



# Leigh Design

waste management plans for all urban developments

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## Waste Management Plan



**Proposed Development:**  
**292-300 City Road, Southbank, Victoria**

**Prepared for:**  
**IMG Australia Investments Pty Ltd**

Document Control

Report Date: 27 February 2024 (supersedes all prior reports)

Prepared By: Carlos Leigh, MIEAust

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**ADVERTISED  
PLAN**

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Enclosures: Ground Floor, typical upper levels, and truck swept paths.	

**WASTE MANAGEMENT SUMMARY**

- The Operator, as defined below, shall be responsible for managing the waste system and for developing and implementing safe operating procedures.
- Waste shall be stored within the development (hidden from external view).
- Users shall deposit sorted waste into the chutes and/or into designated collection bins.
- Waste shall be collected within the subject land. The collector shall transfer bins between the Bin Stores and the truck.
- Council shall collect residential waste.
- A private contractor shall collect commercial waste.

**GLOSSARY**

**Operator:** refers to the Owners Corporation, who shall manage site operations (via cleaners, staff and contractors, if required).

**User:** refers to residents and commercial tenants, who shall utilise the waste system.

## **1 SPACE AND SYSTEM FOR WASTE MANAGEMENT**

### **1.1 Development Description and Use**

This 32-storey development shall consist of residential apartments and commercial tenancies (refer to Table 1).

### **1.2 Estimated Waste Generation**

The following table summarises the waste estimate (m<sup>3</sup>/week):

Table 1: Waste Estimate

<b>Waste Source</b>	<b>Base Qty (est.)</b>	<b>Garbage</b>	<b>Food</b>	<b>Recyc.</b>	<b>Glass</b>
Apartments (studio)	No. of units = 42	2.52	0.84	2.35	1.01
Apartments (1 bed)	No. of units = 115	6.90	2.30	6.44	2.76
Apartments (2 bed)	No. of units = 64	4.80	1.60	4.48	1.92
Apartments (3 bed)	No. of units = 44	3.96	1.32	3.70	1.58
<b>Sub-Total Apartments</b>		<b>18.18</b>	<b>6.06</b>	<b>16.97</b>	<b>7.27</b>
L00 F&B (cafe)	area (m <sup>2</sup> ) = 160	2.69	0.67	1.57	0.67
L00m F&B (cafe)	area (m <sup>2</sup> ) = 211	3.54	0.89	2.07	0.89
L1 Office	area (m <sup>2</sup> ) = 772	0.35	0.04	0.35	0.04
<b>Sub-Total Commercial</b>		<b>6.58</b>	<b>1.60</b>	<b>3.98</b>	<b>1.60</b>
<b>TOTAL (m<sup>3</sup>/wk)</b>		<b>24.76</b>	<b>7.66</b>	<b>20.95</b>	<b>8.87</b>

Note: Waste figures are based on Council guidelines (however, discretionary commercial food/glass rates have been adopted). Residential amenity areas are included in the above apartment figures (this includes common areas throughout Level 2).

### **1.3 Collection Services**

Residential Waste: Council shall provide waste services for the residential component of the development using rear-lift bins. Based on discussions with Council, a dispensation for hook-lift compactors has been granted.

Commercial Waste: Municipal services would be insufficient as these are limited to a pair of weekly wheelie bins per tenement. Therefore, a private contractor shall be engaged to collect waste. The Operator shall choose a waste collection provider, negotiate a service agreement, and pay for these services.

Note: Every rateable tenement is liable to pay for municipal charges irrespective of the level of collection services provided by Council.

#### **1.4 Location, Equipment, and System Used for Managing Waste**

The waste management system is summarised as follows:

- Apartment receptacles for garbage, recycling, glass, and organics (with option for the latter as a benchtop caddy).
- Tenancy receptacles at internal areas.
- One Garbage Chute and one Recycling Chute, each with residential level intakes and Chute Room discharge.
- Residential Bin Store and Commercial Bin Store located at Ground Level.
- Collection bins (kept within the Bin Stores - refer to Table 2).

The various collection waste-streams are summarised as follows:

Garbage: General waste shall be placed in tied plastic bags and stored within bins.

Recycling: All recyclables shall be commingled into a single type of collection bin (for paper, cardboard, glass, aluminium, steel, and plastics). However, if glass separation is required in future, the Operator shall provide dedicated glass bins.

Green Waste: Based on negligible landscaping, minimal garden waste generation is anticipated (however, the Operator shall engage a contractor, if required). Also, Council offers limited collections.

Food Organics: Users shall place organic waste into Organics bins (a small caddy shall be employed at each tenement). Council-approved compostable liners shall be adopted for bins and caddies.

Other Waste Streams: Hard/electronic/liquid and other wastes (polystyrene, batteries, paint, chemicals and detox items, etc) shall be kept within the Bin Stores. The Operator shall organise the collection (Council shall collect a limited volume of residential hard waste). In particular e-waste must not be disposed in landfill.

Also, the Operator shall organise a charity bin. Charities may also collect unwanted items that are in good condition.

F&B tenants shall arrange the storage of used cooking oil and its collection by a recycler. The Operator shall organise Grease Interceptor Trap servicing.

Office managers shall arrange for the appropriate disposal of secured paper and toner/printer cartridges.

The following table summarises bin quantity/capacity, collection frequency, and area requirements (based on Table 1):

**Table 2a: Bin Schedule and Collection Frequency – Current Commingled Glass**

Waste Source	Waste Stream	Bin Qty	Bin Litres	Collections per Week	Net Area m <sup>2</sup>
Apartments (shared Council bins)	Garbage	6	1,100	3	9.6
	Spare Garb.	1	1,100	-	1.6
	Food Organics	9	240	3	4.5
	Recycling	8	1,100	3	12.8
	Spare Recyc.	1	1,100	-	1.6
	Charity Bin	1	660	At Call	1.2
	E-Waste	1	660	2/Month	1.2
	Hard Waste	-	-	2/Month	4.0
Commercial (shared private bins)	Garbage	2	1,100	3	3.2
	Food Organics	3	240	3	1.5
	Recycling	2	1,100	3	3.2
	Hard/E-Waste/Other	-	-	At Call	1.5
<b>Net Waste Storage Area (excludes circulation), m<sup>2</sup>:</b>					<b>45.9</b>

**Table 2b: Bin Schedule and Collection Frequency – Future Separate Glass**

Waste Source	Waste Stream	Bin Qty	Bin Litres	Collections per Week	Net Area m <sup>2</sup>
Apartments (shared Council bins)	Garbage	6	1,100	3	9.6
	Spare Garb.	1	1,100	-	1.6
	Food Organics	9	240	3	4.5
	Recycling	6	1,100	3	9.6
	Spare Recyc.	1	1,100	-	1.6
	Future Glass	4	660	3	4.8
	Charity Bin	1	660	At Call	1.2
	E-Waste	1	660	2/Month	1.2
	Hard Waste	-	-	2/Month	4.0
Commercial (shared private bins)	Garbage	2	1,100	3	3.2
	Food Organics	3	240	3	1.5
	Recycling	2	1,100	2	3.2
	Future Glass	1	660	3	1.2
	Hard/E-Waste/Other	-	-	At Call	1.5
<b>Net Waste Storage Area (excludes circulation), m<sup>2</sup>:</b>					<b>48.7</b>

Notes:

- The above “spare” bins are illustrated beneath the chutes.

- Council shall provide residential garbage, food, recycling, glass, and e-waste bins (spare bins shall be provided by the Operator).
- Charity and all commercial bins shall be sourced by the Operator.
- Council shall collect a max. 4m<sup>3</sup> volume of residential hard waste twice per month.

### 1.5 Planning Drawings, Waste Areas, and Management of the Waste System

The enclosed drawings illustrate sufficient space for onsite bin storage, as required by the above schedule (Table T2b).

Notwithstanding the above, collection days shall be staged appropriately and the Operator shall stipulate procedures for effective management of the available space.

### 1.6 Collection Bin Information

The following bins shall be utilised (see Sect. 4.4 for signage requirements):

Table 3: Bin Details

Capacity (litres)	Height (mm)	Width (across front, mm)	Depth (side on, mm)	Empty Weight (kg)	Average* Gross Weight (kg)
240	1060	585	730	13	45
660	1250	1240	780	43	130
1100	1330	1240	1070	65	210

Notes:

- \* = Average Gross Weight is based on domestic waste studies (which vary subject to locality and waste-type). Expect greater weight for wet or compacted waste.
- Use the above details as a guide only – variations will occur. The above is based on Sulo plastic (HDPE) flat-lid bins. Also, steel 660/1100L bins could be adopted, STCA.
- Also, bins that receive waste under the chute shall be reinforced to withstand loads from waste falling at high speed.

Table 4: Melbourne Colour Coding

Bin	Garbage	Recycling	Glass	Food
Lid	Red	Yellow	Purple	Lime
Body	Black	Black	Black	Black

## **2 ACCESS FOR USERS, COLLECTORS, AND COLLECTION VEHICLES**

### **2.1 User Access to Waste Facilities**

Residents shall dispose sorted garbage and recyclables via dedicated chutes (available at each apartment level), in accordance with instructions from the chute supplier. For wastes unsuitable for chute disposal, residents shall transfer sorted waste directly to the Residential Bin Store (access via lifts/stairs).

Commercial tenants shall dispose sorted waste into collection bins located within their Bin Store (access via lifts/stairs, and using a suitable trolley if required). Similarly, the Operator shall maintain waste receptacles from amenity areas.

#### **Notes:**

- For user safety at the Loading Bay, the Operator shall develop and provide safety instructions.
- The Operator shall have access to the Bin Stores to rotate the bins, ensuring that empty bins are available along the circulation area so that users are able to reach the bins. Also, the Operator shall monitor the filling of the bins under the chutes and change these when full.

### **2.2 Collection Arrangements and Access to Waste Facilities**

- Waste shall be collected at the onsite Loading Bay.
- Collection staff (driver and assistant) shall transfer the bins between the Bin Stores and the truck.
- The waste collection shall be carried-out by rear-lift vehicles (nom. 8.8m long, 4m operational height, and 24 tonnes gross vehicle mass).
- The enclosed plans illustrate the waste system (Table T2b) and waste transfer paths. Also, the enclosed Swept Paths illustrate truck access.
- The Operator shall coordinate hard waste collections with collectors (as well as charity and other minor waste streams), placing these wastes at the Loading Bay in coordination with each collection.
- Private collections shall be conducted at different times to Council collections.

### **3 AMENITY, LOCAL ENVIRONMENT, AND FACILITY DESIGN**

#### **3.1 Noise Minimisation Initiatives**

- Collection bins shall feature rubber wheels for quiet rolling during transfers.
- Chutes, waste areas, and collections shall meet relevant acoustic requirements.
- Local laws shall be observed for all operations in public and private areas.
- Waste collection times shall be as per Council's local laws. Also, the collector shall protect the acoustic amenity by minimising noise during the collection.

#### **3.2 Litter Reduction and Prevention of Stormwater Pollution**

The Operator shall be responsible for:

- Promoting adequate waste disposal into the bins (to avoid waste-dumping).
- Securing the waste areas (whilst affording access to users/staff/contractors).
- Preventing overfilled bins, keeping lids closed and bungs leak-free.
- Abating any site litter and taking action to prevent dumping and/or unauthorised use of waste areas.
- Requiring the collection contractor to clean-up any spillage that might occur when clearing bins.

The above will minimise the dispersion of site litter and prevent stormwater pollution (thus avoiding impact to the local amenity and environment).

#### **3.3 Ventilation, Washing, and Vermin-Prevention Arrangements**

Waste areas shall feature:

- Ventilation in accordance with Australian Standard AS1668. For chute ventilation, a fan with riser to a rooftop exhaust shall be utilised.
- Adequate vermin-proofing and tight-fitting doors.
- Impervious flooring (also, smooth, slip-resistant, and appropriately drained). Also, impervious walls shall be provided near the chute discharge.
- A graded bin wash area, hosecock, hose, and a suitable floor-waste connected in accordance with relevant authority requirements (alternatively, the Operator shall engage a suitable contractor to wash bins in a mobile bin-wash vehicle). The bin and wash areas may overlap, as stored bins can be moved so that a bin can be washed.
- A water-flushing nozzle with accessible water cock shall be provided at the head of each chute. Include a floor waste and hosecock near each chute outlet.

The Operator shall regularly clean waste areas/equipment. Also, access doors and bin-lids shall be kept closed.

#### **3.4 Design and Aesthetics of Waste Storage Areas and Equipment**

Waste shall be placed within collection bins and stored in designated onsite areas (hidden from external view). Following waste collection activities, bins shall be returned to the storage areas as soon as practicable.



Waste facilities shall be constructed of durable materials and finishes, and maintained to ensure that the aesthetics of the development are not compromised. These facilities and associated passages shall be suitably illuminated (this provides comfort, safety, and security to users, staff, and contractors). Access doors shall feature keyless opening from within.

The design and construction of waste facilities and equipment shall conform to the Building Code of Australia, Australian Standards, and local laws.

Chutes, associated shafts, and discharge areas shall be sized and designed as recommended by a reputable chute manufacturer (chutes and associated equipment are proprietary items). The chute supplier shall fix safe-operating instructions to each intake-door and place a warning sign on each chute outlet.

For improved safety, each chute outlet shall be shrouded with a suitable rubber skirt and designed to minimise the effect of falling waste into the associated bin (and to stop dispersion of debris). Also, access to each chute outlet shall be restricted to trained personnel only (the chute discharge zone shall be kept locked). The Operator shall train staff and waste collectors concerning hazards associated with the chute discharge area.

## **4 MANAGEMENT AND SUSTAINABILITY**

### **4.1 Waste Sorting, Transfer, and Collection Responsibilities**

Garbage shall be placed within tied plastic bags prior to transferring into the collection bins or chute. Cardboard shall be flattened and recycling containers uncapped, drained, and rinsed prior to disposal into the appropriate bin/chute. Bagged recycling is not permitted.

Refer to Section 1.4 for all other waste streams and details of the waste system. Also, Section 2 outlines waste transfer requirements and collection arrangements.

### **4.2 Facility Management Provisions to Maintain & Improve the Waste System**

The Operator shall be responsible for managing the waste system and for developing and implementing safe operating procedures (refer to the glossary in page 2).

It shall be the responsibility of the Operator to maintain all waste areas and components, to the satisfaction of users, staff, and the relevant authority (users shall maintain their internal waste receptacles).

The Operator shall ensure that maintenance and upgrades are carried-out on the facility and components of the waste system. When required, the Operator shall engage an appropriate contractor to conduct services, replacements, or upgrades.

### **4.3 Arrangements for Protecting Waste Equipment from Theft and Vandalism**

It shall be the responsibility of the Operator to protect the equipment from theft and vandalism. This shall include the following initiatives:

- Secure the waste areas.
- Label the bins according to property address.
- Waste bins shall be collected within the onsite Loading Bay (bins shall not be placed for collection on public areas).

### **4.4 Arrangements for Bins/Equipment Labelling and Ensuring Users and Staff are Aware of How to Use the Waste System Correctly**

- The Operator shall provide appropriate signage for the bins. Signage is available at the following internet address: [www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au).
- The Operator shall publish/distribute “house rules” and educational material to:
  - Inform users/staff about the waste management system and the use/location of the associated equipment (provide the summary in page 2 of this report).
  - Improve facility management results (lessen equipment damage and chute blockages, reduce littering, and achieve cleanliness).
  - Advise users/staff to sort and recycle waste with care to reduce contamination of recyclables.
- For user safety when disposing waste, the Operator shall develop and provide safety instructions.

#### **4.5 Sustainability and Waste Avoidance/Reuse/Reduction Initiatives**

The *Environment Protection Amendment Act 2018* (and the principal EPA Act of 2017) includes fundamentals of environment protection and guidance for waste management decision making. Also, the *Sustainability Victoria Act 2005* established Sustainability Victoria as the statutory authority for delivering programs on integrated waste management and resource efficiency.

From a design perspective, the development shall support the acts by providing an adequate waste system with ability to sort waste.

The Operator shall promote the observance of the acts (where relevant and practicable) and encourage users and staff to participate in minimising the impact of waste on the environment. For improved sustainability, the Operator shall consider the following:

- Observe the *Environment Protection Amendment Act 2018* principle of waste management hierarchy, which states that waste should be managed in accordance with the following order of preference, so far as reasonably practicable: a) avoidance, b) reuse, c) recycling, d) recovery of energy, e) containment, and f) waste disposal.
- Peruse the Sustainability Victoria website: [www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au).
- Participate in Council and in-house programs for waste minimisation.
- Establish waste reduction and recycling targets; including periodic waste audits, keeping records, and monitoring of the quantity of recyclables found in landfill-bound bins (sharing results with users/staff).

#### **4.6 Waste Management Plan Revisions**

For any future appropriate Council request, changes in legal requirements, changes in the development's needs and/or waste patterns (waste composition, volume, or distribution), or to address unforeseen operational issues, the Operator shall be responsible for coordinating the necessary Waste Management Plan revisions, including (if required):

- A waste audit and new waste strategy.
- Revision of the waste system (bin size/quantity/streams/collection frequency).
- Re-education of users/staff.
- Revision of the services provided by the waste collector(s).
- Any necessary statutory approval(s).

## **5 SUPPLEMENTARY INFORMATION**

- The Operator shall observe local laws and ensure that bins aren't overfilled or overloaded.
- Waste incineration devices are not permitted, and offsite waste treatment and disposal shall be carried-out in accordance with regulatory requirements.
- For bin traffic areas, either level surfaces (smooth and without steps) or gentle ramps are recommended, including a roll-over kerb or ramp. Should ramp gradients, bin weight, and/or distance affect the ease/safety of bin transfers, the Operator shall consider the use of a suitable tug.
- The Operator and waste collector shall observe all relevant OH&S legislation, regulations, and guidelines. The relevant entity shall define their tasks and:
  - Comply with Worksafe Victoria's Occupational Health and Safety Guidelines for the Collection, Transport and Unloading of Non-hazardous Waste and Recyclable Materials (June 2003).
  - Assess the Manual Handling Risk and prepare a Manual Handling Control Plan for waste and bin transfers (as per regulatory requirements and Victorian COP for Manual Handling).
  - Obtain and provide to staff/contractors equipment manuals, training, health and safety procedures, risk assessments, and adequate personal protective equipment (PPE) to control/minimise risks/hazards associated with all waste management activities. As a starting point, these documents and procedures shall address the following:

<b>Task (to be confirmed)</b>	<b>Hazard (TBC)</b>	<b>Control Measures (TBC)</b>
Sorting waste and cleaning the waste system	Bodily puncture. Biological & electrical hazards	Personal protective equipment (PPE). Develop a waste-sorting procedure
Waste/bin manual handling	Sprain, strain, crush	PPE, staff training. Maintain bin wheel-hubs. Limit bin weight. Provide mechanical assistance to transfer bins
Chute discharge	Strike & debris from falling waste	PPE, staff training, and signage, maintain access restrictions. Include a suitable curtain/skirt and a locked mesh fence around the discharge zone of the chute
Bin transfers and emptying into truck	Vehicular strike, run-over	PPE. Develop a Hazard Control Plan for transfers and collections. Maintain visibility. Use a mechanical bin-tipper
Truck access (reversing & manoeuvring)	Vehicular incident, strike, run-over	PPE. Use a trained spotter. Develop a truck-manoevring and traffic-control procedure

Note: The above shall be confirmed by a qualified OH&S professional who shall also prepare site-specific assessments, procedures, and controls (refer to Section 6).

## **6 CONTACT INFORMATION**

**City of Melbourne** (local Council), ph 03 9658 9658

**City Wide Waste** (private waste collector), ph 03 9261 5000

**CSC Waste & Recycling** (private waste collector) ph 1300 499 927

**Shred-X** (office paper recycler), ph 1300 747 339

**PuraAir** (odour control equipment supplier), ph 1300 972 736

**FJP Safety Advisors** (OH&S consultant), ph 03 9255 3660

**Electrodrive** (tug & trailer supplier – for bin transfers), ph 1300 934 471

**Sabco Commercial** (supplier of cleaner's trolleys), ph 1800 066 522

**Sulo MGB Australia** (bin supplier), ph 1300 364 388

**Wastedrive Equipment** (steel bin supplier), ph 02 9630 9333

**Wastech Engineering** (chute supplier), ph 1800 465 465

**ASI JD MacDonald** (chute supplier), ph 03 8558 7200

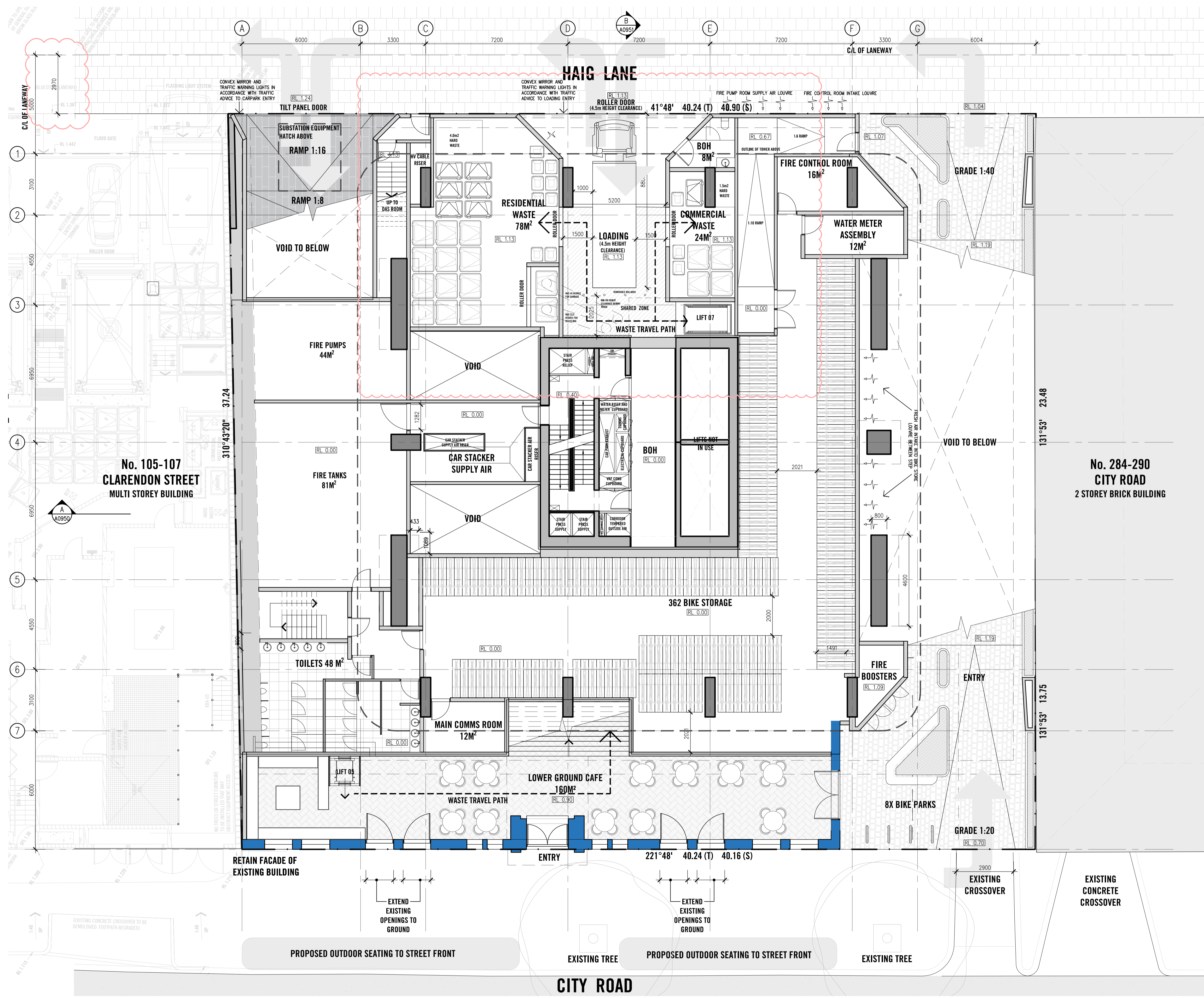
Note: The above includes a complimentary listing of contractors and equipment suppliers. The stakeholders shall not be obligated to procure goods/services from these companies. Leigh Design does not warrant (or make representations for) the goods/services provided by these suppliers.

## **7 LIMITATIONS**

The purpose of this report is to document a Waste Management Plan, as part of a Planning Permit Application.

This report is based on the following conditions:

- Operational use of the development (excludes demolition/construction stages).
- Drawings and information supplied by the project architect.
- The figures presented in this report are estimates only. The actual amount of waste will depend on the development's occupancy rate and waste generation intensity, the user's disposition toward waste and recycling, and the Operator's approach to waste management. The Operator shall make adjustments, as required, based on actual waste volumes (if the actual waste volume is greater than estimated, then the number of bins and/or the number of collections per week shall be increased, STCA).
- This report shall not be used to determine/forecast operational costs, or to prepare feasibility studies, or to document operational/safety procedures.



Rev No.	Date	Reason for issue	Issued by	Rev No.	Date	Reason for issue	Issued by
A	21.11.23	ISSUED FOR TP AMENDMENT	DH				
B	23.01.24	ISSUED FOR TP RFI	DH				
C	26.02.24	ISSUED FOR TP RFI	DH				

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**300 CITY ROAD  
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Drawing Title  
**LOWER GROUND FLOOR PLAN**

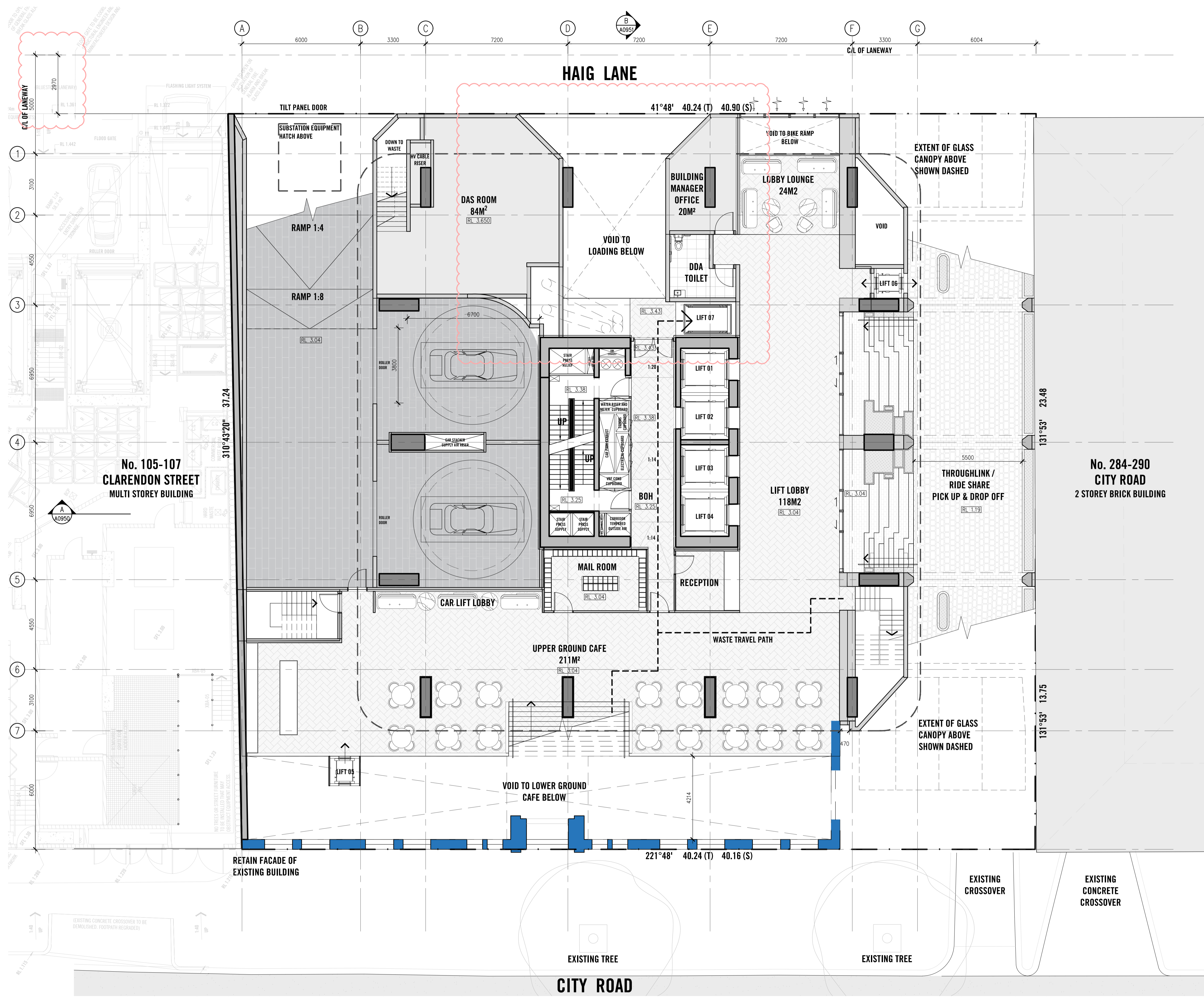
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Rev No.	Date	Reason for issue	Issued by	Rev No.	Date	Reason for issue	Issued by
A	16.10.19	ISSUED FOR INFORMATION AND COORDINATION	MM				
B	06.11.19	ISSUED FOR INFORMATION AND COORDINATION	MM				
C	21.11.19	ISSUED FOR TOWN PLANNING RFI	MM				
D	03.04.20	ISSUED FOR TOWN PLANNING RFI	AM				
E	29.05.20	ISSUED FOR TOWN PLANNING RFI	MM				
F	08.12.20	ISSUED FOR TOWN PLANNING RFI	MM				
G	06.05.21	ISSUED FOR TOWN PLANNING RFI	MM				
H	30.06.21	ISSUED FOR TOWN PLANNING RFI	MM				
I	03.05.22	ISSUED FOR TP ENDORSEMENT - INFO & COORDINATION	MM				
J	05.08.22	ISSUED FOR TP ENDORSEMENT RFI	MM				
K	02.12.22	ISSUED FOR TP AMENDMENT	MM				
L	20.07.23	ISSUED FOR TP AMENDMENT	DH				
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Drawing Title  
**GROUND FLOOR PLAN**

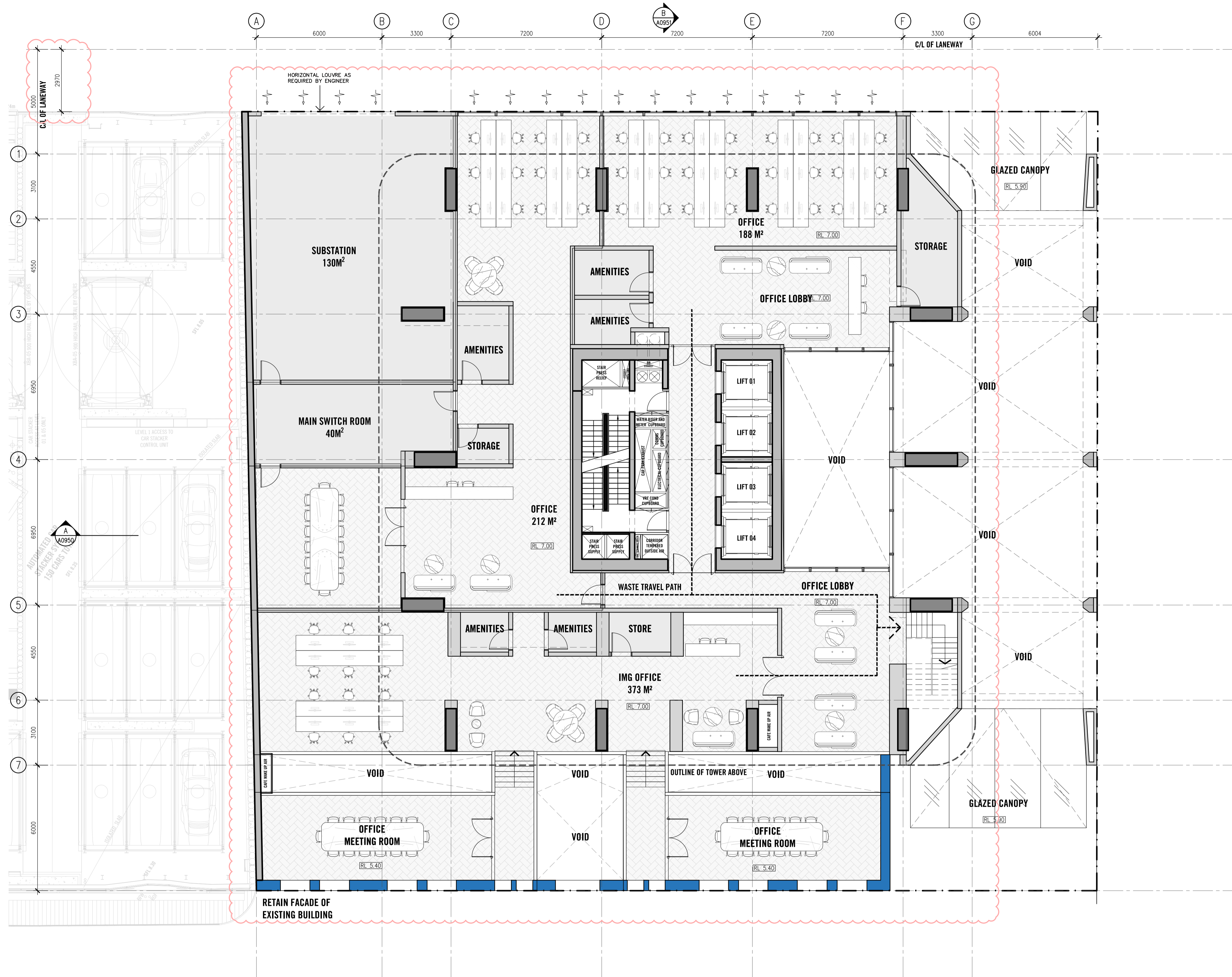
Project Number  
**17155**

Drawing Number  
**A0100\_UG**

Revision  
**P**

Drawing Status  
**TP**

Feb 26, 2024 - 4:29pm



Rev No.	Date	Reason for issue	Issued by
A	16.10.19	ISSUED FOR INFORMATION AND COORDINATION	MN
B	06.11.19	ISSUED FOR INFORMATION AND COORDINATION	MN
C	21.11.19	ISSUED FOR TOWN PLANNING	AM
D	03.04.20	ISSUED FOR TOWN PLANNING RFI	AM
E	29.05.20	ISSUED FOR TOWN PLANNING RFI	MN
F	11.12.20	ISSUED FOR TOWN PLANNING RFI	MS
G	06.05.21	ISSUED FOR TOWN PLANNING RFI	RM
H	05.05.22	ISSUED FOR TP ENDORSEMENT - INFO & COORDINATION	RM
I	03.08.22	ISSUED FOR TP ENDORSEMENT RFI	RM
J	02.09.22	ISSUED FOR TP AMENDMENT	DH
K	21.11.23	ISSUED FOR TP AMENDMENT	DH
L	23.01.24	ISSUED FOR TP RFI	DH

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 ABN 97 556 188 726

Project Title  
**300 CITY ROAD  
 SOUTHBANK**  
 Client  
**IMG**

Drawing Title  
**LEVEL 01  
 OFFICE AND SERVICES**

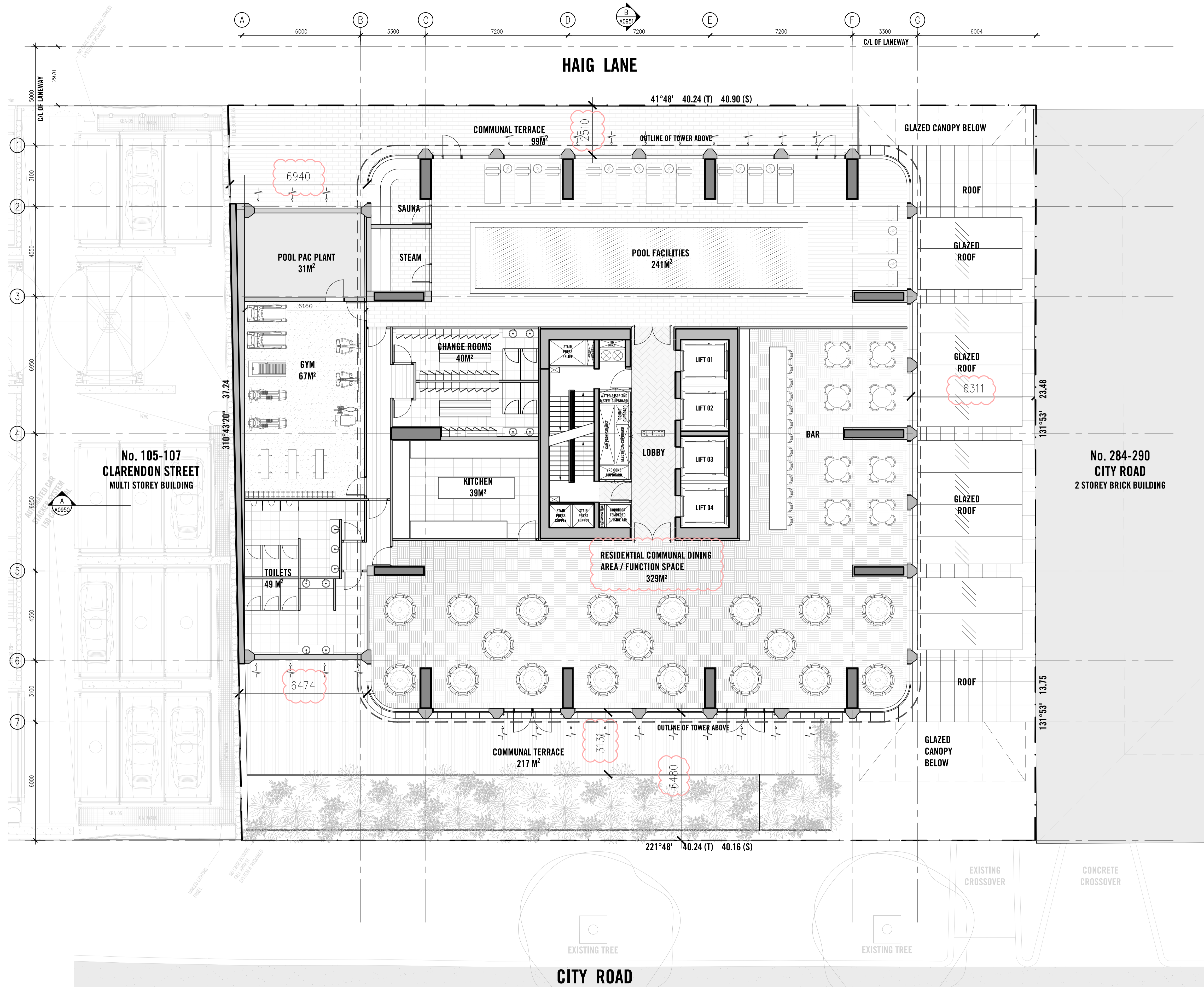
Drawing Number  
**17155**

Revision  
**A0101**

Drawing Status  
**TP**

Revision  
**L**





Rev No.	Date	Reason for issue	Issued by
A	16.10.19	ISSUED FOR INFORMATION AND COORDINATION	RM
B	08.11.19	ISSUED FOR INFORMATION AND COORDINATION	RM
C	21.11.19	ISSUED FOR TOWN PLANNING	AM
D	03.04.20	ISSUED FOR TOWN PLANNING RFI	AM
E	29.05.20	ISSUED FOR TOWN PLANNING RFI	AM
F	11.12.20	ISSUED FOR TOWN PLANNING RFI	AM
G	06.05.21	ISSUED FOR TOWN PLANNING RFI	RM
H	05.05.22	ISSUED FOR TP ENDORSEMENT - INFO & COORDINATION	RM
I	03.08.22	ISSUED FOR TP ENDORSEMENT RFI	DH
J	02.12.22	ISSUED FOR TP AMENDMENT	DH
K	21.11.23	ISSUED FOR TP AMENDMENT	DH
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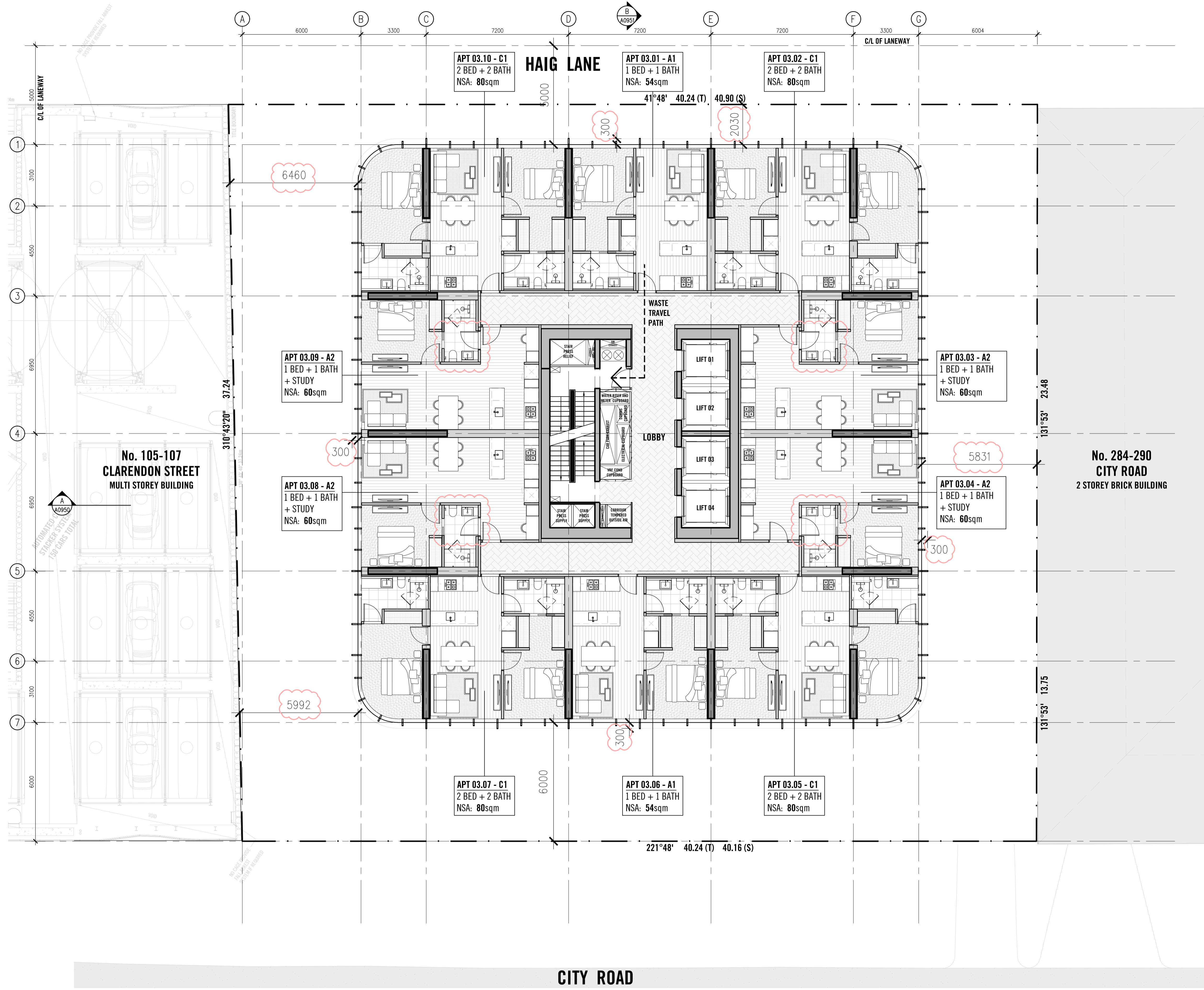
Project Title  
**300 CITY ROAD SOUTHBANK**  
 Client  
**IMG**

Drawing Title  
**LEVEL 02 COMMON AREA**

Drawing Number  
**17155**

Revision  
**A0102**

Drawing Status  
**TP**



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A	16.10.19	ISSUED FOR INFORMATION AND COORDINATION	MM
B	06.11.19	ISSUED FOR INFORMATION AND COORDINATION	MM
C	21.11.19	ISSUED FOR TOWN PLANNING	MM
D	03.04.20	ISSUED FOR TOWN PLANNING RFI	AM
E	29.05.20	ISSUED FOR TOWN PLANNING RFI	MM
F	11.12.20	ISSUED FOR TOWN PLANNING RFI	MS
G	06.05.21	ISSUED FOR TOWN PLANNING RFI	MM
H	05.05.22	ISSUED FOR TP ENDORSEMENT - INFO & COORDINATION	MM
I	02.12.22	ISSUED FOR TP AMENDMENT	DH
J	21.11.23	ISSUED FOR TP AMENDMENT	DH
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ABN 97 556 188 726

Project Title  
**300 CITY ROAD SOUTHBANK**

Client  
**IMG**

Drawing Title  
**LEVEL 03 - 07 TYPICAL FLOOR PLAN**

Project Number  
**17155**

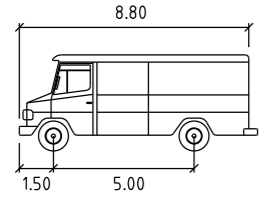
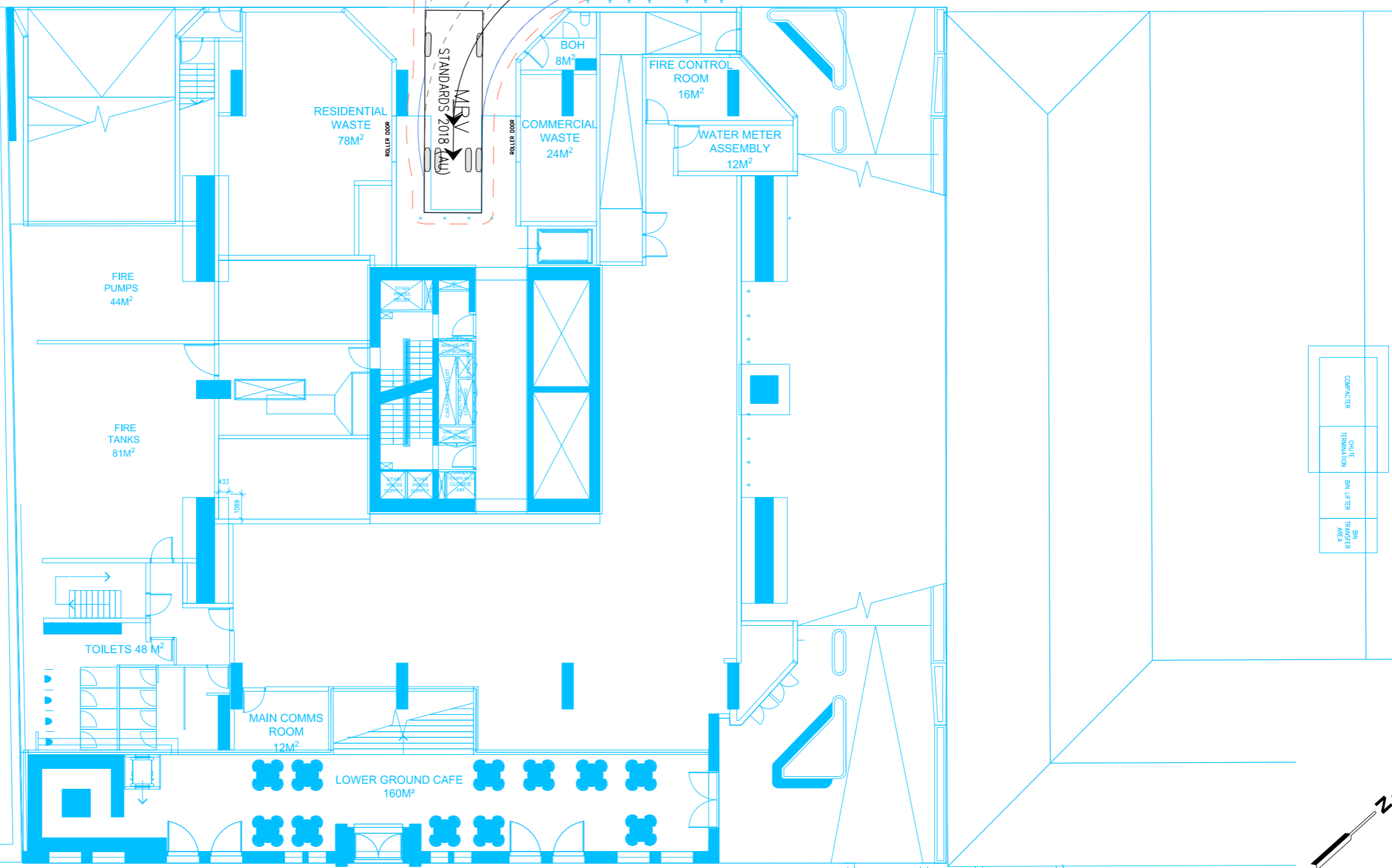
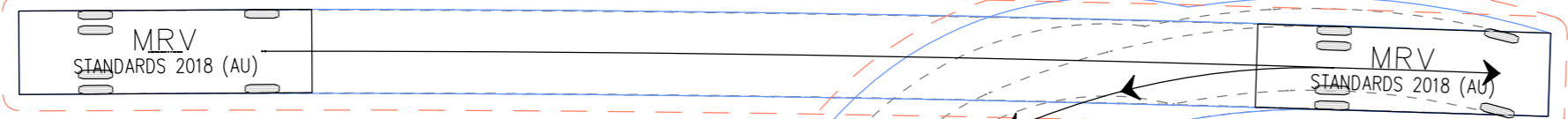
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Drawing Status  
**TP**

Reason  
**L**

HAIG

LANE

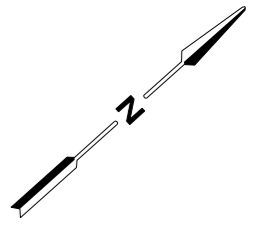
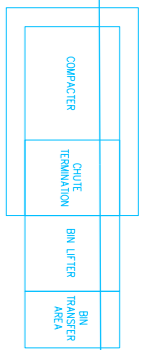


MRV AS2890.2 metres  
 Width : 2.50  
 Track : 2.50  
 Lock to Lock Time : 6.0  
 Steering Angle : 34.0

**SWEPT PATH KEY**

- VEHICLE CENTRE LINE
- - VEHICLE TYRE PATH
- VEHICLE BODY PATH
- - 500mm CLEARANCE FROM VEHICLE BODY

ASSUMED SPEED 5km/h



PLOTTED BY : skumar ON 23/02/2024 AT 2:38:07 PM



**PRELIMINARY PLAN**  
 FOR DISCUSSION PURPOSES  
 ONLY SUBJECT TO CHANGE  
 WITHOUT NOTIFICATION

**WARNING**  
 BEWARE OF UNDERGROUND SERVICES  
 THE LOCATIONS OF UNDERGROUND SERVICES ARE  
 APPROXIMATE ONLY AND THEIR EXACT POSITION  
 SHOULD BE PROVEN ON SITE. NO GUARANTEE IS  
 GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

DESIGNED  
S. KUMAR  
  
 APPROVED BY  
D. GRAHAM

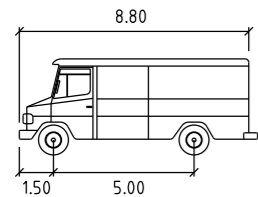
DESIGN CHECK  
D. GRAHAM  
  
 DATE ISSUED  
23 FEBRUARY 2024

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A3 1:200  
  
 CAD FILE NO.  
300304220\_at01\_p2.dgn

PROPOSED DEVELOPMENT  
 300 CITY ROAD  
 SOUTHBANK  
 SWEPT PATH ASSESSMENT  
 DRAWING NO. 300304220-AT01-01 SHEET 01 OF 02 ISSUE P2

HAIG

LANE



MRV AS2890.2 metres  
 Width : 2.50  
 Track : 2.50  
 Lock to Lock Time : 6.0  
 Steering Angle : 34.0

**SWEPT PATH KEY**

- VEHICLE CENTRE LINE
- - VEHICLE TYRE PATH
- VEHICLE BODY PATH
- - 500mm CLEARANCE FROM VEHICLE BODY

ASSUMED SPEED 5km/h

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PLOTTED BY : skumar



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DESIGNED  
S. KUMAR

APPROVED BY  
D. GRAHAM

DESIGN CHECK  
D. GRAHAM

DATE ISSUED  
23 FEBRUARY 2024

SCALE  
A3 0 2 4 1:200

CAD FILE NO.  
300304220\_at01\_p2.dgn

PROPOSED DEVELOPMENT  
 300 CITY ROAD  
 SOUTHBANK  
 SWEPT PATH ASSESSMENT  
 DRAWING NO. 300304220-AT01-02 SHEET 02 OF 02 ISSUE P2