The Trustee for Huntingwood Property Trust

# Waste Management Plan

Huntingwood East
Augusta street, Blacktown, NSW

24 August 2023

62742/154218 (Rev 3)

JBS&G Australia Pty Ltd

www.jbsg.com.au

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# 1. Introduction

JBS&G Australia Pty Ltd (JBS&G) has been commissioned by The Trustee for Huntingwood Property Trust to prepare this report in accordance with the technical requirements of the Secretary's Environmental Assessment Requirements (SEARs), and in support of the State Significant Development Application (SSD-36138263) for the proposed Augusta Street warehouse and distribution centre at Augusta Street, Blacktown.

Construction and operation of a warehouse and distribution centre development of approximately 134,565m$^2$ gross floor area, including four warehouse buildings, ancillary office space, office facilities, indicative warehouse fitout works inclusive of warehouse racking, on-site car parking, and associated works including excavation, landscaping, and signage.

## 1.1 Scope

This WMP has been developed to address the Secretary's Environmental Assessment Requirements (SEARs) issued by the NSW Department of Planning and Environment for warehouse and distribution centre applications. **Table 1.1** presents the SEARs required to be addressed to support the project.

**Table 1.1: Relevant SEARs**

| Key Issue | Requirement | Relevant Section of Report |
|---|---|---|
| 17. Waste Management | **17.1** Identify, quantity and classify the likely waste streams to be generated during construction and operation. | Waste streams associated with the construction phase of the project are presented in **Section 4**. |
| | **17.2** Provide the measures to be implemented to manage, reuse, recycle and safely dispose of this waste. | Hazardous material handling, transport and disposal requirements are detailed in **Section 4** and **Section 5.** |
| | **17.3** Identify appropriate servicing arrangements for the site. | Servicing arrangements are presented in **Section 4** and **Section 5**. |
| | **17.4** If buildings are proposed to be demolished or altered, provide a hazardous survey. | Provided as separate report (JBS&G 2022a[1]) |

In accordance with the SEARs listed above, the scope of this WMP is to address the likely waste streams generated during the works, provide indicative estimations of waste quantities, and propose management, reuse, recycling and disposal procedures during the demolition, excavation, construction and operational works of the redevelopment works within the subject site.

## 1.2 Objectives

The key objective of this WMP is to support the client in their project through identifying the types and quantities of potential waste streams and to establish management measures to prevent environmental harm, minimise waste and maximise resource preservation.

This WMP specifically aims to:

- Address the SEARs for waste;
- Promote waste minimisation through avoiding and reducing waste generation;
- Promote the recycling of building and demolition materials;
- Comply with legislation and adhere to waste minimisation guidance and standards;
- Apply the waste management hierarchy (**Section 3.3**) throughout construction; and
- Specify safe and appropriate management of potentially contaminated wastes.

[1] Pre-Demolition Hazardous Building Materials Survey, Huntingwood Augusta Street, Blacktown NSW, JBS&G Australia Pty Ltd, 1 June 2022 (JBS&G 2022a)

# 2. Project Description

As mentioned previously, Huntingwood East currently comprises a mix of residential and industrial land uses, with four abandoned residential properties, two warehouse style properties and a truck depot, with various structures across the lots in the western portion of the site. Proposed works includes the construction and operation of a warehouse and distribution centre development of approximately 134,565m$^2$ gross floor area, including four warehouse buildings, ancillary office space, office facilities, indicative warehouse fitout works inclusive of warehouse racking, on-site car parking, and associated works including excavation, landscaping, and signage.

## 2.1 Location and Site Layout

Information relating to the site are provided in **Table 2.1** below. The site location is illustrated in **Figure 1.**

**Table 2.1: Site Details**

| | |
|---|---|
| **Site address** | 'Huntingwood East' Augusta Street, Blacktown NSW |
| **Local Government** | Blacktown City Council |
| **Zoning** | IN1 – General Industrial Local Environmental Plan (LEP) 2012 |
| **Surrounding Land Use** | Residential / industrial - The site was bound by The Great Western Highway to the north, Prospect Highway to the east, The Western Motorway (M4) to the south, and Flushcombe road to the west. |
| **Estimated Construction Dates** | 1930s-1980s |

## 2.2 Site Description

The central and eastern portion of the site was found to be vacant and a Telstra exchange, with the site surface consisting of undulating land covered with primarily long grass. The western portion of the site comprised of several operational lots including mechanic, truck depot and storage yard, as well as four abandoned residential houses, various stockpiles, USTs, ASTs, asbestos fragments across the ground surface.

Access to the site is gained from Augusta Street and Flushcombe St. A small stream (Blacktown Creek) is present through the central portion of the site running north to south. Electrical transmissions lines are present across the southern portion of the site.

## 2.3 Project Scope of Works

The proposed SSDA seeks approval to redevelop the site to accommodate a warehouse and distribution centre use inclusive of the following:

- Site establishment works, including tree removal, minor excavation / bulk earthworks.
- Construction and operation of four (4) new warehouse buildings comprising a multi-level warehouse building on the eastern portion of the site and three single storey warehouse buildings on the western portion of the site. The warehouse buildings will include ancillary office space and indicative warehouse fit out works including warehouse racking.
- The warehouse and distribution tenancies are proposed to be operated 24 hours per day, 7 days per week.
- Other associated works including landscaping, at-grade car-parking and general site improvements.
- Business and building identification signage including wayfinding signage.

- Vehicle access provided via Augusta Street and new proposed access from the Great Western Highway.
- Lot consolidation of properties.

Details design drawings are included in **Appendix A**.

## 2.4 Existing Environment

### 2.4.1 Topography

Review of JBS&G (2022b) states that the topography of the site according to the Prospect Topographic and Orthophoto Map (sheet 9030-2N third edition) ranges from 68 m Australian Height Datum (AHD) to 90 m AHD. The land is undulating, with slopes of approximately 5 to 15 degrees running from the east towards Blacktown Creek in the central portion of the site. An undulating slope of 5 to 10 degrees also runs from the central portion of the site towards a small drainage channel on the western boundary of the site.

### 2.4.2 Buildings, Structures and Roads

Access to the site is gained from Augusta Street and Flushcombe St. The site is comprised largely (approximately 80% of the site's footprint) by dense vegetation. The central portion of the site contains a Telstra exchange. The western portion of the site comprises several operational lots including mechanic, truck depot and storage yard, as well as four abandoned residential houses, various stockpiles. Underground Petroleum Storage System (UPSS), comprising aboveground storage tanks (ASTs), bowsers, underground storage tank (USTs), 200L drum storage and IBCs stored in container were all observed within the western portion of the site.

### 2.4.3 Acid Sulfate Soils

DLWC (1998[2]), states that acid sulfate soils (ASS) are likely to be located in coastal lowlands up to approximately 10 m AHD. No risk map for the area encompassing the site was provided as part of the acid sulfate soil risk map series, DLWC (1998), typically indicating that such conditions have not been identified based on regional mapping of geology and soil. In addition, the Council planning certificates (JBS&G 2022b) identified that the site is not affected by acid sulfate soils.

### 2.4.4 Vegetation

The site is predominantly undulating land covered with primarily dense vegetation. Selected vegetation within the conservation areas are planned to be retained and maintained as part of the proposed works to the extent shown in the Design Drawings (**Appendix A**).

### 2.4.5 Presence of Chemical Storage, Hazardous and Fill Material

According to previous site surveys there is the potential for the site to contain hazardous chemical associated with lead-based paint and some asbestos containing material in the current warehouses. Furthermore, it is noted that fill material was predominantly identified in the western and eastern portions of the site, in the vicinity of the former buildings. If any soil or material require disposal off-site as part of the scope of works, it will be classified as per the NSW EPA Waste Classification Guidelines (EPA 2014[3]) as discussed in **Section 4.1** and appropriately disposed of in accordance with the requirements of its classification.

### 2.4.6 Presence of Hazardous Building Materials

Review of JBS&G (2022a) it is estimated that the building was constructed between 1930s and 1980s. A hazardous materials survey was undertaken in May 2022 including a detailed inspection to

[2] *Guidelines for the Use of Acid Sulfate Soil Risk Maps*. Acid Sulfate Soil Management Advisory Committee August 1998, ASSMAC 1998.
[3] Waste Classification Guidelines. Part 1: Classifying Waste. NSW Environment Protection Authority (EPA 2014)

identify hazardous building materials within the property. All hazardous building materials identified must be removed and disposed of accordingly.

# 3. Legislative Requirements and Guidelines

## 3.1 Legislation

This WMP has been prepared in accordance with the requirements of the *NSW Waste Avoidance and Resource Recovery Act 2001* (WARR Act), and the NSW *Protection of the Environment Operations Act 1997* (POEO Act). These and other key legislation relevant to waste management at the site are provided in **Table 3.1.** Blacktown Development Control Plan 2015 – Part G Waste Management and Minimisation[4] and Blacktown City Council's guidelines for waste management in new develops[5] have been considered in developing this WMP.

**Table 3.1: NSW Waste Legislation Summary**

| Legislation | Purpose |
|---|---|
| *Protection of the Environment Operations Act 1997*<br><br>Protection of the Environment Operations (Waste) Regulation 2014 (POEO Waste Regulation) | The POEO Act and associated regulations is key environment protection legislation administered by the NSW Environment Protection Authority (EPA). The object of the legislation is to achieve the protection, restoration and enhancement of the quality of the NSW environment.<br>The Act enables the Government to establish policy instruments for setting environmental standards, goals, protocols and guidelines. |
| *Waste Avoidance and Resource Recovery Act 2001* | The WARR Act promotes waste avoidance and resource recovery to achieve a continual reduction in waste generation, provides for development of a state-wide Waste Strategy, and introduces a scheme to promote extended producer responsibility for the life cycle of a product. Objectives of the Act include:<br>• To encourage the most efficient use of resources and to reduce environmental harm;<br>• To ensure that resource management options are considered against a hierarchy (see **Section 3.3**);<br>• Provide for the continual reduction in waste generation;<br>• To minimise the consumption of natural resources and the final disposal of waste;<br>• To ensure that industry shares with the community the responsibility for reducing and dealing with waste; and<br>• To assist in the achievement of the objectives of the *POEO Act.* |
| *Environmental Planning and Assessment Act 1979*<br><br>Environmental Planning and Assessment Regulation 2000 | The EP&A Act and Regulation provide the overarching structure for planning in NSW. They provide for a number of other statutory documents to support the planning structure, including State Environmental Planning Policies (SEPPs) and Local Environmental Plans (LEPs). The objectives include:<br>• the proper management, development and conservation of natural and artificial resources; and<br>• to encourage ecologically sustainable development. |
| *Environmentally Hazardous Chemicals Act 1985* | The EHC Act provides for control of the effect on the environment of chemicals and chemical wastes. The EPA is responsible for administering this legislation, in partnership with other state government agencies.<br>It is the primary legislation for specifically regulating environmentally hazardous chemicals throughout their life cycle. The Act sets out requirements for:<br>• Chemical Control Orders (CCOs) which are used to manage specified hazardous chemicals and chemical wastes;<br>• Technology assessments, which ensure that premises treating or destroying chemicals are safe and appropriate for their purpose; and<br>• Licensing of individuals or industries who manage chemicals that are subject to a CCO. |
| *Contaminated Land Management Act 1997* and Regulation 2013 | The CLM Act establishes a process for investigating and (where appropriate) remediating land that the EPA considers to be contaminated significantly enough to require regulation. |

[4] Part G – Waste Management and Minimisation, Blacktown Development Control Plan 2015
[5] Blacktown City Council's Guideline for Waste Management in Ne Developments, Blacktown City Council

## 3.2 Guidelines

Guidance documents and policies considered in the preparation of this WMP are included in **Table 3.2.**

**Table 3.2: NSW Guidance Summary**

| Guideline | Purpose |
|---|---|
| Waste Classification Guidelines (Part 1: Classifying Waste) (EPA 2014b) | The Waste Classification Guidelines have been established by the NSW EPA to assist waste generators to classify wastes. Wastes are classified into groups that pose similar risks to environment and human health. Waste classifications are discussed further in **Section 4.1** and **Section 5.1**. |
| Building Code of Australia (BCA) | The BCA contains technical provisions for the design and construction of buildings and other structures, covering such matters as structure, fire resistance, access and egress, services and equipment, and energy efficiency as well as certain aspects of health and amenity. |
| NSW Government Waste and Sustainable Materials Strategy 2041 Stage 1: 2021-2027 | The strategy provides a framework for waste reduction and landfill diversion until 2027. Key targets include:<br>• Reduce total waste generated per person;<br>• Introduction of overall litter and plastic litter reduction targets;<br>• Increase recovery rate from all waste streams;<br>• Increase the use of recycled content by governments and industry;<br>• Phase out problematic and unnecessary plastics; and<br>• Reduce the amount of organic waste sent to landfill. |
| NSW EPA Better Practice Guidelines for Waste Management and Recycling in Commercial and Industrial Facilities 2012 | The guide provides advice to assist architects, developers, council staff and building managers to incorporate better waste management practice into the design, establishment, operation and ongoing management of waste services in commercial and industrial developments. |
| How to manage and control asbestos in the workplace, SafeWork NSW Code of Practice, 2019 (NSW Government) | The Code of Practice is an approved code of practice under section 274 of the *Work Health and Safety Act 2011*.<br>The Code provides guidance on how to manage risks associated with asbestos and asbestos containing material at the workplace and thereby minimise the incidence of asbestos-related diseases such as mesothelioma, asbestosis and lung cancer. |
| How to safely remove asbestos, SafeWork NSW Code of Practice, 2016 (NSW Government) | The Code of Practice is an approved code of practice under the *Work Health and Safety Act 2011*.<br>The code provides practical guidance on how to safely remove asbestos from all workplaces including structures, plant and equipment and is to be read in conjunction with *How to manage and control asbestos in the workplace* Code of Practice. |
| Australian Government Construction and Demolition Waste Guide, 2011 | The aim of the guide is to help develop effective markets for materials diverted or derived from the construction and demolition waste stream. |
| Australian Government Sustainable Procurement Guide, 2021 | The Guide provides step-by-step guidance on how to consider sustainability in the different stages of the procurement process, from identifying the business needs to the end of the contract. It encourages The Guide was developed for Australian Government purchasers to include sustainability considerations in all stages of the procurement process, from identifying the business need to disposing of goods. |
| Sampling Design Guidelines – Contaminated Sites. NSW EPA, 1995 | The Sampling Design Guidelines were established by the NSW EPA to:<br>• Encourage the use of a statistically based approach to the design and sampling for contaminated sites and the interpretation of these samples for assessing and validating contaminated sites; and<br>• Provide a convenient summary of statistical methods. |

## 3.3 Waste Hierarchy

Waste management for the project will be undertaken in accordance with the waste hierarchy, which underpins the objectives of the *Waste Avoidance and Resource Recovery Act 2001*. The waste hierarchy shown in **Figure 3.1** demonstrates preferred approaches to waste management to ensure sustainable development and use of resources.




**Figure 3.1: Waste Hierarchy**

The hierarchy also aims to maximise efficiency and avoid unnecessary consumption of resources. This WMP seeks to implement the waste hierarchy to minimise waste disposal and promote waste reduction in order of preference:

- Reduce or avoid waste through selection of items and design;
- Reuse materials without further processing;
- Recycle and process waste for reuse as a new product;
- Recover energy through combustion of materials where acceptable and in accordance EPA Regulations;
- Treat waste to stabilise the waste product for disposal or reuse; and
- Dispose of waste when no other management options are appropriate.

# 4. Construction

## 4.1 Waste Streams and Classification

### 4.1.1 EPA Waste Classification

The NSW EPA Waste Classification Guidelines (EPA 2014) provides for the classification of wastes into groups that pose similar risks to the environment and human health, which are defined in the POEO Act. Classes of waste described in the guideline are described in **Table 4.1.**

**Table 4.1: Summary of NSW EPA Waste classifications**

| Waste Classification | Description |
|---|---|
| Special waste | Special wastes are wastes that pose specific regulatory requirements due to the risks of harm to the environment and human health. These wastes include clinical and related waste, asbestos waste, waste tyres, and anything classified as special waste under an EPA gazettal notice. |
| Liquid waste | Liquid waste is classified as any waste (other than special waste) that meets the following criteria:<br>• Has an angle of repose of less than 5 degrees above horizontal;<br>• Becomes free flowing at or below 60 degrees Celsius or when it is transported;<br>• Is generally not capable of being picked up by a spade or shovel; and/or<br>• Is classified as liquid waste under an EPA gazettal notice. |
| Hazardous waste<br>Restricted solid waste<br>General solid waste (putrescible)<br>General solid waste (non-putrescible) | Where the waste is neither liquid nor special waste; the EPA has pre-classified other commonly generated waste types, as defined in Schedule 1 of the POEO Act. This includes hazardous waste, restricted solid waste, general solid (putrescible) and general solid (non-putrescible) waste. Putrescible waste is the component of the waste stream that is liable to become putrid, and usually refers to vegetative, food and animal products. A list of all currently gazetted waste classifications is provided on the EPA website at: www.epa.nsw.gov.au/waste/wastetypes.htm.<br>In accordance with the waste classification guidelines, VENM is pre-classified as general solid waste (non-putrescible) as detailed below. |
| Virgin Excavated Natural Material (VENM)<br>and<br>Excavated Natural Material (ENM) | Surplus soils generated by the works may also be classified as virgin excavated natural material (VENM), or meet the requirements for excavated natural material (ENM) (i.e. naturally occurring rock and soil that has been excavated and used for alternate purpose (e.g. cut to fill, use as a noise mound).<br>See:<br>https://www.epa.nsw.gov.au/your-environment/waste/classifying-waste/virgin-excavated-natural-material<br>and<br>https://www.epa.nsw.gov.au/~/media/EPA/Corporate%20Site/resources/waste/rro14-excavated-natural-material.ashx |

### 4.1.2 Waste Streams and Classification

A variety of waste types are expected be generated during the site preparation and construction parts of the project. Potential waste types and corresponding EPA classifications for the Huntingwood East redevelopment are summarised in **Table 4.2**.

**Table 4.2: Potential Waste Types and Classification**

| Waste Type | EPA Classification | Generated | Project Phase |
|---|---|---|---|
| Excavated Soil | Subject to Waste Classification as per EPA 2014 following excavation | Potential | Excavation, Construction |
| Green waste (Garden Organics) | General solid waste (non-putrescible) | Potential | Excavation (site preparation) |
| Metals (including roofing) | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Wood waste (including joinery offcuts) | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Blockwork | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Glazed Bricks | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Concrete (Building frames, cores & roof; external works; slab) | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Plasterboard | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Glass | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Carpet Tiles | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Vinyl | General solid waste (non-putrescible) | Potential | Demolition, Construction |
| Plastic (Artificial Turf and other durables (non-packing)) | General solid waste (non-putrescible) | Potential | Demolition, Construction |
| Plastic and foam packaging | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| General refuse | General solid waste (putrescible), and General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Electrical (HV and LV) | General solid waste (non-putrescible) | ✓ | Demolition, Construction |
| Optic fibre wiring | General solid waste (non-putrescible) | Potential | Demolition, Construction |
| Light bulbs | Hazardous waste | Potential | Demolition, Construction |
| Batteries | Hazardous waste | Potential | Demolition, Construction |
| Empty drums (e.g. oil, fuel, chemicals, paint, spill clean-up) | Hazardous waste if the containers previously used to store Dangerous Goods (Class 1, 3, 4, 5 or 8) and from which residues have not been removed by washing or vacuuming. General solid (non-putrescible) waste if containers cleaned by washing or vacuuming. | ✓ | Demolition, Construction |
| PVC pipes (stormwater, electrical, optic fibre, sewer) | General solid waste (non-putrescible) | Potential | Demolition, Construction |
| Site runoff (wastewater) | Liquid waste | Potential | Demolition, Construction |
| Sewage | Liquid waste | Potential | Demolition, Construction |
| Asbestos containing materials | Special waste | ✓ | Demolition, Construction |
| Lead based paints | Hazardous waste | Potential | Demolition, Construction |

### 4.1.3 Waste Quantities

#### 4.1.3.1 Demolition

During the development of a detailed schedule of planned works, the quantity of waste generated, and the locations of temporary waste storage areas will be confirmed. Based on initial site

inspections and appraisal by the demolition/construction contractor, waste quantities will be estimated.

The *House Deconstruction Information Booklet* (DECCW 2010) provides typical compositions of houses of various material construction, and the estimated mass of cladding, fittings, roof tiles plasterboard, timber, and concrete plus bricks plus footings for houses. Based on information available on Australian Bureau of Statistics website, the average sized house in 2008-2009[6] was approximately 245 $m^2$. This average house size area was used as a ratio value to calculate the below demolition waste quantities in comparison to the floor area of each building proposed to be demolished, using the typical compositions of houses of various material construction (DECCW 2010).

Taking into consideration the building footprints of the Huntingwood East redevelopment, estimates have been made for quantities of the various building materials to be generated during demolition using quantities estimated in DECCW 2010. It is noted that the assumptions are based on the building floors comprising concrete, assuming a 0.1 m thick slab. Estimates of waste quantities are provided in **Table 4.3**.

**Table 4.3: Demolition Waste**

| Waste Type | EPA Classification | Indicative Estimated Volume |
|---|---|---|
| Concrete (2.4 t/$m^3$) | General solid waste (non-putrescible) | 700 $m^3$ |
| Bricks and roof tiles (1.2 t/$m^3$) | General solid waste (non-putrescible) | 500 $m^3$ |
| Asphalt material<br>(Assuming 30mm depth) | General solid waste (non-putrescible) | Unknown |
| Soils and sands<br>(Topsoil and clay) | General solid waste (non-putrescible)<br>Potentially asbestos waste. | Minimal |
| Metals (steel, aluminium, stainless steel, and copper piping or wire) | General solid waste (non-putrescible) | Unknown |
| Timber (0.5 t/$m^3$) (assumed 0.5 of typical amount due to concrete floor) | General solid waste (non-putrescible) | 100 $m^3$ |
| Plastics (vinyl flooring) | General solid waste (non-putrescible) | 30 $m^3$ |
| Plasterboard (0.8 t/$m^3$) (assumed double the typical amount due to number of internal rooms) | General solid waste (non-putrescible) | 20 $m^3$ |
| Hazardous Building Materials | Hazardous Waste | Unknown |
| Glass | General solid waste (non-putrescible) | 1 $m^3$ |
| Electrical wiring | General solid waste (non-putrescible) | Unknown |
| Green waste | General solid waste (non-putrescible) | Unknown |
| General refuse | General solid waste (putrescible)<br>General solid waste (non-putrescible) | Unknown |
| Stormwater runoff | Liquid waste | Unknown |
| Sewage | Liquid waste | Unknown |

It is noted the above waste quantities are high level estimates only based on the type and size of buildings proposed to be demolished.

The demolition schedule will be developed to ensure appropriate temporary waste storage areas are available for storage of demolition waste. If required, waste will be periodically removed from the site (as per management measures outlined in **Section 5.3**) during the demolition works to ensure there is sufficient waste storage capacity available.

It is noted that demolition works are being undertaken under a separate complying development works.

[6] https://www.abs.gov.au/articles/characteristics-new-residential-dwellings-15-year-summary

#### 4.1.3.2 Construction

Indicative quantities of waste likely to be generated during construction (excluding excavation and other enabling works) will be determined when the detailed demolition schedule has been established have been calculated based on published waste generation rates for construction projects. Published data for total waste volumes per unit area and for waste composition have been used, and combined with the total areas of each component of the project to estimate waste generation.

It is expected that actual waste quantities and composition will vary depending on outcomes of detailed design, materials specification and construction planning and methods.

Estimates of total waste volumes per unit area have been derived from benchmark data developed by the UK Building Research Establishment in **Table 4.4** (BRE 2012[7]), which is based on waste generation at various construction projects including commercial and industrial buildings. A value of 13 $m^3$ per 100 $m^2$ has been adopted for the redevelopment works proposed at Huntingwood East, consistent with the commercial/industrial waste value, which most closely reflects this project component.

**Table 4.4: Average Volumes of Waste Produced by Different Project Types**

| Project Type | Average volume ($m^3$) of waste per 100 $m^2$ |
|---|---|
| Residential | 18.1 |
| Public buildings | 20.9 |
| Leisure | 14.4 |
| Industrial Buildings | 13.0 |
| Healthcare | 19.1 |
| Education | 20.7 |
| Commercial Other | 17.4 |
| Commercial Offices | 19.8 |
| Commercial Retail | 20.9 |

Source: BRE (2012)

Indicative waste composition information shown in **Table 4.5** (derived from the Sustainability Victoria Waste Wise Tool Kit (2013[8])) has then been applied to the estimated total waste volumes to estimate quantities for each waste stream.

**Table 4.5: Guide to Waste Composition and Volumes – Construction**

| Material | Estimated Waste % | Conversion Factor (Density) (tonnes per $m^3$) | Estimated Waste ($m^3$) | Estimated Waste (t) |
|---|---|---|---|---|
| Hard material | 32% | 1.2 | 5364 | 6436 |
| Timber | 24% | 0.3 | 4023 | 1207 |
| Plastics | 15% | 0.13 | 2514 | 327 |
| Cement sheet | 9% | 0.5 | 1509 | 754 |
| Gypsum material | 6% | 0.2 | 1006 | 201 |
| Metals | 6% | 0.9 | 1006 | 905 |
| Paper / card | 4% | 0.1 | 670 | 67 |
| Vegetation | 3% | 0.15 | 503 | 75 |
| Soil | 1% | 1.6 | 168 | 268 |
| **Total** | **100%** | - | **16762** | **10241** |
| Other | 0.3% | 0.3 | 50 | 15 |

Source: Sustainability Victoria Waste Wise Tool Kit (2013)

[7] Building Research Establishment Group. *Smartwaste - BRE Waste Benchmark Data* (BRE 2012)
[8] Sustainability Victoria Waste Wise Tool Kit (2013)

**Table 4.5** summaries the waste types and indicative volumes that have been estimated for construction of Huntingwood East. The total waste volumes for the development were estimated using the proposed developments floor plan area of 134,565 $m^2$, which was derived from the design plans in **Appendix A**.

The quantities outlined in **Table 4.5** are high level estimates and are intended to provide an indication of potential waste generation quantities. It is expected that actual waste quantities and composition will vary depending on outcomes of detailed design, materials specification and construction planning and methods. Strategies that will be implemented to minimise waste generation and maximise reuse and recycling are outlined in **Section 4.2.2**.

It is understood that a final WMP, or alternatively a Construction Environmental Management Plan (CEMP) including a waste management sub-plan will be prepared by the appointed contractor prior to redevelopment of the site.

## 4.2 Waste Management

Site specific waste management measures have been developed in line with the waste hierarchy outlined in **Section 3.3** and in accordance with the relevant legislative requirements and guidelines. These measures are applicable to the demolition and construction phases of the project.

### 4.2.1 Avoidance and Reduction of Waste

The demolition, excavation (if required) and construction contractor will be required to avoid waste generation, and endeavour to reuse materials where possible, thereby minimising waste generation.

During the construction phase, waste generation will be avoided through strategic selection of materials during design and purchasing, considering options to reduce waste generation for the project. This includes consideration of procurement of materials which are prefabricated, use minimal packaging, and are suitable for reuse across the site. Selection of construction materials will also consider the use of recycled items where practicable.

Opportunities to avoid wastes generated by construction include:

- Develop a procurement policy which considers waste avoidance measures such as:
    - Order site specific or prefabricated items where practicable to minimise surplus material;
    - Consider packaging material provided by suppliers during purchasing and reduce this requirement where possible, or consider returnable packaging;
    - Material selection to consider recycled items;
- Refine waste stream estimates to ensure adequate on-site storage and segregation; and
- Refine estimated volumes of materials for construction.

### 4.2.2 Reuse and Recycling

For waste materials onsite, measures to separate waste streams will be implemented. This includes segregating wastes into appropriate dedicated bins or areas for reclamation on site or transportation to a designated recycling facility.

Concrete waste and waste rinse water are not to be disposed of at the site and rinse waters are required to be prevented from entering surface waters, including natural and artificial watercourses.

If material containing asbestos is identified and cannot be safely removed/encapsulated, off-site disposal is the most appropriate option. The construction contractor will then liaise with a licensed asbestos removalist to determine a suitable disposal facility. Measures for dealing with hazardous waste (asbestos) are discussed in **Table 4.6.**

Procedures to manage the reuse and recycling of waste materials during construction include:

- Incorporation of waste management into development staging to promote reuse of materials across the site;
- Ensure areas for waste segregation are easily accessible and clearly defined;
- Ensure contractors are familiar with onsite waste storage areas for appropriate waste segregation;
- Determine suitability of materials generated during demolition for use in construction; and
- Consider opportunities for materials reuse in areas in proximity to the site or local construction activities where practicable.

### 4.2.3 Treatment and Disposal

Project wastes may require treatment to stabilise them for appropriate disposal to reduce the risk of harm to human health or the environment. These materials are not suitable for reuse or recycling and must be segregated and disposed of via a suitably qualified contractor.

Wastes will only be sent to landfill or disposal facilities where the prioritised management methods in the hierarchy cannot be effectively implemented. The construction contractor will liaise with the local council to determine appropriate disposal locations for potential waste streams.

Measures to manage the treatment and disposal of waste materials during construction include:

- Ensure wastes which cannot be reused or recycled and require disposal are clearly segregated from those which have the potential to be reused.
- Provide segregated bins for subcontractors to dispose of construction waste (i.e., metal, plastics and cardboard).
- Contractors and staff to be inducted into site waste management practices.
- Hazardous materials including asbestos (if identified) to be disposed of in accordance with the handling and disposal requirements of SafeWork NSW and NSW EPA.
- General wastes to be disposed of in accordance with NSW EPA/local council requirements.
- Toilet facilities must be regularly serviced and emptied by a licensed contractor.

Concrete waste and waste rinse water are not to be disposed of at the site and rinse waters are required to be prevented from entering surface waters, including natural and artificial watercourses.

### 4.2.4 Waste Stream Management Options

The waste management measures outlined in **Table 4.6** will be implemented for each waste stream generated as part of the project. Key waste streams identified for this project have been discussed in more detail in this section to ensure appropriate waste handling for each type of waste.

Each waste stream will be separated and stored appropriately to ensure each type of waste is handled in the most appropriate and efficient way. The numbers and size of waste storage bins, containers, stockpile areas and loading zones on site will be determined by the demolition/excavation and construction contractor.

The Principal Contractor appointed by the client will implement its own waste management systems in accordance with this plan to ensure any existing waste management systems are not impacted by the redevelopment works.

### 4.2.5 Other Considerations

To ensure waste is not unintentionally tracked off-site, the vehicles or trailers used to transport waste or excavated spoil from the site will be covered before leaving the subject site, to prevent spillage or escape of dust, waste or spoil from the vehicle or trailer. Any mud, splatter, dust and other material that is likely to be released from the wheels, underside or body of vehicles, or plant leaving the site will also be removed through a shaker bay or wash down area prior to leaving the subject site.

**Table 4.6: Waste Stream Management**

| Waste Stream | Project Phase | Management |
|---|---|---|
| **Concrete** | Demolition and Construction | Concrete waste is likely to be generated during the demolition phase and the construction of the new building.<br><br>Concrete may also be generated from demolition of existing hardstand areas including kerbing and footpaths for external and landscaping works.<br><br>There is also a possibility that concrete waste may be generated from excess concrete poured during construction, although this will be minimised wherever possible using the methods outlined in **Section 4.2.1**.<br><br>Concrete can be reprocessed and may, in some instances, be reused across the subject site, however, the general practice is to break up/crush the concrete and arrange for disposal to a recycling facility or disposal offsite.<br><br>Options may include disposal of excess concrete to a HDPE lined pit on site, to allow for regular reprocessing or disposal to a recycling facility. Wet supply may be placed back into supply trucks to return to the producer at the cost of an additional fee. |
| **Soil** | Demolition, Excavation and Construction | Soil is likely to be generated during establishment activities, potential excavation to establish required site levels, installation of infrastructure and other construction activities. Soil surplus to the site requirements will be sampled, analysed and classified in accordance with NSW EPA Waste Classification Guidelines (EPA 2014) prior to for offsite disposal at a facility that is licensed to accept that class of waste.<br><br>Soil impacts were identified in JBS&G (2022b) to be from asbestos, heavy metals, PAHs and aesthetic impacts in surface soils, fill material and stockpiles. Fill material was predominantly identified in the western and eastern portions of the site, in the vicinity of former buildings. Fill generally comprised of a range of clay, sand, silt and gravel with some inclusions of building rubble with ACM in several locations. Fill associated with the former buildings was identified to a maximum depth if 0.8 m below ground surface (m bgs). Fill material in the central northern portion of the site in the vicinity of the former earthworks was identified to a depth of 2.1 m bgs, and comprised silty clay / clay with inclusions of shale and ironstone gravels.<br><br>Based on previous investigation at the site, a 90% recycled and re-used target has been set for the project, it is anticipated that the excavated materials that meet the relevant site reuse criteria will, where possible be reused to establish the required site levels during construction works. A soil management plan (as part of a Construction Environmental Management Plan) will be developed to provide guidance for all soil testing, excavation, reuse and disposal works.<br><br>It is anticipated, that based on minimal excavation work proposed, bedrock material is not expected to be exposed during the remediation phase of the redevelopment. However, if required it is expected that an assessment of relevant material will identify that undisturbed natural soil and bedrock at the site will meet the definition of VENM for off-site disposal or re-use purposes. VENM is considered suitable for re-use on-site, or alternatively, may be suitable for beneficial reuse at another site as fill material. In accordance with Part 1 of the Waste Classification Guidelines (EPA 2014), the VENM is pre-classified as general solid waste and may also be disposed of accordingly to a facility that is licensed to accept it.<br><br>Where stockpiling is required prior to redistribution, control measures to avoid sediment and erosion will be implemented where appropriate. This may include establishing a bund or lining of the base with an impermeable HDPE plastic liner.<br><br>Where excess soil cannot be redistributed or has been situated in proximity to asbestos containing materials, the soil is required to be treated and/or disposed of, potentially as low-level contaminated waste via a licensed removalist to a disposal facility. |

| Waste Stream | Project Phase | Management |
|---|---|---|
| **Metals** | Demolition and Construction | Metal wastes are likely to be generated during removal of roofing within the demolition/site establishment phase. There is also a possibility that metal waste may be generated from excess materials purchased for the site as part of construction work, although this will be minimised wherever possible using the methods outlined in **Section 4.2.1**.<br><br>Principal Contractor appointed by the client will investigate and determine appropriate storage and recycling of metals to reduce waste, including location and signage of skip bins onsite.<br><br>Where recycling of metal is not feasible, for example distribution to salvage yards for reuse, the contractor will organise disposal of the timber to a licensed waste facility. |
| **Wood Waste** | Demolition and Construction | It is likely that wood waste (timber) may be generated during the demolition phase as well as from excess materials purchased as part of building construction works, although this will be minimised wherever possible using the methods outlined in **Section 4.2.1**.<br><br>Principal Contractor appointed by the client will investigate and determine appropriate storage and recycling of timber to reduce waste, including location and signage of skip bins onsite. |
| **Plasterboard** | Demolition and Construction | Plasterboard is likely to be generated during the demolition phase as well as the construction of new buildings, although this will be minimised wherever possible using the methods outlined in **Section 4.2.1**.<br><br>Principal Contractor appointed by the client will investigate and determine appropriate storage and recycling of plasterboard to reduce waste, including location and signage of skip bins onsite.<br><br>Uncontaminated plasterboard (e.g. offcuts) or material with low levels of contamination such as nails and screws is completely recyclable and can be recycled for use in new plasterboard or the gypsum used in agricultural soil conditioners. |
| **Plastics** | Construction | Plastic wastes associated with packaging for construction materials can be recycled or in some cases returned to the supplier of the materials for reuse. Where possible, plastic (non-durable) wastes will be reduced using the methods outlined in **Section 4.2.1**. |
| **General Waste** | Demolition, Excavation and Construction | Wastes such as food waste, organics and biodegradable material will be created as a result of worker activity on site. Non-putrescible wastes are generally inert, or solid, and are not able to be composted, recycled, reprocessed or reused.<br><br>Principal Contractor appointed by the client will ensure adequate bins are provided on site for putrescible waste. This is particularly important around worker congregation areas, site office areas and toilet facilities.<br><br>It is likely that general waste will increase at times of internal and service fit out during construction, primarily associated with excess packaging materials and workers on site. Principal Contractor will determine the location of skip bins and specify waste stream separation measures across the site.<br><br>Where possible, co-mingled recycling bins will be provided in common areas at work sites for plastic and glass bottles, soft drink cans, aluminium and tin cans to avoid these items being disposed to landfill. Specialised bins for cigarette butts will also be provided in designated smoking areas. |

| Waste Stream | Project Phase | Management |
|---|---|---|
| **Hazardous Waste – General** | Demolition and Construction | Small quantities of hazardous wastes may be uncovered during the demolition phase. Hazardous waste could also be generated during construction of new buildings (e.g. light bulbs, batteries, used drums from oil, fuel, chemicals or paint).<br><br>Separate containers for the safe storage of these wastes will be provided where applicable, prior to removal offsite by an appropriately licensed contractor for recycling or disposal at a licensed facility. |
| **Hazardous Waste – Asbestos** | Demolition and Excavation | Asbestos poses a risk to human health through exposure of loose fibres when damaged or disturbed. As such, asbestos is classified as special waste under the POEO Act, and the Waste Classification Guidelines (EPA 2014). Special wastes pose unique regulatory requirements due to the management responsibilities to minimise risk of harm.<br><br>A prior Hazardous Material Survey has identified the presence of asbestos containing materials on the proposed site. When asbestos containing materials are identified within work areas and require removal, a site and material specific asbestos removal control plan (ARCP) will be developed by a competent person or a licenced asbestos assessor or licensed asbestos removal contractor prior to the commencement of any asbestos removal works. The ARCP will be developed in accordance with the requirements of SafeWork NSW How to Safely Remove Asbestos, Code of Practice 2016. Controls may include:<br>• Appropriate PPE including respiratory protective equipment<br>• Air monitoring undertaken by an accredited expect<br>• The asbestos work area and removal site will be clearly defined and restricted to unauthorised personnel<br><br>All asbestos removal, transport and disposal must be performed in accordance with NSW legislative requirements including storing or wrapping in polythene bags.<br><br>Any asbestos removed from site will be inspected by a competent person or licenced asbestos assessor prior to movement to the waste disposal facility. |

### 4.3 Roles and Responsibilities

This WMP forms the basis of waste management on site for the demolition/excavation and construction phase of the Huntingwood East redevelopment works.

It is expected that all demolition and construction personnel will commit to the WMP and be responsible for their own actions in adhering the waste management objectives. Waste management criteria (such as those contained in this report) is to be contractually binding for all contractors working on the site.

A Construction Site Manager will be the key person responsible for implementation of the WMP and adherence to applicable legislation, guidelines, licensing and project conditions outlined herein.

**Table 4.7** presents suggested responsibilities for waste management.

**Table 4.7: Roles and Responsibilities**

| Role | Responsibility |
|---|---|
| Environmental Management Representative | • Compliance with applicable environmental licences, legislation and project conditions. Ensure environmental management plan(s) across the site are adhered to and accurate to site conditions.<br>• Undertake inspections to ensure compliance. |
| Construction Site Manager | • Ensuring workers and subcontractors are inducted into the WMP along with other applicable management plans.<br>• Responsible for undertaking procurement of construction materials in accordance with the waste management hierarchy.<br>• Segregation of waste streams where required to ensure appropriate use, treatment and/or disposal. |
| Health and Safety Manager | • Safety inductions for all staff, workers and visitors.<br>• Work with Construction Site Manager to determine safe handling of asbestos waste in compliance with regulatory requirements. |
| Site Workers | • Responsible for acting in accordance with the WMP and site inductions.<br>• Informing the Construction Site Manager of any waste management incidences and Health and Safety Manager of any safety issues associated with on-site activities. |

#### 4.3.1 Training and Awareness

Staff present on site during the construction stage of the project will be required to undertake induction and awareness training inclusive of the WMP and site-specific waste management. This includes:

- Induction to the waste management hierarchy and use across the site; and
- Details of responsibilities for waste management and key personnel;
- Site specific waste management practices relevant to the project stage such as:
    - Waste storage and stockpiling locations;
    - Waste disposal requirements;
    - Hazardous or special wastes;
    - Record of waste disposal details and receipts; and
- Knowledge of emergency response procedures and contacts; and
- Asbestos Awareness Training.

Signage will be provided on site to ensure waste management measures are communicated across the subject site, particularly for contractors and visitors who are not regularly on site. Signage will highlight correct procedures for separating wastes where required, locations of bins and waste storage areas, labelling of designated bins, potential hazards associated with the waste streams and handling, and contact details should any issues be encountered.

Signage will be prepared and located on site in accordance with the Australian Standard (AS 1319) for safety signs, and the NSW EPA and Australian Standard for recycling signage.

### 4.4 Monitoring and Reporting

The following activities will be undertaken to inform future onsite waste management and to determine the success of the WMP:

- Ensure waste quantities generated are recorded, including tracking of receipts from waste recycling or disposal via the appointed waste contractor;
- Record waste classification and testing results;
- Review the WMP in light of any changes to construction activities or further information which may alter waste management practices;
- Undertake auditing of waste management across the site as a component of broader environmental site audits;
- Undertake visual inspections daily to ensure waste management controls are implemented and maintained across site; and
- Undertake final review of the WMP upon project completion to ensure information accurately reflects site activities, and to assist future waste management.

Outcomes of audits and waste tracking will be reported to the client or the Principal Contractor, potentially through weekly or monthly reporting to ensure waste management objectives are adhered to.

#### 4.4.1 Corrective Action

Where formal auditing, daily visual inspections or incident reporting identify incorrect storage or disposal procedures, or maintenance or waste management issues, observations will be promptly reported to the Construction Site Manager and recorded. The Construction Site Manager will determine appropriate measures to rectify the issues in a timely manner in consultation with the Environmental Management Representative and Health and Safety Manager where required.

# 5. Operation

## 5.1 Waste Stream and Classification

### 5.1.1 Site Specific Waste Streams

Potential waste types and corresponding EPA classifications for the operation of facilities constructed on the site are summarised in **Table 5.1**.

**Table 5.1: Potential Waste Types and Classifications**

| Waste Type | EPA Classification | Waste Stream |
|---|---|---|
| Paper including all types of recyclable paper but excluding paper towels, toilet paper and tissues. | General solid waste (non-putrescible) | Paper recycling |
| Cardboard, excluding waxed cardboard. | General solid waste (non-putrescible) | Cardboard recycling |
| Metals (steel, aluminium, stainless steel, and copper piping or wire) | General solid waste (non-putrescible) | Co-mingled recycling, specific recycling or general waste |
| Wood (timber, wooden pallets) | General solid waste (non-putrescible) | Specific recycling or general waste |
| Plastics (recyclables) | General solid waste (non-putrescible) | Co-mingled recycling |
| Plastics (non-recyclables) | General solid waste (non-putrescible) | General waste |
| Soft plastics | General solid waste (non-putrescible) | Soft plastic recycling |
| Green waste (grass clippings and tree prunings) | General solid waste (non-putrescible) | General waste or compost |
| Glass including bottles and containers. | General solid waste (non-putrescible) | Co-mingled recycling |
| Light bulbs, batteries, e-waste | Potentially hazardous waste | Specific recycling |
| General refuse such as food scraps and non-recyclable plastics. | General solid waste (putrescible) or<br>General solid waste (non-putrescible) | General waste |

## 5.2 Waste Generation Quantities

### 5.2.1 Estimated Waste Quantities After Redevelopment Works

At the time of writing this WMP it is unknown what service each warehouse will provide once operational. Therefore, this WMP will address the potential waste generated by assessing warehouse and office uses. On this basis, it is appropriate to estimate indicative waste generation quantities for the site from calculated waste generation rates as Reference A in the Guidelines for Waste Management in New Developments, City of Sydney (2018)[9].

To derive indicative quantities of waste upon construction completion it is assumed that the site will be categorised as 'commercial offices' under the City of Sydney guidelines (2018) and will operate 24 hrs a day, 7 days a week. The waste generation has been divided into individual warehouse/office spaces, to give an indicative estimate of waste generation, and space required for design planning instances.

**Table 5.2** summarises the waste generation rates based on City of Sydney guidelines (2018). Waste generation rates of the office areas have been calculated to account for administerial waste etc. An estimates waste and recycling waste generation can be predicted for the proposed use.

[9] Guidelines for Waste Management in New Developments, City of Sydney (2018)

**Table 5.2: Waste Management in New Developments (2018) Estimated Average Waste and Recycling Generation Rates**

| Premise Type | Area of Space ($m^2$) | Average Waste Generation | Average Recycling Generation |
|---|---|---|---|
| Commercial Offices | 134,565[1] | 15 L / per day / per $100m^2$ | 25 L / per day / per $100m^2$ |
| Expected Generation | - | 141,294 L / per week | 225,489 L / per week |
| Total Expected Waste Generation | - | 366,783 L / per week | |

[1] A revision of the calculated space may be necessary in order to develop a more realistic waste generation estimate. Council will need to be engaged to agree to a reduced area.

**Table 5.3** summarises the allocated bin size, collection frequency and space required for the waste generated per warehouse space. Specific bin locations will be provided in the final design plans.

**Table 5.3: Waste Generation Bin Requirements**

| Warehouse ID | Area of Space ($m^2$) | Waste Generated (L per week) | Number of Bins | Space Required ($m^2$) |
|---|---|---|---|---|
| W1 | 5,935 | 16,618 | 5 | 9.2 |
| W2 | 12,031 | 33,687 | 8 | 14.7 |
| W3A | 12,186 | 34,121 | 8 | 14.7 |
| W3B | 10,214 | 28,599 | 7 | 12.9 |
| W4A | 9,576 | 26,813 | 7 | 12.9 |
| W4B | 9,571 | 26,799 | 7 | 12.9 |
| W4C | 10,319 | 28,893 | 7 | 12.9 |
| WH 5A | 9,951 | 27,863 | 7 | 12.9 |
| WH 5B | 7,893 | 22,100 | 6 | 11.1 |
| WH 5C | 7,329 | 20,521 | 5 | 9.2 |
| WH 5D | 7,736 | 21,661 | 5 | 9.2 |
| WH 5E | 9,926 | 27,793 | 7 | 12.9 |
| WH 5F | 7,839 | 21,949 | 5 | 9.2 |
| WH 5G | 7,306 | 20,457 | 5 | 9.2 |
| WH 5H | 6,753 | 18,908 | 5 | 9.2 |

It is noted that these requirements, assume a clearance frequency of 3 times per week and a bin size of 1,100L MGB. Additionally, 8 $m^2$ of space is required to store bulky and problem waste.

This current estimate is based on 'commercial offices' usage. It is expected that actual waste quantities and composition will depend on the final activities of the site. Strategies that will be implemented to minimise waste generation and maximise reuse and recycling are outlined in **Section 5.3.1.1**.

## 5.3 Waste Management

### 5.3.1 EPA Waste Classification

#### 5.3.1.1 Avoidance and Reduction of Waste

The ongoing site users will be required to minimise waste generation, and endeavour to reuse waste where available. Waste will be avoided through strategic selection of materials during purchasing which takes into account options which may reduce waste generation during ongoing operation of the site. This includes considering procurement of materials which use minimal packaging and are suitable for reuse. Selection of operational materials will also consider the use of recycled items where practicable.

Opportunities to avoid wastes generated by operation include:

- Develop a procurement policy which considers waste avoidance measures such as:
    - Order site specific or prefabricated items where practicable to minimise surplus material.

- Consider packaging material provided by suppliers during purchasing and reduce this requirement where possible or consider returnable packaging.
- Material selection to consider recycled items.

- Refine waste stream estimates to ensure adequate on-site storage and waste segregation, and to inform future procurement policies.

#### 5.3.1.2 Reuse and Recycling

Measures to separate waste streams will be implemented to maximize re-use and recycling. This includes segregating wastes into appropriate dedicated bins or areas for reclamation on site or transportation to a designated recycling facility.

Procedures to manage the reuse and recycling of waste materials during operation include:

- Incorporate waste management into site management procedures to promote reuse and/or recycling of materials.
- Ensure areas for waste segregation are easily accessible and clearly defined.
- Ensure staff are familiar with onsite waste storage areas for appropriate waste segregation.
- Consider opportunities for materials reuse and/or recycling where practicable.

#### 5.3.1.3 Treatment and Disposal

Operational wastes may require treatment to stabilise them for appropriate disposal to reduce the risk of harm to human health or the environment. These materials may not be suitable for reuse or recycling and will be segregated and disposed of via a suitably qualified contractor for the waste stream.

Wastes will only be sent to landfill or disposal facilities where the prioritised management methods in the hierarchy cannot be implemented in a cost effective or practical manner. The site manager will liaise with the local council to determine appropriate disposal locations for potential waste streams.

Measures to manage the treatment and disposal of waste materials during operation include:

- Ensure wastes which cannot be reused or recycled and require disposal are clearly segregated from those which have the potential to be reused.
- Provision of segregated waste bins for each waste type.
- Maintenance staff to be inducted into site waste management practices.
- Hazardous materials to be disposed of in accordance with the handling and disposal requirements of SafeWork NSW and NSW EPA.
- General wastes to be disposed of in accordance with local council requirements.

### 5.3.2 Waste Storage Systems

Due to the unknown future occupants of the warehouses located on site, any waste storage systems implemented are subject to change. In the intermediary period between construction completion and occupation of the warehouses it is estimated that a maximum of 200,000L mobile garbage bins (MGB) (or another combination of sizes) will be required for waste storage. If any of the warehouses are used by a third party, they will be required to provide their own operational waste management plan (OWMP) to ensure any waste is dealt with appropriately.

### 5.3.3 Waste Storage Areas

According to the final design plans (provided in **Appendix A**) provided by the client, a waste storage area has been provided to satisfy the requirements of **Table 5.3**, for each warehouse.

### 5.3.4 Waste Facilities Construction / Maintenance

All waste facilities must comply with the Building Code of Australia (BCA) and all relevant Australian Standards (AS) in accordance with the requirements of Blacktown DCP (2015).

### 5.3.5 Waste Collection Point

A communal waste collection point must be nominated for the site. Appointed waste contractors shall bring waste from the designated waste storage area to the curb for collection at nominated times in accordance with the relevant waste contract.

### 5.3.6 Waste Collection Vehicle Movements

Waste collection vehicles shall not obstruct access to adjacent premises, roadways or the footpath. In addition, waste collection must be carried out with due care for public safety including other road users, cyclists and pedestrians.

### 5.3.7 Waste Collection Contractor

A licensed waste contractor will need to be engaged in order to ensure waste is correctly removed from the facility. All potential waste streams must be accounted for when hiring a waste collection contractor. Written evidence of the contract with the licensed collector for waste and recycling collection is to be provided to the client and the Blacktown City Council and held on site.

## 5.4 Ongoing Management

This WMP is intended to be a starting point for the empty warehouses once construction of the site is complete. If the final warehouses are occupied by different third-party companies, then separate OWMPs must be provided by each separate company.

Having suitable waste management systems in place is only one element of an effective waste management system at a “commercial” facility. Compliance by the administrative manager, staff, cleaning contractors and waste collection contractor is essential to ensure the efficacy of the system.

### 5.4.1 Roles and Responsibilities

It is expected that all personnel will commit to the WMP and be responsible for their own actions in adhering to the waste management objectives.

An Administrative Manager will be the key person responsible for implementation of the WMP and adherence to applicable legislation, guidelines, licensing and project conditions. The Administrative Manager will also be responsible for maintenance of the cleaning infrastructure such as the service doors, locks, lighting, signage, colour coding and repair/replacement of MGBs.

**Table 5.3** below presents suggested responsibilities for waste management.

**Table 5.3: Roles and Responsibilities**

| Role | Responsibility |
|---|---|
| Administrative Manager | Ensuring staff are inducted into the WMP and other applicable management plans.<br>Responsible for undertaking procurement of operational materials in accordance with the waste management hierarchy.<br>Segregation of waste streams where required to ensure appropriate use, treatment and/or disposal.<br>Compliance with applicable environmental legislation and project conditions.<br>Ensure environmental management plan(s) across the site are adhered to and accurate to site conditions.<br>Undertake inspections to ensure compliance. |

| Role | Responsibility |
|---|---|
| | Maintenance of waste-related signage, colour coding and MGBs.<br>Security of waste storage areas during day-to-day business.<br>Ensure no waste is placed on the public way. |
| Staff | Adherence to the WMP.<br>Placement of waste/recycling within correct bins.<br>Notify manager when bins are overfull and require transport to the MGBs.<br>Informing the Administrative Manager of any waste management incidences. |
| Licensed Waste Collection Contractor | Responsible for collection, disposal and/or recycling of waste in accordance with contract and relevant legislation and guidance.<br>Provide feedback on actual volumes of waste and recycling collected to enable waste volume evaluation by Administrative Manager. |

### 5.4.2 Training and Awareness

All staff and contractors will undertake awareness training of the WMP and site-specific waste management. This includes:

- Induction to the waste management hierarchy and use across the site.
- Details of responsibilities for waste management and key personnel.
- Site specific waste management practices such as:
  - Waste storage and stockpiling locations;
  - Waste disposal requirements;
  - Hazardous or special wastes; and
  - Record of waste disposal details and receipts.
- Knowledge of emergency response procedures and contacts.

Signage will be provided on site to ensure waste management measures are communicated across the site. Signage will highlight correct procedures for separating wastes where required, locations of bins and waste storage areas, labelling of designated bins, potential hazards associated with the waste streams and handling, and contact details should any issues be encountered.

Signage will be prepared and located on site in accordance with the Australian Standard (AS 1319) for safety signs, and the NSW EPA and Australian Standard for recycling signage.

## 5.5 Monitoring and Reporting

The following activities will be undertaken to inform future onsite waste management and to improve the efficiency in achieving the outcomes of the WMP:

- Review of waste streams and waste quantities.
- Review the WMP in light of any changes to operational activities or further information which may alter waste management practices.
- Undertake auditing of waste management across the site as a component of broader environmental site audits.
- Undertake visual inspections to ensure waste management controls are implemented and maintained across site.
- Undertake annual review of the WMP to ensure information accurately reflects site activities, and to assist future waste management.

Where formal auditing, general inspections or incident reporting identify incorrect storage or disposal procedures, or maintenance or waste management issues, observations will be promptly reported to the Administrative Manager and recorded. The Administrative Manager will determine appropriate measures to rectify the issues in a timely manner.

# 6. Recommendations

This Waste Management Plan will need to be updated once construction volumes have been finalised and temporary waste storage areas have been identified.

This WMP must be in accordance with the sites SEARs application which requires the following waste management measures to be addressed:

'*Identify, quantify and classify the likely waste streams to be generated during construction and operation. Provide the measures to be implemented to manage, reuse, recycle and safely dispose of this waste. Identify appropriate servicing arrangements for the site.'*

This WMP was written at a time when future potential occupants of each warehouse were unknown. As such, this WMP addresses the potential waste generated by assessing generic warehouse/distribution centre uses

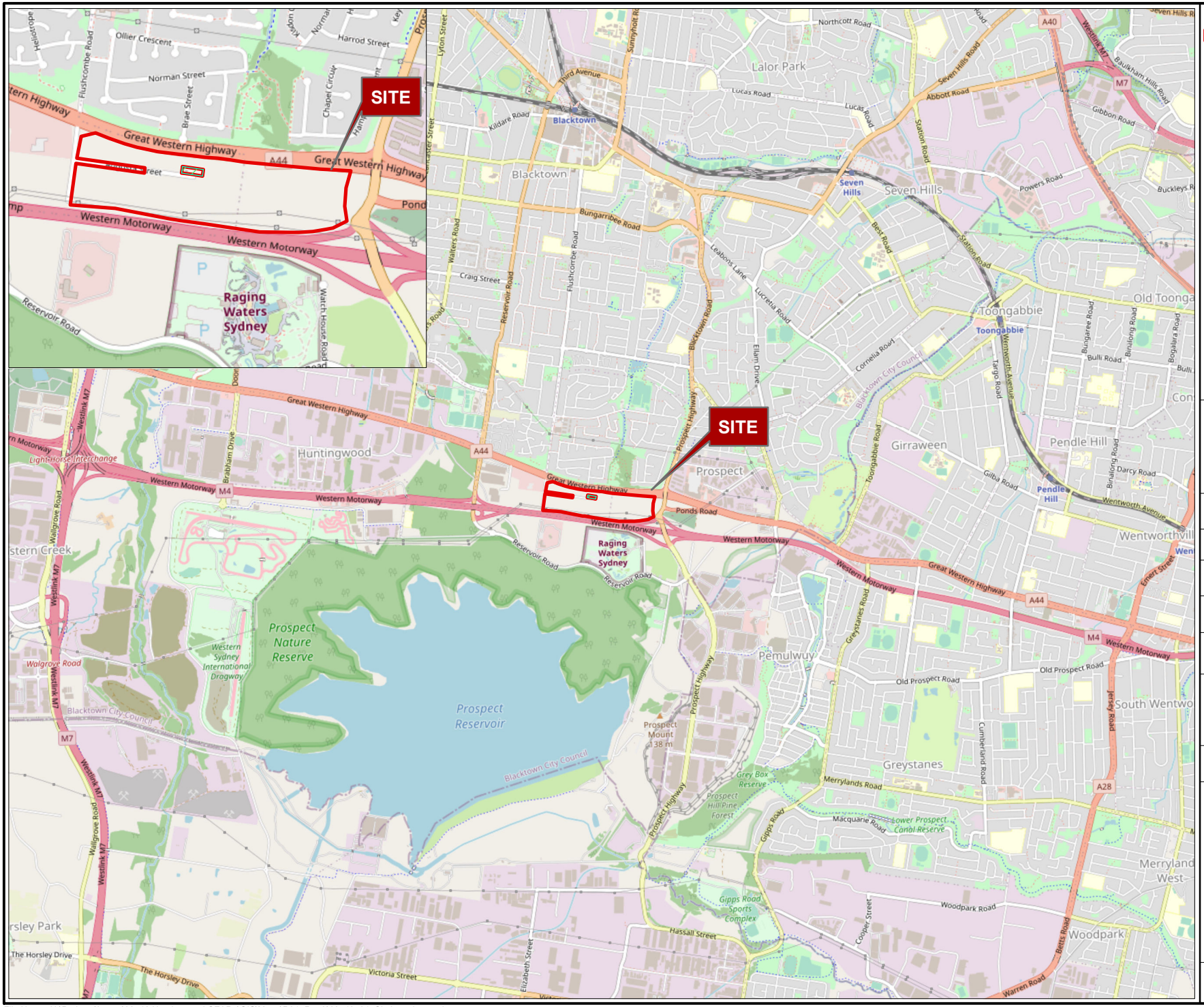
Prior to commencement of construction, a Construction Environmental Management Plan (CEMP) will need to be developed. This WMP will form a sub-plan of the CEMP for the redevelopment works. The CEMP must also include a soil management plan and an asbestos removal control plan.

# 7. Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only and has been based in part on information obtained from the client and other parties.

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## Figures




**Legend**

- Approximate Site Boundary
- Lot Excluded

JBS&G

| | |
|---|---|
| Job No: 62742 | |
| Client: Logos Australia | |
| Version: R01_Rev A | Date 20/04/2022 |
| Drawn By: YY | Checked By: JN |

Scale 1:50,000

0 500 1,000

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Huntingwood East**
**Augusta Street**
**Blacktown, NSW**

**SITE LOCATION**

**FIGURE 1**

File Name: N:\Projects\Logos\62742 Huntingwood SEARs\GIS\Maps\R01_RevA\62742_01_SiteLocation.mxd
Reference: Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA




**Legend**

- Approximate Site Boundary
- Lot / DP
- Lot Excluded
- NSW Cadastre (DFSI, 2021)

**Assessment Areas**

- Western Assessment Area
- Central Western Assessment Area
- Central Eastern Assessment Area
- Eastern Assessment Area

JBS&G

| | |
|---|---|
| Job No: 62742 | |
| Client: Logos Australia | |
| Version: R01_Rev A | Date 20/04/2022 |
| Drawn By: YY | Checked By: JN |
| Scale 1:5,500 | |

0 50 100
metres

Coord. Sys. GDA 1994 MGA Zone 56

**Huntingwood East**
**Augusta Street**
**Blacktown, NSW**

**SITE LAYOUT**

**FIGURE 2**

File Name: N:\Projects\Logos\62742 Huntingwood SEARs\GIS\Maps\R01_RevA\62742_02_SiteLayout.mxd
Reference: www.nearmap.com - Imagery 20210807

# Appendix A Design Drawings

# Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

LOGOS

CLIENT

BUILDER/PROJECT MANAGER

PACE ARCHITECTS

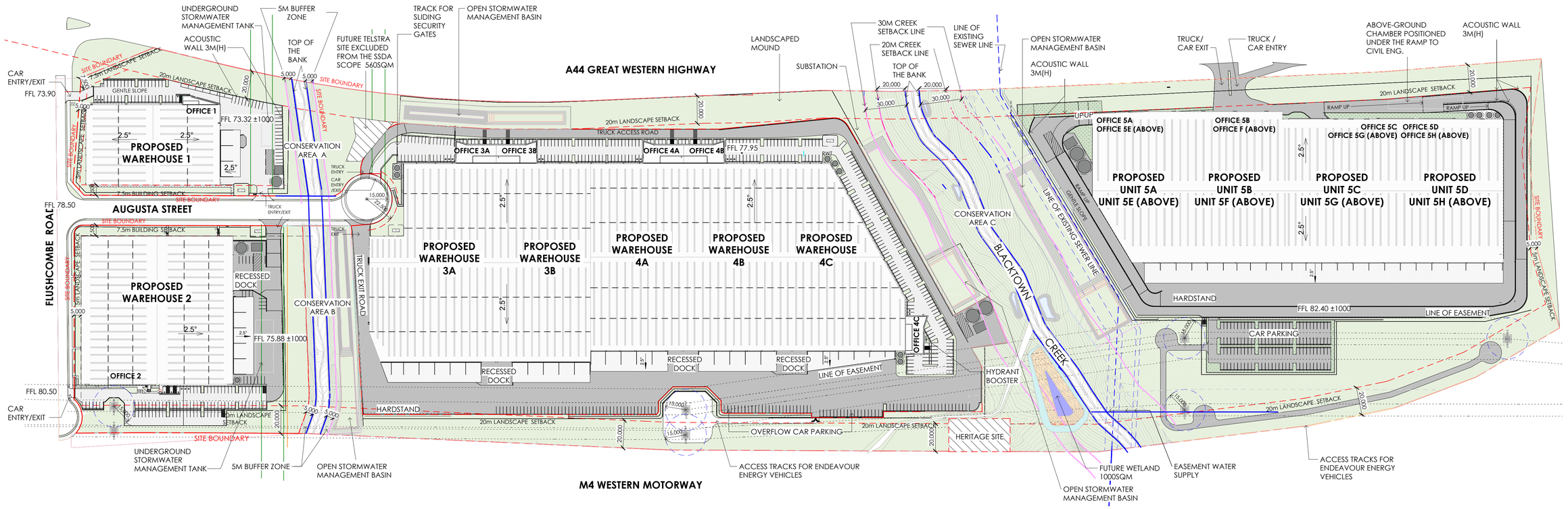
DOCUMENTATION



3D IMPRESSION

## DRAWING LIST

| | | | |
|---|---|---|---|
| DA-001 | H- MASTERPLAN | D | 21.08.23 |
| DA-002 | H- SITE ANALYSIS | A | 23.06.23 |
| DA-003 | H- SHADOW STUDY - JUNE 21 | C | 25.08.23 |
| DA-004 | H- SIGN LOCATIONS | C | 25.08.23 |




1 MASTERPLAN

1 : 1500

NOTE 1:
METHOD OF MEASUREMENT OF **GFA (GROSS FLOOR AREA)** IS AS FOLLOW:
- MEASURED FROM INTERNAL FACE OF EXTERNAL WALLS.
- INCLUDED MEZZANINES AND ANY HABITABLE ROOMS IN THE BASEMENTS
-VERTICAL CIRCULATION SUCH AS LIFTS AND STAIRS:
EXCLUDED - IF SHARED BETWEEN TENANCIES
INCLUDED - IF EXCLUSIVE FOR ONE TENANT
- EXCLUDED BASEMENTS UNLESS THEY ARE HABITABLE ROOM
- EXCLUDE GARBAGE AREAS, SPACES USED EXCLUSIVELY FOR SERVICE SUCH AS DUCTING, PLANT ROOMS, LIFT MOTOR ROOMS AND CAR PARKING
- TERRACES AND BALCONIES:
EXCLUDED - IF OUTER WALL IS LESS THEN 1.4m HIGH
INCLUDED - IF OUTER WALL IS MORE THEN 1.4m HIGH
- EXCLUDED VOIDS AT ANY LEVEL THEY OCCUR

NOTE2:
PARKING CALCULATION (BASED ON GFA):
- INDUSTRIAL/ WAREHOUSE: BUILDING 7,500SQM OR LESS– 1 SPACE PER 100SQM GFA.
- BUILDING GREATER THAN 7,500SQM GFA– 1 SPACE PER 200SQM GFA ONLY FOR THE AREA IN EXCESS OF 7,500SQM WHERE THERE IS SPECIFIC END USER WHICH WOULD NOT DEMAND A HIGHER RATE AND WHERE EMPLOYEE PARKING IS ADEQUATELY CATERED FOR.
- COMMERCIAL: 1 SPACE PER 40SQM GFA
NUMBER OF DISABLED CAR PARKS AT LEAST %2 OR PART THEREOF OF THOSE SPACES.

NOTE3:
MOTORCYCLE PARKING CALCULATION (BASED ON CAR PARKING NUMBER):
EACH 50 CAR PARKS, ONE MOTORCYCLE PARK

BUILDING 1

| DEVELOPMENT SUMMARY (BLDG1) - GFA | |
|---|---|
| Name | Area |
| OFFICE 1 | 399 m² |
| OFFICE 1 LOBBY | 75 m² |
| WAREHOUSE 1 | 5461 m² |
| Grand total | 5935 m² |

| | |
|---|---|
| AWNING 15M (BLDG1) | 511 m² |
| HEAVY DUTY PAVEMENT (BLDG 1) | 3074 m² |
| LIGHT DUTY PAVEMENT (BLDG 1) | 1352 m² |

| PROVIDED PARKING SCHEDULE (BLDG1) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP1 | 5400 x 2500 - 90 deg | 43 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 2 |
| PK-CP2 | 5400 x 2500 - (Backup) | 25 |
| PK-CP7 | 5400 x 2500 - EV CAR | 3 |
| Grand total | | 73 |
| TOTAL CAR PARK REQUIRED | | 67 |

| PROVIDED MOTORCYCLE PARKING (BLDG1) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 2 |
| Grand total | | 2 |

BUILDING 2

| DEVELOPMENT SUMMARY (BLDG2) - GFA | |
|---|---|
| Name | Area |
| OFFICE 2 | 363 m² |
| WAREHOUSE 2 | 11668 m² |
| Grand total | 12031 m² |

| | |
|---|---|
| AWNING 10M (BLDG 2) | 834 m² |

| | |
|---|---|
| HEAVY DUTY PAVEMENT (BLDG 2) | 4035 m² |
| LIGHT DUTY PAVEMENT (BLDG 2) | 2789 m² |

| PROVIDED PARKING SCHEDULE (BLDG2) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP1 | 5400 x 2500 - 90 deg | 83 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 3 |
| PK-CP2 | 5400 x 2500 - (Backup) | 17 |
| PK-CP7 | 5400 x 2500 - EV CAR | 3 |
| Grand total | | 106 |
| TOTAL CAR PARK REQUIRED | | 104 |

| PROVIDED MOTORCYCLE PARKING (BLDG2) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 3 |
| Grand total | | 3 |

BUILDING 3 BUILDING 4

| DEVELOPMENT SUMMARY (BLDG3&4) - GFA | |
|---|---|
| Name | Area |
| OFFICE 3A | 441 m² |
| OFFICE 3A LOBBY | 42 m² |
| OFFICE 3B | 439 m² |
| OFFICE 3B LOBBY | 42 m² |
| OFFICE 4A | 441 m² |
| OFFICE 4A LOBBY | 42 m² |
| OFFICE 4B | 441 m² |
| OFFICE 4B LOBBY | 42 m² |
| OFFICE 4C | 415 m² |
| OFFICE 4C LOBBY | 66 m² |
| WAREHOUSE 3A | 11703 m² |
| WAREHOUSE 3B | 9733 m² |
| WAREHOUSE 4A | 9093 m² |
| WAREHOUSE 4B | 9088 m² |
| WAREHOUSE 4C | 9838 m² |
| Grand total | 51866 m² |

| | |
|---|---|
| AWNING 5M (BLDG 4) | 56 m² |
| AWNING 15M (BLDG 3) | 1834 m² |
| AWNING 15M (BLDG 4) | 2183 m² |
| HEAVY DUTY PAVEMENT (BLDG 3&4) | 23244 m² |
| LIGHT DUTY PAVEMENT (BLDG 3&4) | 8114 m² |

| PROVIDED PARKING SCHEDULE (BLDG3&4) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP1 | 5400 x 2500 - 90 deg | 211 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 10 |
| PK-CP2 | 5400 x 2500 - (Backup) | 113 |
| PK-CP7 | 5400 x 2500 - EV CAR | 12 |
| Grand total | | 346 |
| TOTAL CAR PARK REQUIRED | | 338 |

| PROVIDED MOTORCYCLE PARKING (BLDG3&4) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 7 |
| Grand total | | 7 |

BUILDING 5

| DEVELOPMENT SUMMARY (BLDG5) - GFA | |
|---|---|
| Name | Area |
| OFFICE 5A | 499 m² |
| OFFICE 5B | 401 m² |
| OFFICE 5C | 393 m² |
| OFFICE 5D | 387 m² |
| OFFICE 5E | 476 m² |
| OFFICE 5F | 385 m² |
| OFFICE 5G | 377 m² |
| OFFICE 5H | 372 m² |
| UNIT 5A | 9452 m² |
| UNIT 5B | 7492 m² |
| UNIT 5C | 6936 m² |
| UNIT 5D | 7349 m² |
| UNIT 5E | 9450 m² |
| UNIT 5F | 7454 m² |
| UNIT 5G | 6929 m² |
| UNIT 5H | 6381 m² |
| Grand total | 64733 m² |

| | |
|---|---|
| AWNING 15M (BLDG5) | 3847 m² |
| HEAVY DUTY PAVEMENT (BLDG 5) | 26063 m² |
| LIGHT DUTY PAVEMENT (BLDG 5) | 26845 m² |

| PROVIDED PARKING SCHEDULE (BLDG5) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP1 | 5400 x 2500 - 90 deg | 267 |
| PK-CP2 | 5400 x 2500 - (Backup) | 120 |
| PK-CP3 | 5400 x 2500 - (Disable) | 12 |
| PK-CP7 | 5400 x 2500 - EV CAR | 14 |
| PK-CP5 | 5900 x 2500 - 0 deg (PARALLEL PARKING) | 13 |
| Grand total | | 426 |
| TOTAL CAR PARK REQUIREE (EXCLUDING BACKUP) | | 288 |

| PROVIDED MOTORCYCLE PARKING (BLDG5) | | |
|---|---|---|
| Family | Type | Count |
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 11 |
| Grand total | | 11 |

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Nominated Archit: Patrick Pace NSW #7815

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

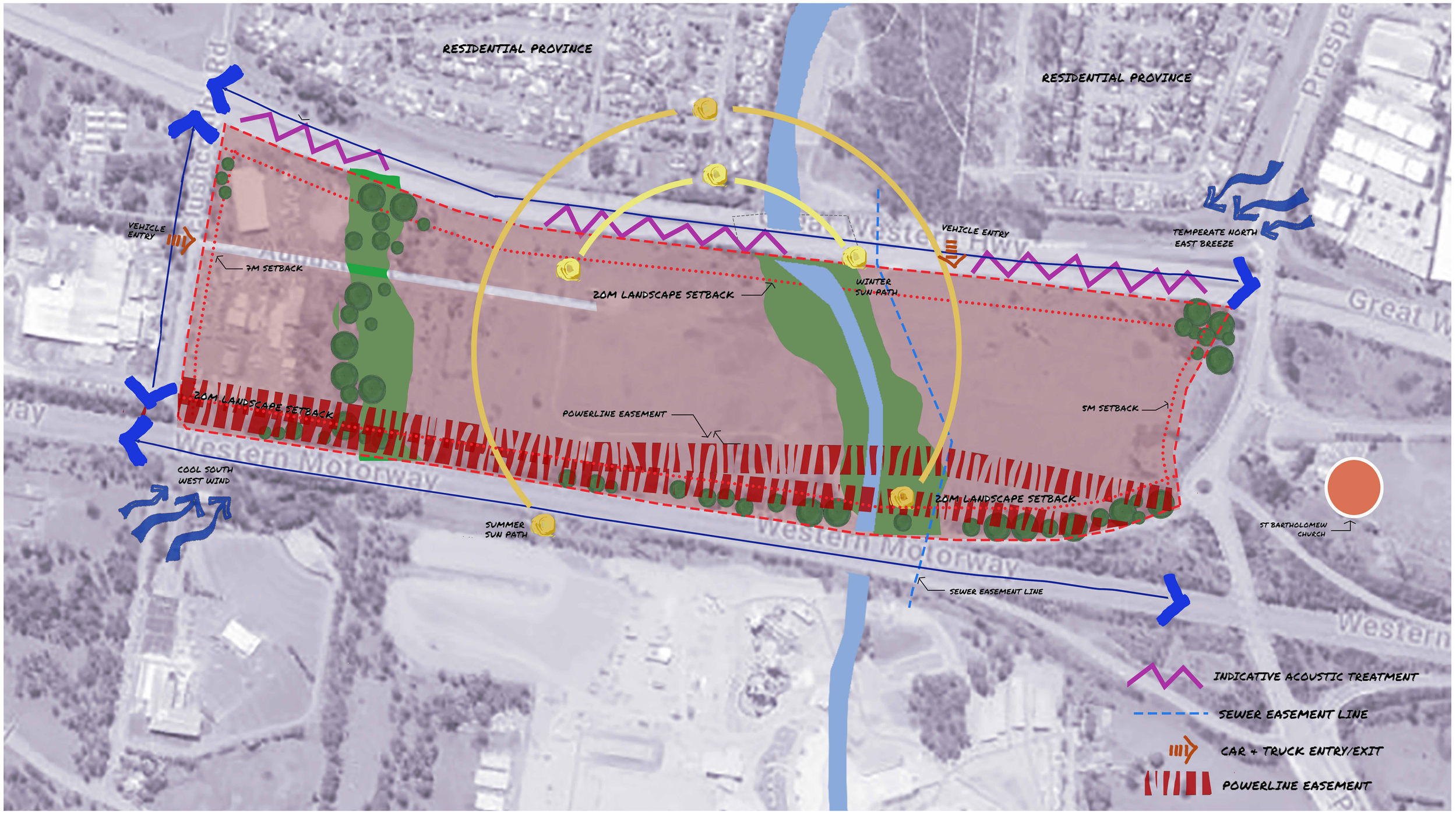
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| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |
| D | TEST OF ADEQUACY UPDATES | 21.08.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL
H- MASTERPLAN

scale: As indicated A1
project no: 220207
date: 21.08.23
dwn: BH
dwg no: 220207 - DA-001
issue: D




# SITE ANALYSIS

1 : 200

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Nominated Archit: Patrick Pace NSW #7815

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
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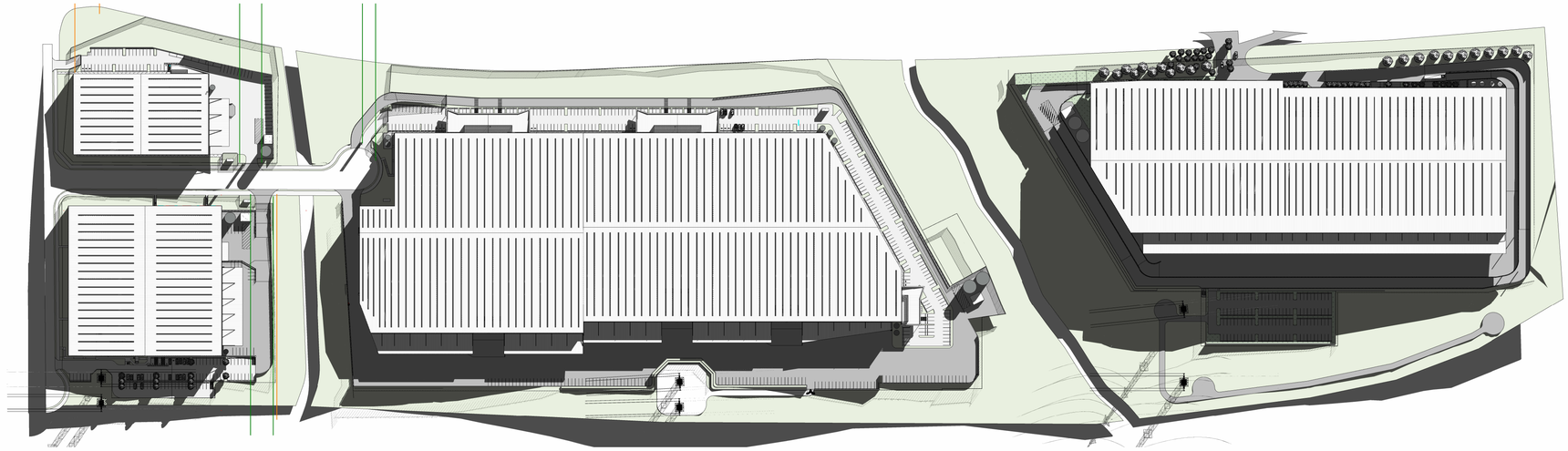
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BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

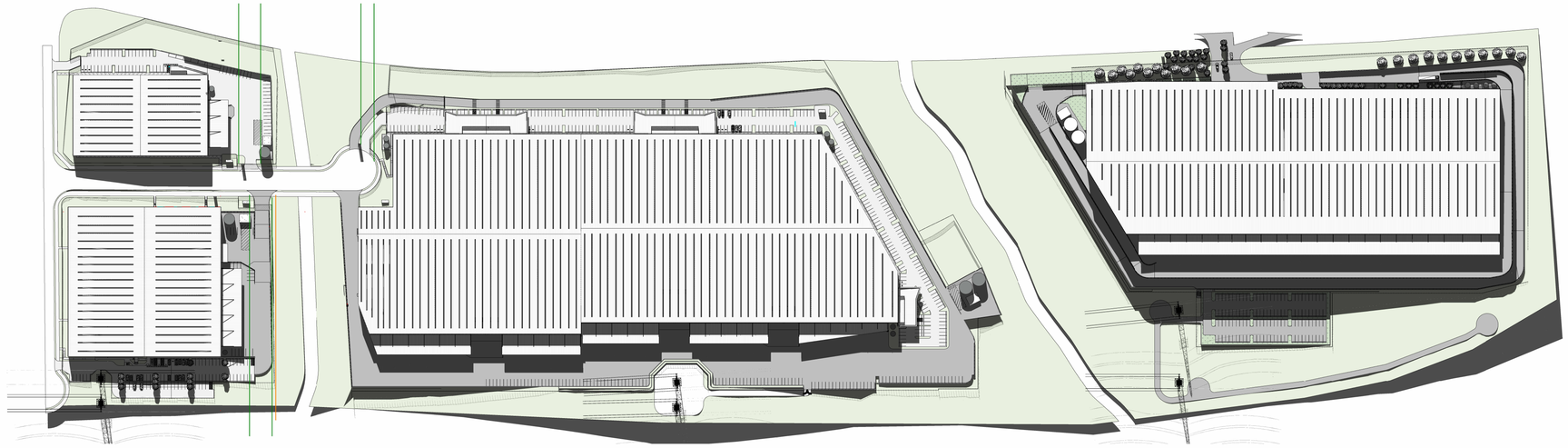
purpose: FOR APPROVAL

H- SITE ANALYSIS

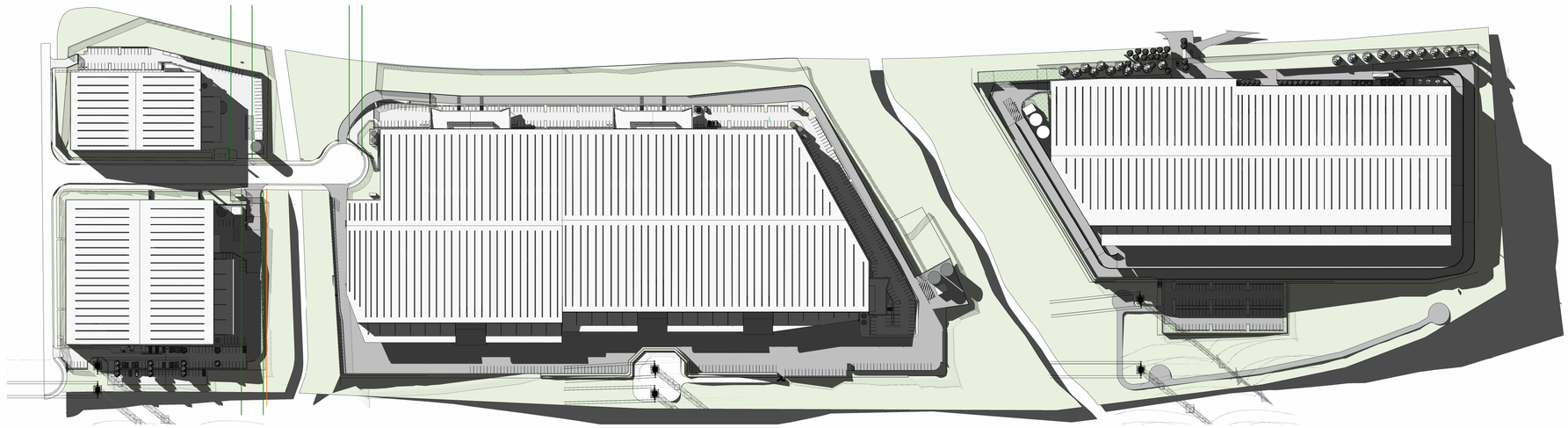
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| date | 23.06.23 | |
| dwn | AB | |
| dwg no | 220207 - DA-002 | |
| issue | A | |



1 SHADOW STUDY JUNE 21- 9AM



2 SHADOW STUDY JUNE 21- 12PM



3 SHADOW STUDY JUNE 21- 3PM

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | BUILDING 5 UPDATES TO FACADE, LIFT LOBBY TO WEST, & ALL AMENITIES | 25.08.23 |

ARCHITECT
PACE ARCHITECTS

BUILDER / PROJECT MANAGER

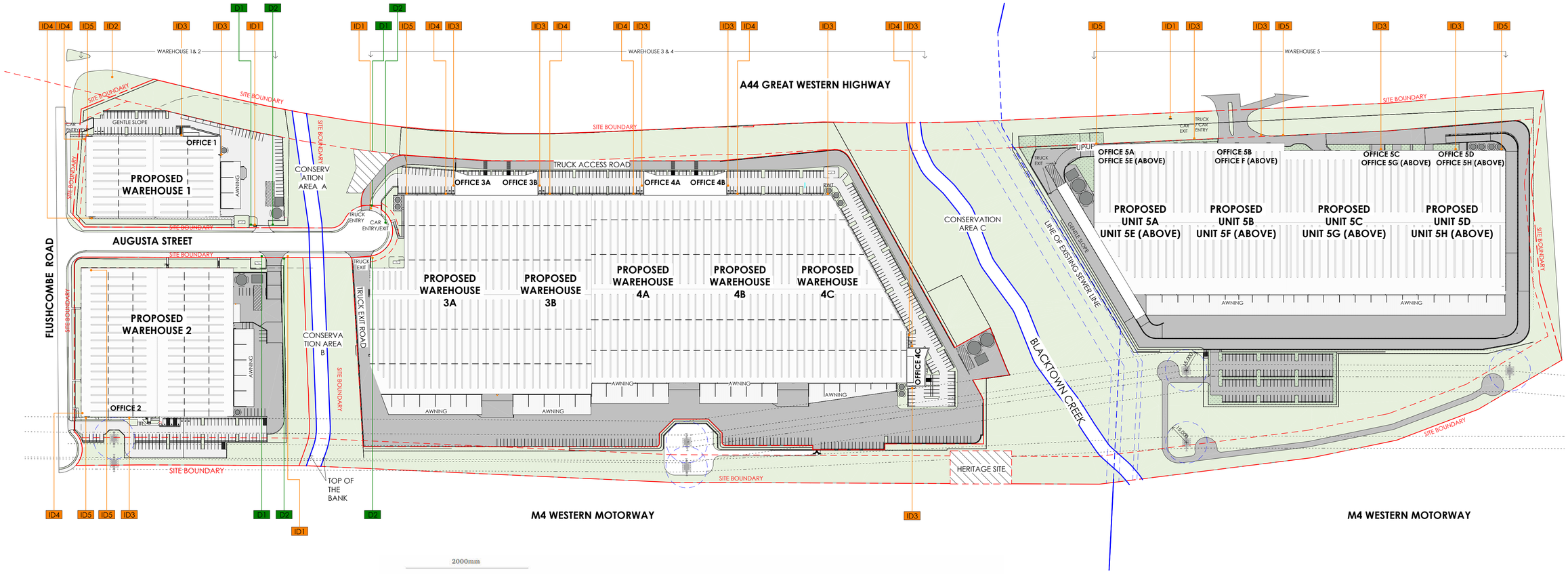
CLIENT
LOGOS

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purpose FOR APPROVAL

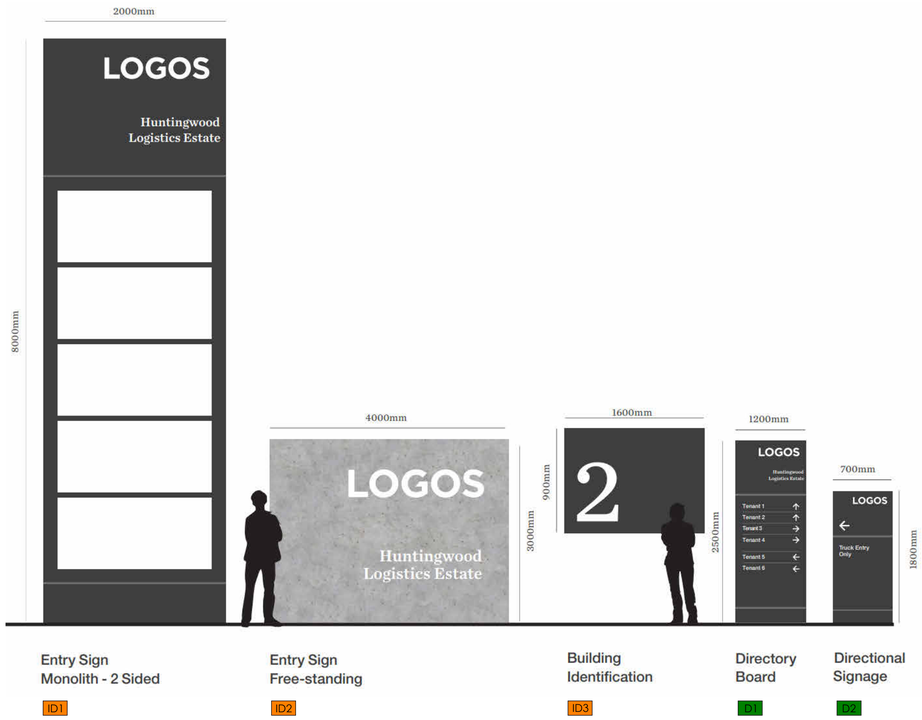
H- SHADOW STUDY - JUNE 21

scale A1
project no 220207
date 25.08.23
dwn AB
dwg no 220207 - DA-003
issue C




## 1 MASTERPLAN SIGN LOCATIONS

1 : 1500




Entry Sign
Monolith - 2 Sided
ID1

Entry Sign
Free-standing
ID2

Building
Identification
ID3

Directory
Board
ID1

Directional
Signage
ID2




Tenant Signage
ID4




LOGOS Signage
ID5

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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

H- SIGN LOCATIONS

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 25.08.23 | |
| dwn | JA | |
| dwg no | 220207 - DA-004 | |
| issue | C | |

# Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

LOGOS

CLIENT

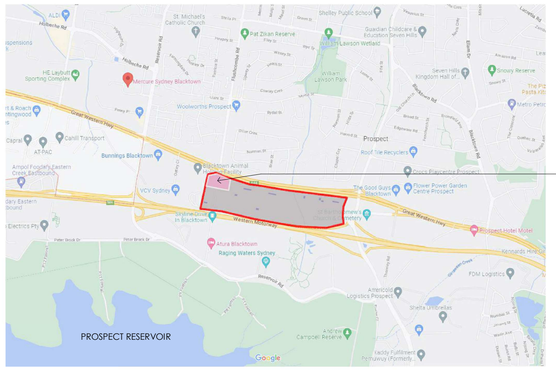
PACE ARCHITECTS

DOCUMENTATION

BUILDER/PROJECT MANAGER

## DRAWING LIST

| | | | |
|---|---|---|---|
| DA-100 | BUILDING 1 SITE & WAREHOUSE PLAN | A | 23.06.23 |
| DA-110 | BUILDING 1 OFFICE PLAN | A | 23.06.23 |
| DA-115 | BUILDING 1 ROOF PLAN | A | 23.06.23 |
| DA-120 | BUILDING 1 ELEVATIONS | A | 23.06.23 |
| DA-121 | BUILDING 1 OFFICE ELEVATIONS | B | 18.08.23 |
| DA-130 | BUILDING 1 SECTIONS | A | 23.06.23 |



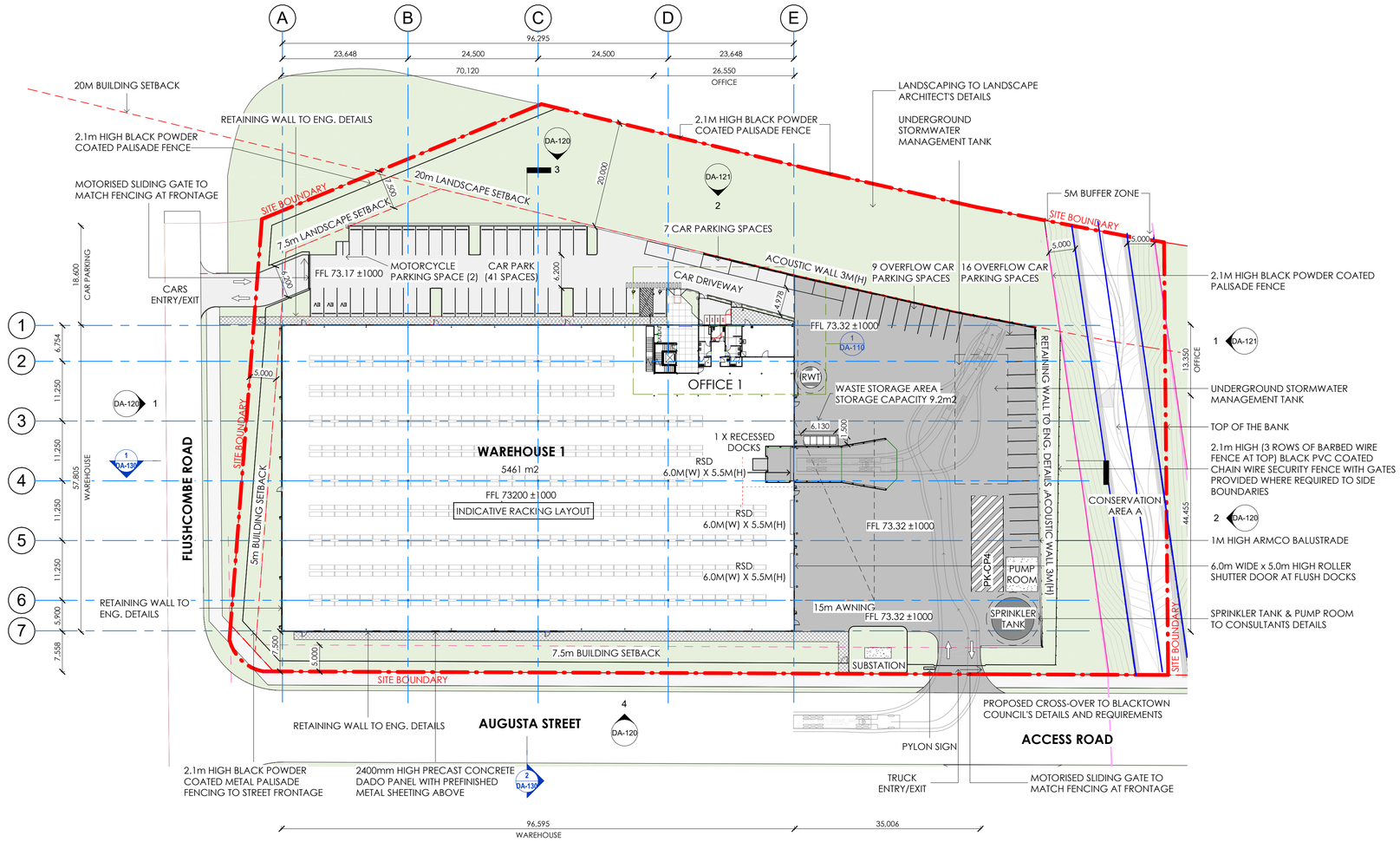

INDUSTRIAL ESTATE CONCEPT MASTERPLAN




SITE LOCATION



3D IMPRESSION




## COLOR LEGEND

| | | |
|---|---|---|
| 1 | | HEAVY DUTY PAVEMENT |
| 2 | | LIGHT DUTY PAVEMENT |
| 3 | | LANDSCAPE |
| 4 | | PEDESTRIAN PATHWAY |
| 5 | | WAREHOUSE |
| 6 | | TURF CELL |

## DEVELOPMENT SUMMARY (BLDG1) - GFA

| Name | Area |
|---|---|
| OFFICE 1 | 398.9 m² |
| OFFICE 1 LOBBY | 75.0 m² |
| WAREHOUSE 1 | 5461.1 m² |
| Grand total | 5935.0 m² |
| AWNING 15M (BLDG1) | 510.8 m² |
| HEAVY DUTY PAVEMENT (BLDG 1) | 3074.3 m² |
| LIGHT DUTY PAVEMENT (BLDG 1) | 1351.5 m² |

## PROVIDED PARKING SCHEDULE (BLDG1)

| Family | Type | Count |
|---|---|---|
| PK-CP1 | 5400 x 2500 - 90 deg | 43 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 2 |
| PK-CP2 | 5400 x 2500 - (Backup) | 25 |
| PK-CP7 | 5400 x 2500 - EV CAR | 3 |
| Grand total | | 73 |
| CAR PARK REQUIRED | | 67 |

## PROVIDED MOTORCYCLE PARKING (BLDG1)

| Family | Type | Count |
|---|---|---|
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 2 |
| Grand total | | 2 |
| MOTORCYCLE PARK REQUIRED | | 2 |

NOTE 1:
METHOD OF MEASUREMENT OF **GFA (GROSS FLOOR AREA)** IS AS FOLLOW:
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  INCLUDED - IF OUTER WALL IS MORE THEN 1.4m HIGH
- EXCLUDED VOIDS AT ANY LEVEL THEY OCCUR

# 1 BUILDING 1 - SITE & WAREHOUSE PLAN

1 : 500

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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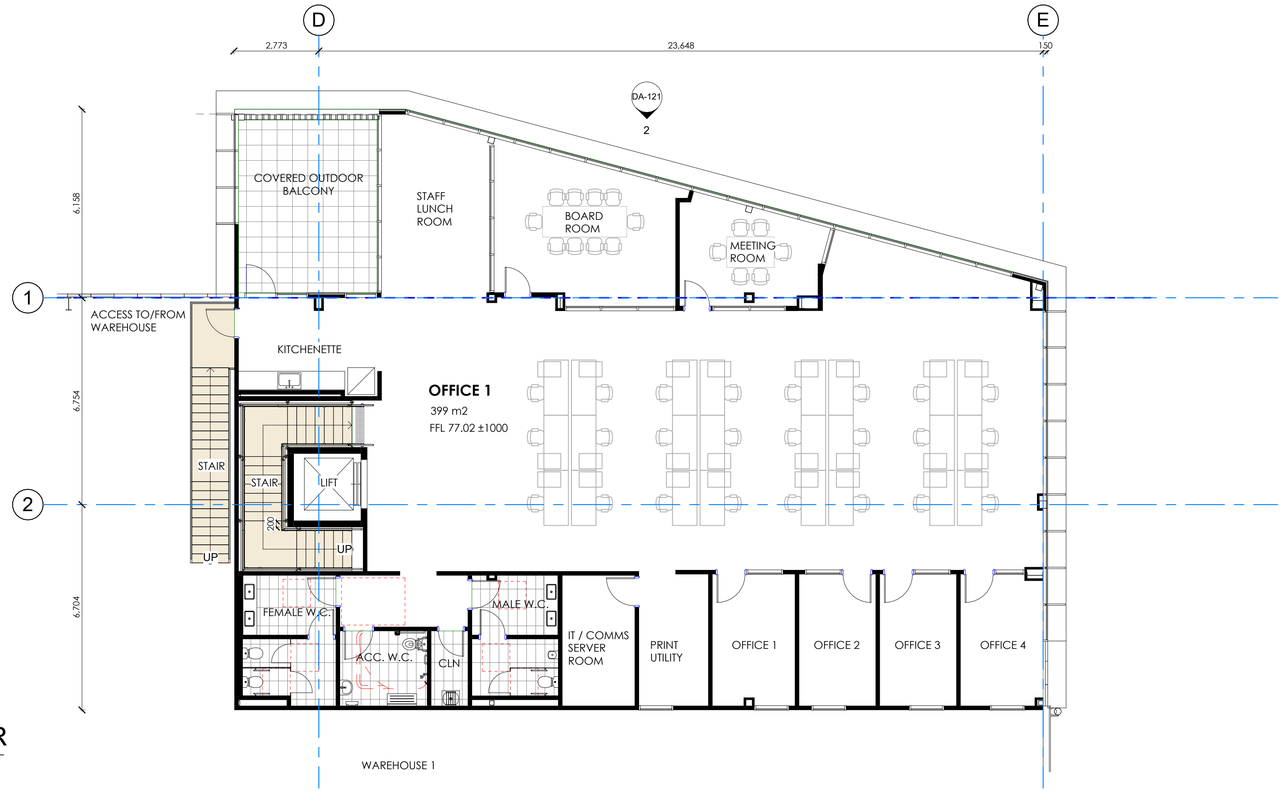
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BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE 1:500

purpose: FOR APPROVAL

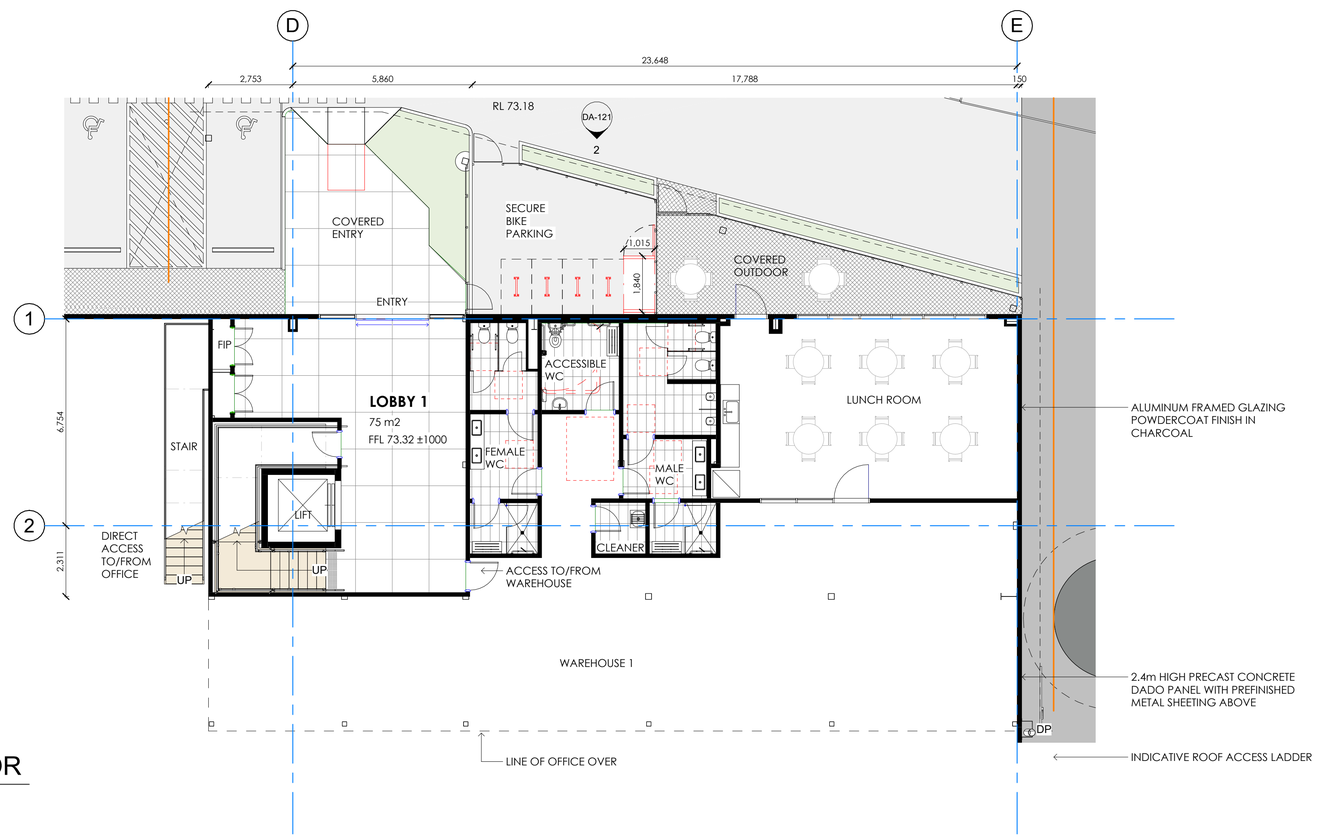
BUILDING 1 SITE & WAREHOUSE PLAN

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 23.06.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-100 | |
| issue | A | |




## 1 BUILDING 1 - OFFICE FIRST FLOOR

1 : 100




## 2 BUILDING 1 - OFFICE GROUND FLOOR

1 : 100

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Nominated Archit. Patrick Pace NSW #7815
Member Australian Institute of Architects

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

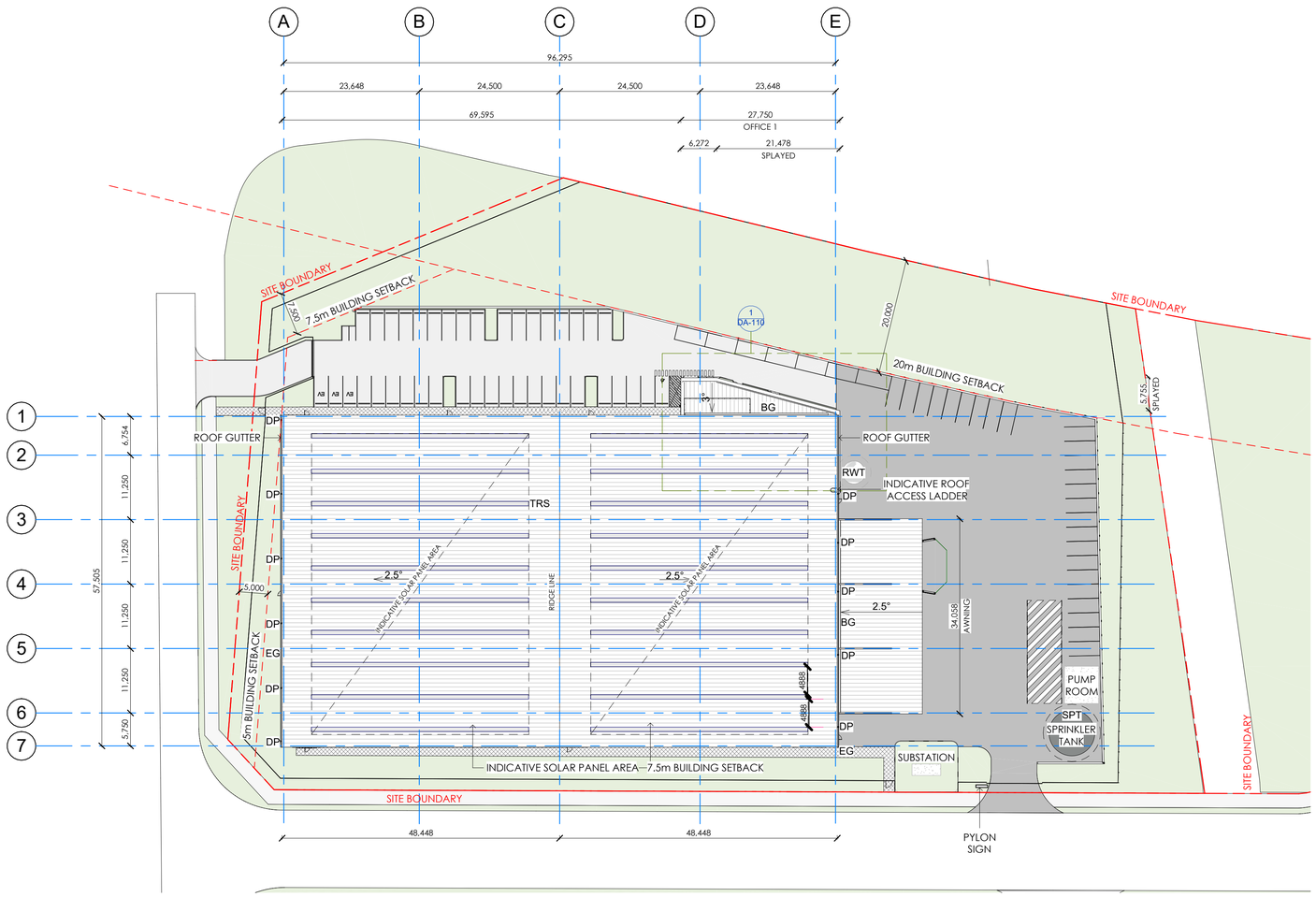
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 1 OFFICE PLAN

| | | |
|---|---|---|
| scale | 1 : 100 | A1 |
| project no | 220207 | |
| date | 23.06.23 | |
| dwn | DC | |
| dwg no | 220207 - DA-110 | |
| issue | A | |

| Keynote Legend - General | |
|---|---|
| BG | BOX GUTTER IN MONUMENT SIZE TBC - REFER TO CONSULTANT DETAIL |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| SPT | SPRINKLER TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |




## 1 BUILDING 1 - ROOF PLAN

1 : 500

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

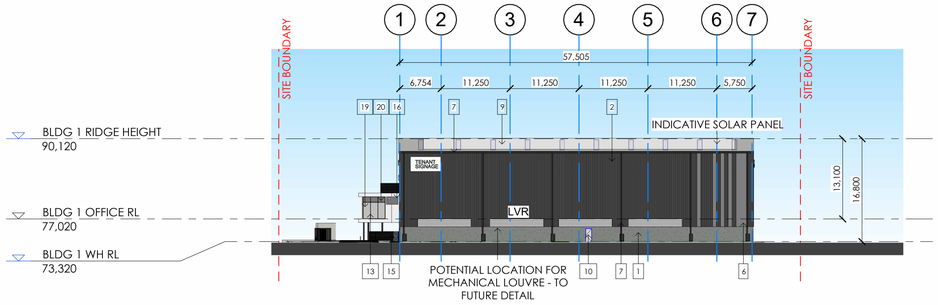
purpose: FOR APPROVAL

BUILDING 1 ROOF PLAN

scale 1 : 500 A1
project no 220207
date 23.06.23
dwn JA
dwg no 220207 - DA-115
issue A

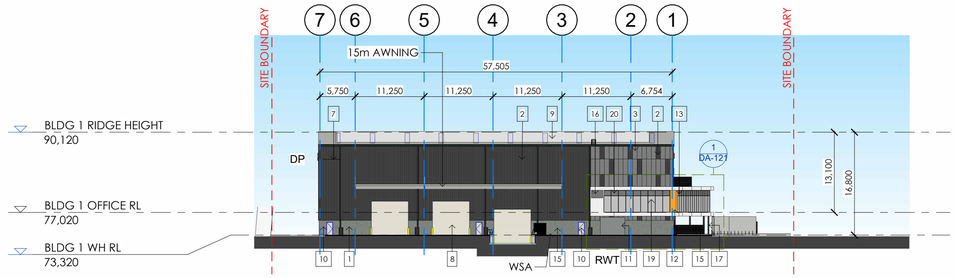
## 1 BLDG 1 - WEST ELEVATION

1 : 500



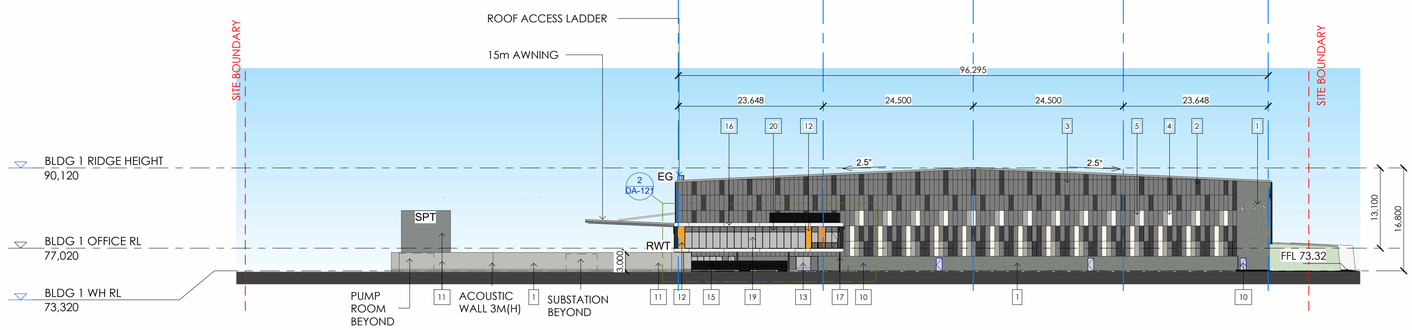

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1 : 500



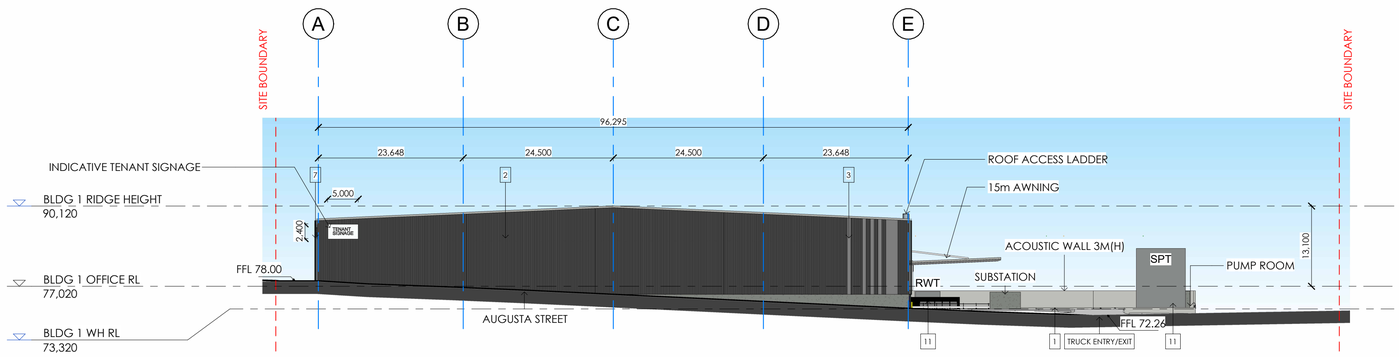

## 3 BLDG 1 - NORTH ELEVATION

1 : 500




## 4 BLDG 1 - SOUTH ELEVATION

1 : 500




| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| LVR | MECHANICAL LOUVRE - TO FUTURE DETAIL |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| SPT | SPRINKLER TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

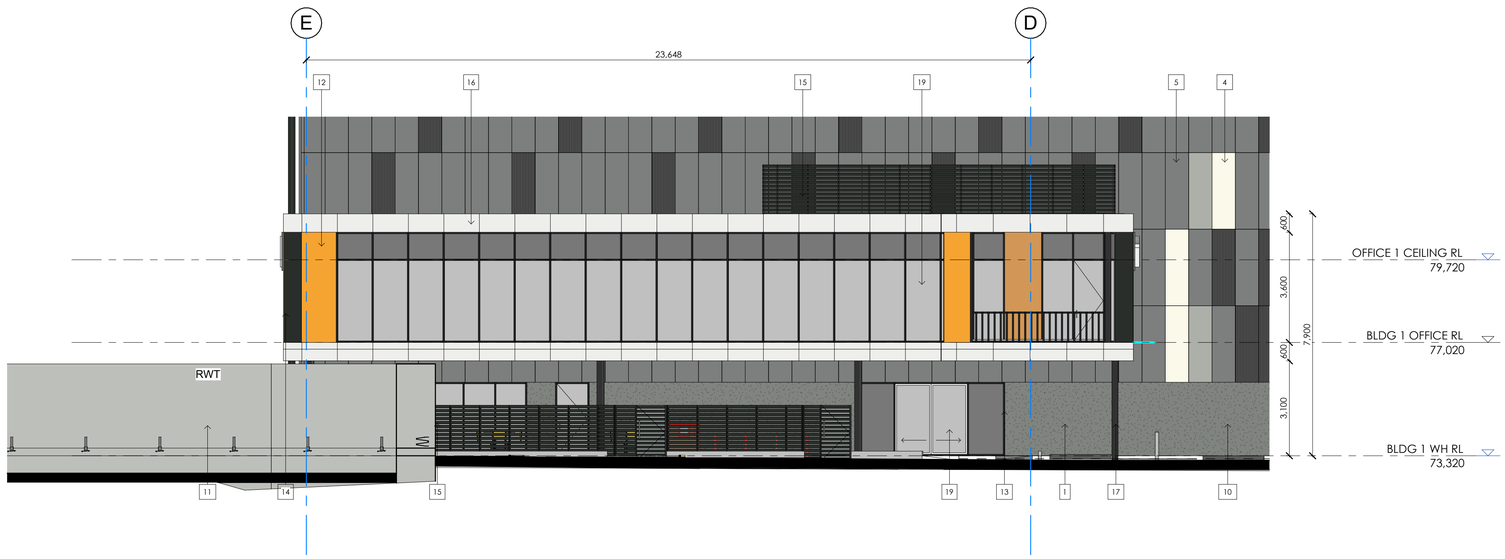
BUILDING 1 ELEVATIONS

scale: As indicated A1
project no: 220207
date: 23.06.23
dwn: BH
dwg no: 220207 - DA-120
issue: A




1 BLDG 1 - OFFICE 1 EAST ELEVATION

1 : 100




2 BLDG 1 OFFICE NORTH ELEVATION

1 : 100

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

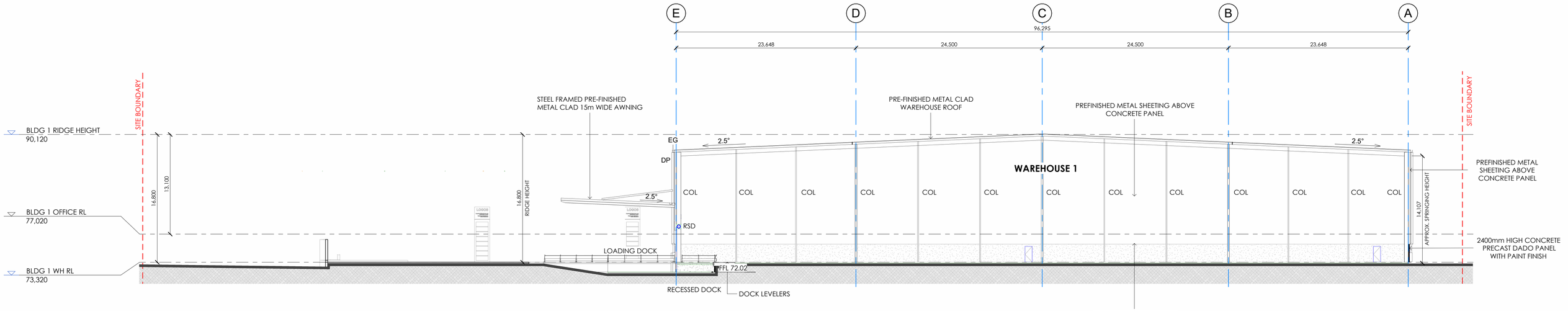
GRAPHIC SCALE: 1:100 (0 1 2 3 4 5 10)

purpose: FOR APPROVAL

BUILDING 1 OFFICE ELEVATIONS

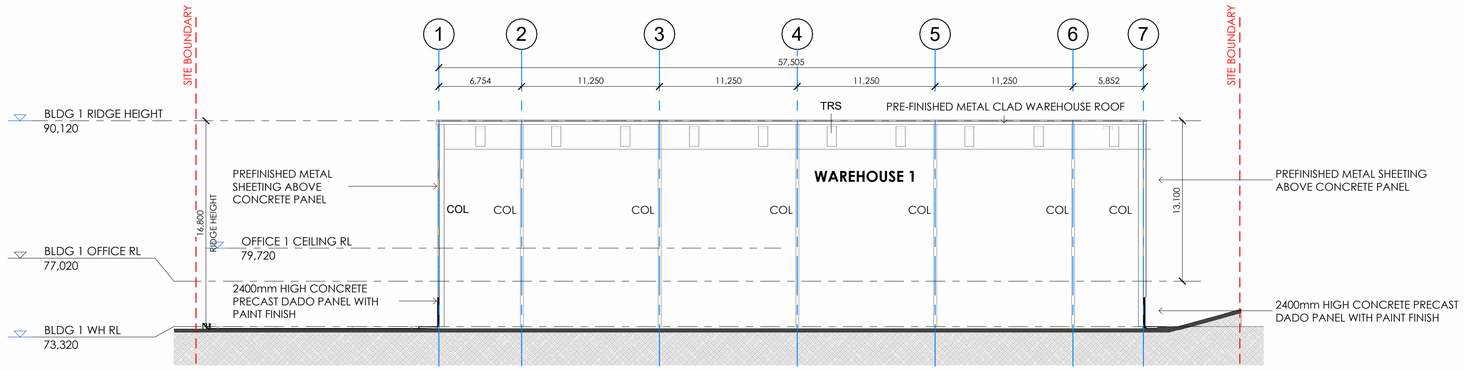
scale: As indicated A1
project no: 220207
date: 23.06.23
dwn: MO
dwg no: 220207 - DA-121
issue: A

| Keynote Legend - General | |
|---|---|
| COL | STEEL COLUMN TO CONSULTANT DETAILS |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |




## 1 BLDG 1 - LONGITUDINAL SECTION

1 : 250




## 2 BLDG 1 - CROSS SECTION

1 : 250

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Nominated Archt: Patrick Pace NSW #7815

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 1 SECTIONS

| | | |
|---|---|---|
| scale | 1 : 250 | A1 |
| project no | 220207 | |
| date | 23.06.23 | |
| dwn | MO | |
| dwg no | 220207 - DA-130 | |
| issue | A | |

# Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

LOGOS

CLIENT

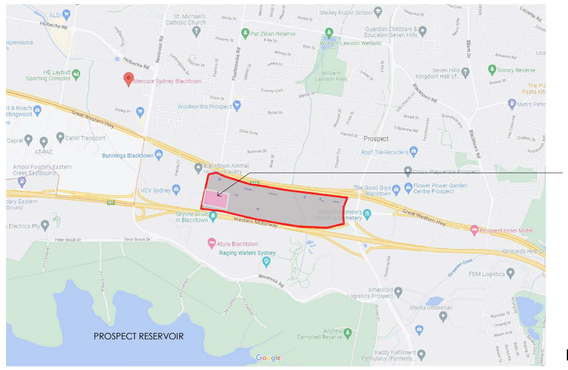
BUILDER/PROJECT MANAGER

PACE ARCHITECTS

DOCUMENTATION

## DRAWING LIST

| | | | |
|---|---|---|---|
| DA-200 | BUILDING 2 SITE & WAREHOUSE PLAN | C | 18.08.23 |
| DA-210 | BUILDING 2 OFFICE PLAN | C | 18.08.23 |
| DA-215 | BUILDING 2 ROOF PLAN | C | 18.08.23 |
| DA-220 | BUILDING 2 ELEVATIONS | C | 18.08.23 |
| DA-221 | BUILDING 2 OFFICE ELEVATIONS | C | 18.08.23 |
| DA-230 | BUILDING 2 SECTIONS | C | 18.08.23 |




LOT 2 INDUSTRIAL DEVELOPMENT

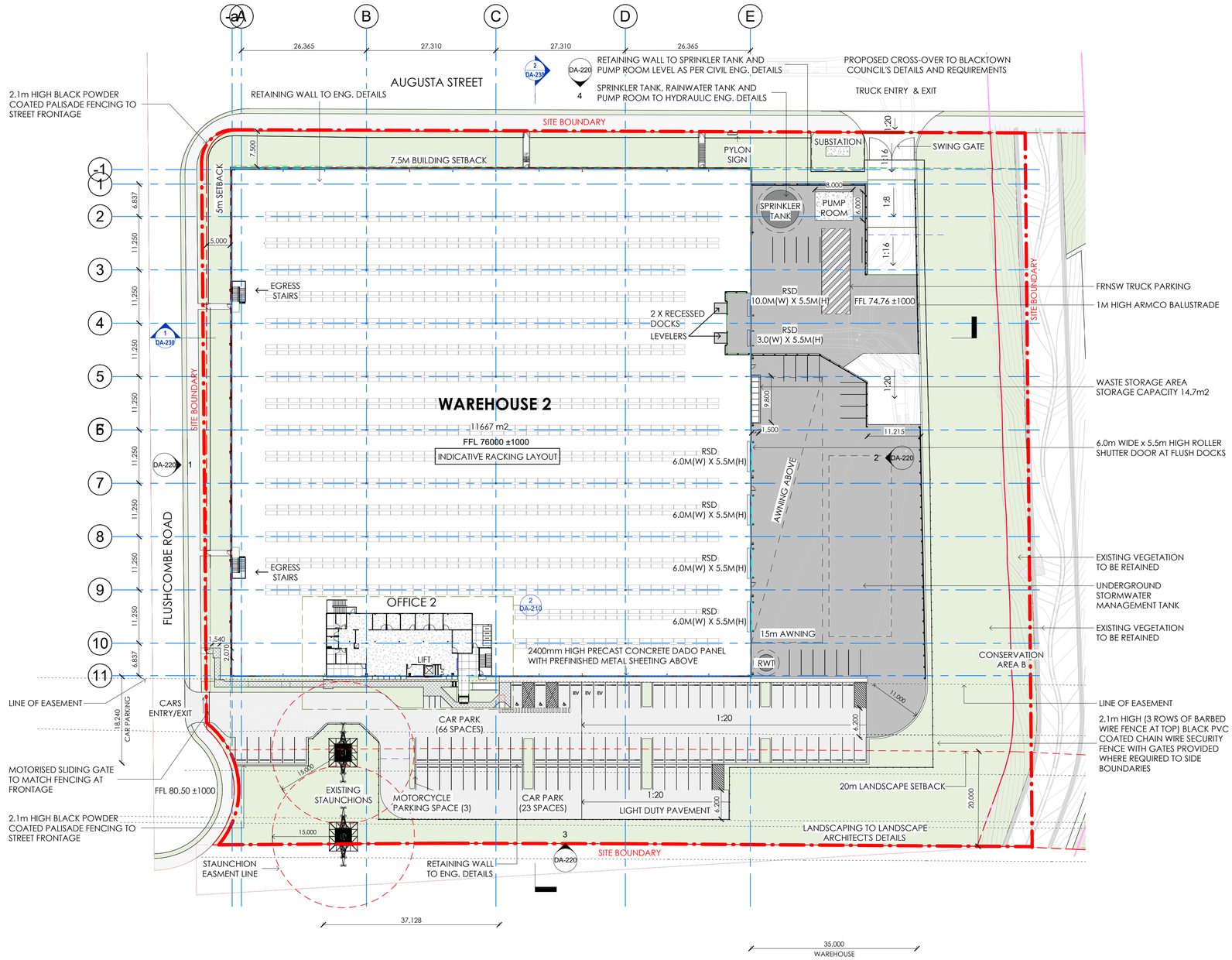
INDUSTRIAL ESTATE CONCEPT MASTERPLAN




SITE LOCATION




3D IMPRESSION




## 1 BUILDING 2- SITE & WAREHOUSE PLAN

1 : 500

| COLOR LEGEND | |
|---|---|
| 1 | HEAVY DUTY PAVEMENT |
| 2 | LIGHT DUTY PAVEMENT |
| 3 | LANDSCAPE |
| 4 | PEDESTRIAN PATHWAY |
| 5 | WAREHOUSE |
| 6 | TURF CELL |

### DEVELOPMENT SUMMARY (BLDG2) - GFA

| Name | Area |
|---|---|
| OFFICE 2 | 363 m² |
| WAREHOUSE 2 | 11668 m² |
| Grand total | 12031 m² |
| AWNING 10M (BLDG 2) | 834 m² |
| HEAVY DUTY PAVEMENT (BLDG 2) | 4035 m² |
| LIGHT DUTY PAVEMENT (BLDG 2) | 2789 m² |

### PROVIDED PARKING SCHEDULE (BLDG2)

| Family | Type | Count |
|---|---|---|
| PK-CP1 | 5400 x 2500 - 90 deg | 83 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 3 |
| PK-CP2 | 5400 x 2500 - (Backup) | 17 |
| PK-CP7 | 5400 x 2500 - EV CAR | 3 |
| Grand total | | 106 |
| CAR PARK REQUIRED | | 106 |

### PROVIDED MOTORCYCLE PARKING (BLDG2)

| Family | Type | Count |
|---|---|---|
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 3 |
| Grand total | | 3 |
| MOTORCYCLE PARK REQUIRED | | 3 |

NOTE 1:
METHOD OF MEASUREMENT OF **GFA (GROSS FLOOR AREA)** IS AS FOLLOW:
- MEASURED FROM INTERNAL FACE OF EXTERNAL WALLS.
- INCLUDED MEZZANINES AND ANY HABITABLE ROOMS IN THE BASEMENTS
-VERTICAL CIRCULATION SUCH AS LIFTS AND STAIRS:
EXCLUDED - IF SHARED BETWEEN TENANCIES
INCLUDED - IF EXCLUSIVE FOR ONE TENANT
- EXCLUDED BASEMENTS UNLESS THEY ARE HABITABLE ROOM
- EXCLUDE GARBAGE AREAS, SPACES USED EXCLUSIVELY FOR SERVICE SUCH AS DUCTING, PLANT ROOMS, LIFT MOTOR ROOMS AND CAR PARKING
- TERRACES AND BALCONIES:
EXCLUDED - IF OUTER WALL IS LESS THEN 1.4m HIGH
INCLUDED - IF OUTER WALL IS MORE THEN 1.4m HIGH
- EXCLUDED VOIDS AT ANY LEVEL THEY OCCUR

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

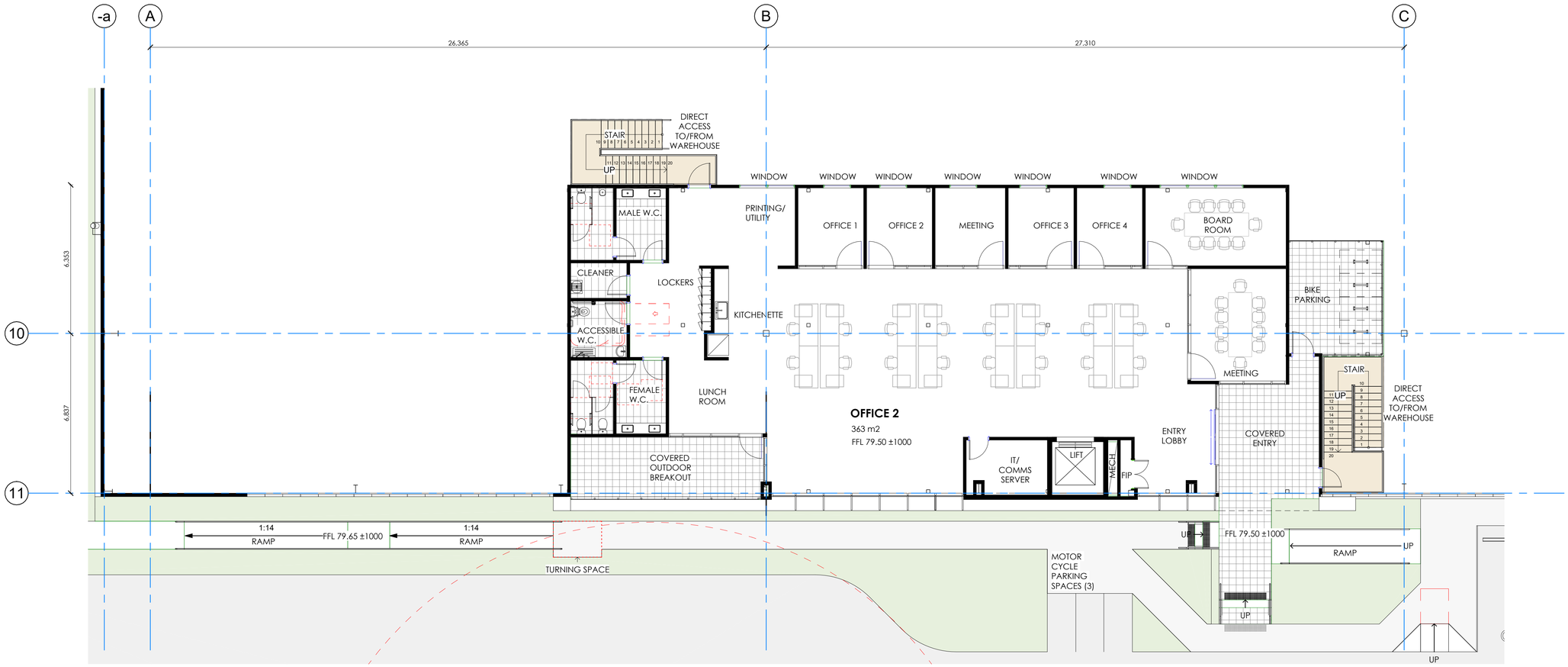
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BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE 1:500

purpose: FOR APPROVAL

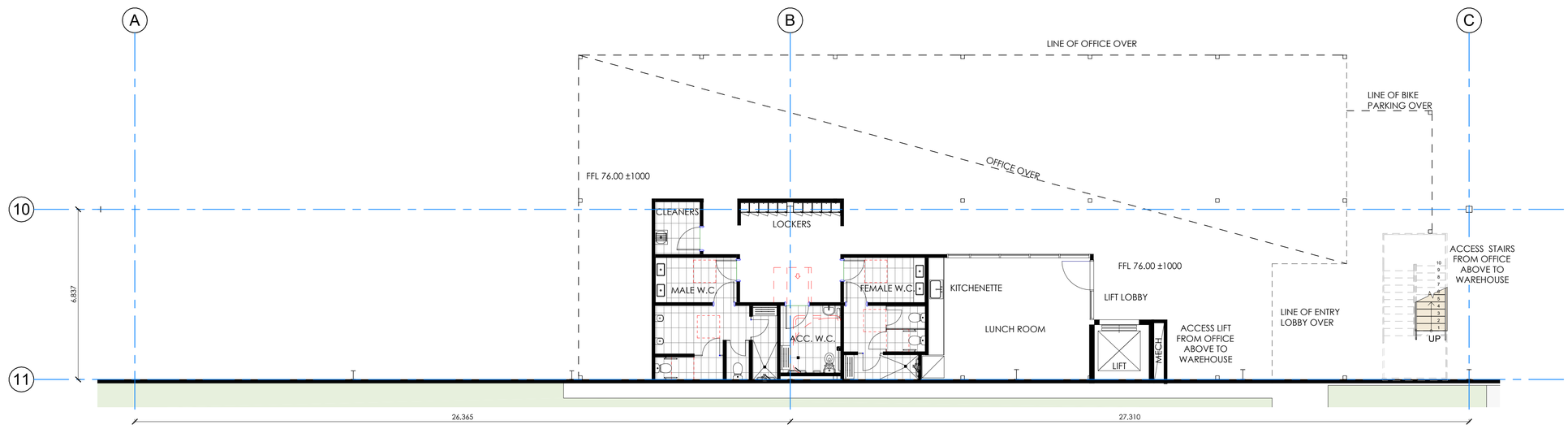
BUILDING 2 SITE & WAREHOUSE PLAN

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-200 | |
| issue | C | |




## 1 BLDG 2 OFFICE FLOOR RL

1 : 100




## 2 BLDG2 WAREHOUSE GROUND FLOOR

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

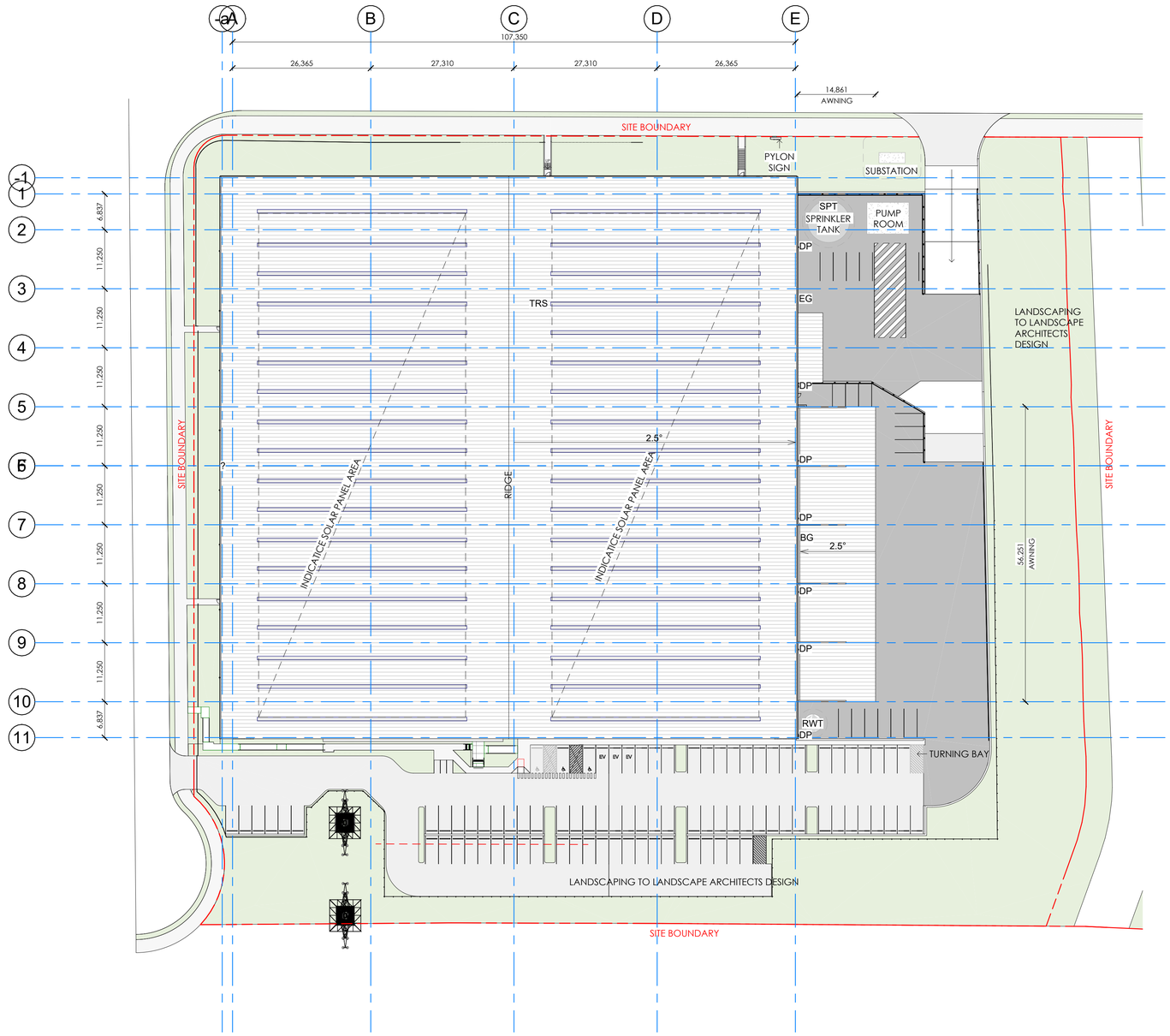
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 2 OFFICE PLAN

| | | |
|---|---|---|
| scale | 1 : 100 | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | MO | |
| dwg no | 220207 - DA-210 | |
| issue | C | |

| Keynote Legend - General | |
|---|---|
| BG | BOX GUTTER IN MONUMENT SIZE TBC - REFER TO CONSULTANT DETAIL |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| SPT | SPRINKLER TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |




## 1 BUILDING 2 - ROOF PLAN

1 : 500

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Nominated Archit: Patrick Pace NSW #7815
Member Australian Institute of Architects

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

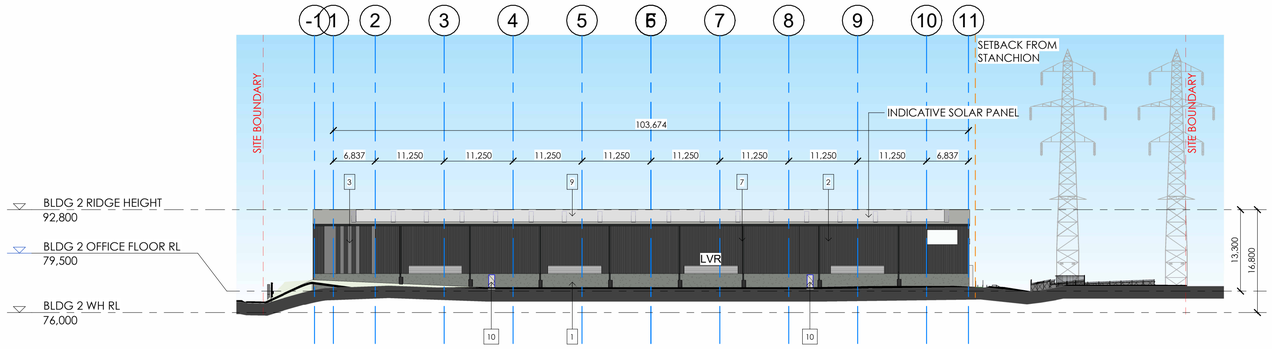
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

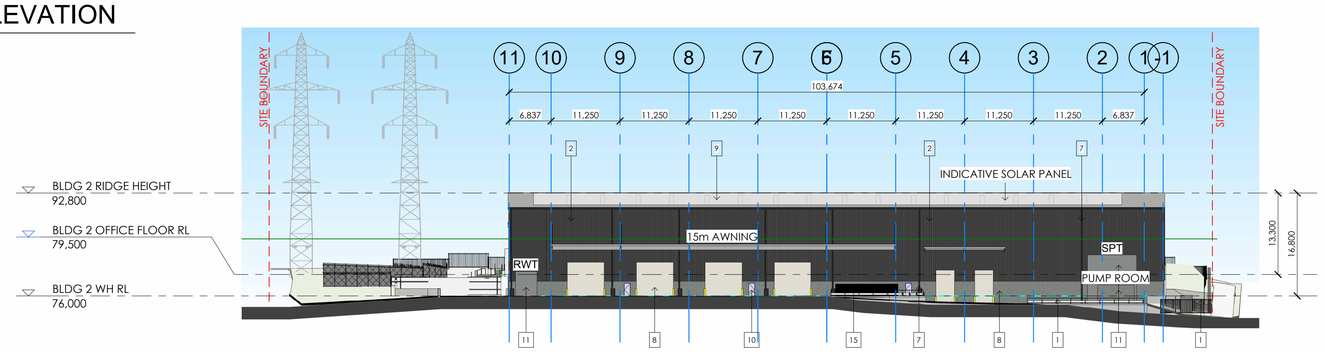
BUILDING 2 ROOF PLAN

scale 1 : 500 A1
project no 220207
date 18.08.23
dwn JA
dwg no 220207 - DA-215
issue C



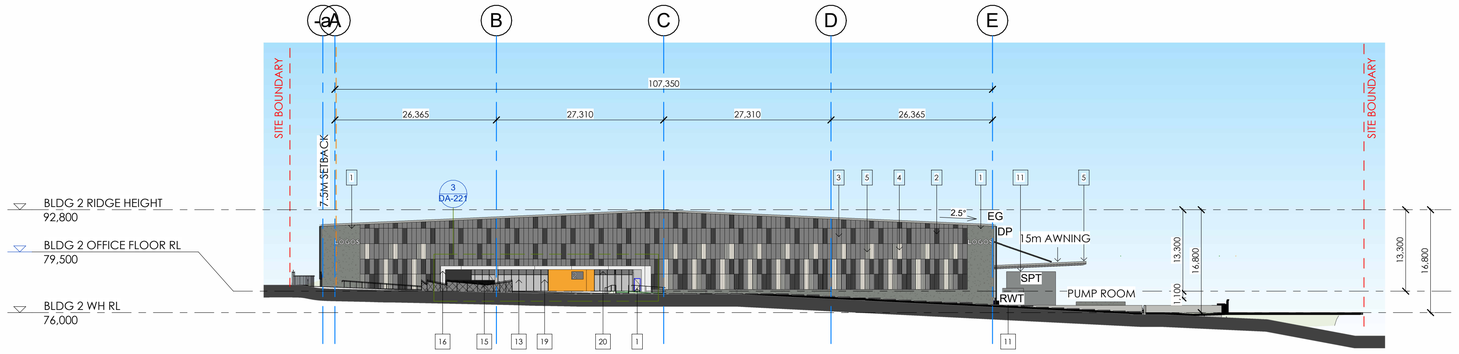

## 1 BLDG 2 - WEST ELEVATION

1 : 500



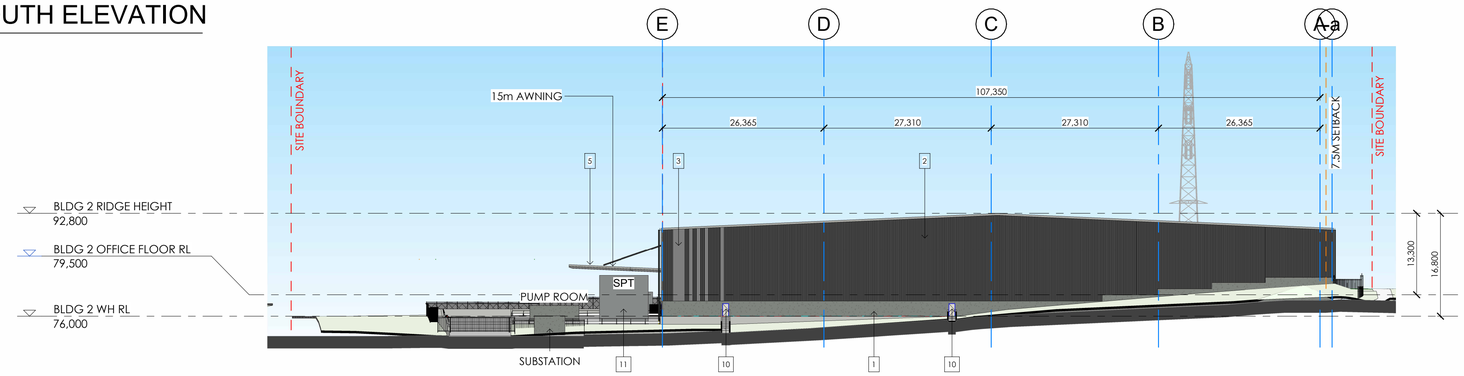

## 2 BLDG 2 - EAST ELEVATION

1 : 500




## 3 BLDG 2 - SOUTH ELEVATION

1 : 500




## 4 BLDG 2 - NORTH ELEVATION

1 : 500

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| LVR | MECHANICAL LOUVRE - TO FUTURE DETAIL |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| SPT | SPRINKLER TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

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| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

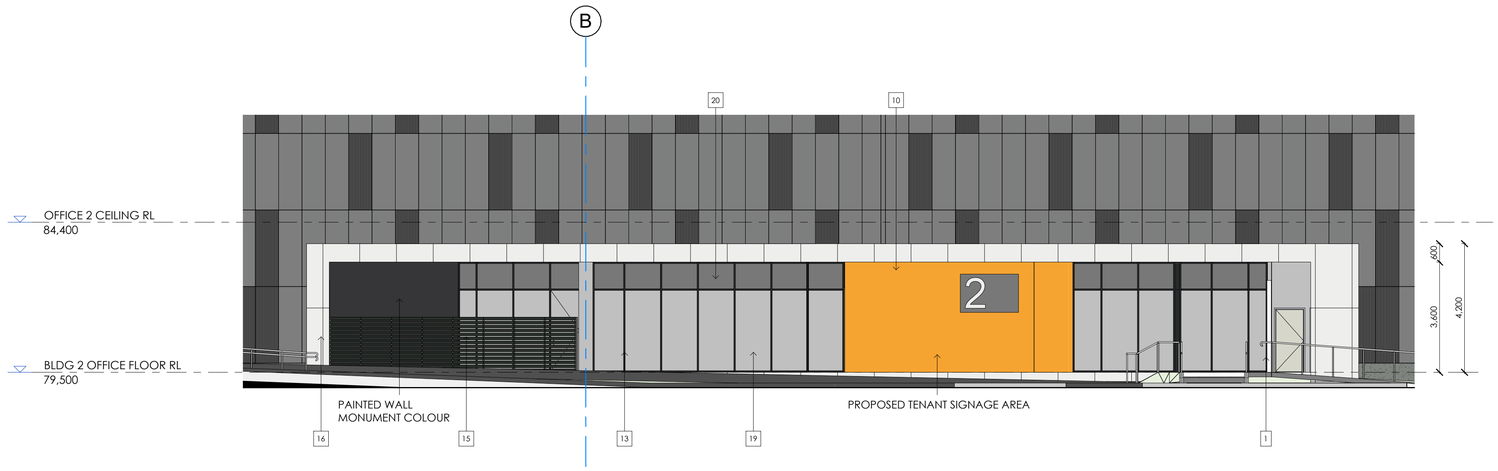
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 2 ELEVATIONS

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | WL | |
| dwg no | 220207 - DA-220 | |
| issue | C | |

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
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| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |




## 3 BLDG 2 - OFFICE SOUTH ELEVATION

1 : 100

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FOR APPROVAL

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| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

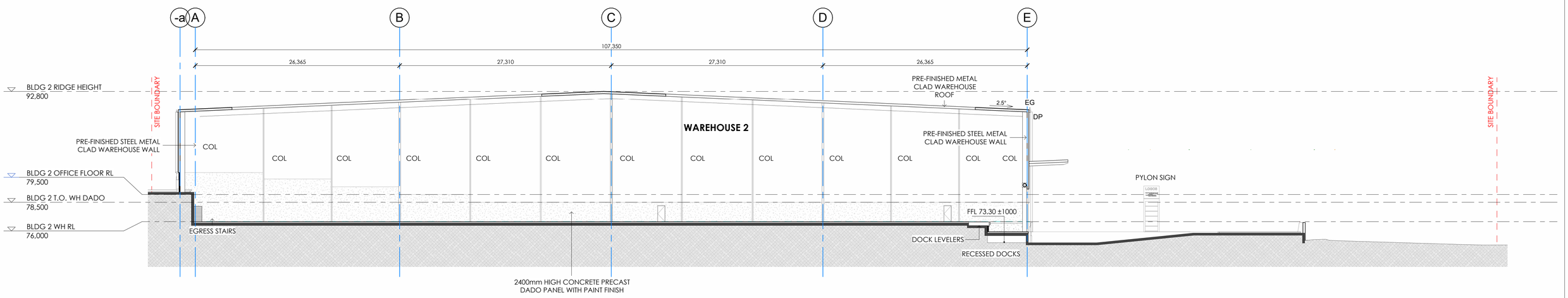
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 2 OFFICE ELEVATIONS

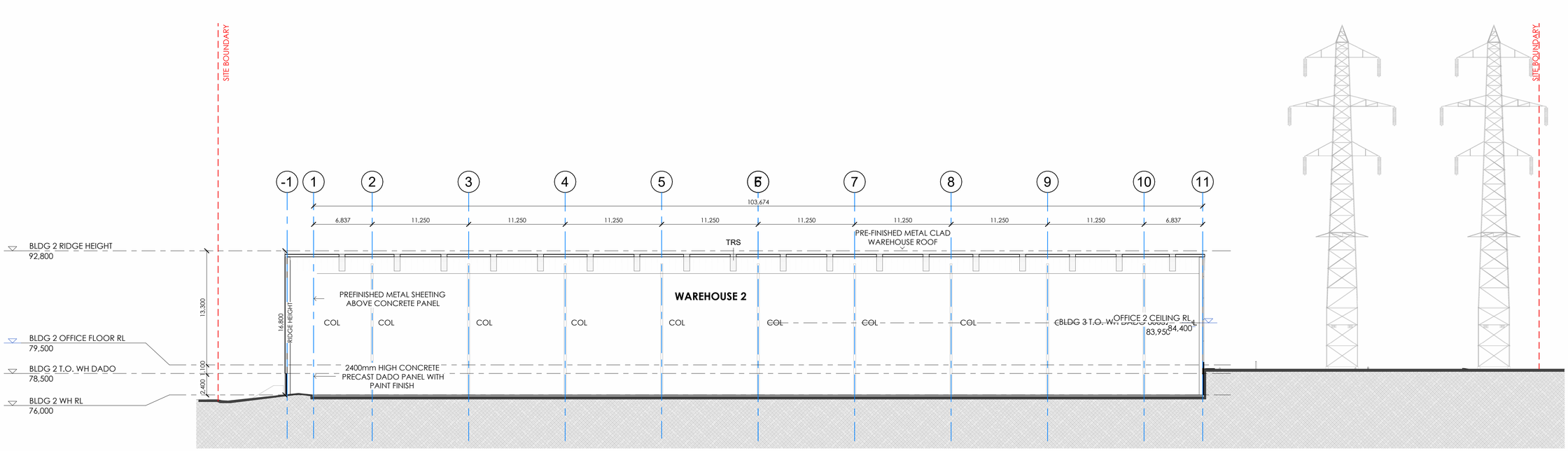
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| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-221 | |
| issue | C | |

| Keynote Legend - General | |
|---|---|
| COL | STEEL COLUMN TO CONSULTANT DETAILS |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |




## 1 BLDG 2 - CROSS SECTION

1 : 250




## 2 BLDG 2 - LONGITUDINAL SECTION

1 : 250

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Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

FOR APPROVAL

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 2 SECTIONS

| | | |
|---|---|---|
| scale | 1 : 250 | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | MO | |
| dwg no | 220207 - DA-230 | |
| issue | C | |

# Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

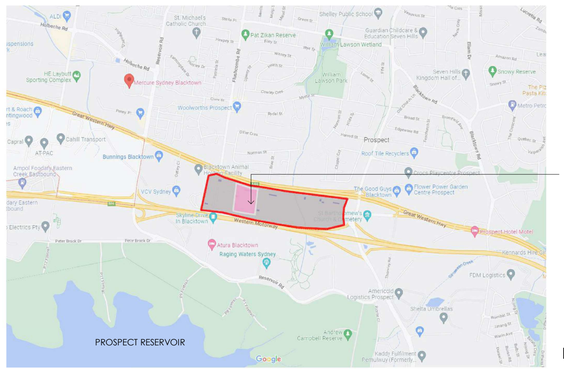
LOGOS

CLIENT

BUILDER/PROJECT MANAGER

PACE ARCHITECTS

DOCUMENTATION




LOT 3 INDUSTRIAL DEVELOPMENT

INDUSTRIAL ESTATE CONCEPT MASTERPLAN



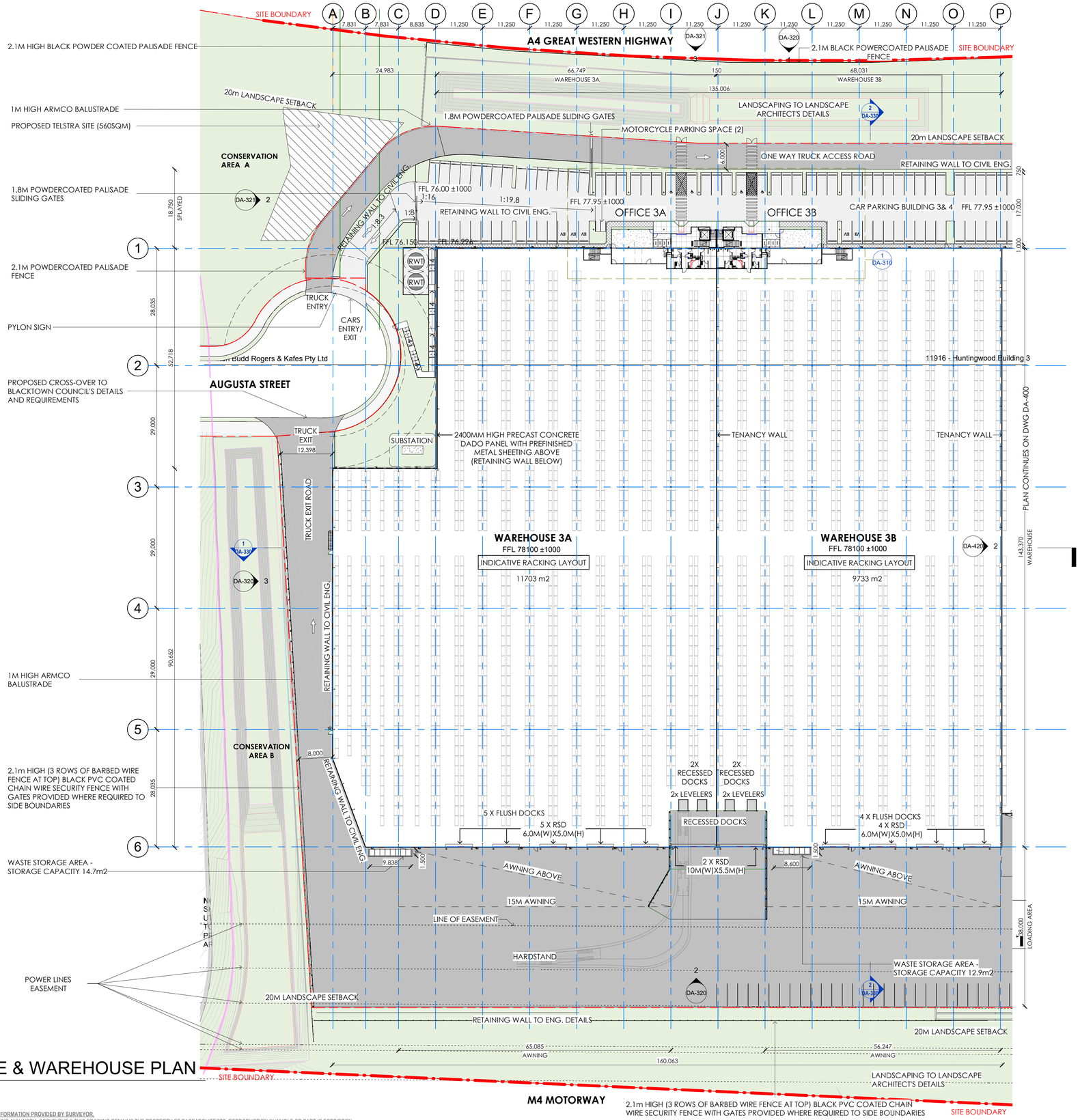

SITE LOCATION

## DRAWING LIST

| | | | |
|---|---|---|---|
| DA-300 | BUILDING 3 SITE & WAREHOUSE PLAN | C | 18.08.23 |
| DA-310 | BUILDING 3 OFFICES 3A & 3B PLANS | C | 18.08.23 |
| DA-315 | BUILDING 3 ROOF PLAN | C | 18.08.23 |
| DA-320 | BUILDING 3 ELEVATIONS | C | 18.08.23 |
| DA-321 | BUILDING 3 OFFICE ELEVATIONS | C | 18.08.23 |
| DA-330 | BUILDING 3 SECTIONS | C | 18.08.23 |




3D IMPRESSION




1 BUILDING 3 - SITE & WAREHOUSE PLAN

1 : 500

| COLOR LEGEND | | |
|---|---|---|
| 1 | | HEAVY DUTY PAVEMENT |
| 2 | | LIGHT DUTY PAVEMENT |
| 3 | | LANDSCAPE |
| 4 | | PEDESTRIAN PATHWAY |
| 5 | | WAREHOUSE |
| 6 | | TURF CELL |

## DEVELOPMENT SUMMARY (BLDG3&4) - GFA

| Name | Area |
|---|---|
| OFFICE 3A | 441 m² |
| OFFICE 3A LOBBY | 42 m² |
| OFFICE 3B | 439 m² |
| OFFICE 3B LOBBY | 42 m² |
| OFFICE 4A | 441 m² |
| OFFICE 4A LOBBY | 42 m² |
| OFFICE 4B | 441 m² |
| OFFICE 4B LOBBY | 42 m² |
| OFFICE 4C | 415 m² |
| OFFICE 4C LOBBY | 66 m² |
| WAREHOUSE 3A | 11703 m² |
| WAREHOUSE 3B | 9733 m² |
| WAREHOUSE 4A | 9093 m² |
| WAREHOUSE 4B | 9088 m² |
| WAREHOUSE 4C | 9838 m² |
| Grand total | 51866 m² |

| | |
|---|---|
| AWNING 5M (BLDG 4) | 56 m² |
| AWNING 15M (BLDG 3) | 1834 m² |
| AWNING 15M (BLDG 4) | 2183 m² |
| HEAVY DUTY PAVEMENT (BLDG 3&4) | 24523 m² |
| LIGHT DUTY PAVEMENT (BLDG 3&4) | 8202 m² |

## PROVIDED PARKING SCHEDULE (BLDG3&4)

| Family | Type | Count |
|---|---|---|
| PK-CP1 | 5400 x 2500 - 90 deg | 211 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 10 |
| PK-CP2 | 5400 x 2500 - (Backup) | 113 |
| PK-CP7 | 5400 x 2500 - EV CAR | 12 |
| Grand total | | 346 |
| TOTAL CAR PARK REQUIRED BUILDING 3&4 | | 346 |

## PROVIDED MOTORCYCLE PARKING (BLDG3&4)

| Family | Type | Count |
|---|---|---|
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 7 |
| Grand total | | 7 |

NOTE 1:
METHOD OF MEASUREMENT OF **GFA (GROSS FLOOR AREA)** IS AS FOLLOW:
- MEASURED FROM INTERNAL FACE OF EXTERNAL WALLS.
- INCLUDED MEZZANINES AND ANY HABITABLE ROOMS IN THE BASEMENTS
-VERTICAL CIRCULATION SUCH AS LIFTS AND STAIRS:
EXCLUDED - IF SHARED BETWEEN TENANCIES
INCLUDED - IF EXCLUSIVE FOR ONE TENANT
- EXCLUDED BASEMENTS UNLESS THEY ARE HABITABLE ROOM
- EXCLUDE GARBAGE AREAS, SPACES USED EXCLUSIVELY FOR SERVICE SUCH AS DUCTING, PLANT ROOMS, LIFT MOTOR ROOMS AND CAR PARKING
- TERRACES AND BALCONIES:
EXCLUDED - IF OUTER WALL IS LESS THEN 1.4m HIGH
INCLUDED - IF OUTER WALL IS MORE THEN 1.4m HIGH
- EXCLUDED VOIDS AT ANY LEVEL THEY OCCUR

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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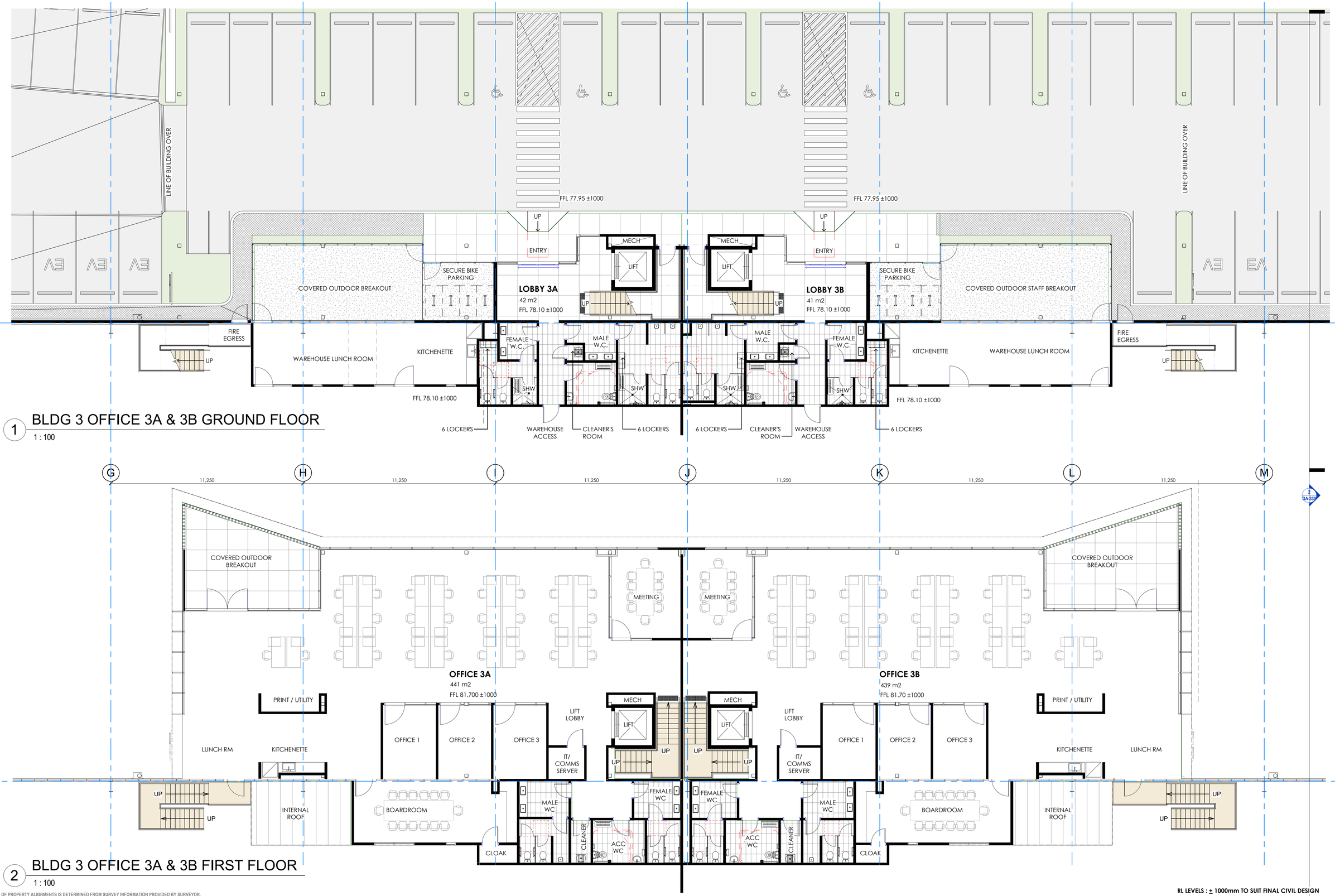
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE 1:500

purpose: FOR APPROVAL

BUILDING 3 SITE & WAREHOUSE PLAN

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-300 | |
| issue | C | |




1 BLDG 3 OFFICE 3A & 3B GROUND FLOOR

1 : 100

2 BLDG 3 OFFICE 3A & 3B FIRST FLOOR

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 3 OFFICES 3A & 3B PLANS

scale 1 : 100 A1

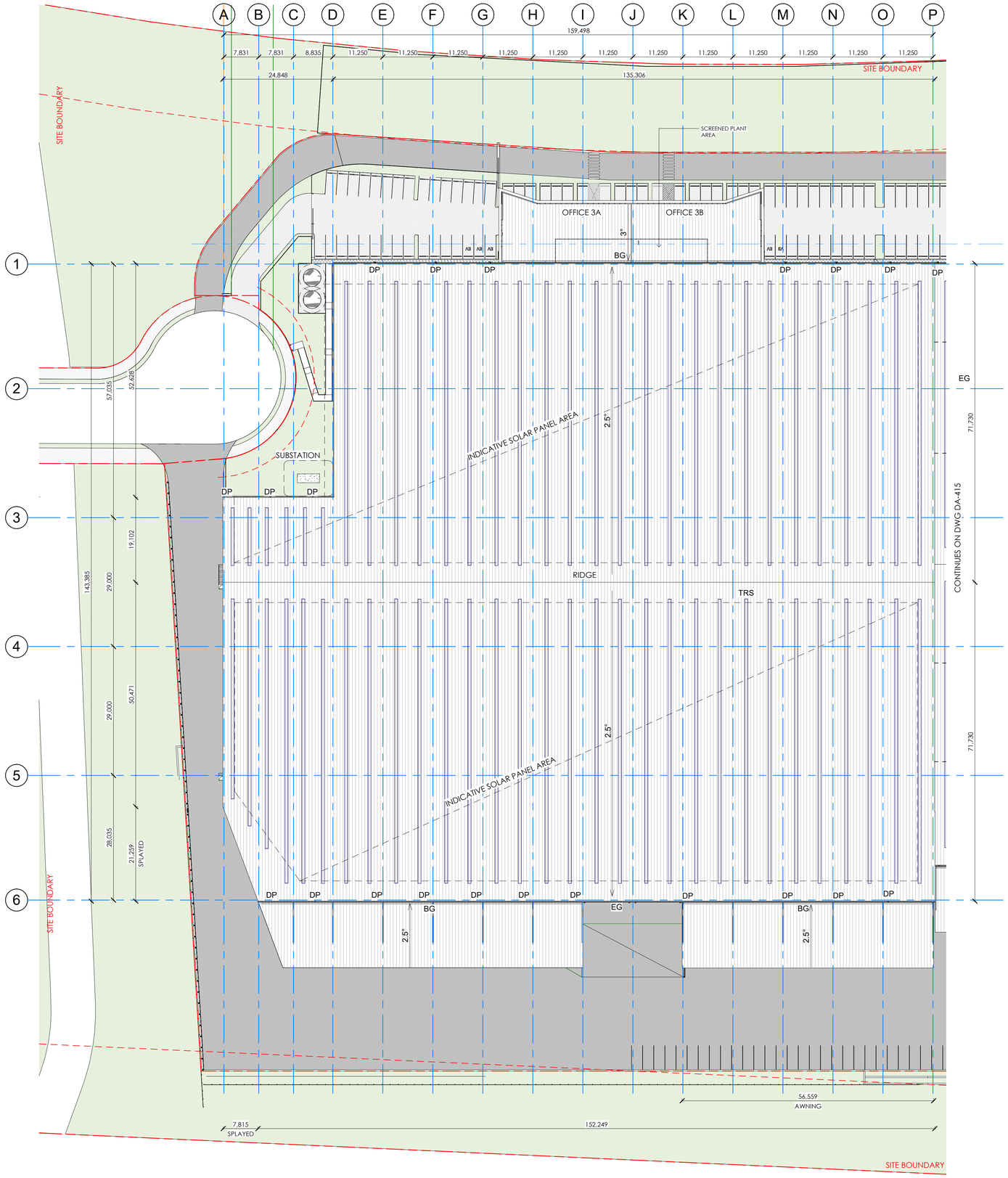
project no 220207

date 18.08.23

dwn BH

dwg no 220207 - DA-310

issue C




## Keynote Legend - General

| | |
|---|---|
| BG | BOX GUTTER IN MONUMENT SIZE TBC - REFER TO CONSULTANT DETAIL |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |

# 1 BUILDING 3 - ROOF PLAN

1 : 500

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

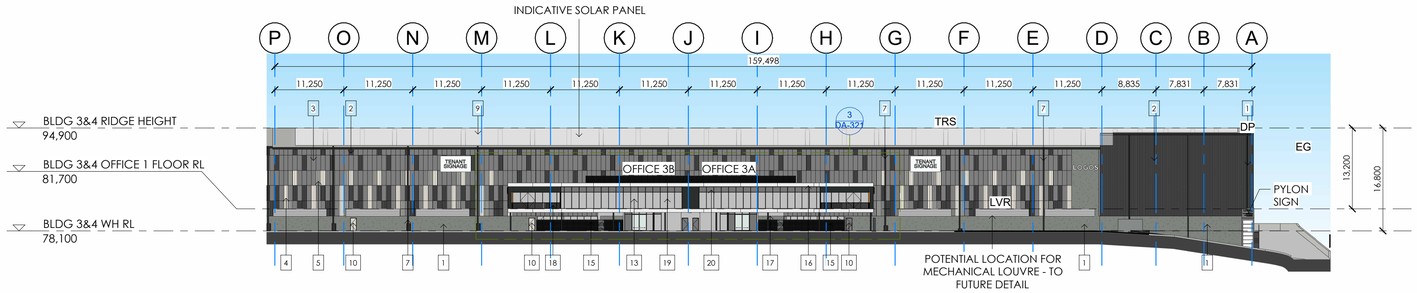
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GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

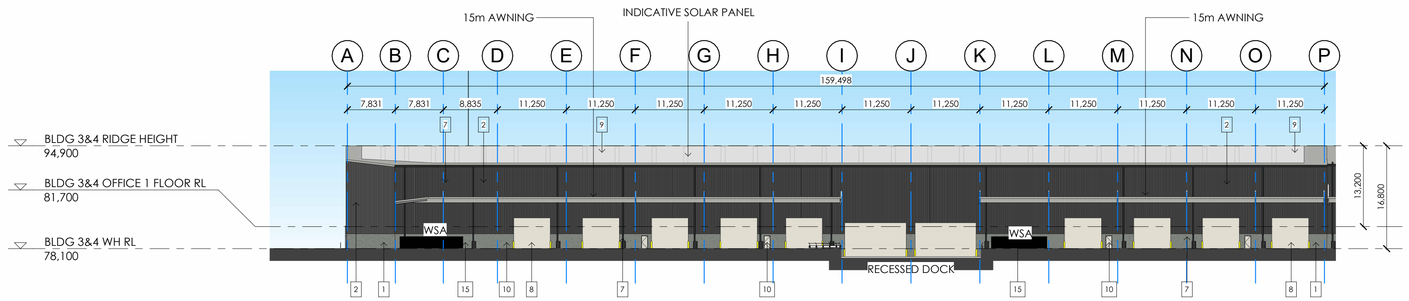
BUILDING 3 ROOF PLAN

| | | |
|---|---|---|
| scale | 1 : 500 | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | JA | |
| dwg no | 220207 - DA-315 | |
| issue | C | |



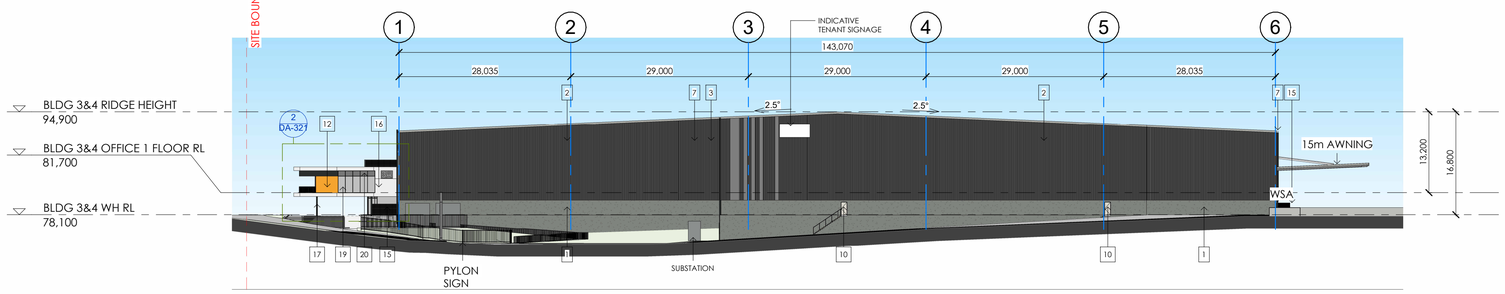

## 1 BLDG 3 NORTH ELEVATION

1 : 500



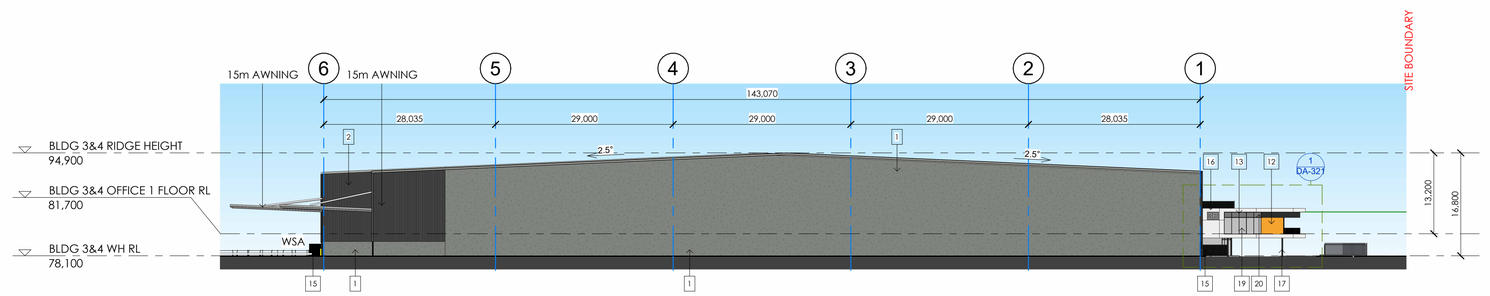

## 2 BLDG 3 - SOUTH ELEVATION

1 : 500




## 3 BLDG 3 - WEST ELEVATION

1 : 500




## 4 BLDG 3 - EAST ELEVATION

1 : 500

| WAREHOUSE EXTERNAL FINISHES | | |
|---|---|---|
| 1 | | NATURAL PRECAST CONCRETE FINISH |
| 2 | | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| OFFICE EXTERNAL FINISHES | | |
| 12 | | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | | PREFINISHED METAL - COLOUR WHITE |
| 17 | | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | | POWDERCOATED RAILINGS - MONUMENT |
| 19 | | GLAZING - GREY TINTED GLASS |
| 20 | | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| LVR | MECHANICAL LOUVRE - TO FUTURE DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |

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Nominated Archit: Patrick Pace NSW #7815

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

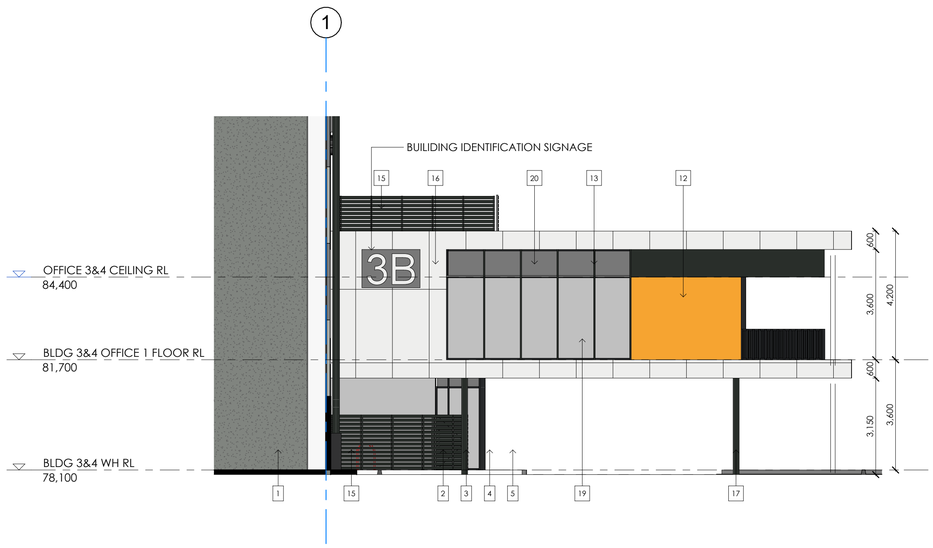
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BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

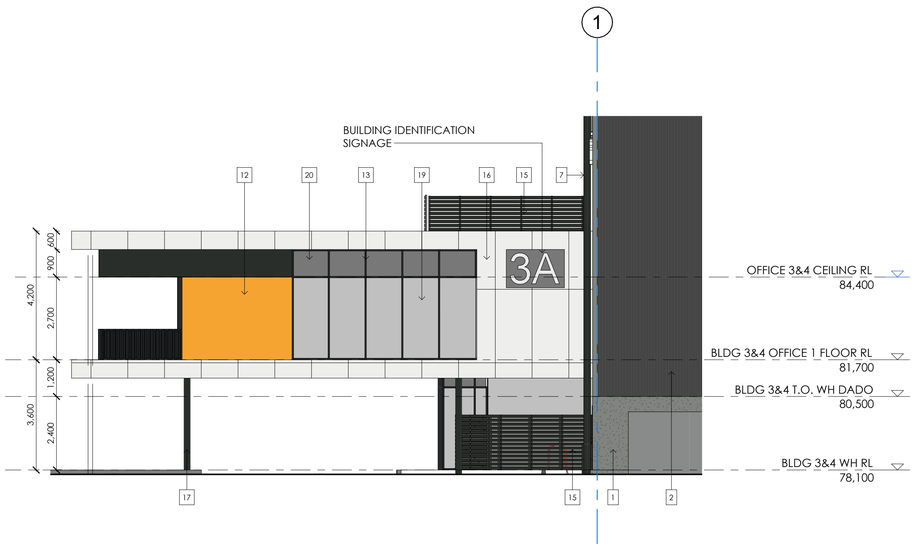
BUILDING 3 ELEVATIONS

| | | |
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| project no | 220207 | |
| date | 18.08.23 | |
| dwn | WL | |
| dwg no | 220207 - DA-320 | |
| issue | C | |




## 1 BLDG 3 - OFFICE 3B EAST ELEVATION

1 : 100




## 2 BLDG 3 - OFFICE 3A WEST ELEVATION

1 : 100

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
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| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
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| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |




## 3 BLDG 3 - OFFICE 3A & 3B NORTH ELEVATION

1 : 100

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Nominated Archit: Patrick Pace NSW #7815

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

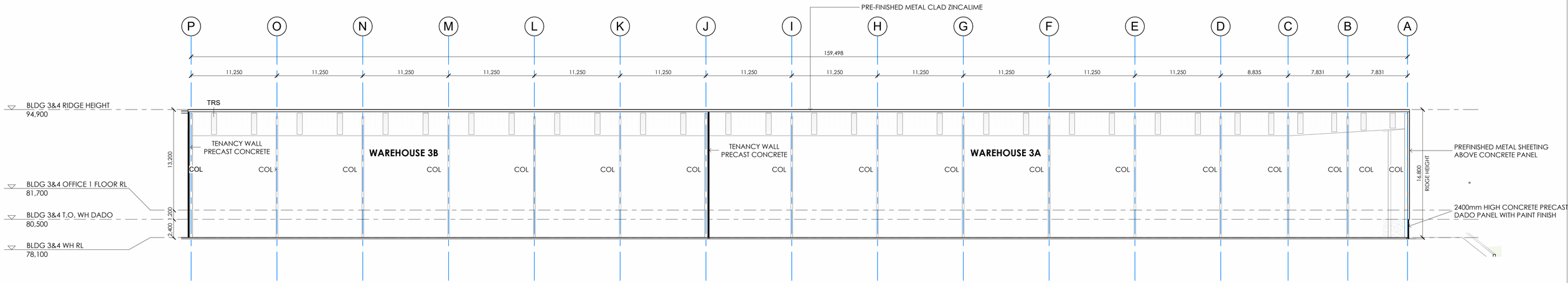
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 3 OFFICE ELEVATIONS

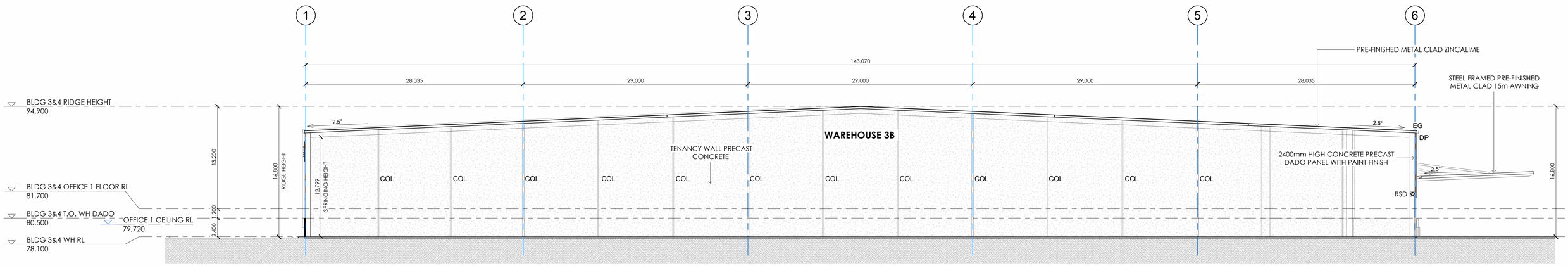
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| date | 18.08.23 | |
| dwn | DC | |
| dwg no | 220207 - DA-321 | |
| issue | C | |

| Keynote Legend - General | |
|---|---|
| COL | STEEL COLUMN TO CONSULTANT DETAILS |
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |




## 1 BLDG 3 - LONGITUDINAL SECTION

1 : 250




## 2 BLDG 3 - CROSS SECTION

1 : 250

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 3 SECTIONS

scale 1 : 250 A1
project no 220207
date 18.08.23
dwn MO
dwg no 220207 - DA-330
issue C

# Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

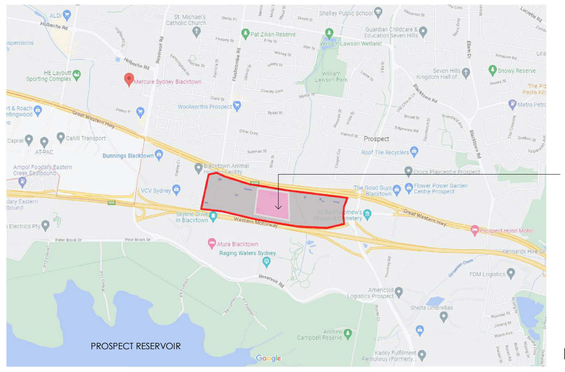
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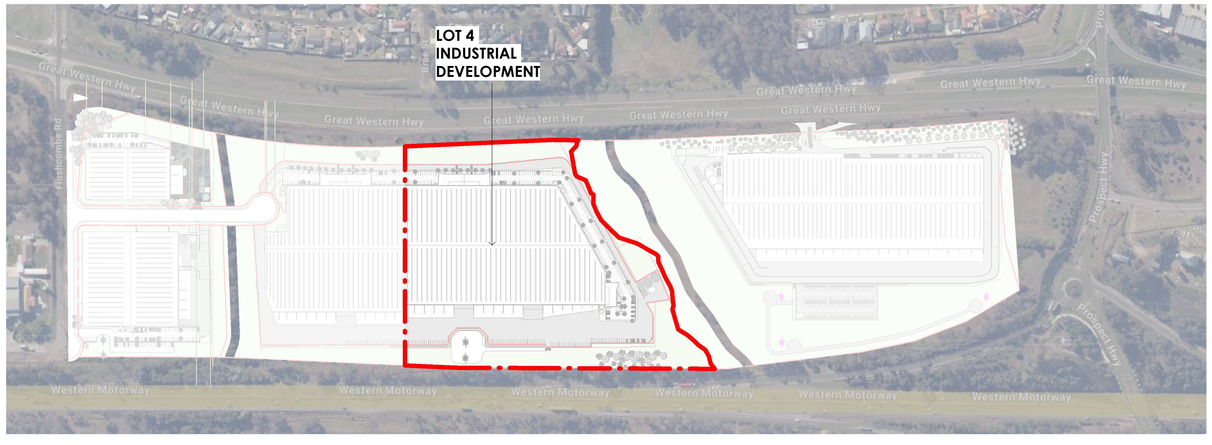
PACE ARCHITECTS

DOCUMENTATION

BUILDER/PROJECT MANAGER




INDUSTRIAL ESTATE CONCEPT MASTERPLAN



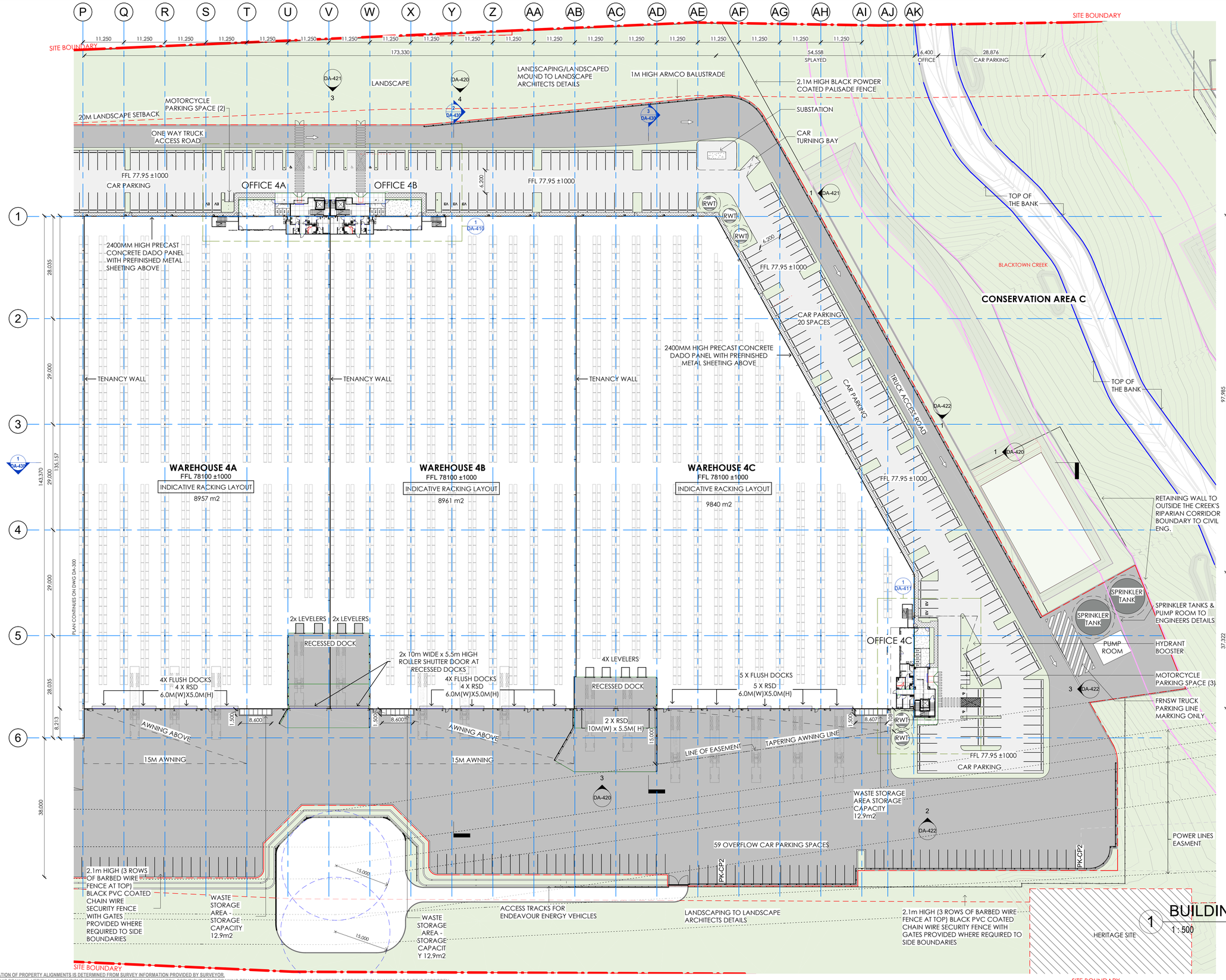

SITE LOCATION

## DRAWING LIST

| | | | |
|---|---|---|---|
| DA-400 | BUILDING 4 SITE & WAREHOUSE PLAN | C | 18.08.23 |
| DA-410 | BUILDING 4 OFFICE 4A & 4B PLANS | C | 18.08.23 |
| DA-411 | BUILDING 4 OFFICE 4C PLANS | B | 18.08.23 |
| DA-415 | BUILDING 4 ROOF PLAN | C | 18.08.23 |
| DA-420 | BUILDING 4 ELEVATIONS | C | 18.08.23 |
| DA-421 | BUILDING 4 OFFICE ELEVATIONS | C | 18.08.23 |
| DA-422 | BUILDING 4 OFFICE ELEVATIONS | B | 18.08.23 |
| DA-430 | BUILDING 4 SECTIONS | C | 18.08.23 |




3D IMPRESSION




## COLOR LEGEND

| | | |
|---|---|---|
| 1 | | HEAVY DUTY PAVEMENT |
| 2 | | LIGHT DUTY PAVEMENT |
| 3 | | LANDSCAPE |
| 4 | | PEDESTRIAN PATHWAY |
| 5 | | WAREHOUSE |
| 6 | | TURF CELL |

## DEVELOPMENT SUMMARY (BLDG3&4) - GFA

| Name | Area |
|---|---|
| OFFICE 3A | 441 m² |
| OFFICE 3A LOBBY | 42 m² |
| OFFICE 3B | 439 m² |
| OFFICE 3B LOBBY | 42 m² |
| OFFICE 4A | 441 m² |
| OFFICE 4A LOBBY | 42 m² |
| OFFICE 4B | 441 m² |
| OFFICE 4B LOBBY | 42 m² |
| OFFICE 4C | 415 m² |
| OFFICE 4C LOBBY | 66 m² |
| WAREHOUSE 3A | 11703 m² |
| WAREHOUSE 3B | 9733 m² |
| WAREHOUSE 4A | 9093 m² |
| WAREHOUSE 4B | 9088 m² |
| WAREHOUSE 4C | 9838 m² |
| Grand total | 51866 m² |

| | |
|---|---|
| AWNING 5M (BLDG 4) | 56 m² |
| AWNING 15M (BLDG 3) | 1834 m² |
| AWNING 15M (BLDG 4) | 2183 m² |
| HEAVY DUTY PAVEMENT (BLDG 3&4) | 24523 m² |
| LIGHT DUTY PAVEMENT (BLDG 3&4) | 8202 m² |

## PROVIDED PARKING SCHEDULE (BLDG3&4)

| Family | Type | Count |
|---|---|---|
| PK-CP1 | 5400 x 2500 - 90 deg | 211 |
| PK-CP3 | 5400 x 2500 - (Accessible) | 10 |
| PK-CP2 | 5400 x 2500 - (Backup) | 113 |
| PK-CP7 | 5400 x 2500 - EV CAR | 12 |
| Grand total | | 346 |

| | |
|---|---|
| TOTAL CAR PARK REQUIRED BUILDING 3&4 | 346 |

## PROVIDED MOTORCYCLE PARKING (BLDG3&4)

| Family | Type | Count |
|---|---|---|
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 7 |
| Grand total | | 7 |

NOTE 1:
METHOD OF MEASUREMENT OF **GFA (GROSS FLOOR AREA)** IS AS FOLLOW:
- MEASURED FROM INTERNAL FACE OF EXTERNAL WALLS.
- INCLUDED MEZZANINES AND ANY HABITABLE ROOMS IN THE BASEMENTS
-VERTICAL CIRCULATION SUCH AS LIFTS AND STAIRS:
  EXCLUDED - IF SHARED BETWEEN TENANCIES
  INCLUDED - IF EXCLUSIVE FOR ONE TENANT
- EXCLUDED BASEMENTS UNLESS THEY ARE HABITABLE ROOM
- EXCLUDE GARBAGE AREAS, SPACES USED EXCLUSIVELY FOR SERVICE SUCH AS DUCTING, PLANT ROOMS, LIFT MOTOR ROOMS AND CAR PARKING
- TERRACES AND BALCONIES:
  EXCLUDED - IF OUTER WALL IS LESS THEN 1.4m HIGH
  INCLUDED - IF OUTER WALL IS MORE THEN 1.4m HIGH
- EXCLUDED VOIDS AT ANY LEVEL THEY OCCUR

# BUILDING 4 - SITE & WAREHOUSE PLAN

1 : 500

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

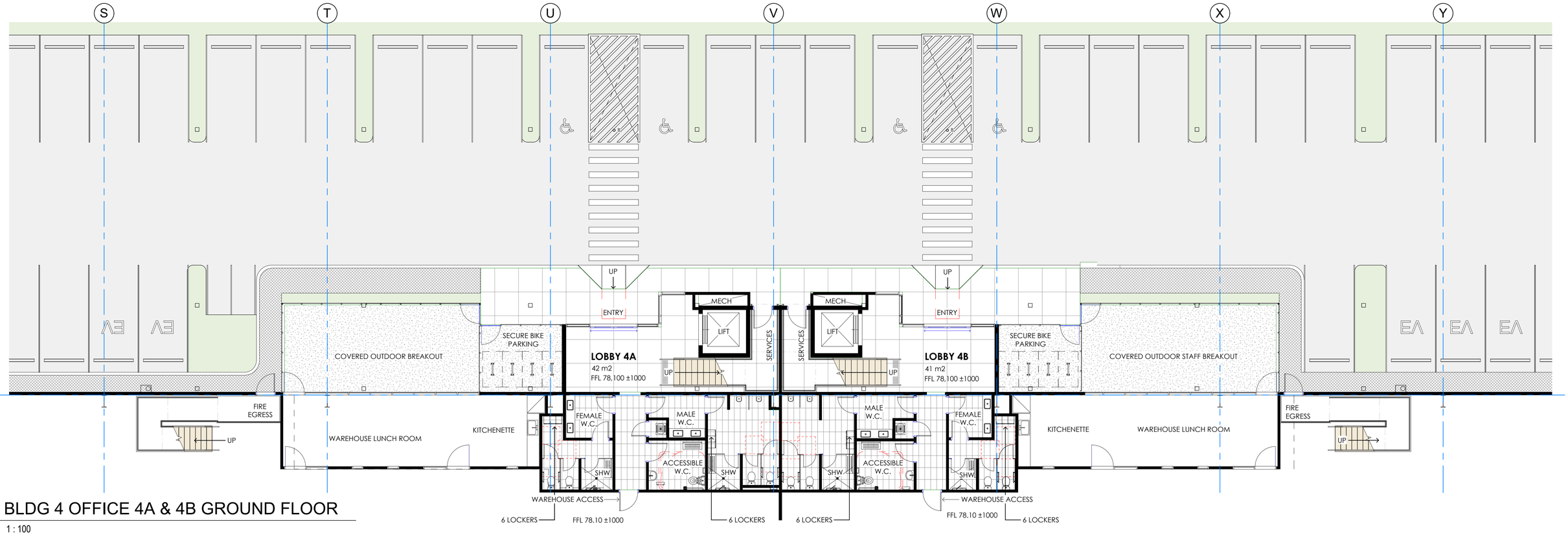
| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

SITE BOUNDARY
GRAPHIC SCALE 1:500 (0 5 10 20 30 40 50)

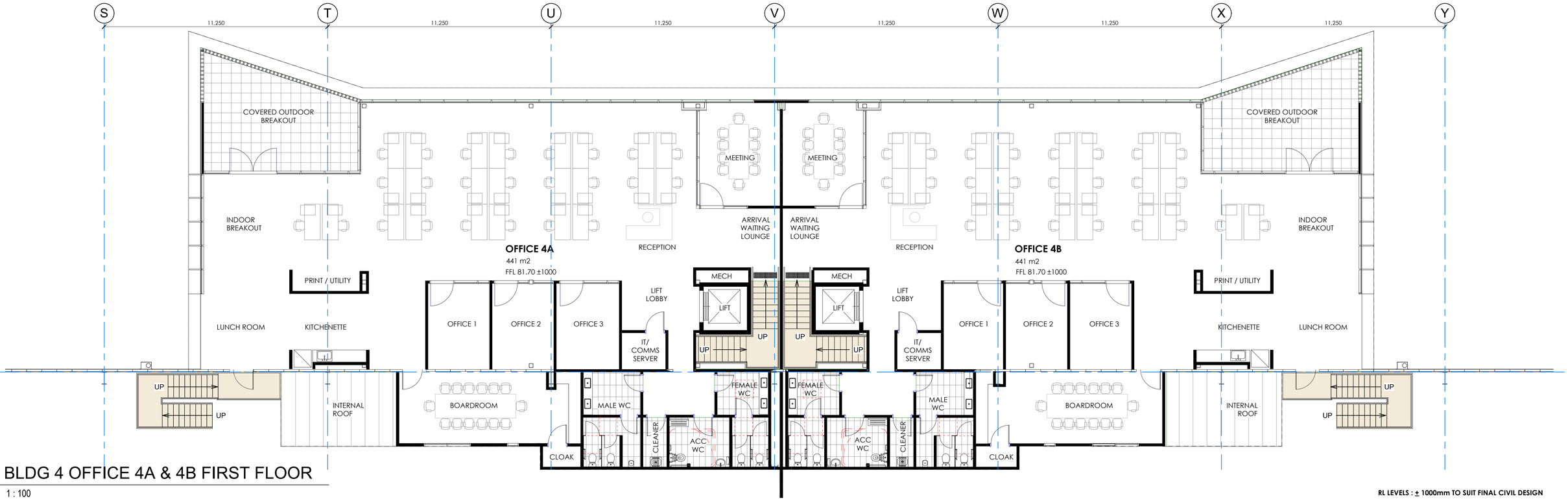
purpose: FOR APPROVAL
BUILDING 4 SITE & WAREHOUSE PLAN

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| project no | 220207 | |
| date | 18.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-400 | |
| issue | C | |




1 BLDG 4 OFFICE 4A & 4B GROUND FLOOR

1 : 100




2 BLDG 4 OFFICE 4A & 4B FIRST FLOOR

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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Augusta St, Blacktown within Blacktown

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 4 OFFICE 4A & 4B PLANS

scale 1 : 100 A1

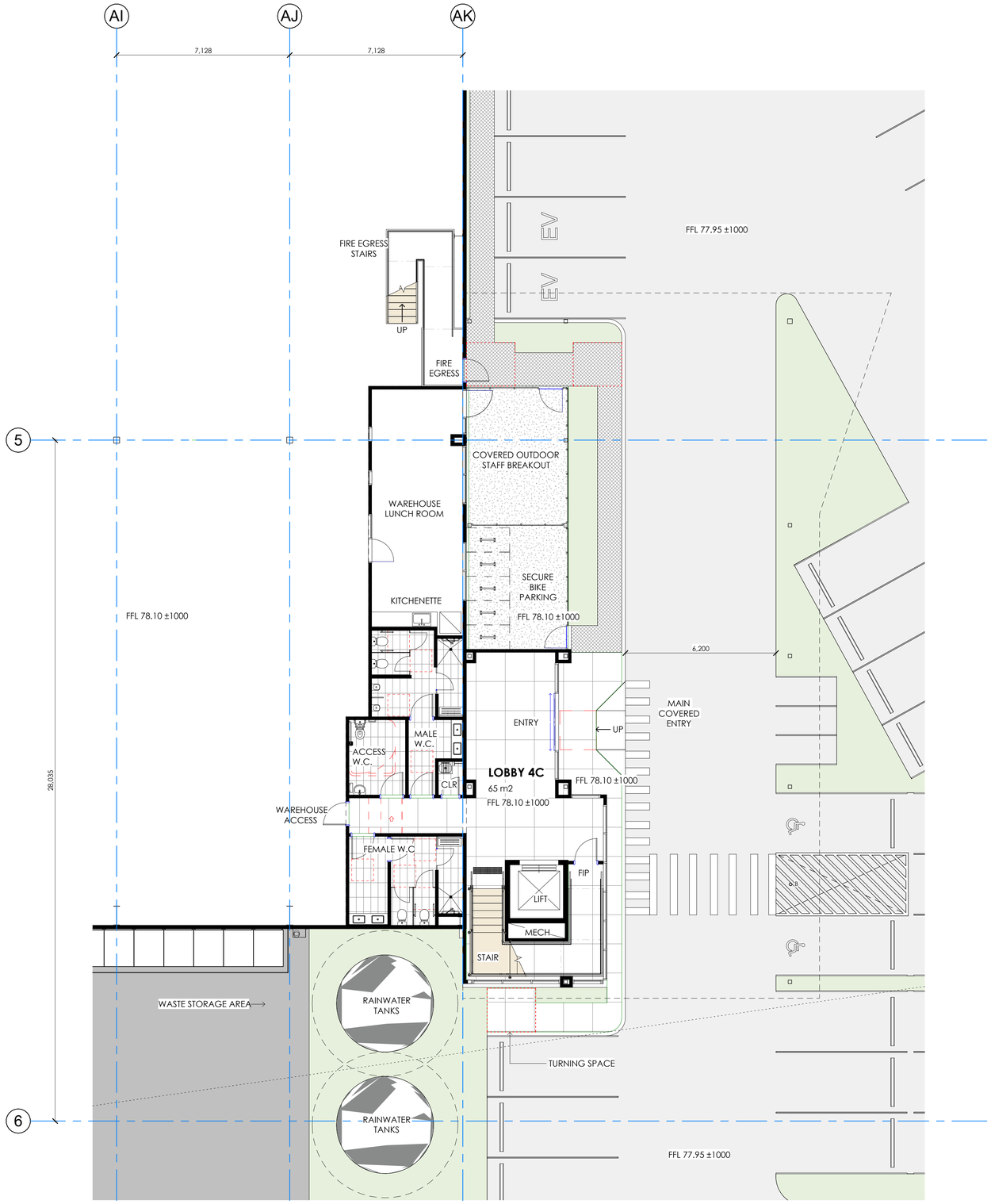
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date 18.08.23

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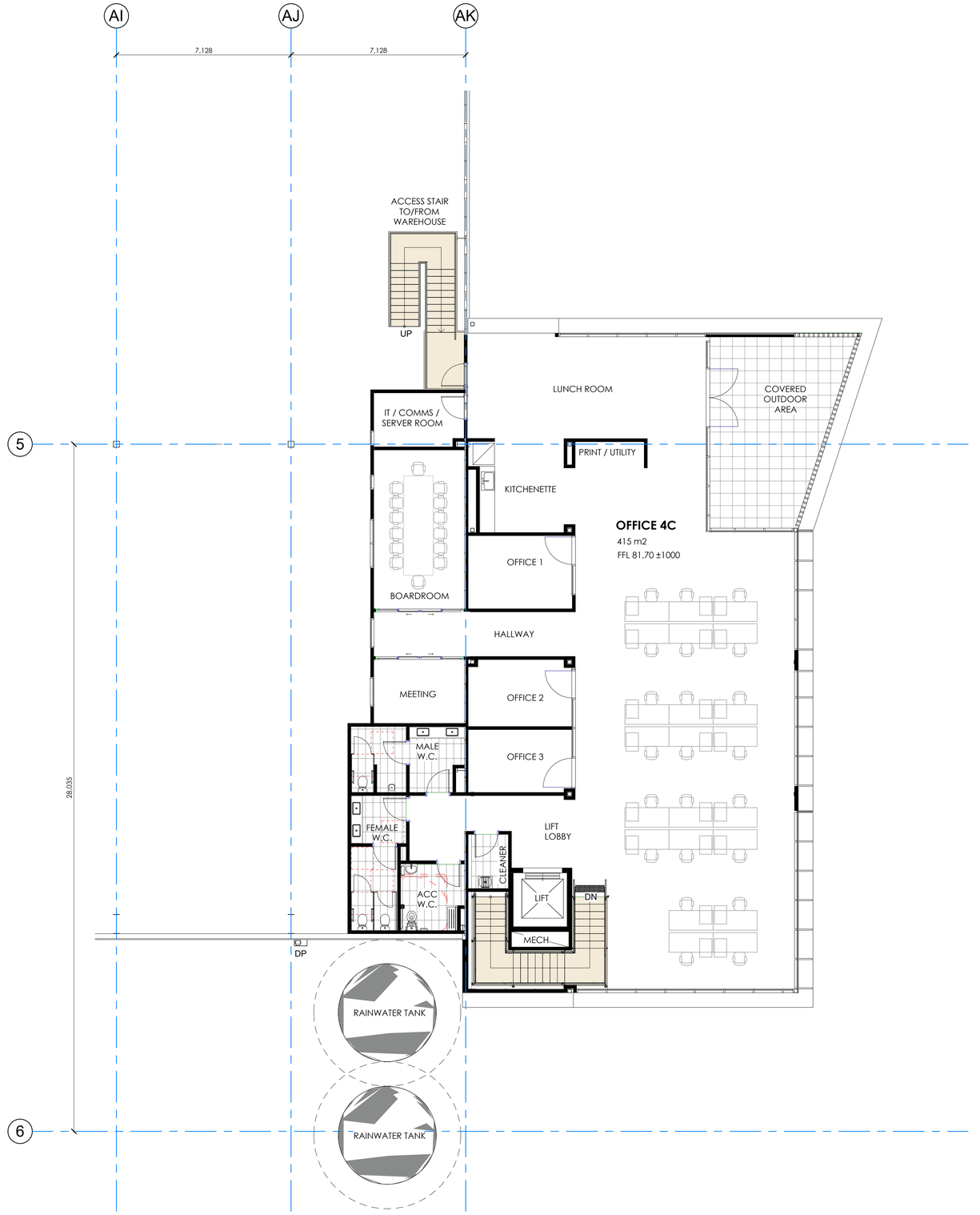
dwg no 220207 - DA-410

issue C




1 BLDG 4 OFFICE 4C GROUND FLOOR

1 : 100




2 BLDG 4 OFFICE 4C FIRST FLOOR

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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Augusta St Warehouse and Distribution Centre

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 4 OFFICE 4C PLANS

scale 1 : 100 A1

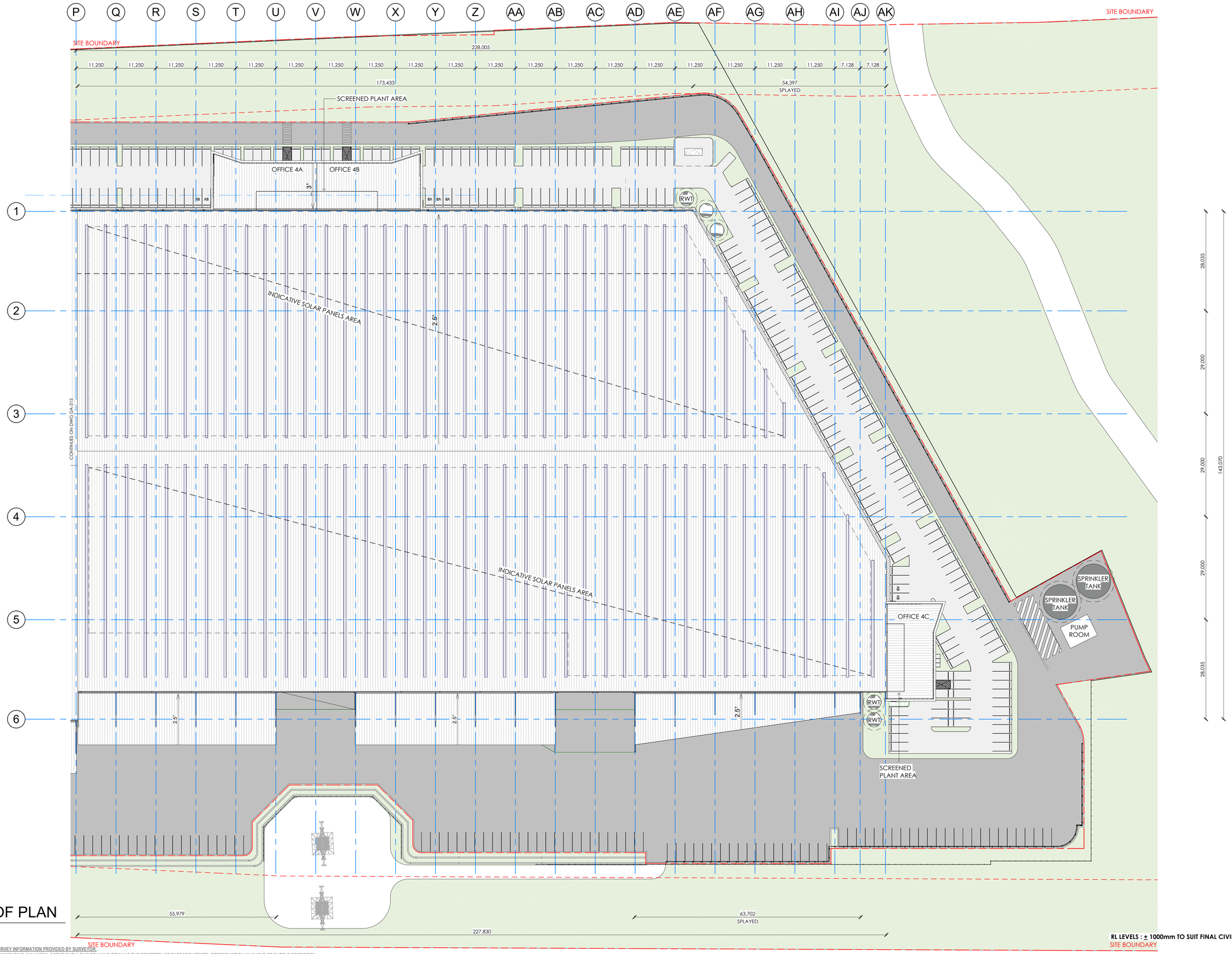
project no 220207

date 18.08.23

dwn MO

dwg no 220207 - DA-411

issue B




# 1 BUILDING 4 - ROOF PLAN

1 : 500

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

PRELIMINARY
FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
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| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT
PACE ARCHITECTS

BUILDER / PROJECT MANAGER

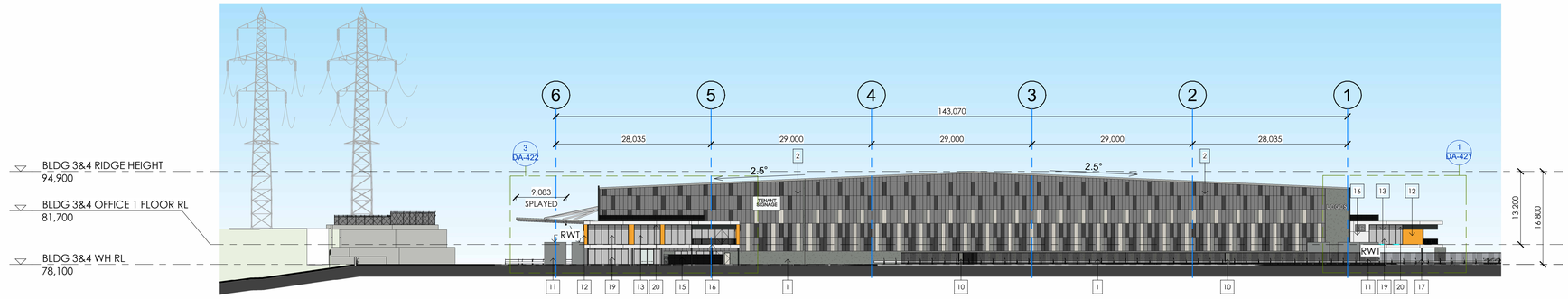
CLIENT
LOGOS

GRAPHIC SCALE: 1:100

purpose FOR APPROVAL

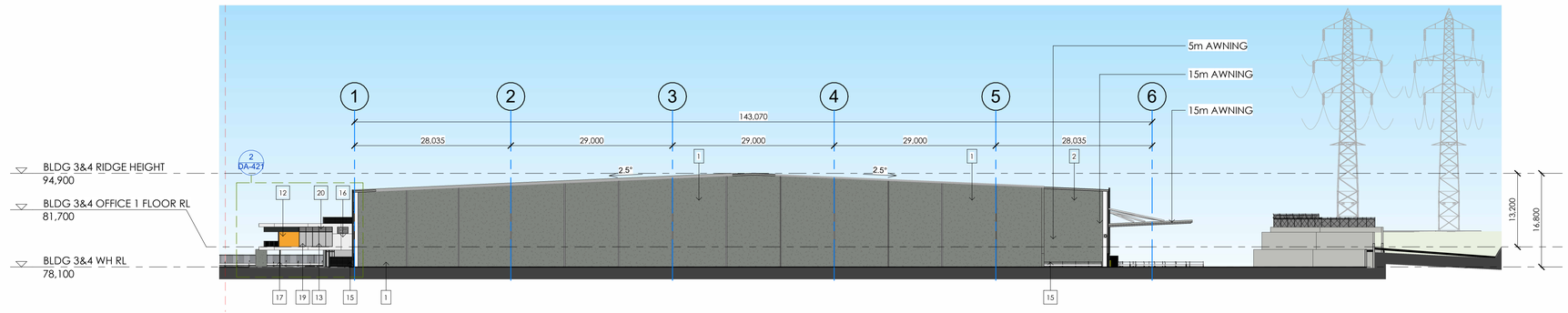
BUILDING 4 ROOF PLAN

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| date | 18.08.23 | |
| dwn | JA | |
| dwg no | 220207 - DA-415 | |
| issue | C | |



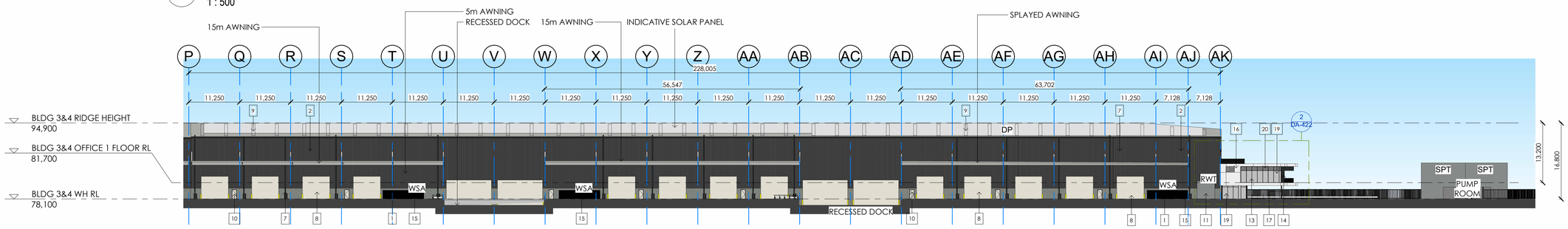

# 1 BLDG 4 - EAST ELEVATION

1 : 500



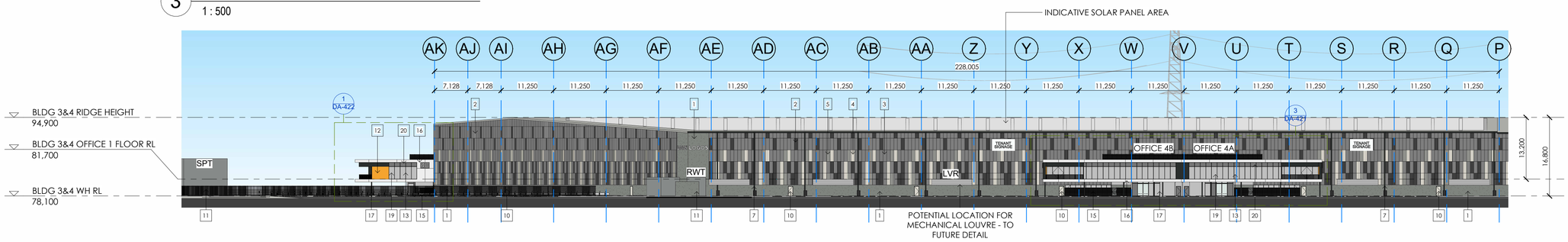

# 2 BLDG 4 - WEST ELEVATION

1 : 500




# 3 BLDG 4 - SOUTH ELEVATION

1 : 500




# 4 BLDG 4 - NORTH ELEVATION

1 : 500

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| LVR | MECHANICAL LOUVRE - TO FUTURE DETAIL |
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |
| SPT | SPRINKLER TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |

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Member Australian Institute of Architects

Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |

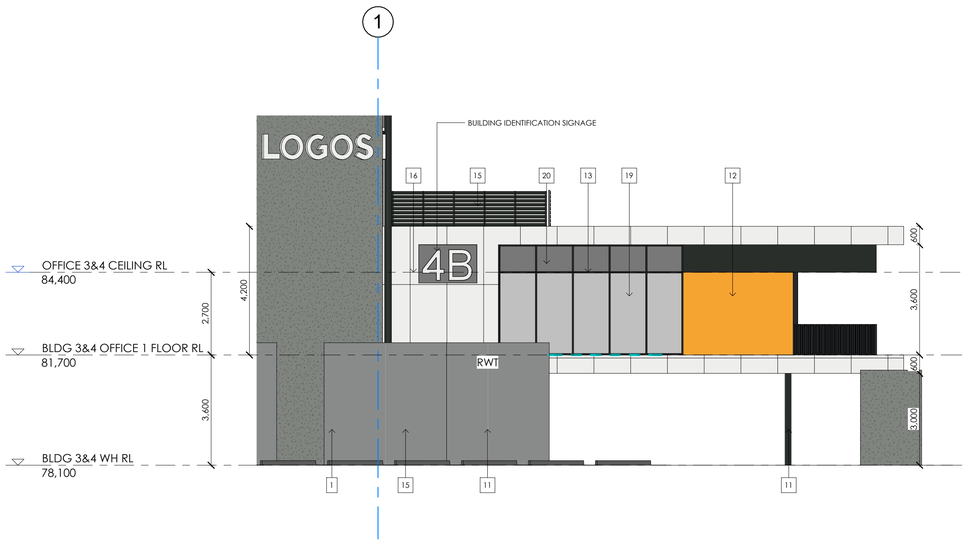
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

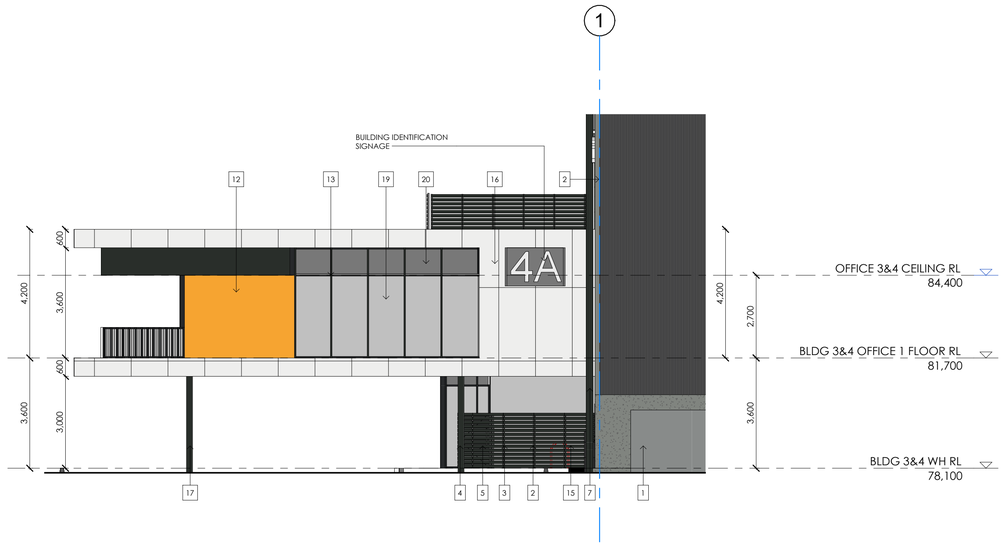
BUILDING 4 ELEVATIONS

scale: As indicated A1
project no: 220207
date: 18.08.23
dwn: WL
dwg no: 220207 - DA-420
issue: C




## 1 BLDG 4 - OFFICE 4B EAST ELEVATION

1 : 100




## 2 BLDG 4 - OFFICE 4A WEST ELEVATION

1 : 100

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |




## 3 BLDG 4 - OFFICE 4A & 4B NORTH ELEVATION

1 : 100

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

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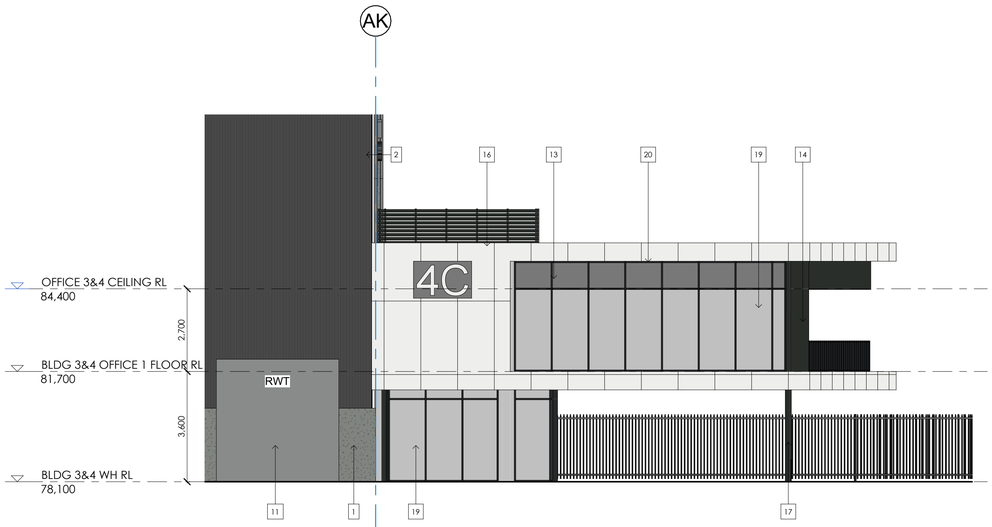
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

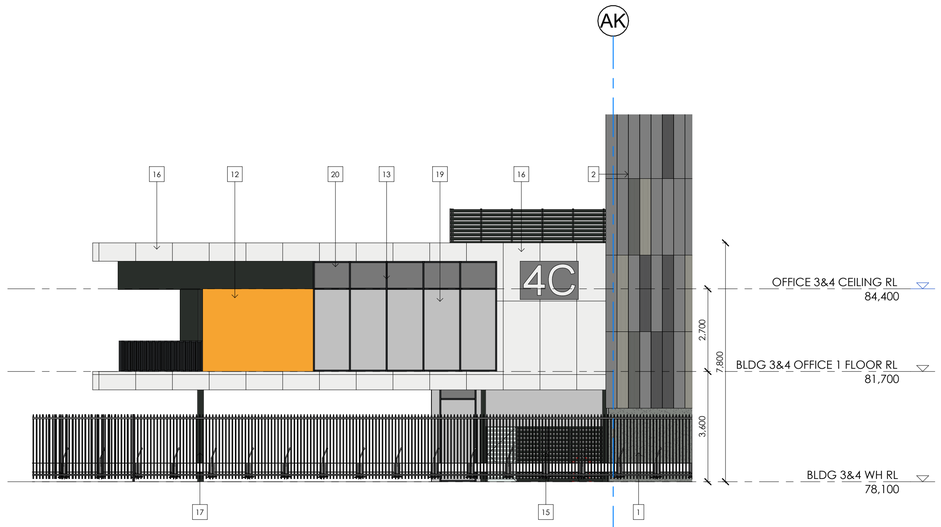
BUILDING 4 OFFICE ELEVATIONS

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | JA | |
| dwg no | 220207 - DA-421 | |
| issue | C | |




## 2 BLDG 4 - OFFICE 4C SOUTH ELEVATION

1 : 100




## 1 BLDG 4 - OFFICE 4C NORTH ELEVATION

1 : 100

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
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| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

| Keynote Legend - General | |
|---|---|
| RWT | RAINWATER COLLECTION TANK - COLORBOND WINDSPRAY TO CONSULTANT DETAIL |




## 3 BLDG 4 - OFFICE 4C EAST ELEVATION

1 : 100

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 18.08.23 |

ARCHITECT: PACE ARCHITECTS
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CLIENT: LOGOS

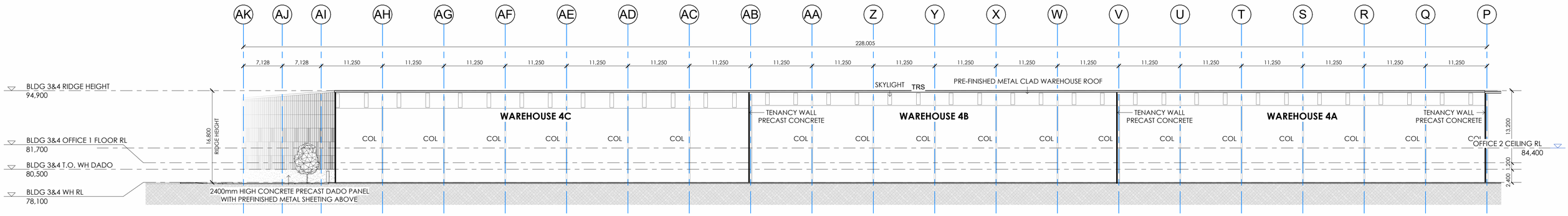
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 4 OFFICE ELEVATIONS

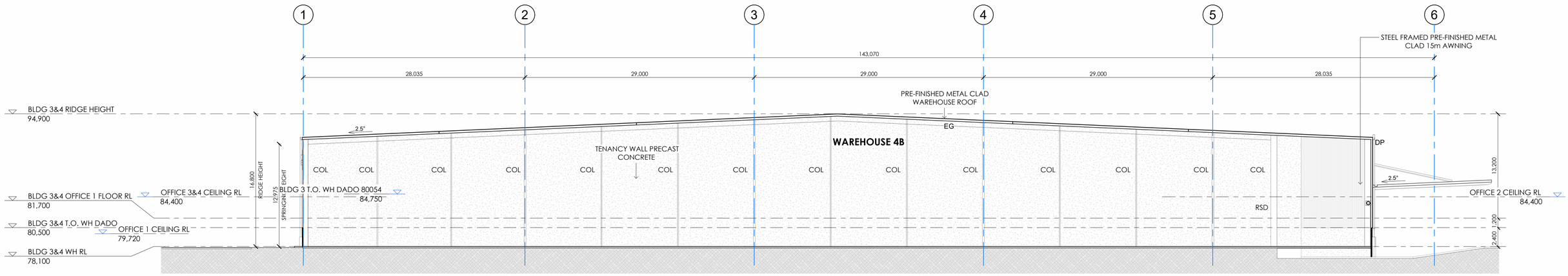
scale: As indicated A1
project no: 220207
date: 18.08.23
dwn: JA
dwg no: 220207 - DA-422
issue: B

| Keynote Legend - General | |
|---|---|
| DP | DOWNPIPE TO CONSULTANT DETAILS |
| EG | EAVES GUTTER, POWDERCOATED FINISH IN MONUMENT - REFER TO CONSULTANT DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |



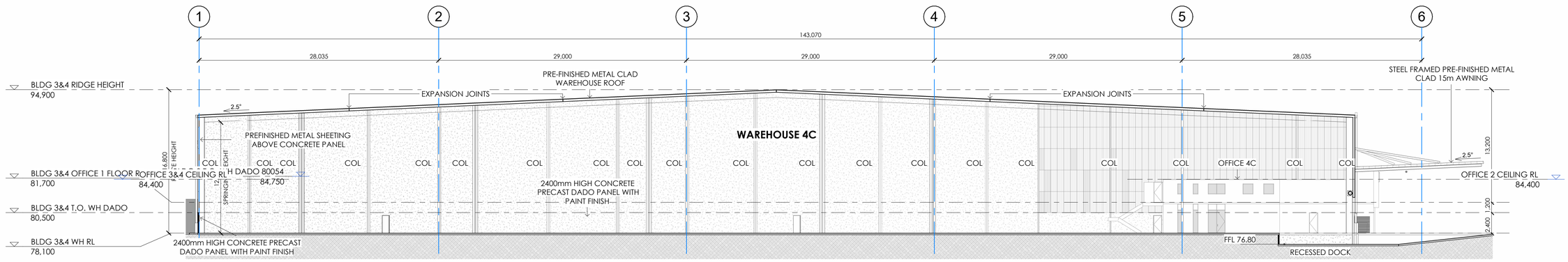

## 1 BUILDING 4 - LONGITUDINAL SECTION

1 : 350




## 2 BUILDING 4 - CROSS SECTION 1

1 : 250




## 3 BUILDING 4 - CROSS SECTION 2

1 : 250

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Augusta St, Blacktown within Blacktown

FOR APPROVAL

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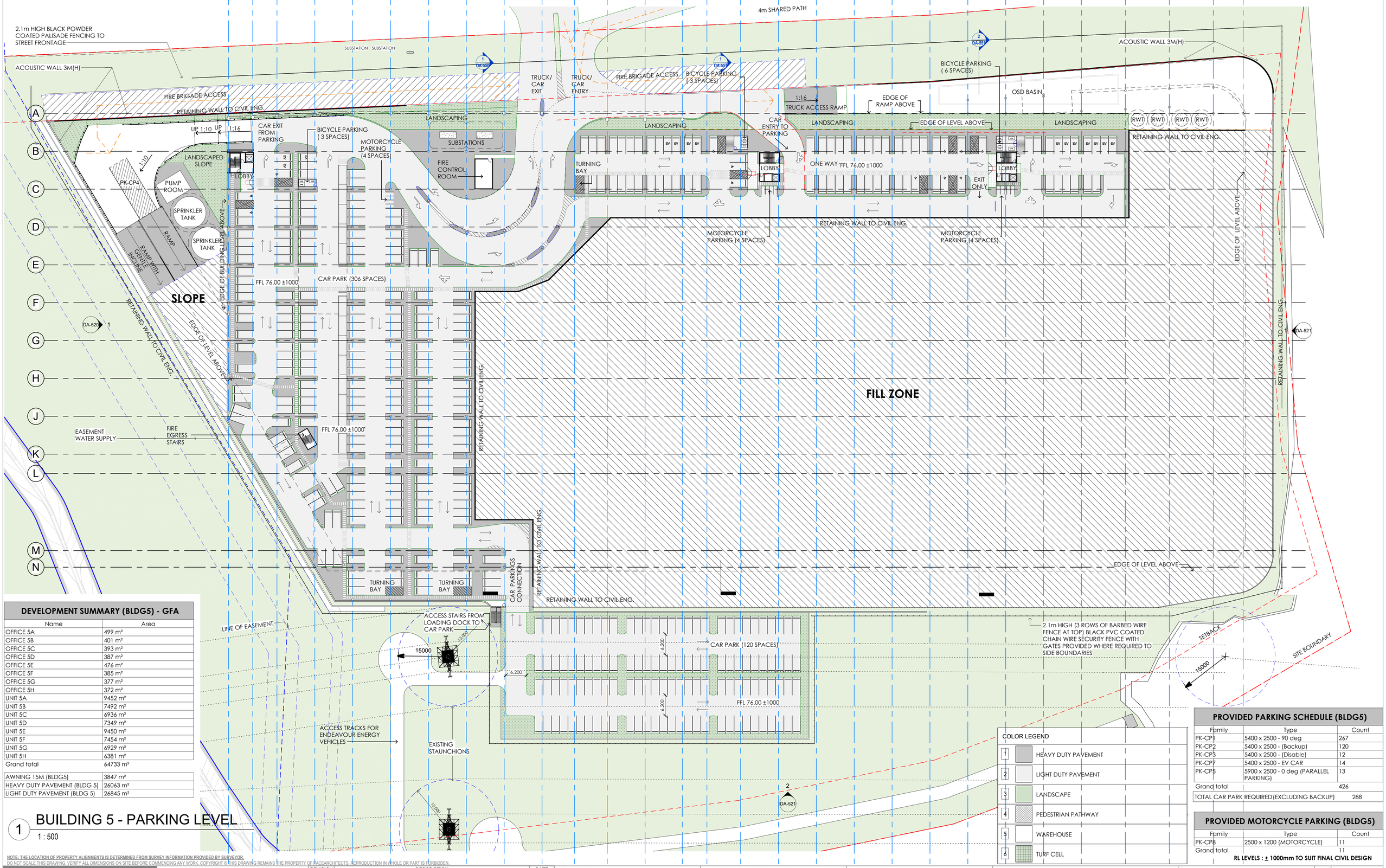
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 4 SECTIONS

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 18.08.23 | |
| dwn | JA | |
| dwg no | 220207 - DA-430 | |
| issue | C | |




## DEVELOPMENT SUMMARY (BLDG5) - GFA

| Name | Area |
|---|---|
| OFFICE 5A | 499 m² |
| OFFICE 5B | 401 m² |
| OFFICE 5C | 393 m² |
| OFFICE 5D | 387 m² |
| OFFICE 5E | 476 m² |
| OFFICE 5F | 385 m² |
| OFFICE 5G | 377 m² |
| OFFICE 5H | 372 m² |
| UNIT 5A | 9452 m² |
| UNIT 5B | 7492 m² |
| UNIT 5C | 6936 m² |
| UNIT 5D | 7349 m² |
| UNIT 5E | 9450 m² |
| UNIT 5F | 7454 m² |
| UNIT 5G | 6929 m² |
| UNIT 5H | 6381 m² |
| Grand total | 64733 m² |

| | |
|---|---|
| AWNING 15M (BLDG5) | 3847 m² |
| HEAVY DUTY PAVEMENT (BLDG 5) | 26063 m² |
| LIGHT DUTY PAVEMENT (BLDG 5) | 26845 m² |

## PROVIDED PARKING SCHEDULE (BLDG5)

| Family | Type | Count |
|---|---|---|
| PK-CP1 | 5400 x 2500 - 90 deg | 267 |
| PK-CP2 | 5400 x 2500 - (Backup) | 120 |
| PK-CP3 | 5400 x 2500 - (Disable) | 12 |
| PK-CP7 | 5400 x 2500 - EV CAR | 14 |
| PK-CP5 | 5900 x 2500 - 0 deg (PARALLEL PARKING) | 13 |
| Grand total | | 426 |
| TOTAL CAR PARK REQUIRED(EXCLUDING BACKUP) | | 288 |

## PROVIDED MOTORCYCLE PARKING (BLDG5)

| Family | Type | Count |
|---|---|---|
| PK-CP8 | 2500 x 1200 (MOTORCYCLE) | 11 |
| Grand total | | 11 |

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

COLOR LEGEND

1. HEAVY DUTY PAVEMENT
2. LIGHT DUTY PAVEMENT
3. LANDSCAPE
4. PEDESTRIAN PATHWAY
5. WAREHOUSE
6. TURF CELL

## 1 BUILDING 5 - PARKING LEVEL

1 : 500

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| C | TEST OF ADEQUACY UPDATES | 18.08.23 |
| D | BUILDING 5 UPDATES TO FACADE, LIFT LOBBY TO WEST, & ALL AMENITIES | 25.08.23 |

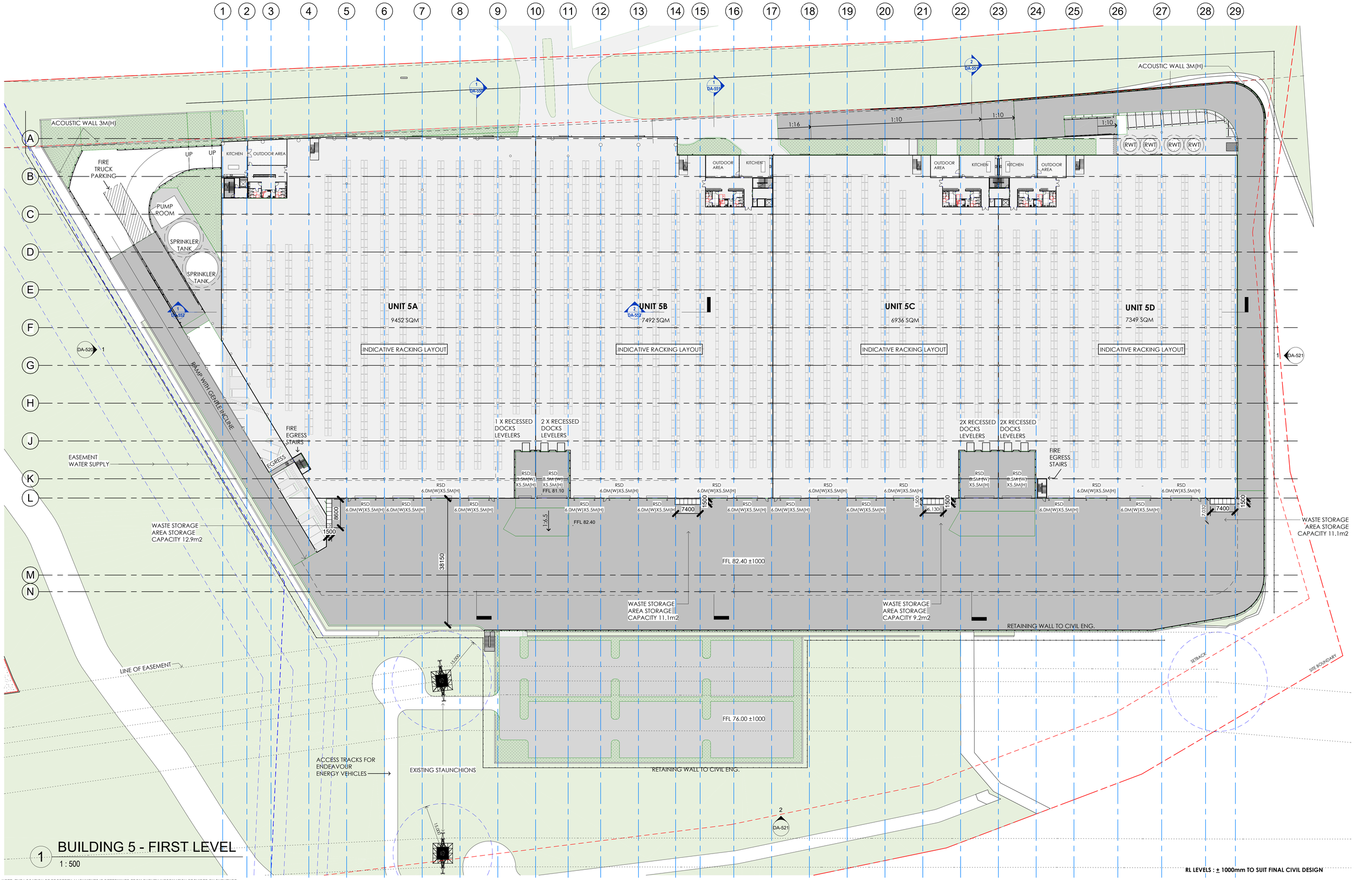
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BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 PARKING LEVEL

scale: As indicated A1
project no: 220207
date: 25.08.23
dwn: BH
dwg no: 220207 - DA-500
issue: D




# 1 BUILDING 5 - FIRST LEVEL

1 : 500

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

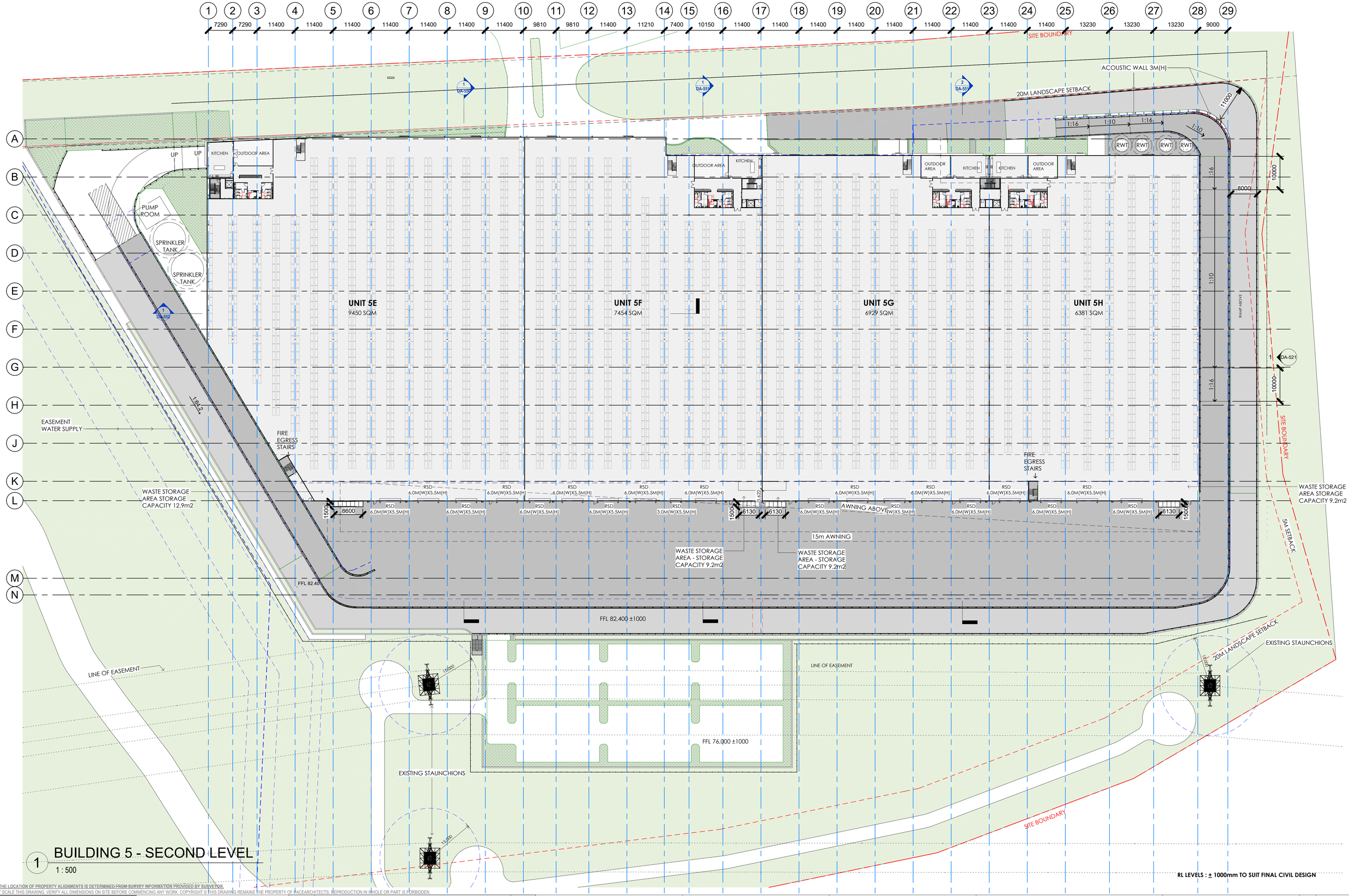
CLIENT: LOGOS

GRAPHIC SCALE: 1:100 (0 1 2 3 4 5 10)

purpose: FOR APPROVAL

BUILDING 5 FIRST LEVEL

| | | |
|---|---|---|
| scale | 1 : 500 | A1 |
| project no | 220207 | |
| date | 25.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-501 | |
| issue | D | |




# 1 BUILDING 5 - SECOND LEVEL

1 : 500

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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ARCHITECT PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT LOGOS

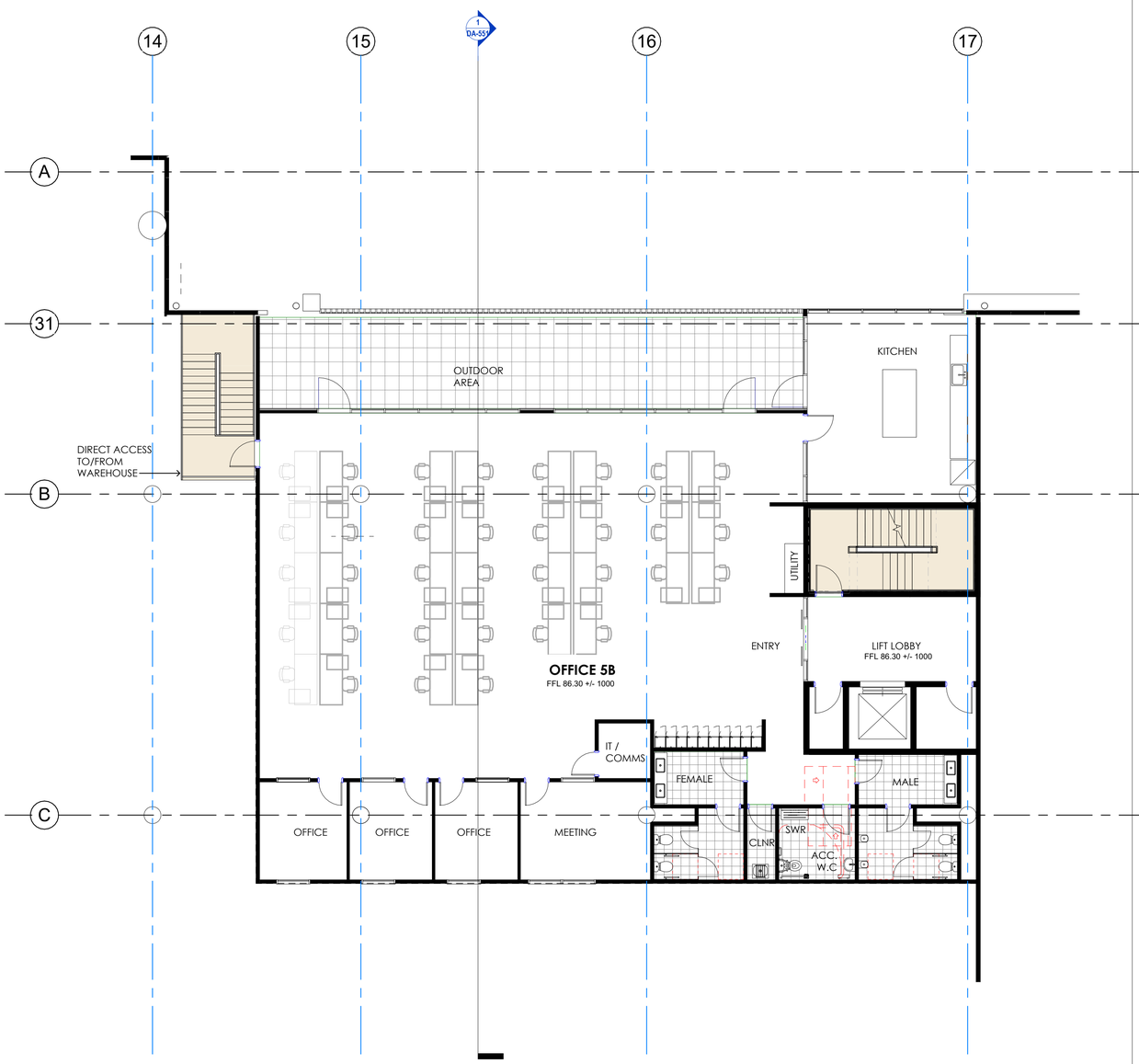
GRAPHIC SCALE: 1:100

purpose FOR APPROVAL

BUILDING 5 SECOND LEVEL

| | | |
|---|---|---|
| scale | 1 : 500 | A1 |
| project no | 220207 | |
| date | 25.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-502 | |
| issue | D | |




## 1 BUILDING 5 - OFFICE A - LEVEL 1 MEZZANINE

1 : 100 SK-213

## 2 BUILDING 5 - OFFICE B - LEVEL 1 MEZZANINE

1 : 100 SK-213

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | ~~DRAFT ISSUE~~ DA SUBMISSION | 23.06.23 |
| B | ~~TEST OF ADEQUACY UPDATES~~ | 11.08.23 |
| C | TEST OF ADEQUACY UPDATES | 18.08.23 |
| D | BUILDING 5 UPDATES TO FACADE, LIFT LOBBY TO WEST, & ALL AMENITIES | 25.08.23 |

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Nominated Archit: Patrick Pace NSW #7815
Member Australian Institute of Architects

1 : 100

# ~~Augusta St - Logistics~~ Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

FOR APPROVAL

ARCHITECT
PACE ARCHITECTS

BUILDER / PROJECT MANAGER

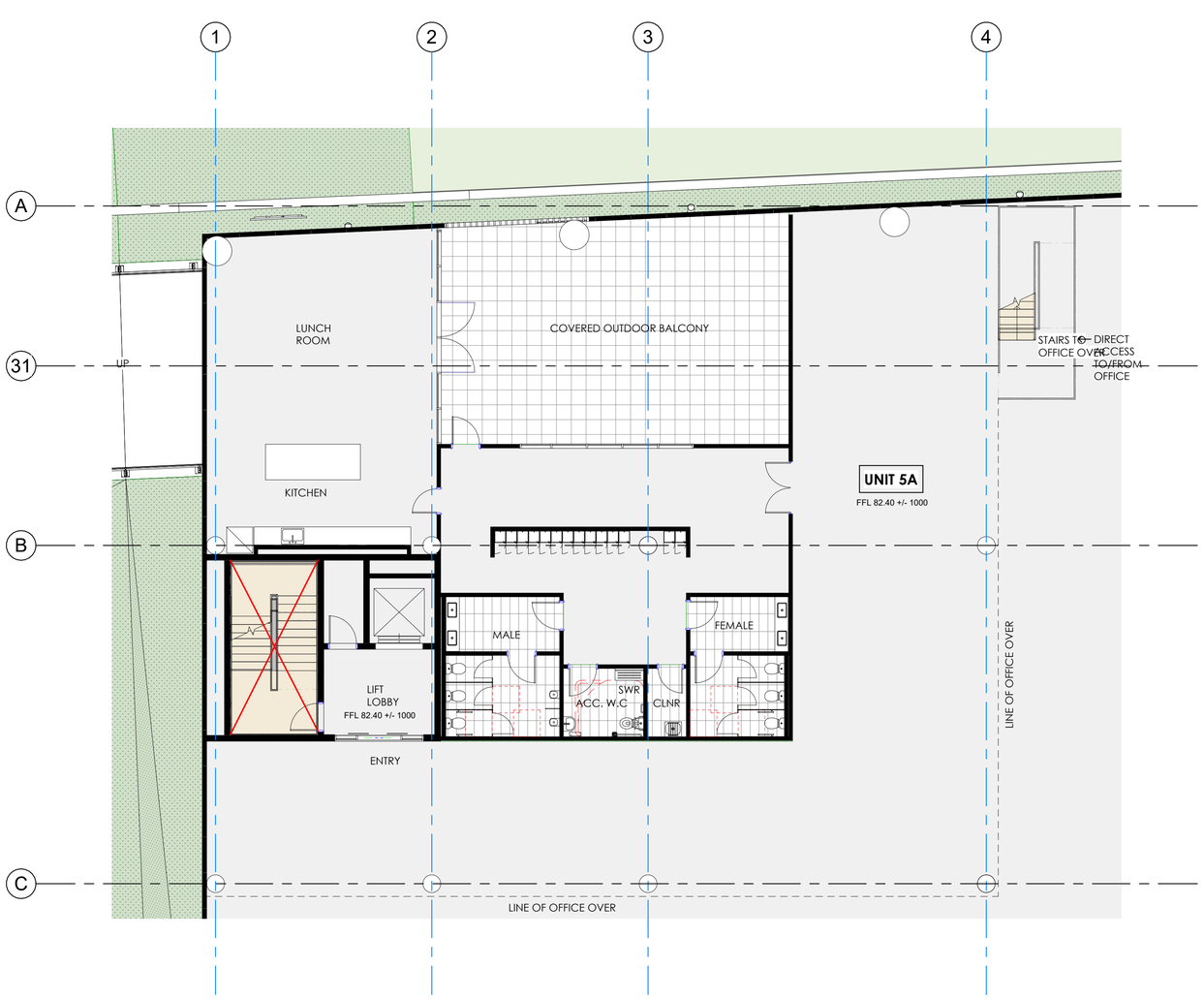
CLIENT
LOGOS

GRAPHIC SCALE: 1:100

purpose FOR APPROVAL

BUILDING 5 OFFICE A & B

| | | |
|---|---|---|
| scale | 1 : 100 | A1 |
| project no | 220207 | |
| date | 25.08.23 | |
| dwn | BH | |
| dwg no | 220207 - DA-510 | |
| issue | D | |




## 2 BUILDING 5- UNIT A, LEVEL 1 - AMENITIES

1 : 100




## 1 BUILDING 5- UNIT B, LEVEL 1 - AMENITIES

1 : 100 SK-213

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

NOTE: THE LOCATION OF PROPERTY ALIGNMENTS IS DETERMINED FROM SURVEY INFORMATION PROVIDED BY SURVEYOR.
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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
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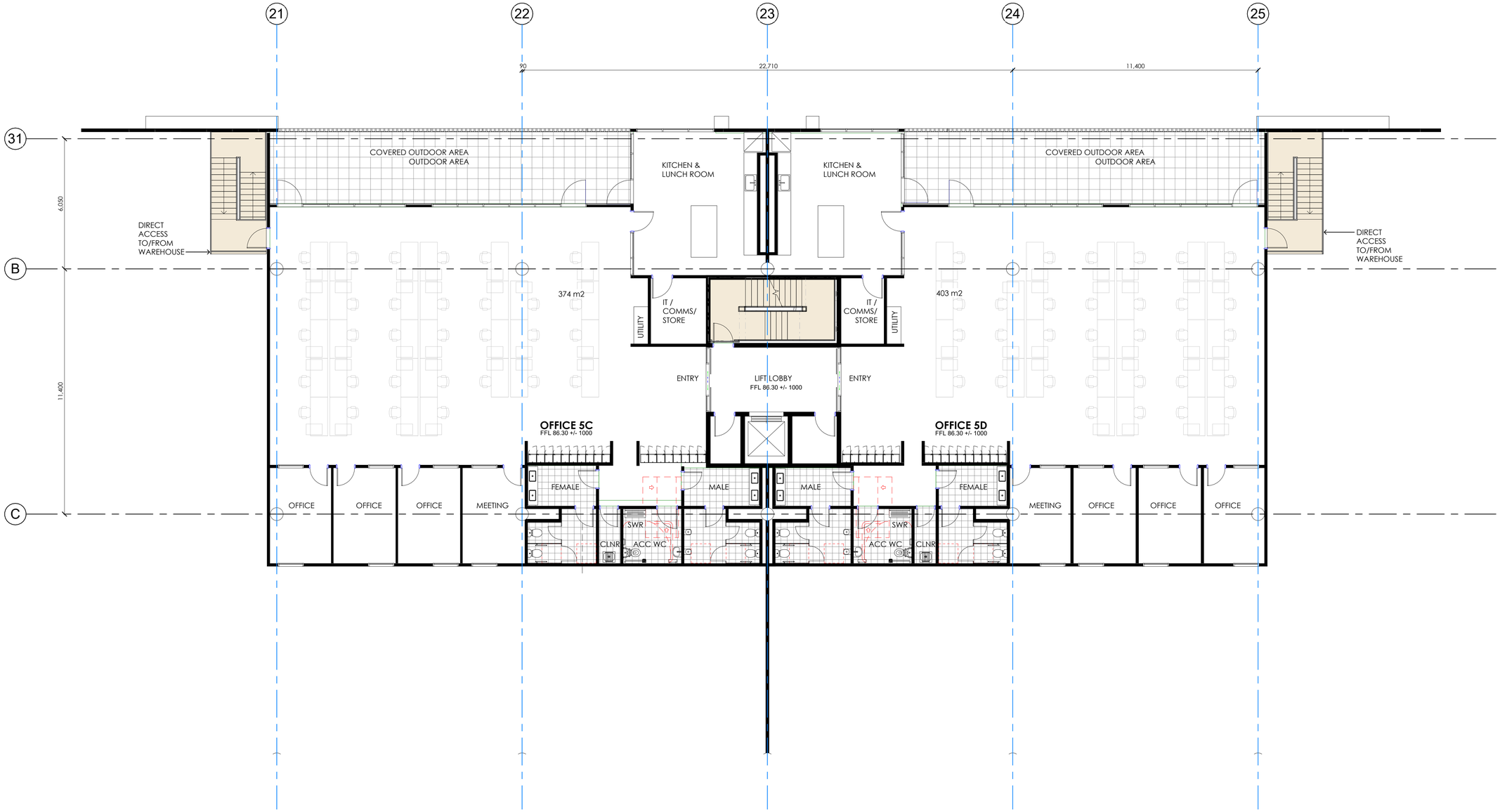
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 UNIT A & B - AMENITIES

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-1
issue D




## 4 BUILDING 5 - OFFICE C&D - LEVEL 1 MEZZANINE

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

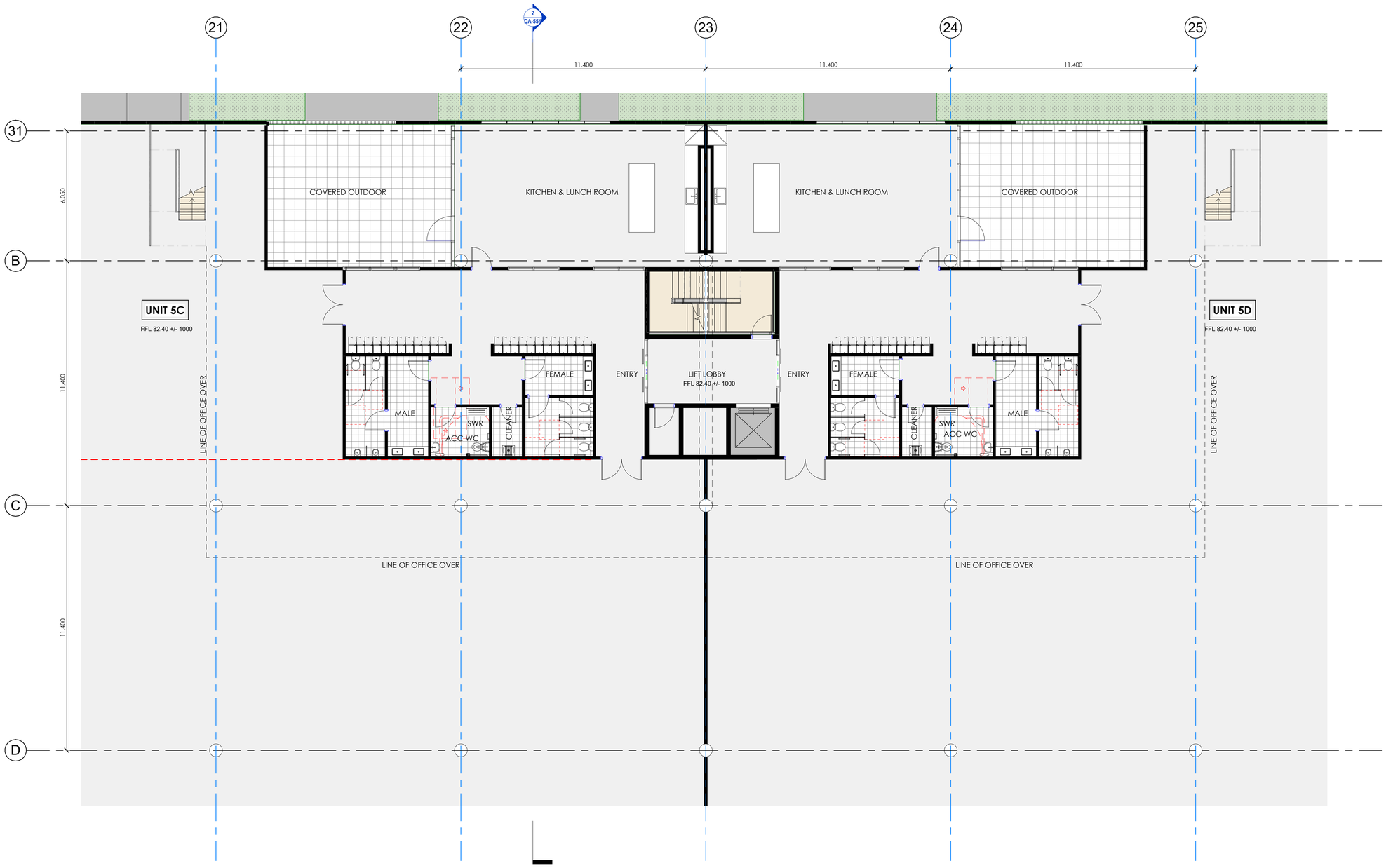
FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100
purpose: FOR APPROVAL
BUILDING 5 OFFICE C & D

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-2
issue D




## 2 BUILDING 5- UNIT C & D, LEVEL 1 - AMENITIES

1 : 100

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
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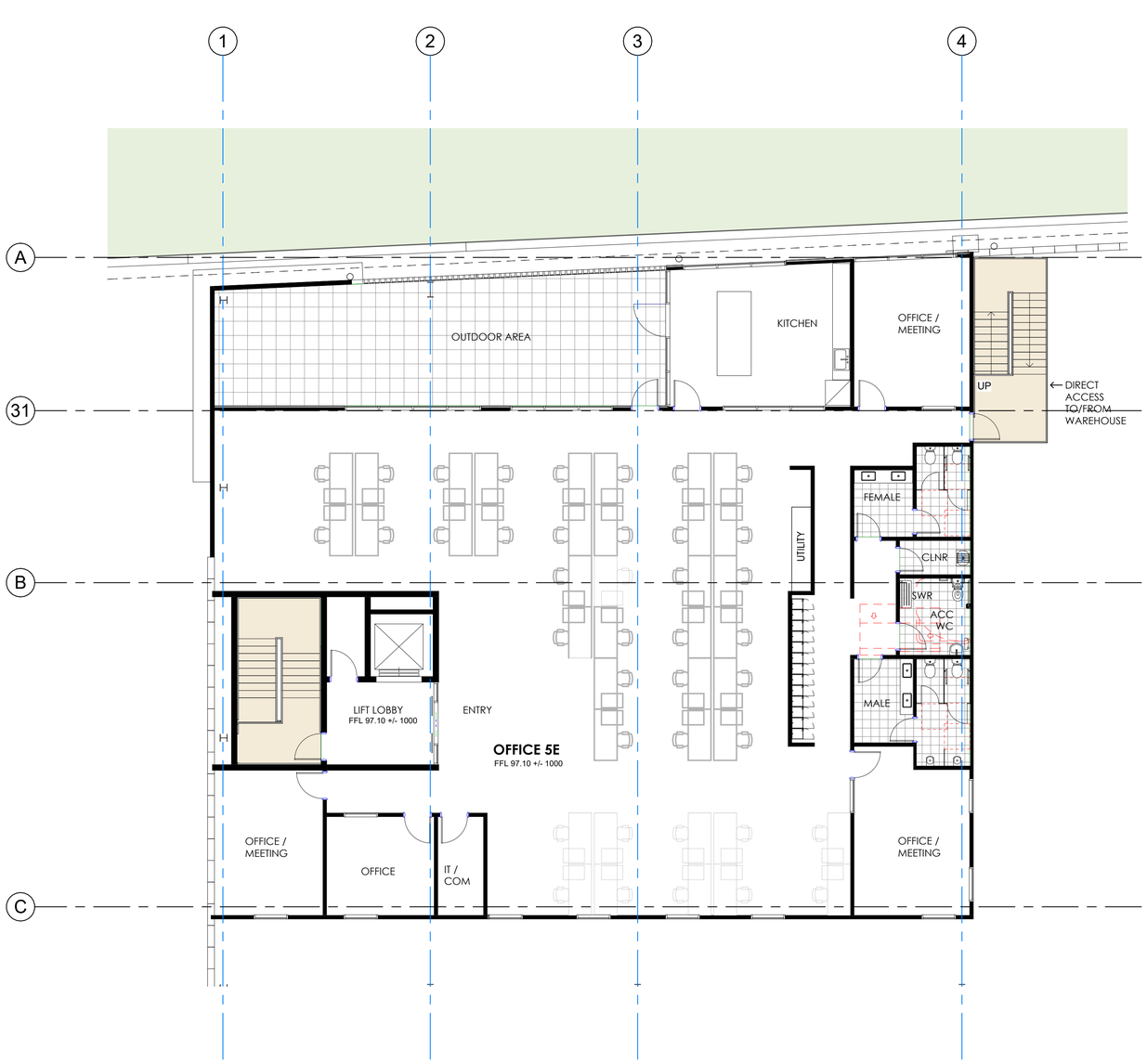
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

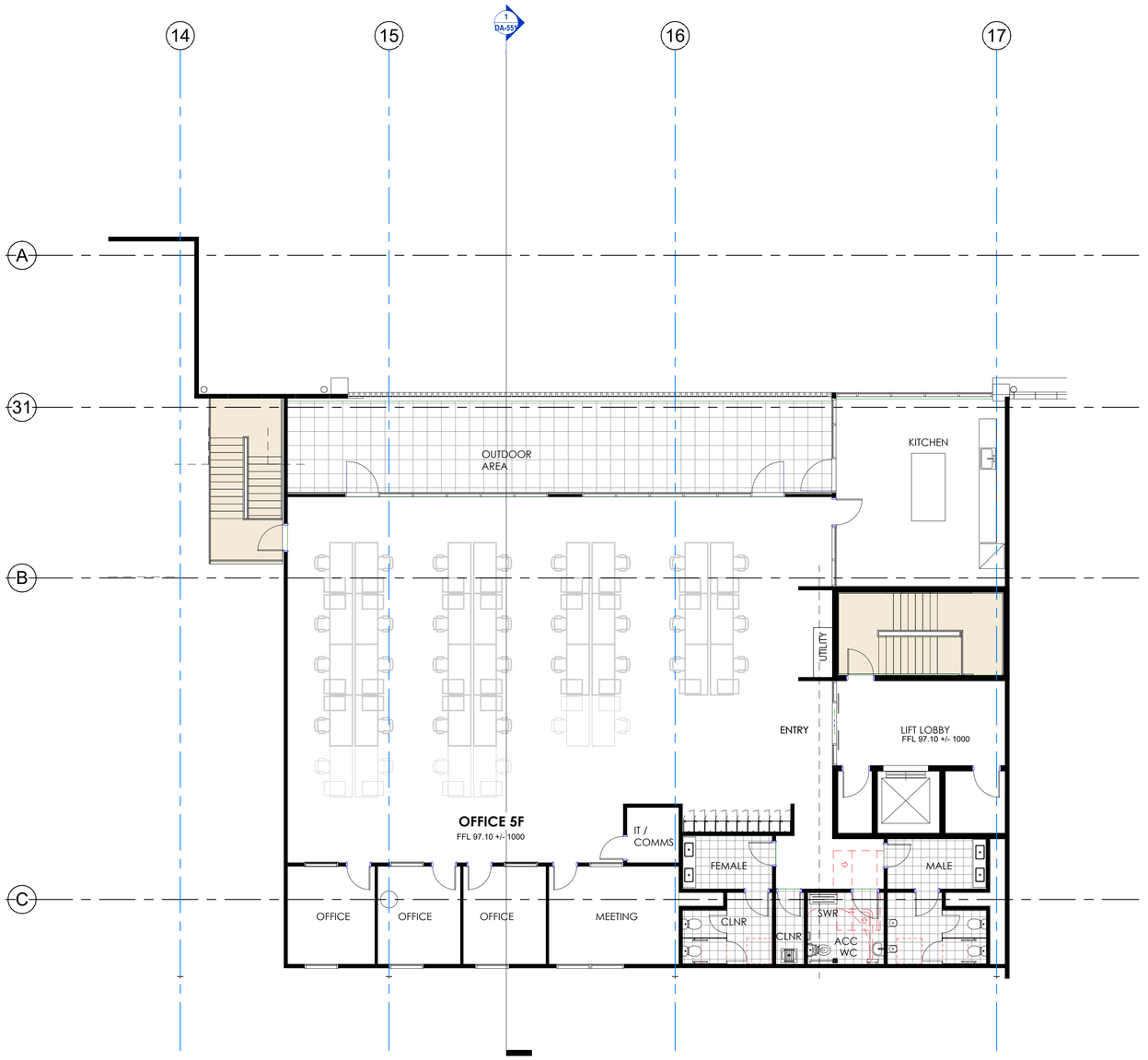
BUILDING 5 UNIT C & D - AMENITIES

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-3
issue D




## 1 BUILDING 5 - OFFICE E - LEVEL 2 MEZZANINE

1 : 100




## 2 BUILDING 5 - OFFICE F - LEVEL 2 MEZZANINE

1 : 100 SK-213

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Augusta St Warehouse and Distribution Centre
Augusta St, Blacktown within Blacktown

FOR APPROVAL

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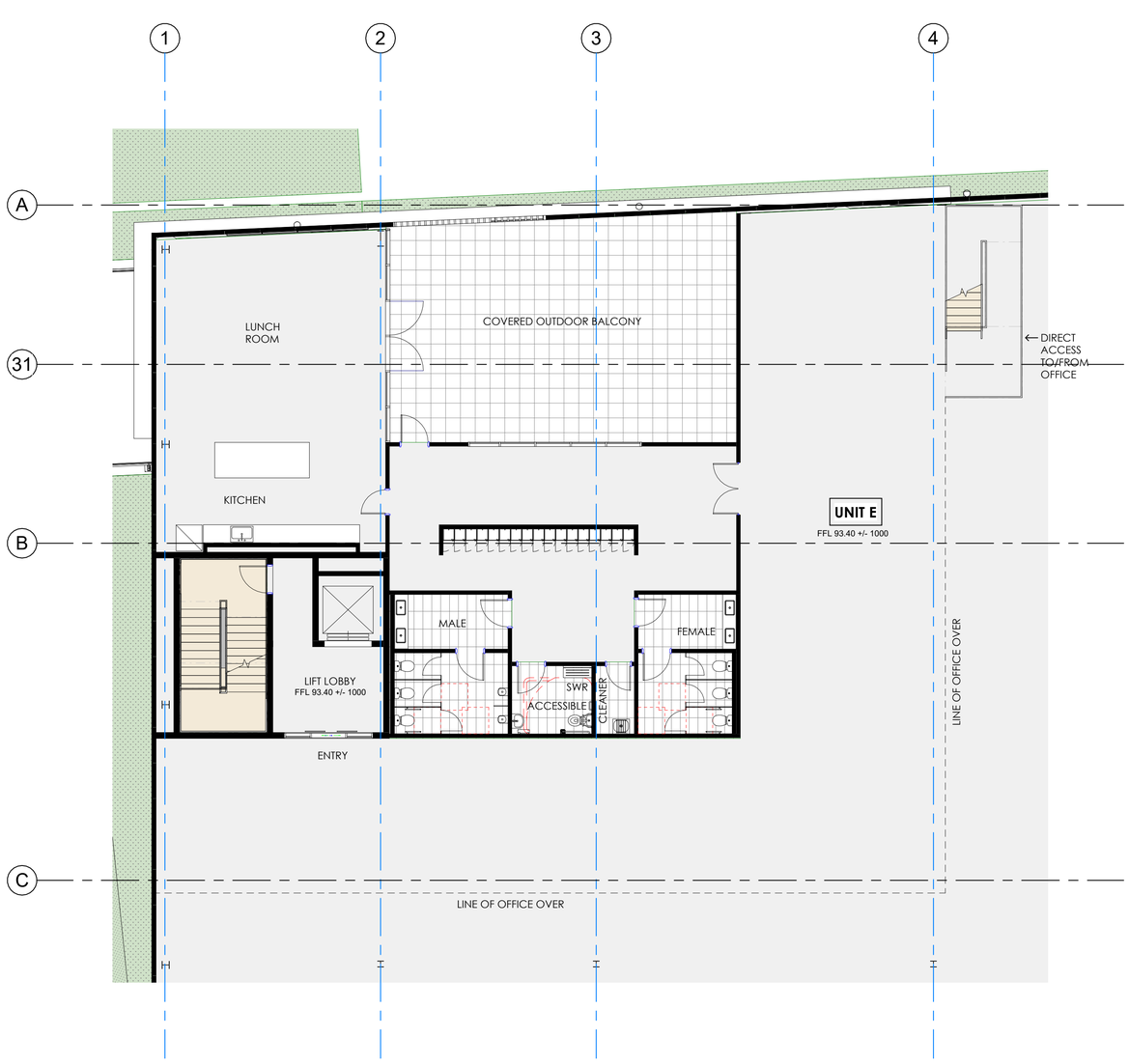
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100 (0 1 2 3 4 5 10)

purpose: FOR APPROVAL

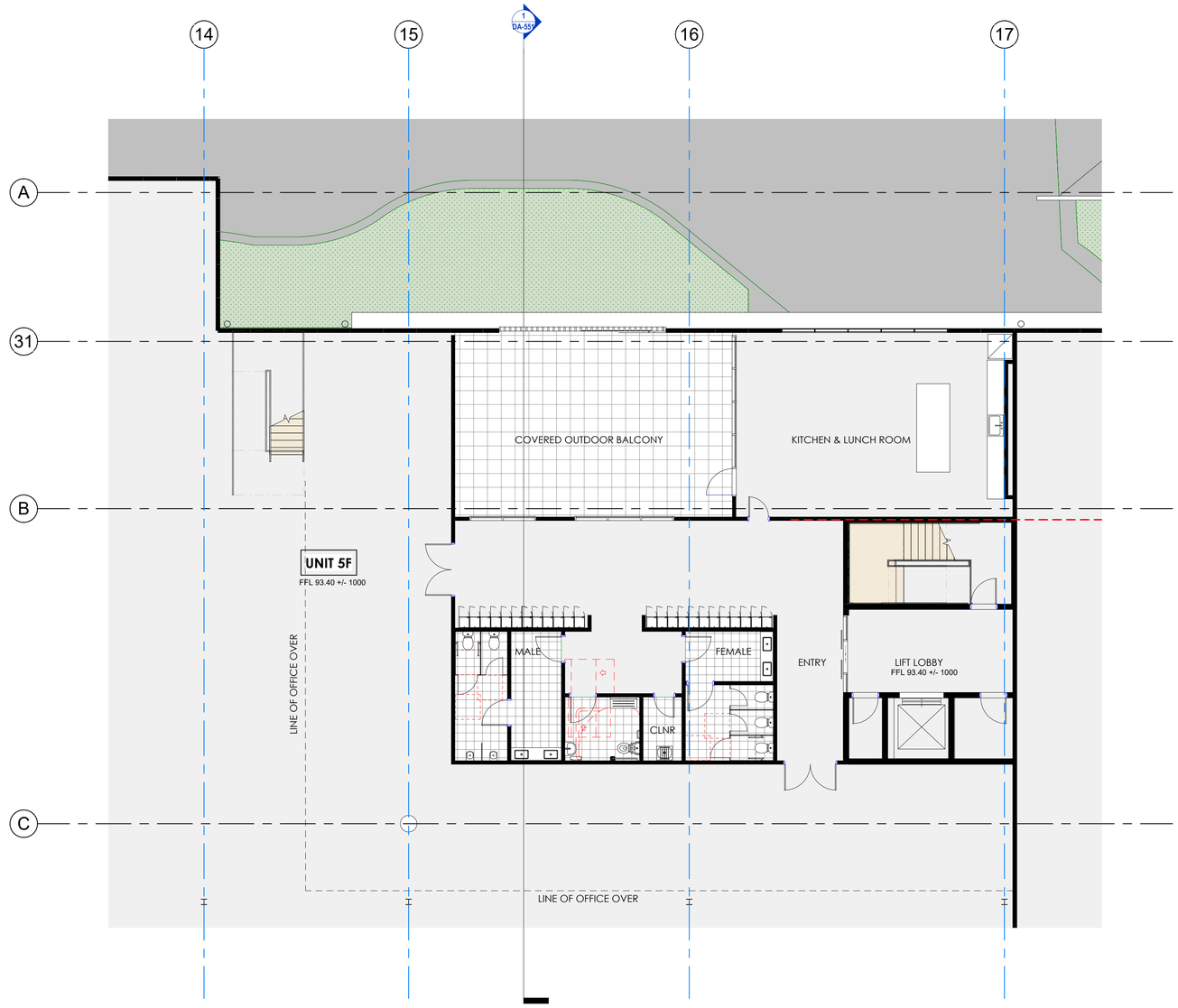
BUILDING 5 OFFICE E & F

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-4
issue D




## 1 BUILDING 5 - UNIT E, LEVEL 2- AMENITIES

1 : 100




## 2 BUILDING 5 - UNIT F, LEVEL 2- AMENITIES

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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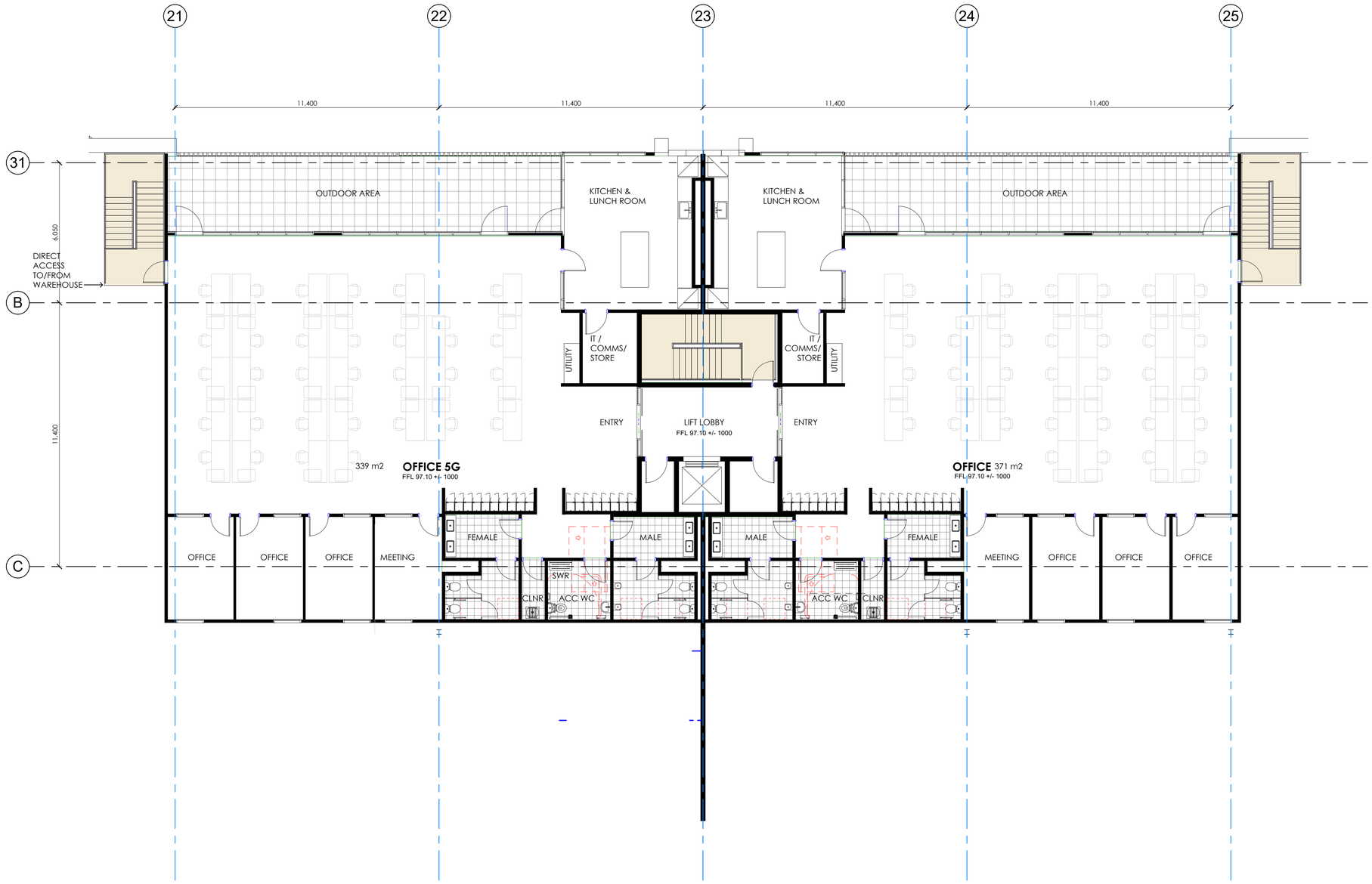
ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 UNIT E & F - AMENITIES

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-5
issue D




# 1 BUILDING 5 - OFFICE G & H - LEVEL 2 MEZZANINE

1 : 100

**RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN**

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Augusta St Warehouse and Distribution Centre
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FOR APPROVAL

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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 OFFICE G & H

scale 1 : 100 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-510-6
issue D




1 BUILDING 5 - UNIT G & H, LEVEL 2- AMENITIES

1 : 100

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 UNIT G & H - AMENITIES

scale 1 : 100 A1

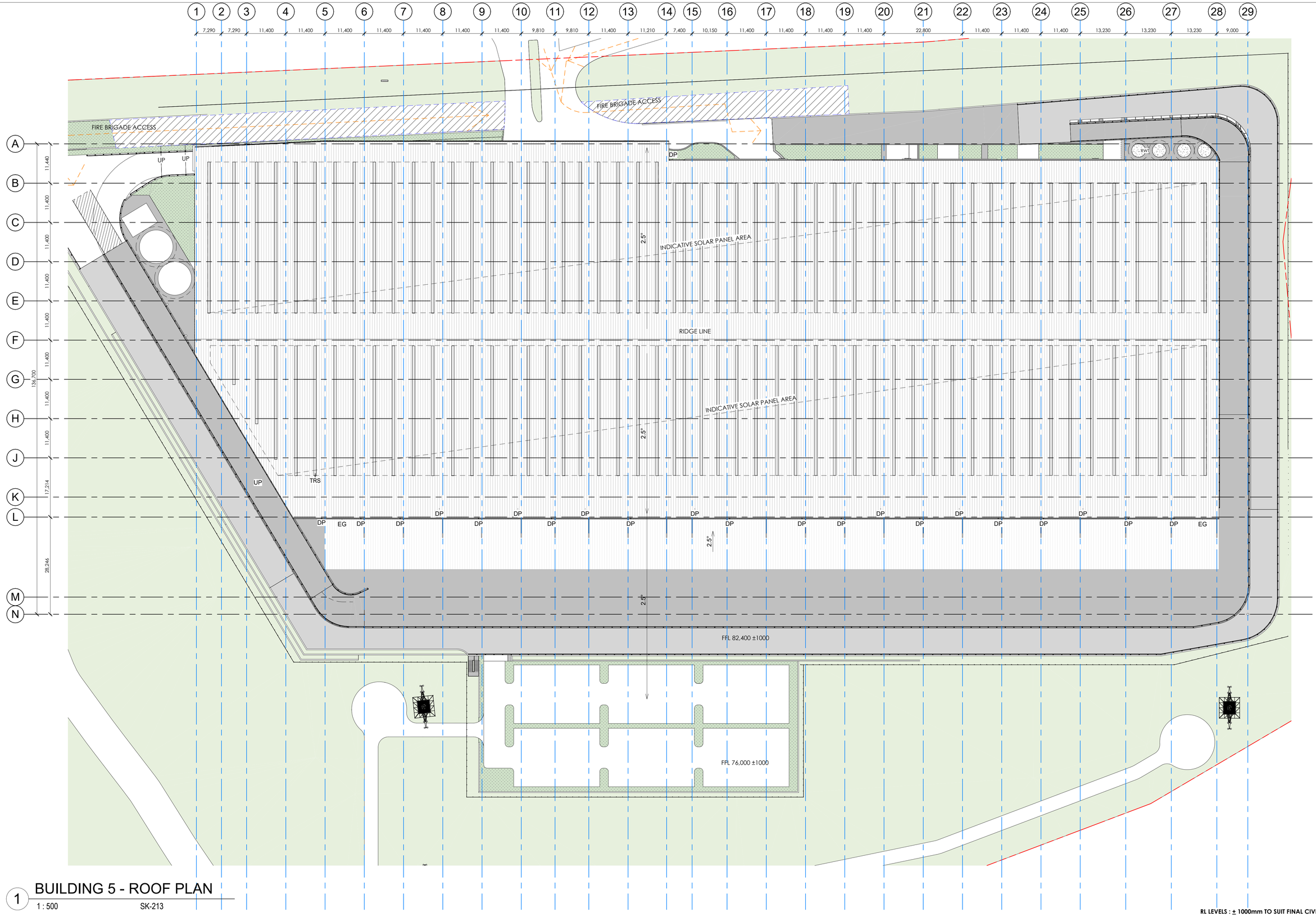
project no 220207

date 25.08.23

dwn BH

dwg no 220207 - DA-510-7

issue D




# 1 BUILDING 5 - ROOF PLAN

1 : 500 SK-213

RL LEVELS : ± 1000mm TO SUIT FINAL CIVIL DESIGN

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Augusta St, Blacktown within Blacktown

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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

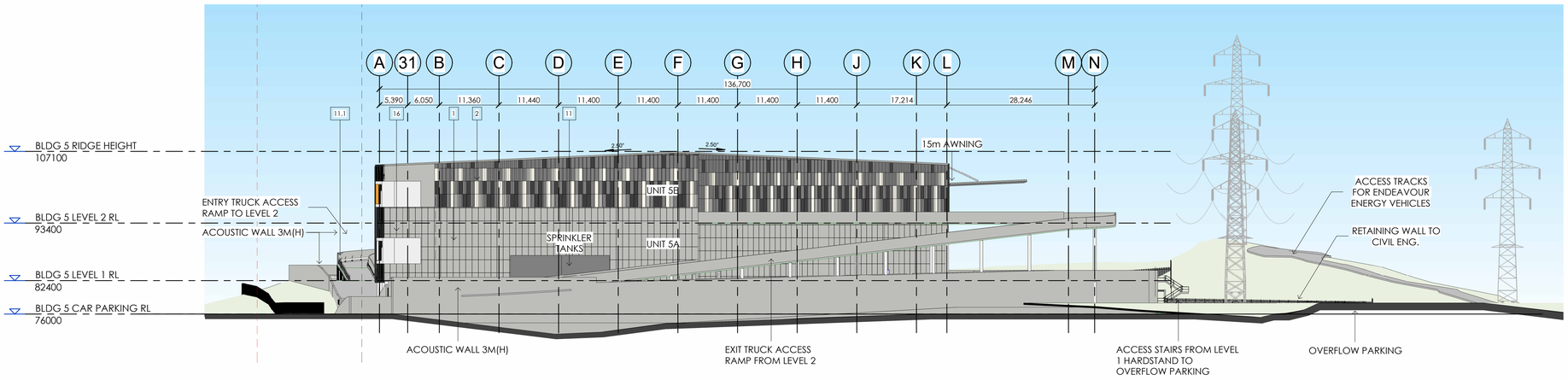
purpose: FOR APPROVAL

BUILDING 5 ROOF PLAN

scale 1 : 500 A1
project no 220207
date 25.08.23
dwn BH
dwg no 220207 - DA-515
issue D

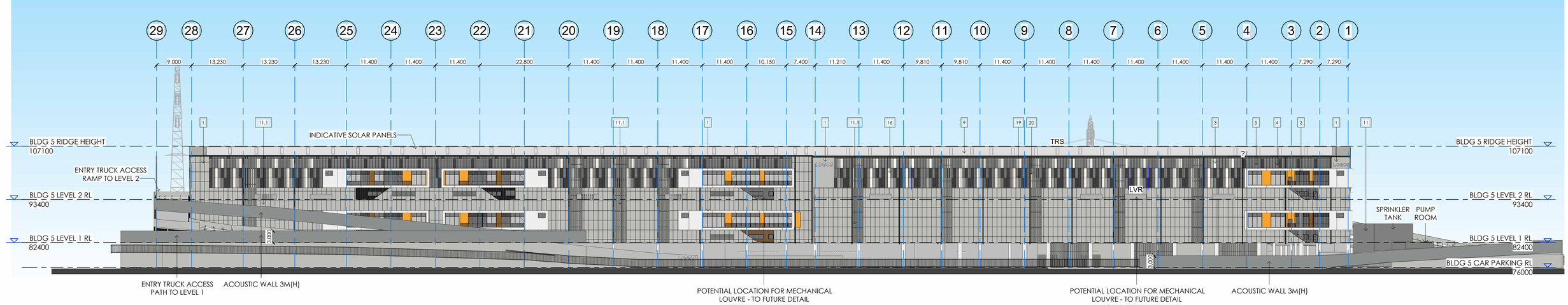
| Keynote Legend - General | |
|---|---|
| LVR | MECHANICAL LOUVRE - TO FUTURE DETAIL |
| TRS | TRANSLUCENT ROOF SHEETING |

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| **OFFICE EXTERNAL FINISHES** | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |




## 1 BLDG 5 - WEST ELEVATION

1 : 500




## 2 BLDG 5 - NORTH ELEVATION

1 : 500

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FOR APPROVAL

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ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

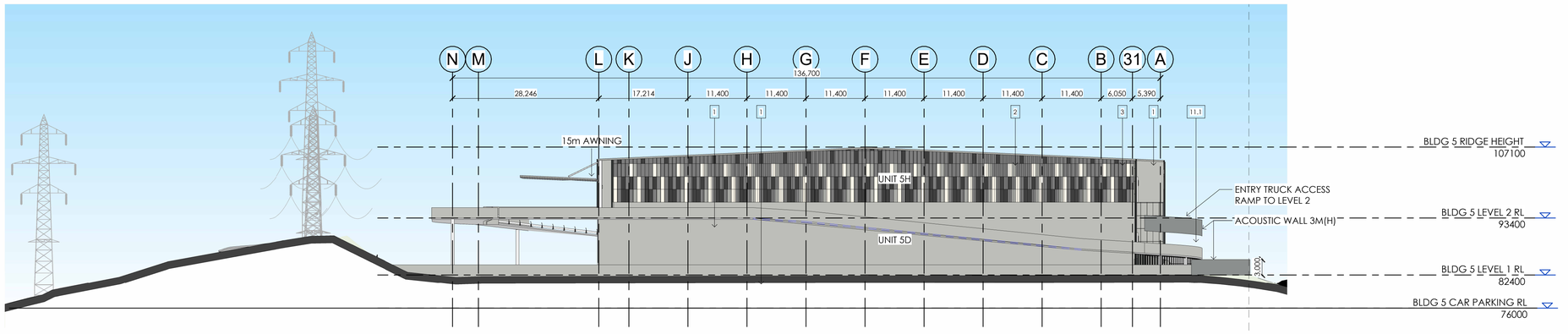
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

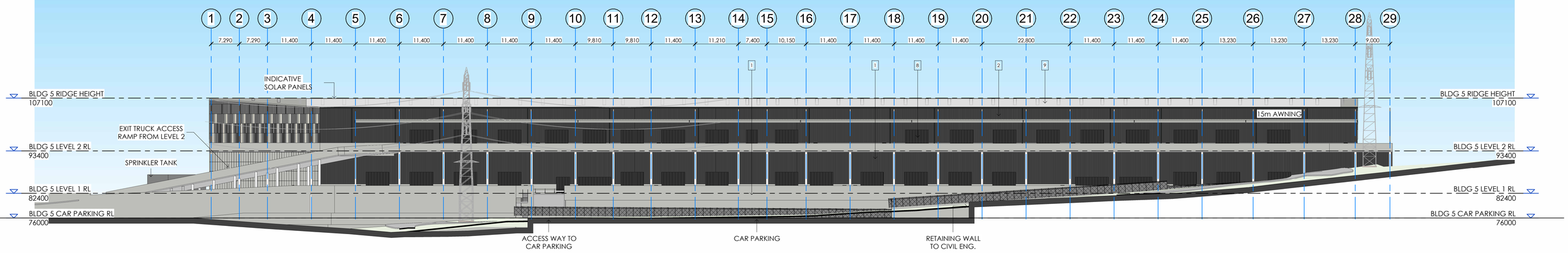
BUILDING 5 ELEVATIONS - SHEET 1

| | | |
|---|---|---|
| scale | As indicated | A1 |
| project no | 220207 | |
| date | 25.08.23 | |
| dwn | WL | |
| dwg no | 220207 - DA-520 | |
| issue | C | |




1 BLDG 5 - EAST ELEVATION

1 : 500




2 BLDG 5 - SOUTH ELEVATION

1 : 500

| WAREHOUSE EXTERNAL FINISHES | |
|---|---|
| 1 | NATURAL PRECAST CONCRETE FINISH |
| 2 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - MONUMENT |
| 3 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WINDSPRAY |
| 4 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - WHITE |
| 5 | PREFINISHED PROFILED METAL CLADDING (TRIMDEK COLORBOND) - SHALE GREY |
| 7 | POWDERCOATED GUTTERS, FASCIAS & DOWNPIPES - MONUMENT |
| 8 | POWDERCOAT FINISH TO AWNING, ROLLER SHUTTER DOORS & RSD FRAMES, - TO MATCH COLORBOND SURFMIST |
| 9 | ZINCALUME ROOF SHEETING WITH 10% TRANSLUCENT SHEETING |
| 10 | PAINT FINISH TO PERSONNEL DOORS TO MATCH COLORBOND SURFMIST |
| 11 | WATER TANKS, SPRINKLER TANK, PUMP ROOM - COLORBOND 'WINDSPRAY' |
| 11.1 | VERTICAL ALUMINIUM SLAT TIMBER-LOOK LOUVRES |
| OFFICE EXTERNAL FINISHES | |
| 12 | ALUMINIUM TIMBER-LOOK LIGHT-WEIGHT CLADDING |
| 13 | POWDERCOATED ALUMINIUM WINDOW FRAMES - MONUMENT |
| 14 | ALUMINIUM FEATURE SUN-SHADING POWDERCOATED FINISH COLOR TO MATCH 'MONUMENT' |
| 15 | HORIZONTAL ALUMINIUM SLAT TIMBER-LOOK SCREEN FENCING TO OUTDOOR AREA |
| 16 | PREFINISHED METAL - COLOUR WHITE |
| 17 | POWDERCOATED ALUMINIUM COLUMNS - MONUMENT |
| 18 | POWDERCOATED RAILINGS - MONUMENT |
| 19 | GLAZING - GREY TINTED GLASS |
| 20 | COLOURBACK GLASS - BLACK |

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Augusta St Warehouse and Distribution Centre

Augusta St, Blacktown within Blacktown

FOR APPROVAL

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| A | FOR SSDA SUBMISSION | 23.06.23 |
| B | TEST OF ADEQUACY UPDATES | 18.08.23 |
| C | BUILDING 5 UPDATES TO FACADE, LIFT LOBBY TO WEST, & ALL AMENITIES | 25.08.23 |

ARCHITECT: PACE ARCHITECTS

BUILDER / PROJECT MANAGER

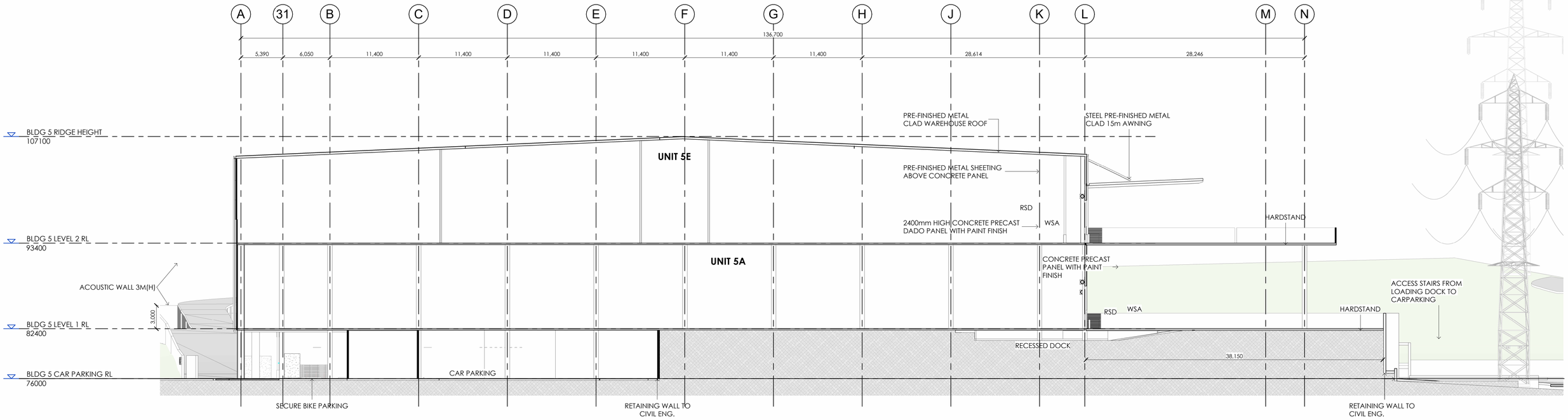
CLIENT: LOGOS

GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 ELEVATIONS - SHEET 2

scale: As indicated A1
project no: 220207
date: 25.08.23
dwn: WL
dwg no: 220207 - DA-521
issue: C




## 1 BLDG 5 SECTION 1

1 : 250

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ARCHITECT: PACE ARCHITECTS
BUILDER / PROJECT MANAGER:
CLIENT: LOGOS

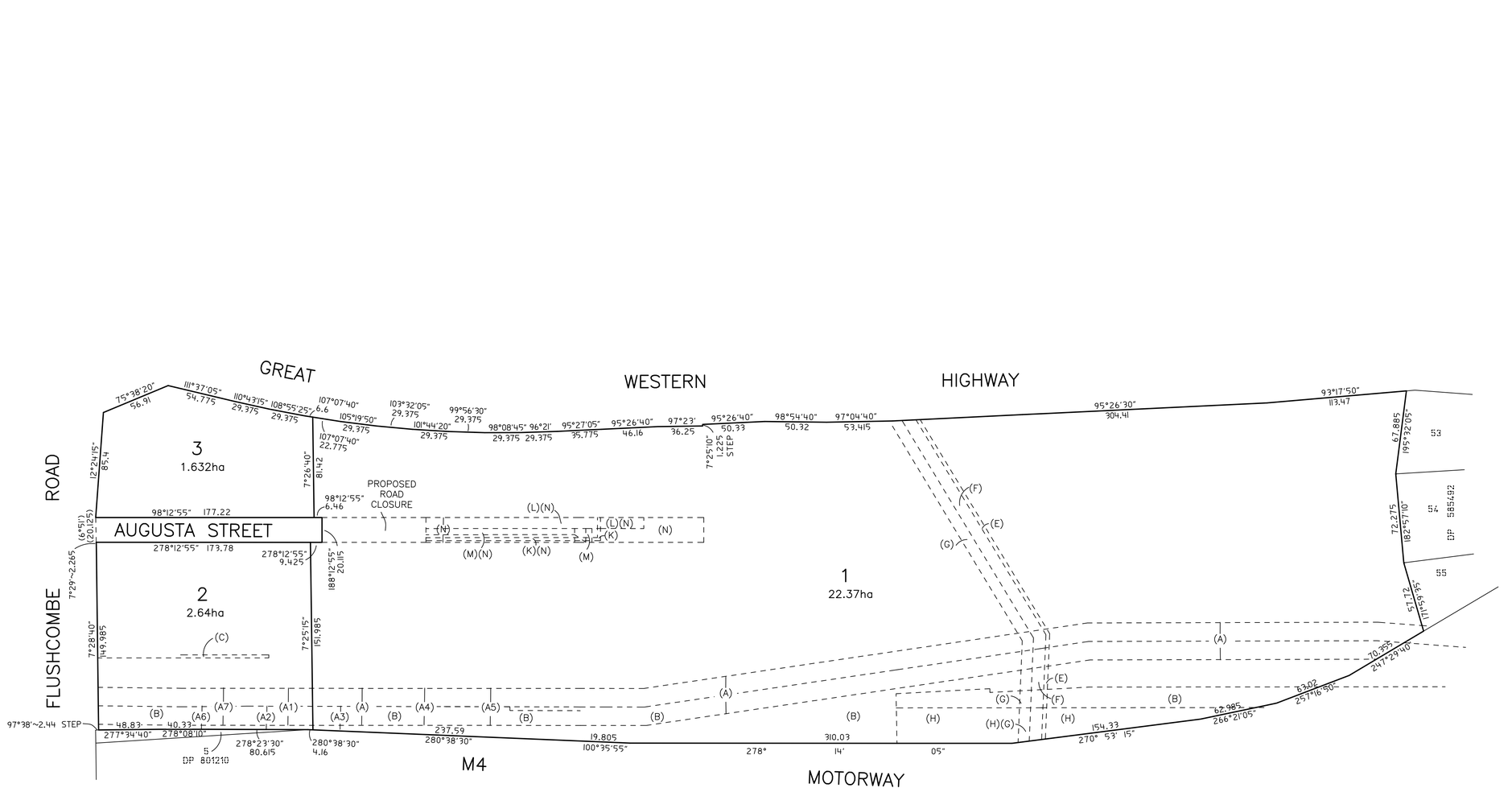
GRAPHIC SCALE: 1:100

purpose: FOR APPROVAL

BUILDING 5 SECTIONS - SHEET 1

scale 1 : 250 A1
project no 220207
date 25.08.23
dwn MO
dwg no 220207 - DA-550
issue D

## Appendix B Proposed Consolidated Lots




DISCLAIMER:–
ALL SHOWN HEREON DIMENSIONS ARE APPROXIMATE AND SUBJECT TO FINAL SURVEY

(A1) EASEMENT FOR TRANSMISSION LINE 30 WIDE (R730705)
(A2) EASEMENT FOR TRANSMISSION LINE (J983245)
(A3) EASEMENT FOR TRANSMISSION LINE (J983234)
(A4) EASEMENT FOR TRANSMISSION LINE (T722919)
(A5) EASEMENT FOR TRANSMISSION LINE (T536159)
(A6) EASEMENT FOR TRANSMISSION LINE (KII6727)
(A7) EASEMENT FOR TRANSMISSION LINE (V378957)

(A) PROPOSED EASEMENT FOR TRANSMISSION LINE 30 WIDE (DP604009)
(B) EASEMENT FOR TRANSMISSION LINE VARIABLE WIDTH (J946973)
(C) PROPOSED DRAINAGE EASEMENT 2.44 WIDE (DP8716)(A392054)
(E) EASEMENT FOR CONSTRUCTION 3 WIDE (DP1216918)
(F) EASEMENT FOR WATER SUPPLY PURPOSES 10 WIDE (DP1216918)
(G) EASEMENT FOR CONSTRUCTION 9 WIDE (DP1216918)
(H) EASEMENT FOR TRANSMISSION LINE (KII6733)
(K) EASEMENT FOR WATER SUPPLY PURPOSES 2.5 WIDE
(L) EASEMENT FOR OVERHEAD POWER LINES 9 WIDE
(M) RIGHT OF ACCESS 5 WIDE & VARIABLE
(N) PROPOSED RIGHT OF ACCESS 20.115 WIDE

40 0 80 200m
SCALE 1:2000

CLIENT

LOGOS

PROJECT

# PLAN OF PROPOSED CONSOLIDATION

OF

LOTS 163,168-188 INCLUSIVE DP8716, LOT 216 DP8716, LOT 2 DP516449, LOT 2151 DP135859, LOT 1 DP119616, LOTS 4,5 & 6 DP226294, LOTS 50,51 & 52 DP1144623, LOT 7 DP 803359, LOTS 218-219 DP457024, LOT 1 DP835264 & LOTS 7-10 INCLUSIVE DP801210

NOTES

Tree sizes are estimates only.
Only visible services have been located in this survey.
Service and utilities shown on plan have been located by physical evidence on site only and may not have been opened to verify the type of utility.
Neither excavation nor potholing have been carried out to confirm underground location. Service details should be confirmed with the relevant service authority during design and prior to any construction.
All dimensions must be verified on site prior to any construction.
The position of surveyed data has been located and is shown to topographic accuracies. If clearances to boundaries or other features are critical and dimensions are not shown further survey may be required.
The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.
Any construction on or near boundaries will require further survey in order that marks defining boundaries can be placed.

| | | | |
|---|---|---|---|
| 3 | GKO | 11/07/2022 | LOTS 2 & 3 ADDED |
| 2 | GKO | 11/07/2022 | TELSTRA & COUNCIL LOTS INCLUDED |
| 1 | GKO | 09/03/2022 | INITIAL ISSUE |


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w: www.landpartners.com.au


| | |
|---|---|
| HEIGHT DATUM: AHD | LOCAL AUTHORITY: BLACKTOWN |
| HEIGHT ORIGIN: N/A | SCALE: 1:2000 (A1) |
| MERIDIAN: MGA ZONE 56 | CONTOUR INTERVAL: N/A |
| CO-ORD SYSTEM: GDA 2020 | SURVEYOR: N/A — DATE OF SURVEY: ~ |
| CCAD FILE: 74905.002 consolidation | DRAWN: SF — DATE: 11/07/2022 |
| AUTOCAD FILE: SY074904.002.2.3 | CHECKED: GKO — DATE: 11/07/2022 |
| ARCHIVE FILE: | APPROVED: GKO — DATE: 11/07/2022 |
| PLAN NUMBER: SY074904.002.2.3 | SHEET 01 OF 01 |

PO GKO

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I:\Projects - Current\SY074904.002 LOGOS - Augusta Street, Huntingwood\Cad files\Active\SY074904.002.2 PROPOSED CONSOLIDATION\SY074904.002.2.3.dwg

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| | | Name | Name | Signature | Date |
| A | Ruby Chapman | Sam Pathammavong | Draft for client review | Draft for client review | 29/06/2022 |
| B | Ruby Chapman | Sam Pathammavong | Draft for client review | Draft for client review | 22/07/2022 |
| 0 | Ruby Chapman | Sam Pathammavong | Sam Pathammavong |  | 27/06/2023 |
| 1 | Ruby Chapman | Sam Pathammavong | Sam Pathammavong |  | 29/06/2023 |
| 2 | Ruby Chapman | Sam Pathammavong | Sam Pathammavong |  | 18/07/2023 |
| 3 | Ruby Chapman | Sam Pathammavong | Sam Pathammavong |  | 28/08/2023 |

