	Warehouse 12C	2	-	-	-	1	-	-	1	9m²	17.53m²
	Warehouse 12D	-	2	-	-	-	1	-	1	9m²	15.63m²
	Warehouse 12E	-	2	-	-	-	1	-	1	9m²	15.63m²
	Warehouse 12F	-	2	-	-	-	1	-	1	9m²	15.63m²
	Warehouse 12G	-	2	-	-	-	1	-	1	9m²	15.63m²
SUBTOTAL – LOT 12		**6**	**8**	**-**	**-**	**3**	**4**	**-**	**6**	**6 x 9m²**	**105.02m²**

APPENDIX B

MASTERPLAN DRAWINGS

WILTON INDUSTRIAL PARK MASTERPLAN (REV-E)

LEGEND

- Site Boundary
- Rezoning Boundary
- Proposed Buildings
- Basins / WSUD
- Edge Trail / Pedestrian and Cycle Links
- Cafe / Amenity Areas / Breakout Spaces

Scale 1:8000

N

0m 80 160 240 320 400m

DEVELOPMENT ANALYSIS

BUILDING	GLA - APPROX
LOT 01	
WAREHOUSE 01	5,367 m²
OFFICE 01	200 m²
	5,567 m²
LOT 02	
WAREHOUSE 02	14,753 m²
OFFICE 02	800 m²
	15,553 m²
LOT 03	
WAREHOUSE 03A	1,830 m²
OFFICE 03A	200 m²
WAREHOUSE 03B	2,363 m²
OFFICE 03B	200 m²
WAREHOUSE 03C	1,937 m²
OFFICE 03C	200 m²
WAREHOUSE 03D	1,935 m²
OFFICE 03D	200 m²
WAREHOUSE 03E	1,934 m²
OFFICE 03E	200 m²
	10,999 m²
LOT 04	
WAREHOUSE 04A	9,759 m²
OFFICE 04A	400 m²
WAREHOUSE 04B	9,862 m²
OFFICE 04B	400 m²
	20,421 m²
LOT 05	
WAREHOUSE 05A	10,207 m²
OFFICE 05A	400 m²
WAREHOUSE 05B	10,299 m²
OFFICE 05B	400 m²
	21,306 m²
LOT 06	
WAREHOUSE 06	17,481 m²
OFFICE 06	800 m²
	18,281 m²
LOT 07	
WAREHOUSE 07	10,417 m²
OFFICE 07	800 m²
	11,217 m²
LOT 08	
WAREHOUSE 08A	5,385 m²
OFFICE 08A	200 m²
WAREHOUSE 08B	6,150 m²
OFFICE 08B	200 m²
	11,935 m²
LOT 09	
WAREHOUSE 09A	20,598 m²
OFFICE 09A	800 m²
WAREHOUSE 09B	14,863 m²
OFFICE 09B	800 m²
	37,061 m²
LOT 10	
WAREHOUSE 10A	3,779 m²
OFFICE 10A	200 m²
WAREHOUSE 10B	3,450 m²
OFFICE 10B	200 m²
	7,629 m²
LOT 11	
WAREHOUSE 11	15,114 m²
OFFICE 11	800 m²
	15,914 m²
LOT 12	
WAREHOUSE 12A	8,225 m²
OFFICE 12A	400 m²
WAREHOUSE 12B	8,225 m²
OFFICE 12B	400 m²
WAREHOUSE 12C	8,225 m²
OFFICE 12C	400 m²
WAREHOUSE 12D	4,742 m²
OFFICE 12D	200 m²
OFFICE 12E	200 m²
WAREHOUSE 12E	3,510 m²
OFFICE12F	200 m²
WAREHOUSE 12F	2,620 m²
OFFICE 12G	200 m²
WAREHOUSE 12G	1,805 m²
	39,352 m²
GRAND TOTAL	215,235 m²

ALL AREAS ARE APPROXIMATE AND SUBJECT TO CHANGE

No.	DATE:	REVISION:	BY:	CHK:
P3	19.09.2022	PRELIMINARY ISSUE FOR INFORMATION	JB	MH
P4	29.09.2022	PRELIMINARY ISSUE FOR INFORMATION	JB	MH
P5	17.10.2022	PRELIMINARY ISSUE FOR INFORMATION	JB	MH
P6	24.10.2022	PRELIMINARY ISSUE FOR INFORMATION	JB	MH
P7	18.04.2023	UPDATED LAYOUT & AREA TABLE	DS	MH

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PROJECT:
WEST WILTON NSW

TITLE:
MASTERPLAN

CLIENT:
ALTIS PROPERTY PARTNERS

DATE: JUNE, 2022
DRAWN BY: JB
SCALE: As indicated @ A1
SCALE:

JOB NO: 22124
DRAWING NO: SK06
REVISION: P7

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