

WATERLOO METRO QUARTER

OSD BUILDING 1
RESPONSE TO SUBMISSION
SUPPLEMENTARY DESIGN REPORT



00. Introduction

PROJECT OVERVIEW

Waterloo Metro Quarter Northern Precinct OSD

SSDA-10440

Commercial with Ground
Retail

GFA 34,734sqm

15 Storeys

Agenda

- Provide responses and clarifications to the submissions from DPIE and City of Sydney
- Additional design updates



00. Introduction

AGENDA

01
Visual Bulk &
Scale

DPIE Comments

- Mitigate the visual bulk of the building
- Illustrate how the bulk and scale of the proposed building is compatible with the evolving streetscape

Objective

- Seeking endorsement from the DRP of the current design massing and appropriateness of the building relative the site, streetscape and the surrounding area.

02
Architectural
Character

City of Sydney Comments

- ‘Warehouse character’ not achieved strongly
- Clarity on materiality
- Robustness of core cladding

Objective

- Seeking endorsement from the DRP of the proposed materiality being of sufficient detail and provide clarity that design excellence can be maintained following DA approval.

03
Facade
Performance

City of Sydney Comments

- The proposed is substantially glazed
- Unprotected west facing glazing and lack of sunshading
- Clarity on glazing specifications

Objective

- Seeking endorsement from the DRP of the proposed the variety of facades conditions and core cladding provide sufficient solar shading to demonstrate excellent building performance

04
External Stair

City of Sydney Comments

- Raglan Walk is unnecessarily encumbered
- The expression of the stair on the outside of the building’s upper levels does not assist in articulating volumes and minimising bulk

Objective

- Seeking endorsement from the DRP of the removal of the external stair to the upper levels

05
Design Update

- Atrium Redesign

Objective

- Seeking endorsement from the DRP of the re-design of the atrium

01. Visual Bulk & Scale

DPIE Comments

- Mitigate the visual bulk of the building
- Illustrate how the bulk and scale of the proposed building is compatible with the evolving streetscape

DRP Comments

- The panels suggested that the design team to review the positioning of the recessed plant level to the northern most corner tower to confirm the overall proportions of the proposed built form.



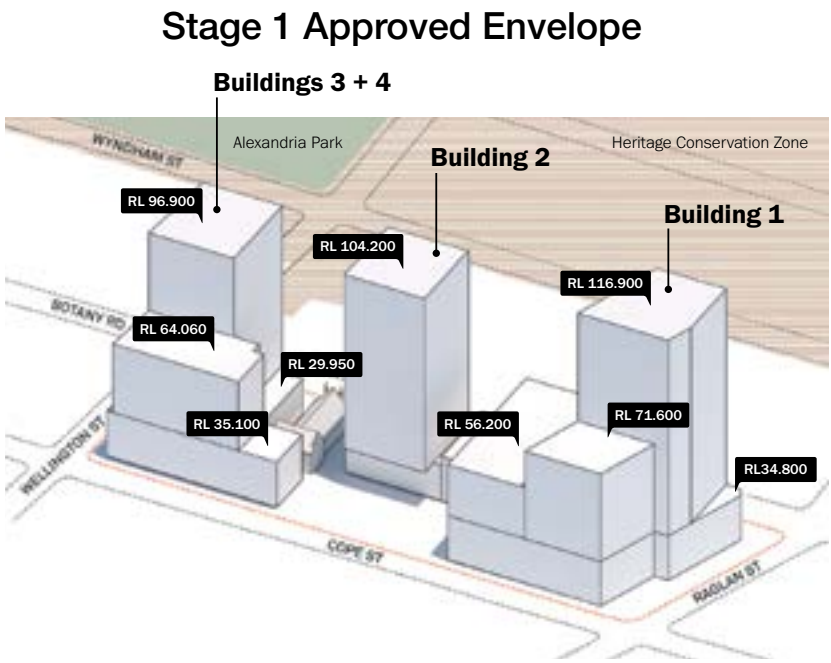
01. Visual Bulk & Scale

BUILDING ENVELOPE EVOLUTION

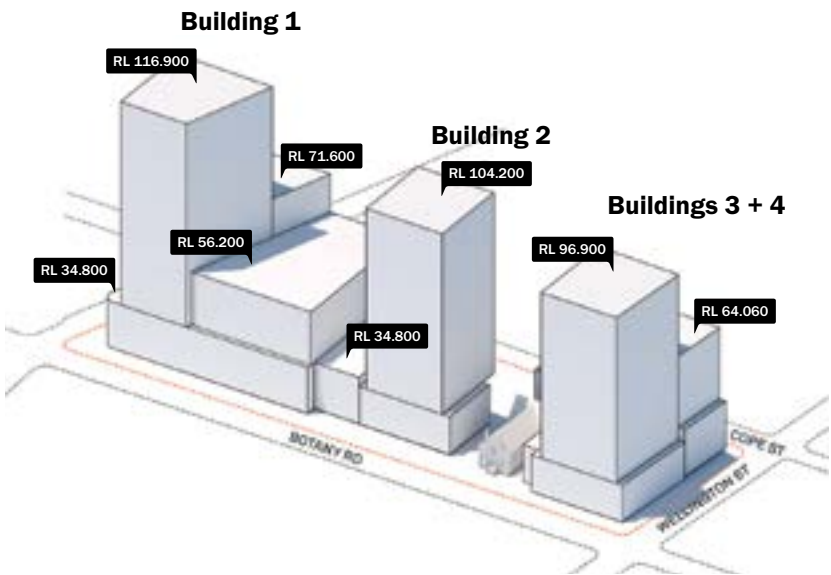
Response

- The visual bulk and scale have been carefully considered from the inception of the project. The overall massing has progressively evolved to minimise the visual impact on the surroundings.
- The built-form is lowered by 24m from the approved stage 1 envelope.
- The massing has progressively evolved to minimise the visual impact on the surroundings, as well as improving on the shadow impacts.

REDUCTION OF BUILDING HEIGHT

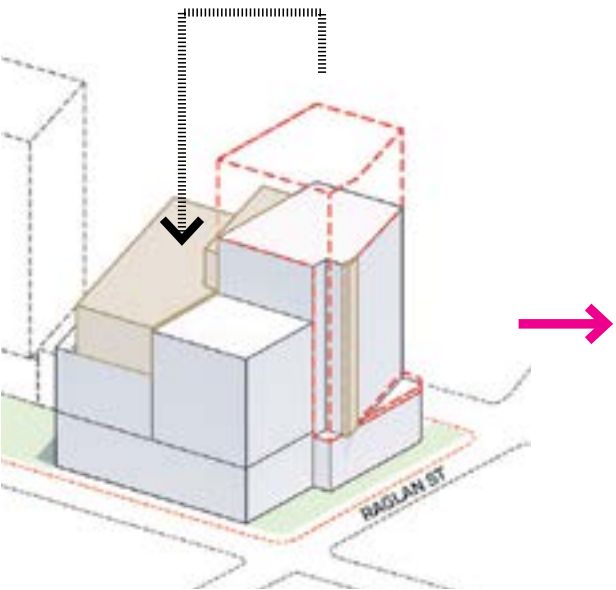


Approved envelope, view from north-east

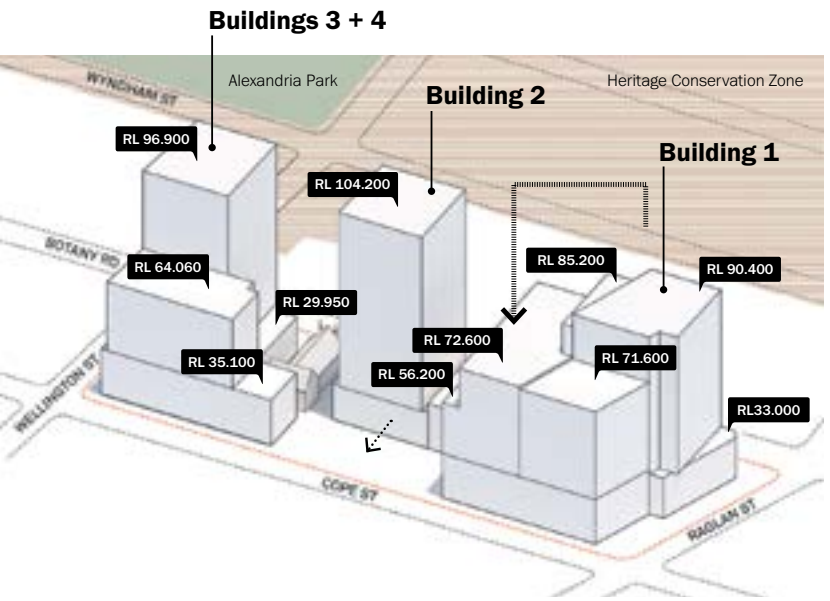


Approved envelope, view from south-west

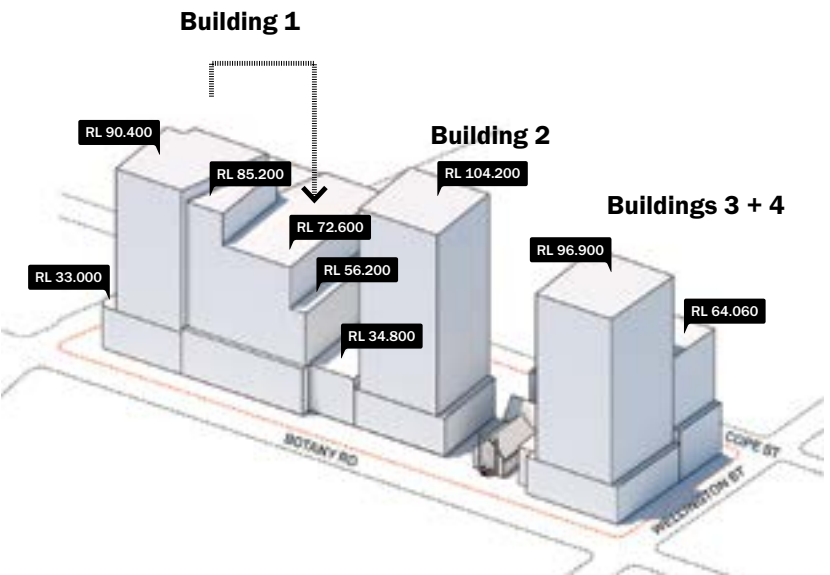
Envelope Modification



Proposed Envelope



Amended envelope, view from north-east



Amended envelope, view from south-west

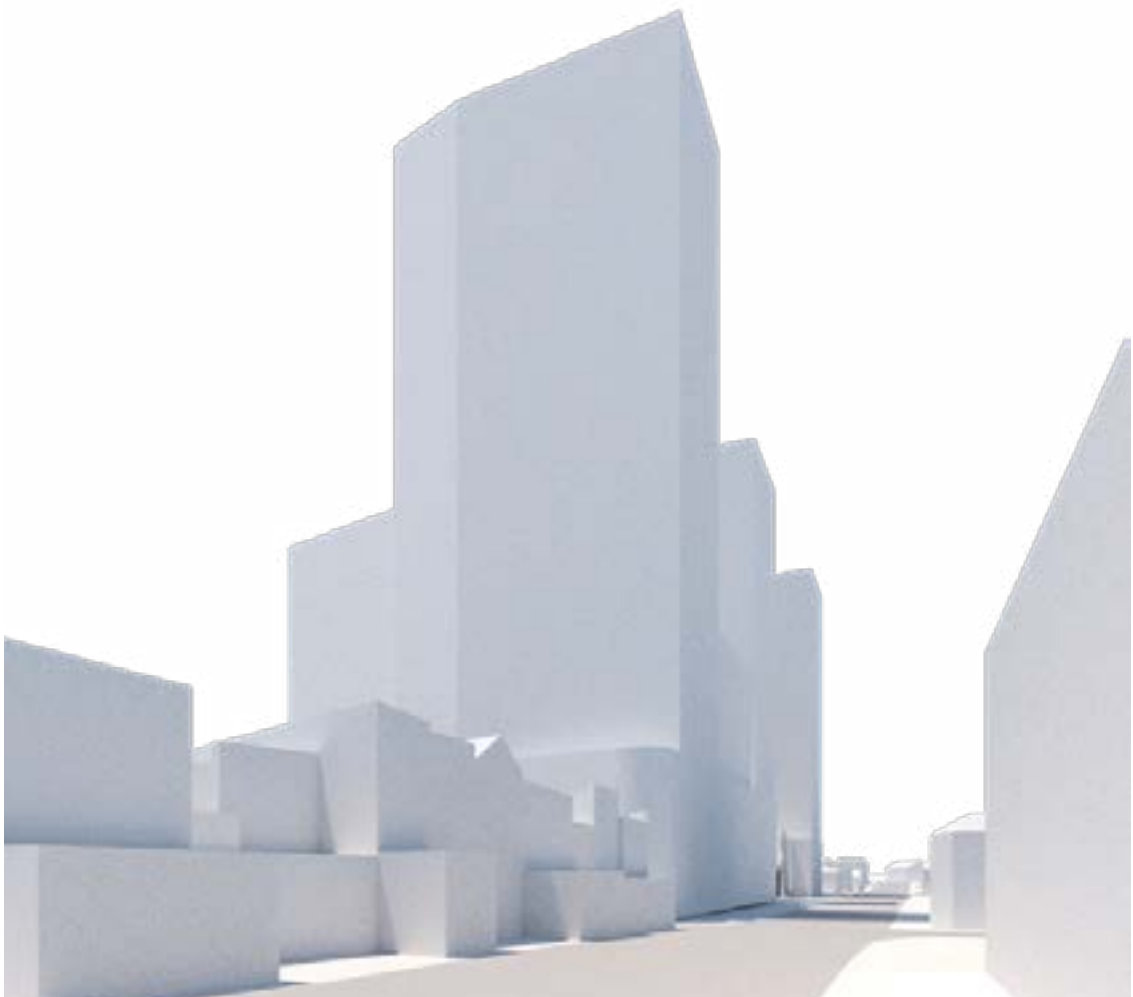
01. Visual Bulk & Scale
BUILDING ENVELOPE EVOLUTION

Response

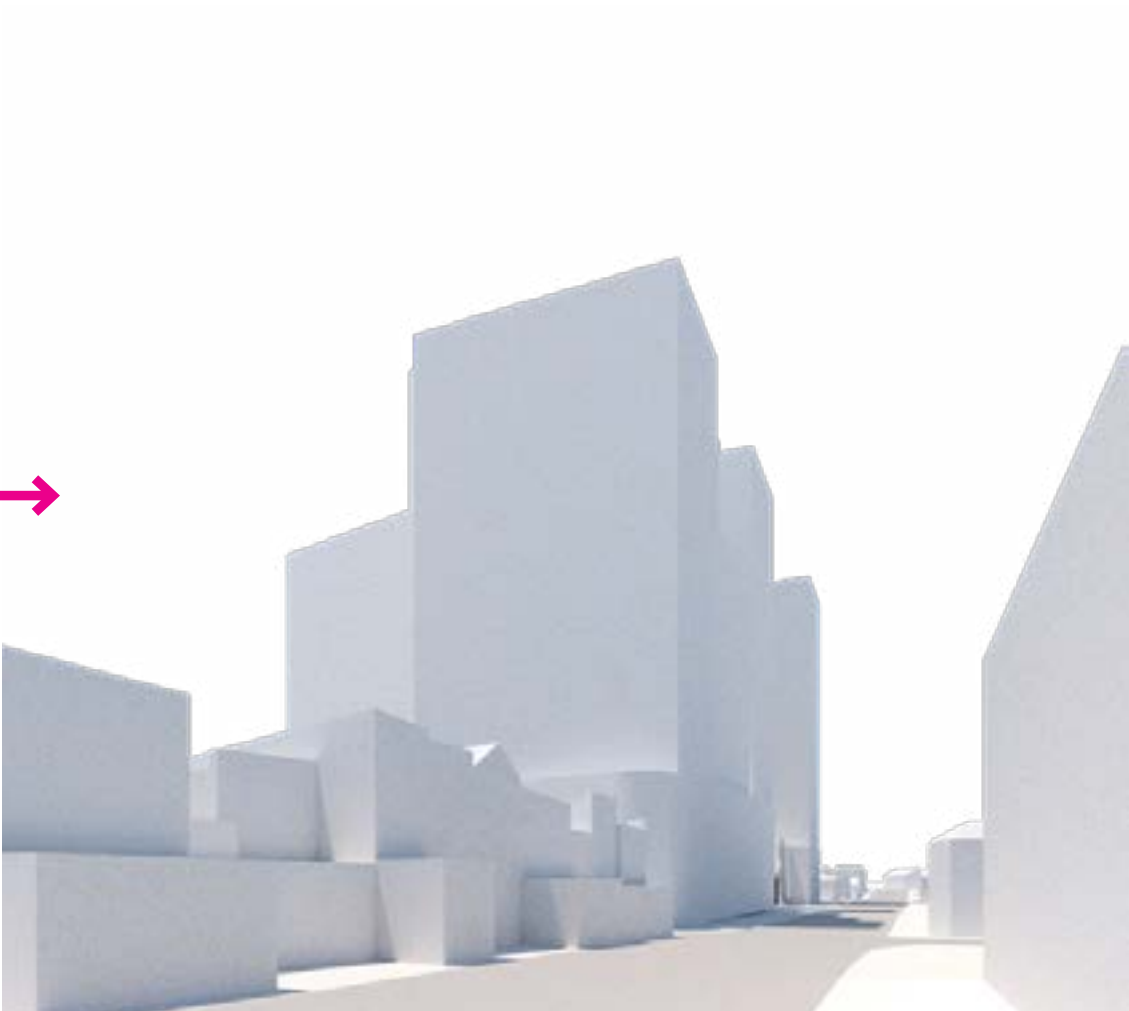
- The visual bulk and scale have been carefully considered from the inception of the project. The overall massing has progressively evolved to minimise the visual impact on the surroundings.
- The built-form is lowered by 24m from the approved stage 1 envelope.

VIEW FROM BOTANY RD LOOKING SOUTH

Stage 1 Approved Envelope



Proposed Envelope



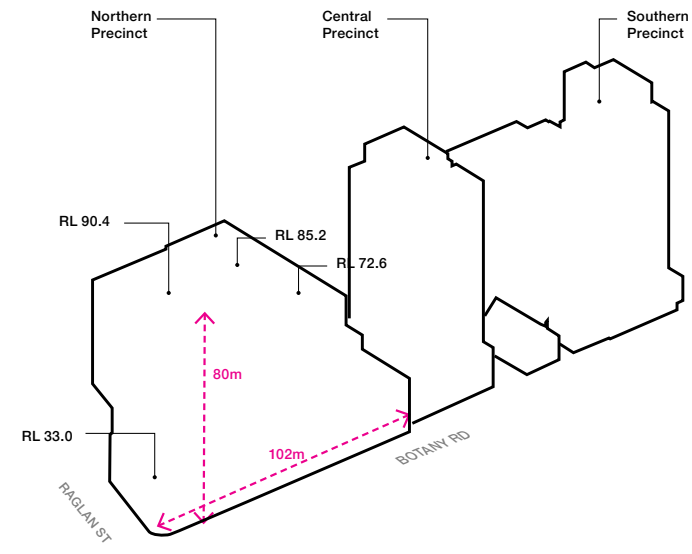
01. Visual Bulk & Scale

MASSING STRATEGY

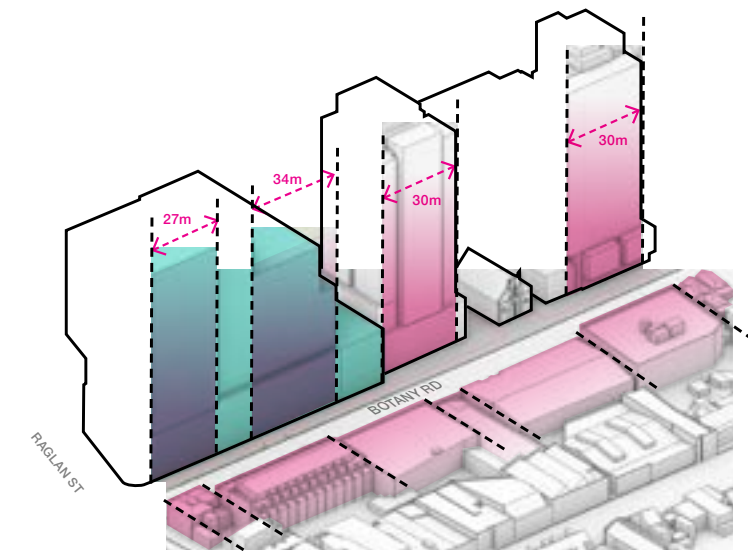
Response

- The design acknowledges the diversity of built-forms in the surrounding context. The massing is carefully carved and articulated to de-scale the building creating a coherent relationship to the adjacent built-forms.

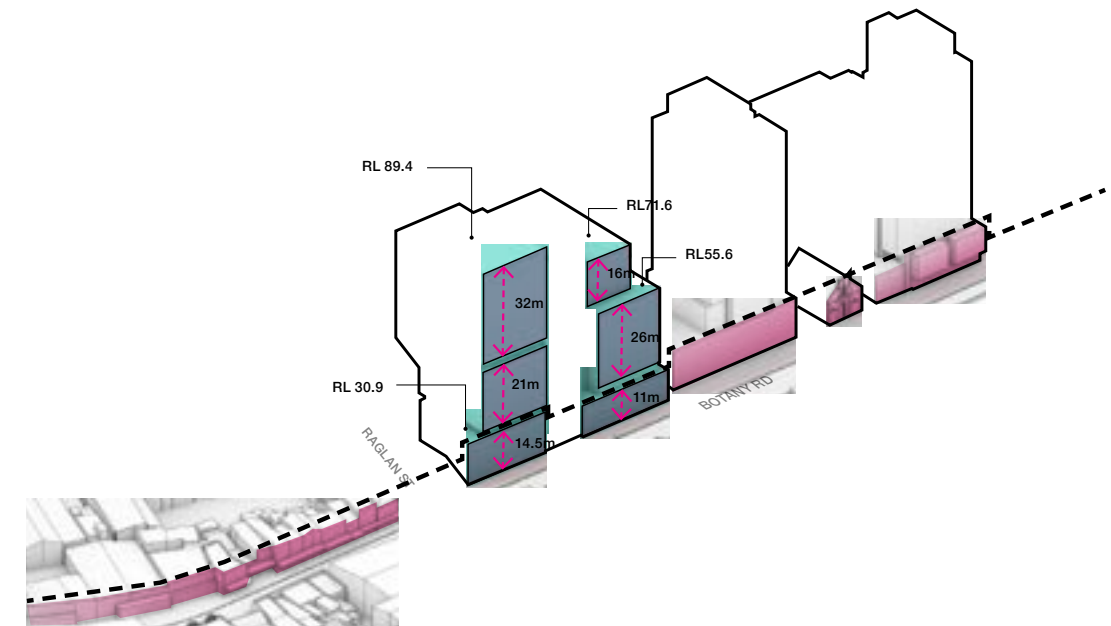
PROPOSED ENVELOPE IN CONTEXT



RELATING TO PRECINCT SCALE



RELATING TO STREET SCAPE

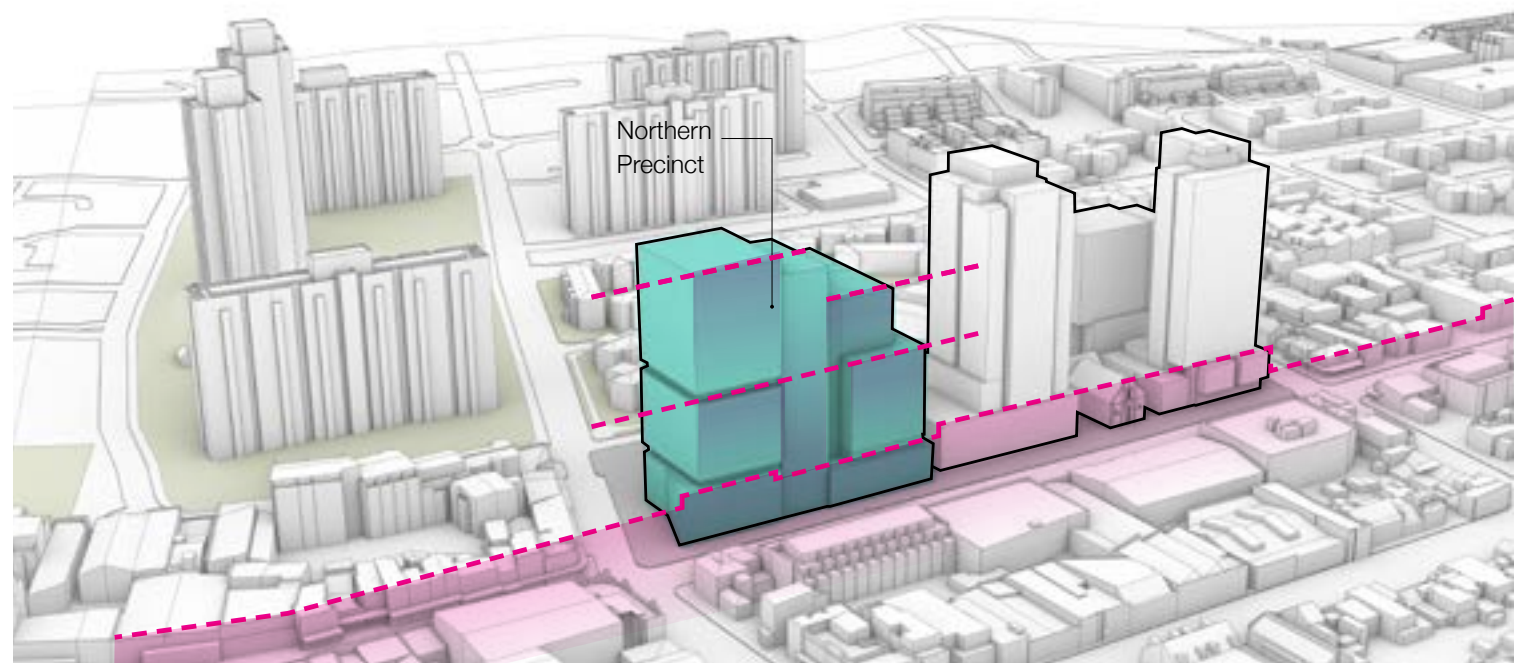


01. Visual Bulk & Scale
ADDRESSING EXISTING & FUTURE CONTEXT

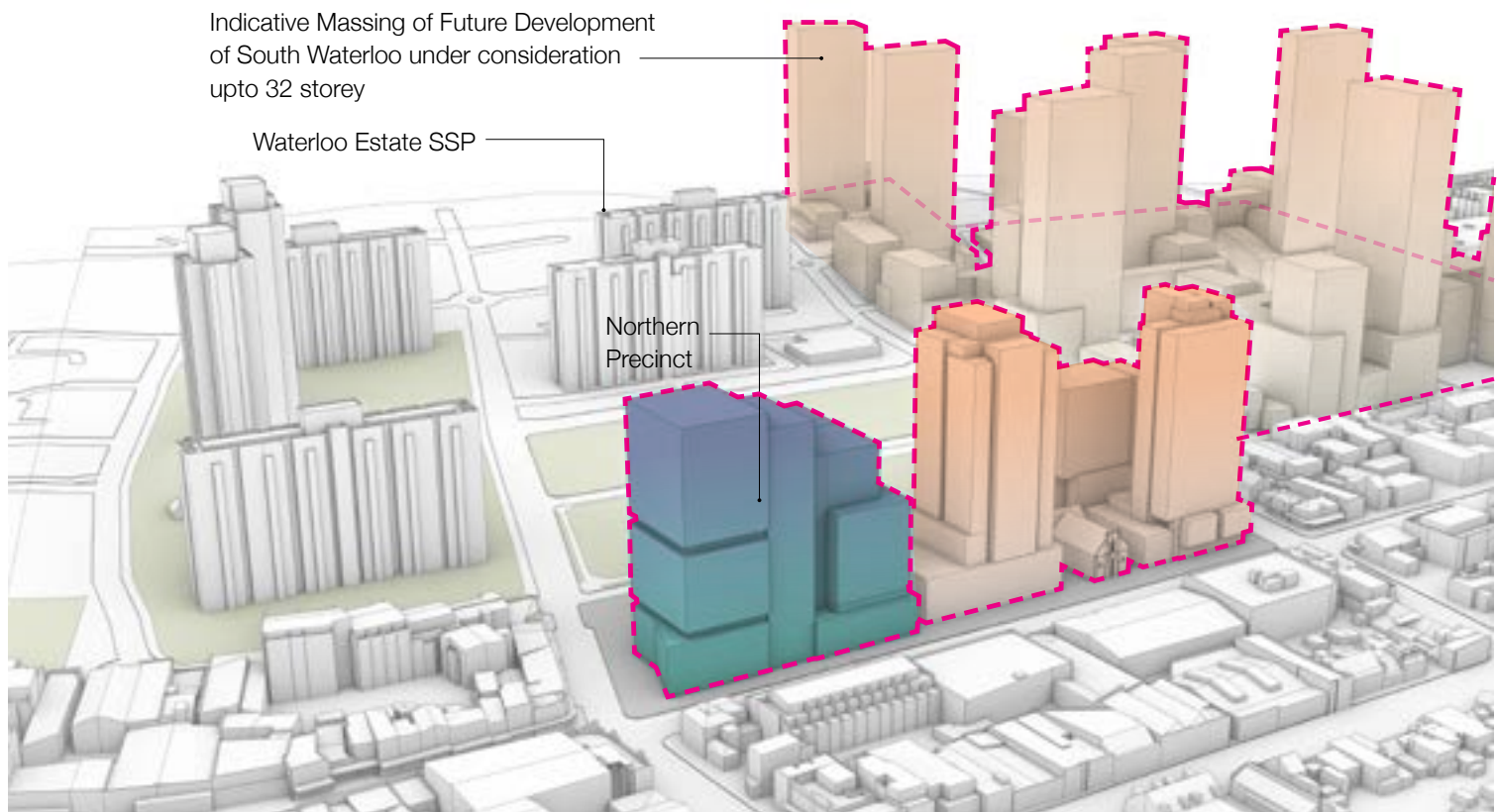
Response

- The building's overall composition considers the two opposing scales (streetscape of Botany and the towers of the future development). While maintaining the tower form as the primary reading, the articulated sub-datums break the buildings' scale down.

PODIUM RELATING TO STREET WALL



TOWER FORM RELATING TO THE FUTURE CONTEXT



01. Visual Bulk & Scale

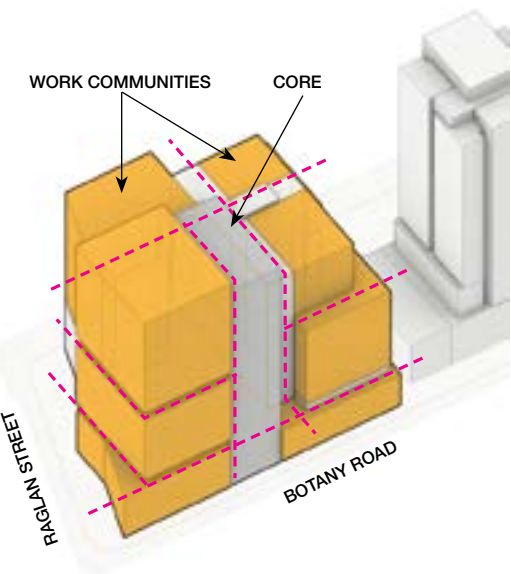
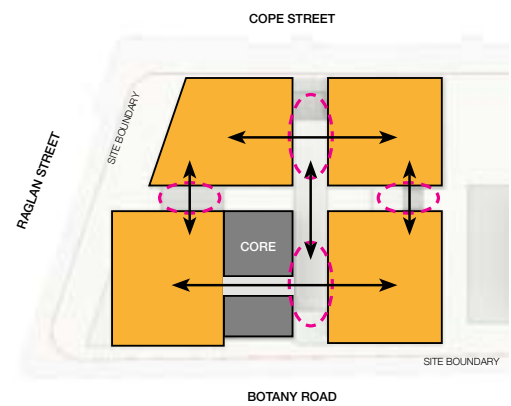
MASSING STRATEGY

Response

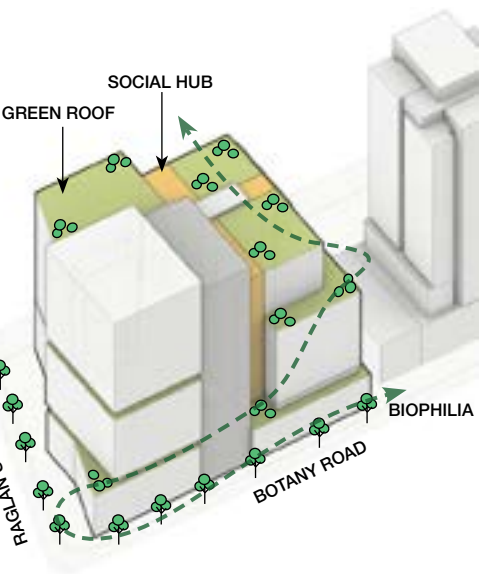
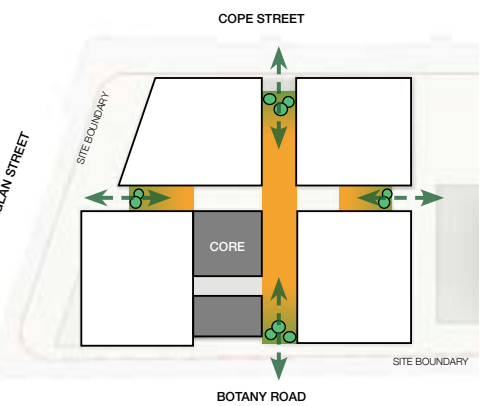
- The form is broken into smaller communities forming four quadrants.
- The building also includes a through-site link and atria cutting through the building horizontally and vertically allowing visual interactions between the communities and the public.

CREATING SCALABLE COMMUNITY

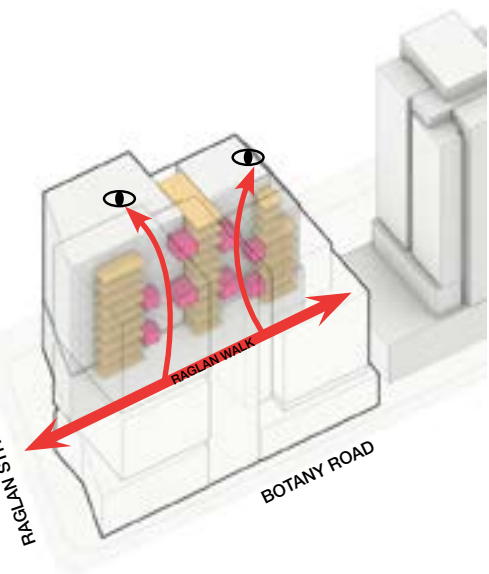
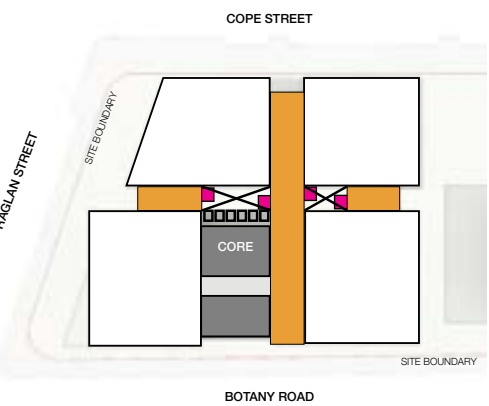
Forming clusters of communities



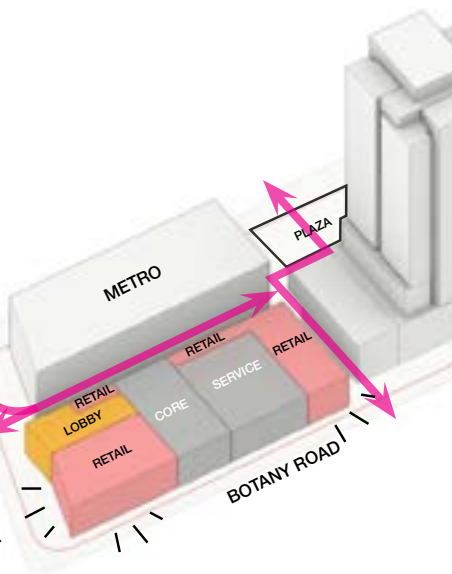
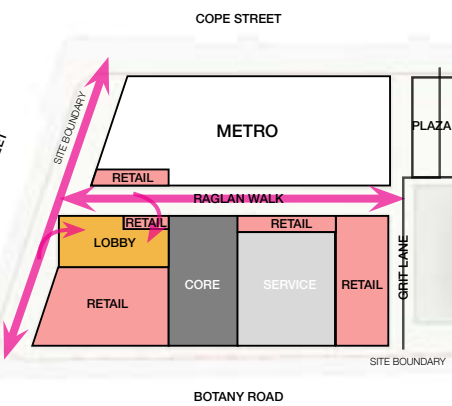
Bringing nature into the building



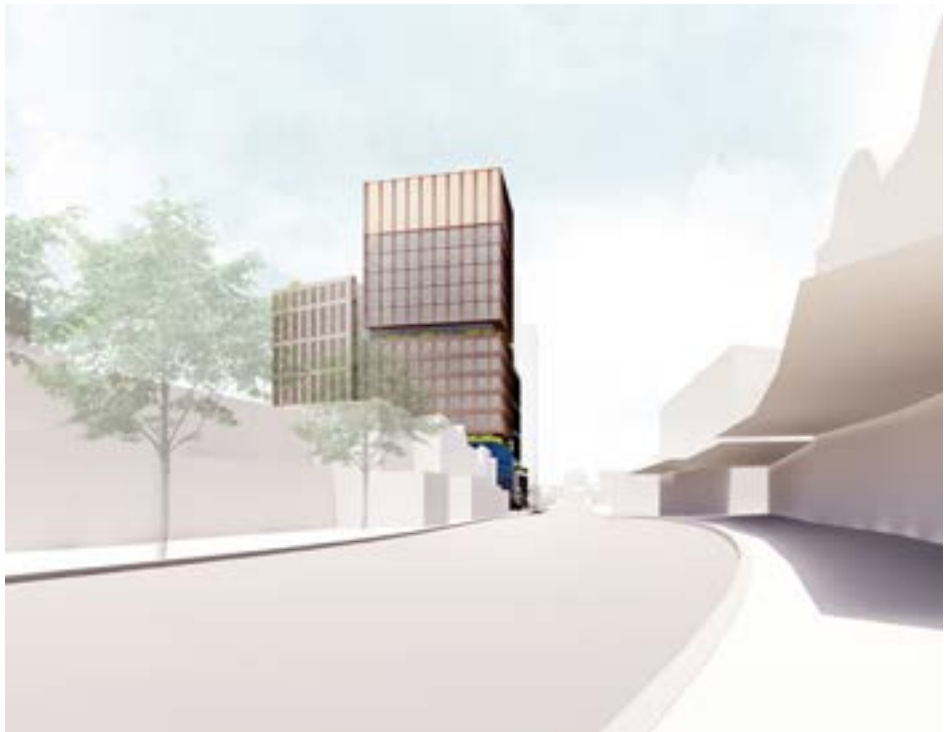
Connected and Interactive



Integrated Ground Plane



01. Visual Bulk & Scale
URBAN VIEWS



Botany Rd looking south



Henderson Rd looking east



View from Alexandria Park



Cope St looking South

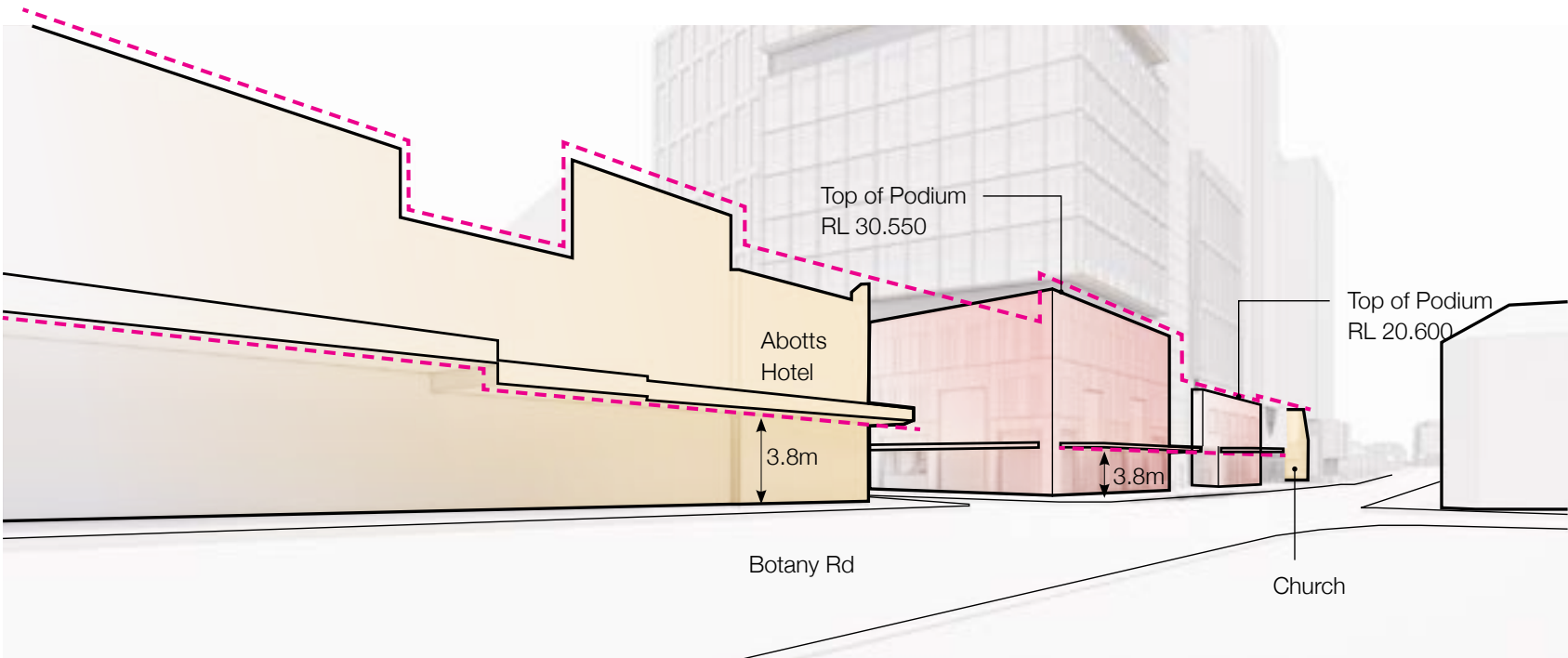
01. Visual Bulk & Scale
MASSING STRATEGY

Response

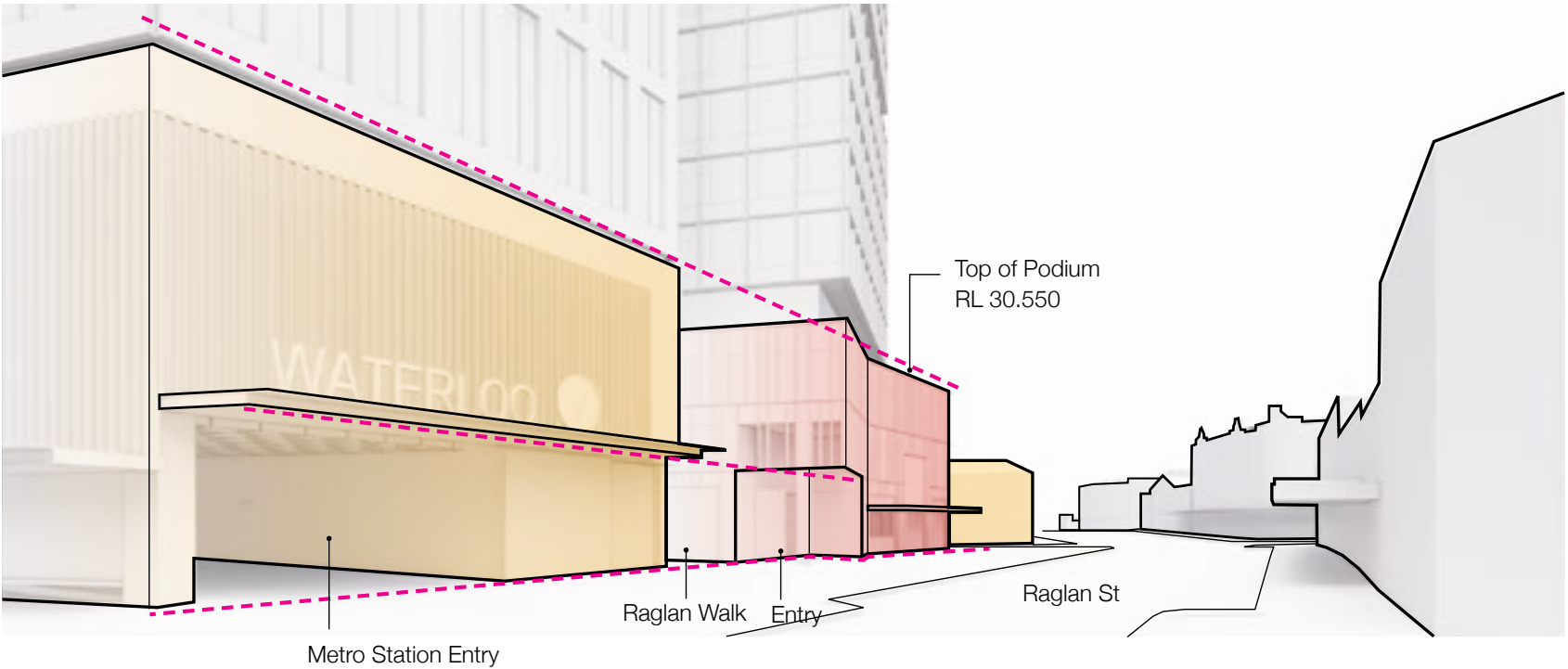
- The design includes a legible podium layer consistent with the adjoining streetscape in its scale, datum, articulation and character.

PODIUM ALIGNMENT TO STREET WALL

Botany Rd



Cope St



01. Visual Bulk & Scale

MASSING STRATEGY

Response

- The fine-grain embellishment of the podium facade further reinforces the existing Botany rd’s human-scale street character.

STREET SCAPE RELATIONSHIP



Botany Rd Elevation



Plan diagram of Facade Articulation

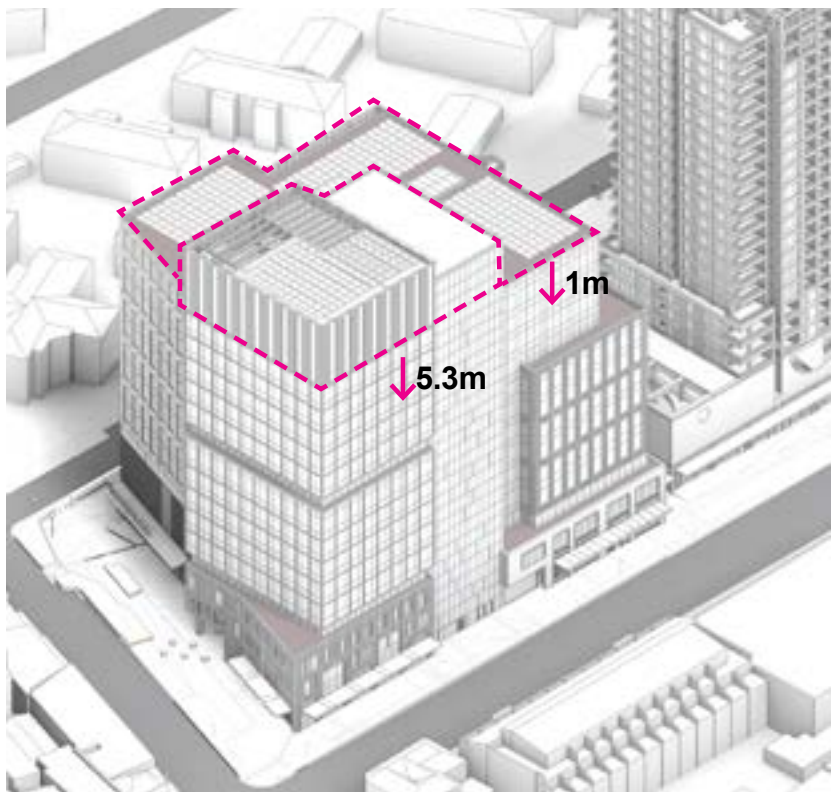


Plan diagram of Facade Articulation

01. Visual Bulk & Scale
PROPOSED FURTHER REDUCTION

Response

- The proposed reduction of height by additional 5.3m from DA further reduces the visual impacts.
- A floor is removed, and floor to floor height is reduced.



NORTH-WEST CORNER REDUCED BY 5.3M



DA Submission



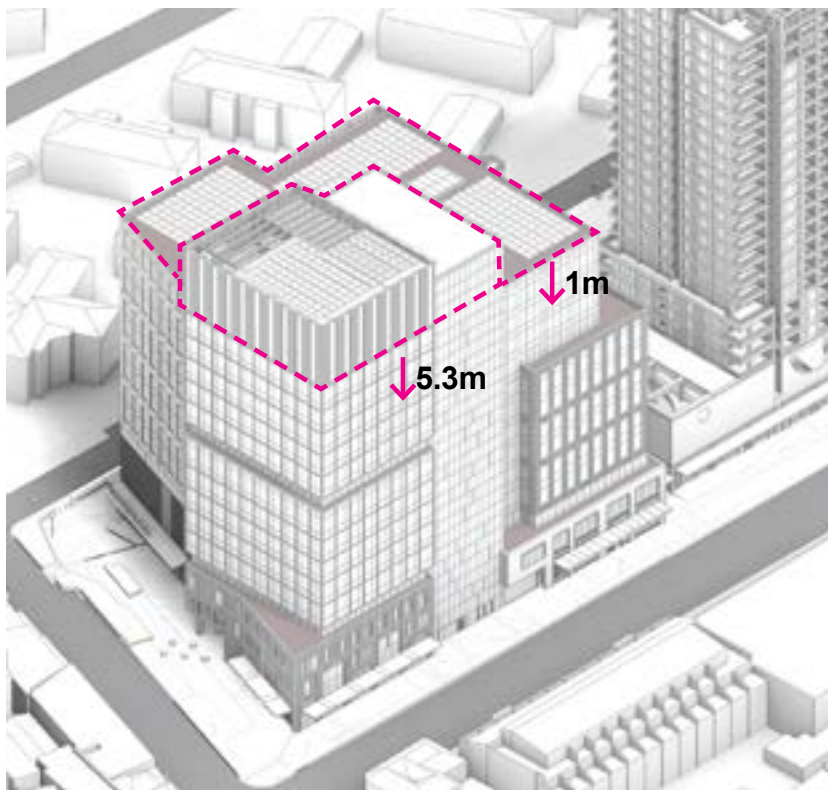
Proposed Update

01. Visual Bulk & Scale

PROPOSED FURTHER REDUCTION

Response

- The proposed reduction of height by additional 5.3m from DA further reduces the visual impacts.
- A floor is removed, and floor to floor height is reduced.



NORTH-WEST CORNER REDUCED BY 5.3M & L13 LOWERED BY 1M



DA Submission



Proposed Update

01. Visual Bulk & Scale
PROPORTION STUDY - BOTANY ROAD ELEVATION

Response

- The Design Team have reviewed the positioning of the recessed plant and confirmed the proposed position is most desirable
- The location on level 9 lines up with the roof of the southern volume creating a reference datum between varying heights as well as creating more consistent height to width ratio between the volume.



01. Visual Bulk & Scale

PROPORTION STUDY - BOTANY ROAD



Proposed



Lowered Recess



Lifted Recess

01. Visual Bulk & Scale
PROPORTION STUDY - RAGLAN STREET



Proposed



Lowered Recess



Lifted Recess

02. Architectural Character

City of Sydney Comments

- 'Warehouse character' not achieved strongly
- Clarity on materiality
- Robustness of core cladding



02. Architectural Character

MULTI-LAYERED EXPERIENCE

Response

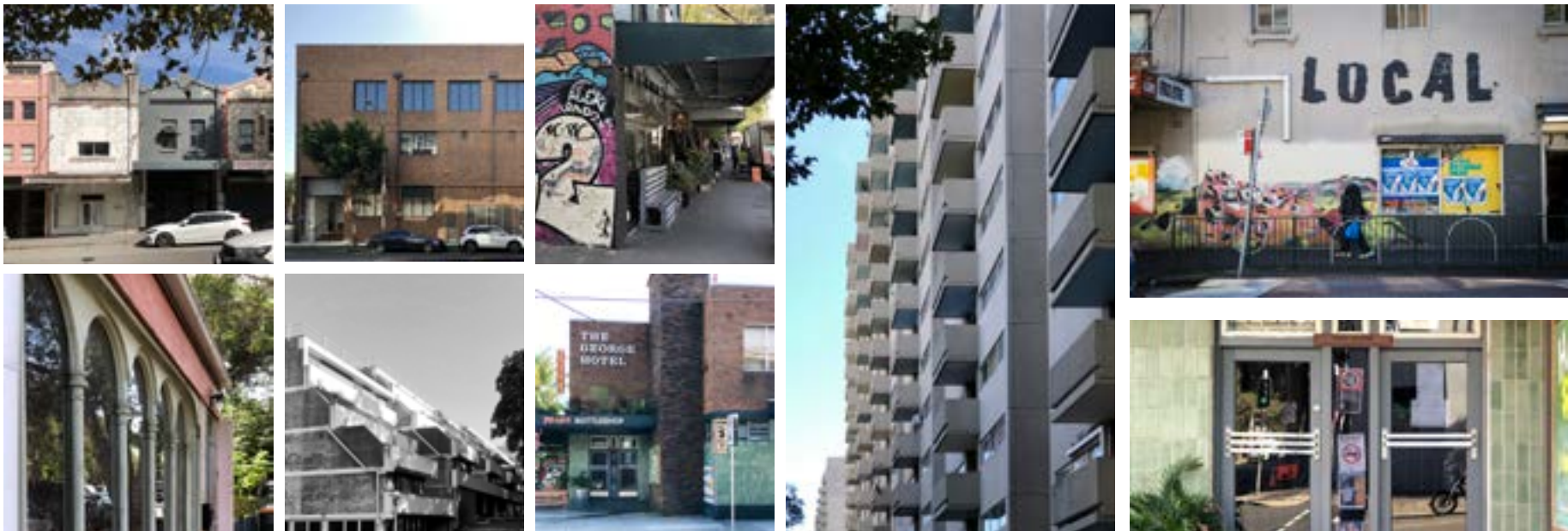
- The proposal draws its inspirations from the rich and resilient history of Waterloo.
- The layering of history, local character and local texture is evident in the overall design expressed through architectural detailing and materials choices.

Layered Experience

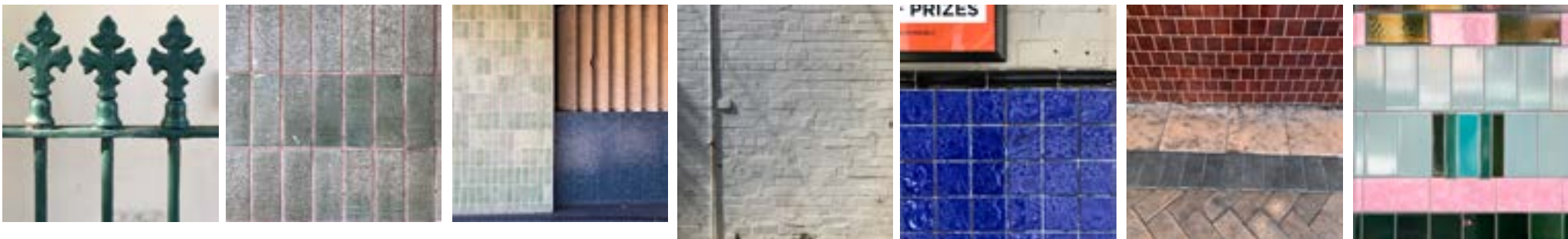
Historical Character



Local Character



Local Palette



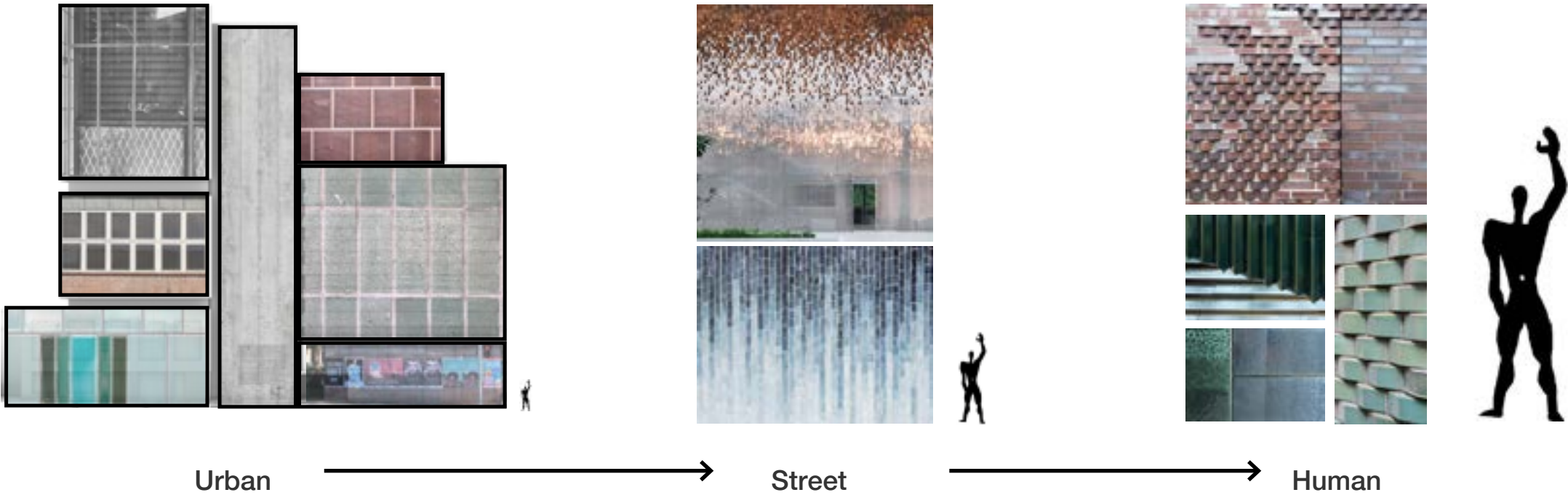
02. Architectural Character

MULTY LAYERED EXPERIENCE

Response

- The proposal draws its inspirations from the rich and resilient history of Waterloo.
- The layering of history, local character and local texture is evident in the overall design expressed through architectural detailing and materials choices.

Materiality & Experience at different scales



Facade articulation Concept



02. Architectural Character
STREET ELEVATION



02. Architectural Character

MATERIALITY

Response

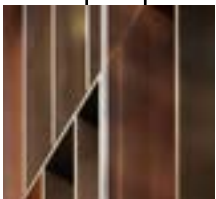
- The materials concept was to create an ‘eclectic mixture’ of the material inspired by the local palette’s diversity.
- Further description of the materials are provided in the follow pages.



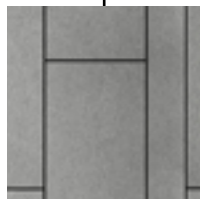
Botany Rd Elevation



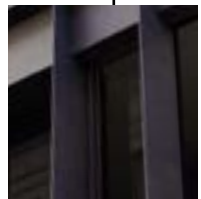
Glazed ceramic



PVDF or Metallic Powdercoat - Natural Copper



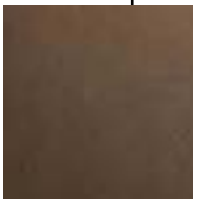
Equitone Panel or Similar



Powdercoat Aluminium - Black



PVDF or Metallic Powdercoat - Green Copper

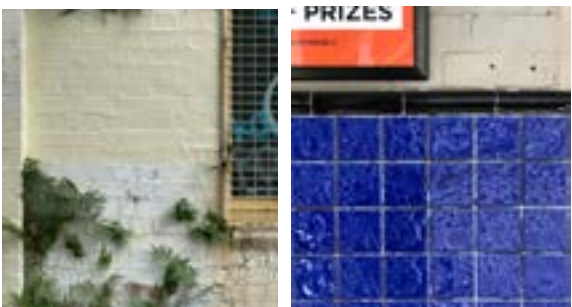
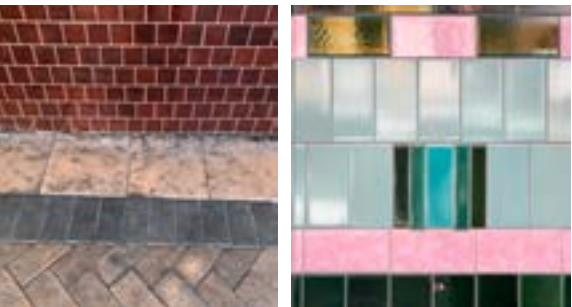


Powdercoat Aluminium - Dark Bronze



Brickwork - Light Beige

Local Materials



02. Architectural Character

STREETSCAPE



02. Architectural Character

STREETSCAPE



02. Architectural Character

MATERIAL DESCRIPTION - NORTH WEST TOWER



Reference image



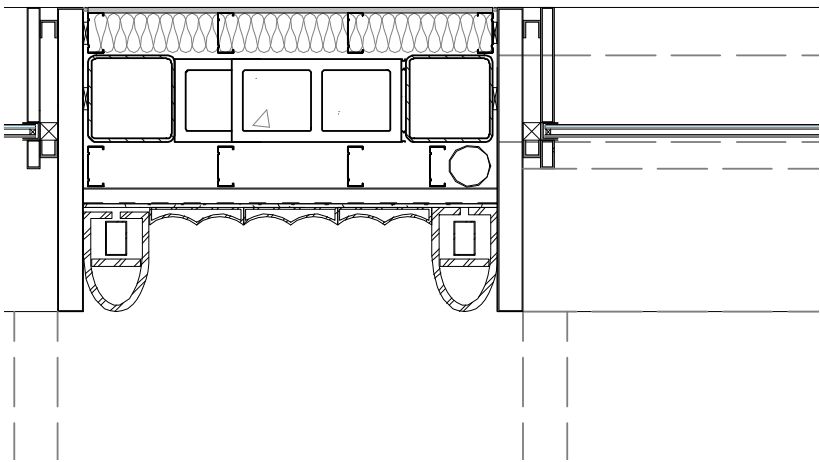
Indicative Sample Photos of PVDF and Metallic Powdercoat - Natural Copper Colour

Response

- PVDF or Metallic Powdercoat Aluminium - Natural Copper

02. Architectural Character

MATERIAL DESCRIPTION - NORTH WEST PODIUM



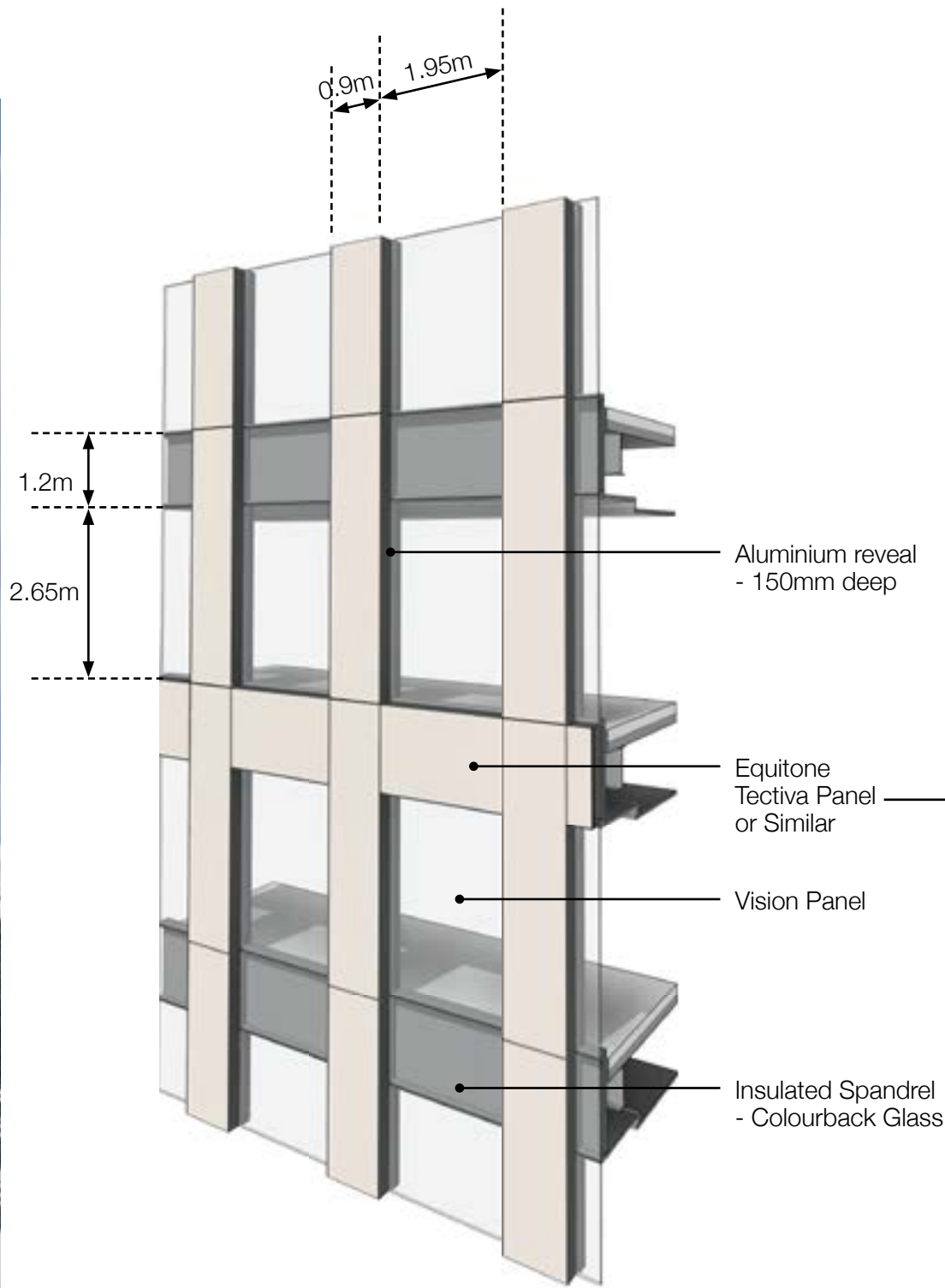
Reference of Ceramic Cladding

Response

- Glazed Ceramic Cladding - Turquoise colour

02. Architectural Character

MATERIAL DESCRIPTION - NORTH EAST TOWER



Detail view of the facade



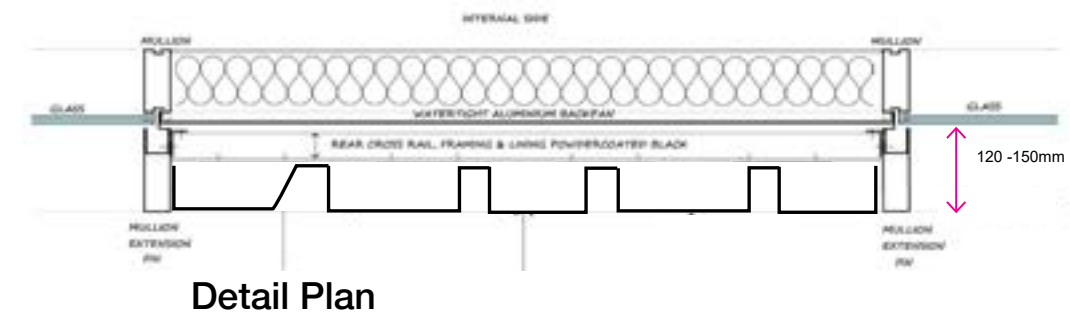
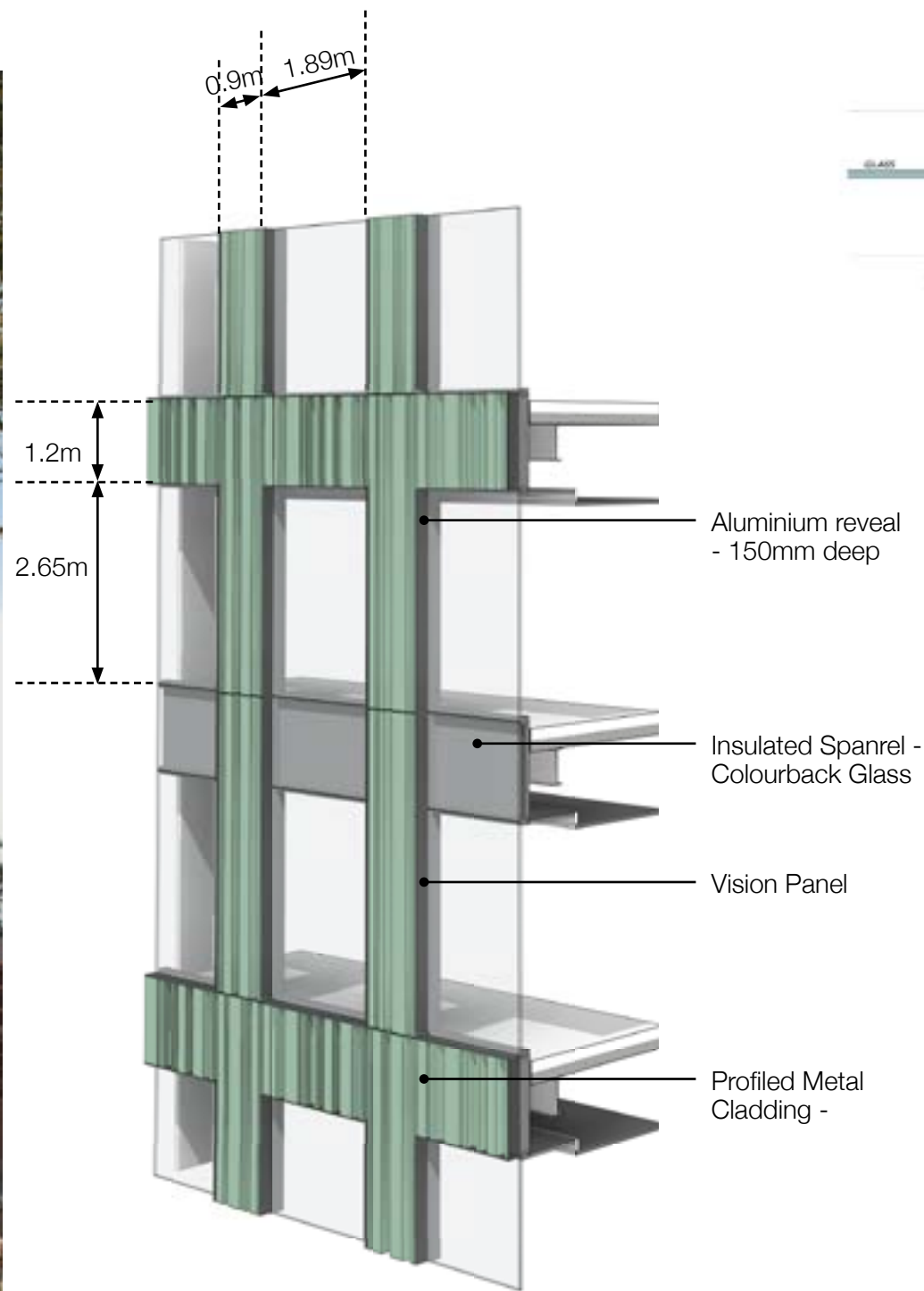
Reference of Equitone Tectiva Panels

Response

- Equitone tectiva or similar - Light beige

02. Architectural Character

MATERIAL DESCRIPTION - SOUTH WEST TOWER



Reference of Copper Coloured Metal Cladding - Ravenswood College, Gordon

- Response
- PVDF or Metallic Powdercoat Aluminium - Green Copper

02. Architectural Character

MATERIAL DESCRIPTION - SOUTH WEST PODIUM



Response

- Brickwork - Dry-pressed light beige colour

View from South West - DA



View from South West - Proposed



02. Architectural Character

CORE

Response

- The improvement to the core cladding is proposed with additional brick layer to the podium levels enhancing masonry character of streetscape as well as providing robustness.
- Fenestration is added to the core wall providing light and views to the amenities.



DA Submission



Proposed Update

02. Architectural Character
ADDITIONAL CHARACTER IMPROVEMENTS

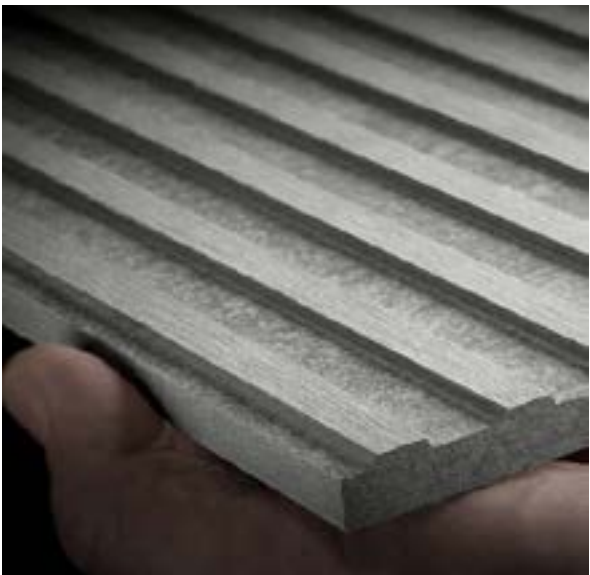
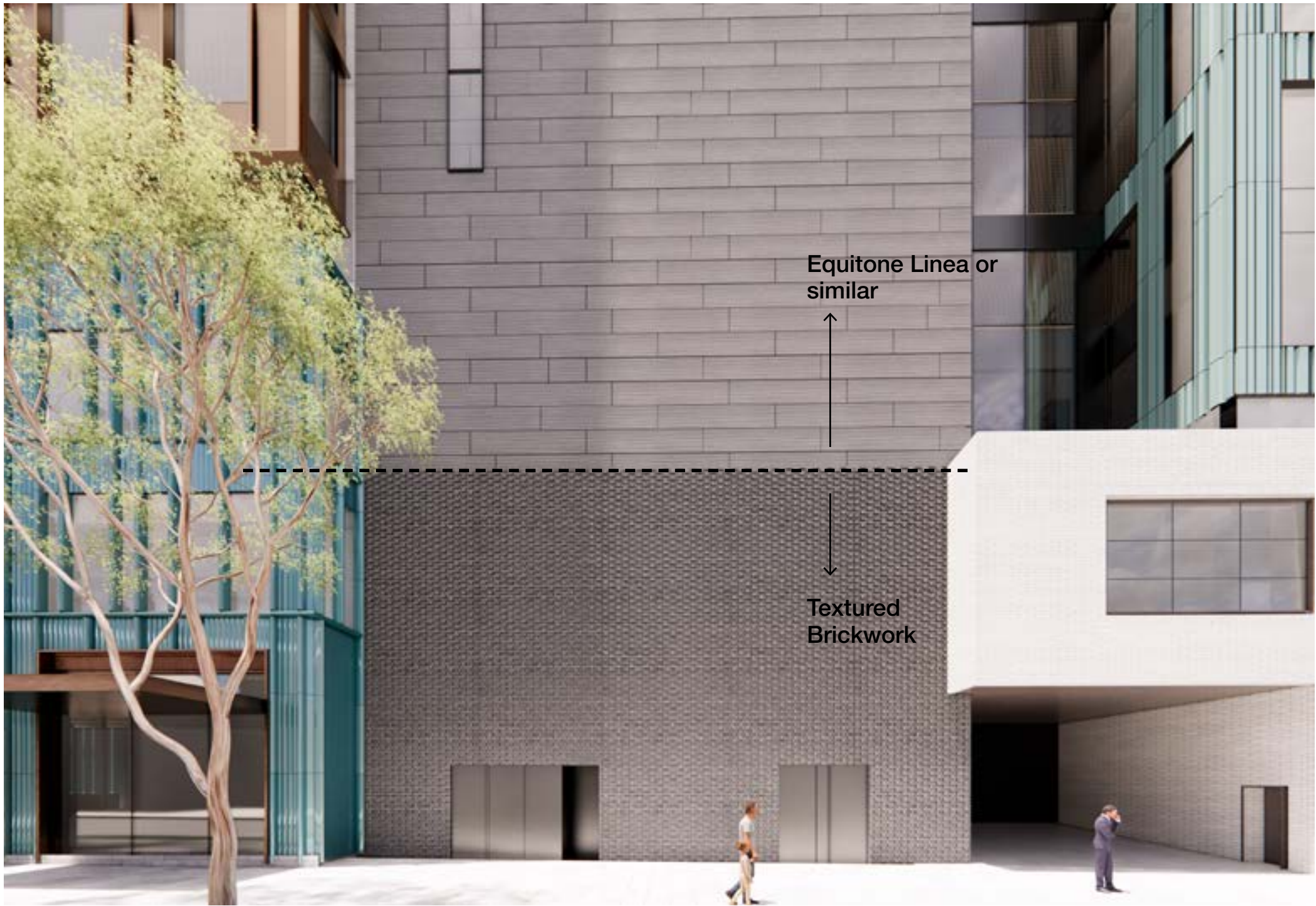


Textured Brick Reference

Response

- Brickwork - Dry-pressed Dark Grey Colour

02. Architectural Character
ADDITIONAL CHARACTER IMPROVEMENTS



Equitone Linea

Response

- Equitone Linea or similar - Dark Grey Colour

02. Architectural Character

BUILDING SIGNAGE



• Signage will be illuminated and architecturally integrated into the building envelope

Maximum Signage Zone

Locations for the building signage zones, including sky signage, are outlined in the elevations to the side; nominally on the West, North and East elevations at the plant level of the tower.

These are intended to be clearly visible ensuring building identification, as well as being of an appropriate size and scale to the context.

Additional signage zones are also provided at street level above the building entry and top of the podium on Raglan St.

- The proposed signage shall be subject to separate DA and include the following:
- maximum size of 50 sqm for the tower (eg. 16.5 x 3m per sign)
 - 10 sqm for podium (eg. 7.3 x1.4m per sign)
 - maximum height of 3m
 - illuminated
 - integrated with overall building design
 - integrated with building details for any fixings and coordinated with the structure
 - coordinated with any air flow required for the plant rooms

02. Architectural Character

BUILDING SIGNAGE - RETAIL

The proposed retail signage is indicative only and requires the development of a coordinated precinct wide strategy.

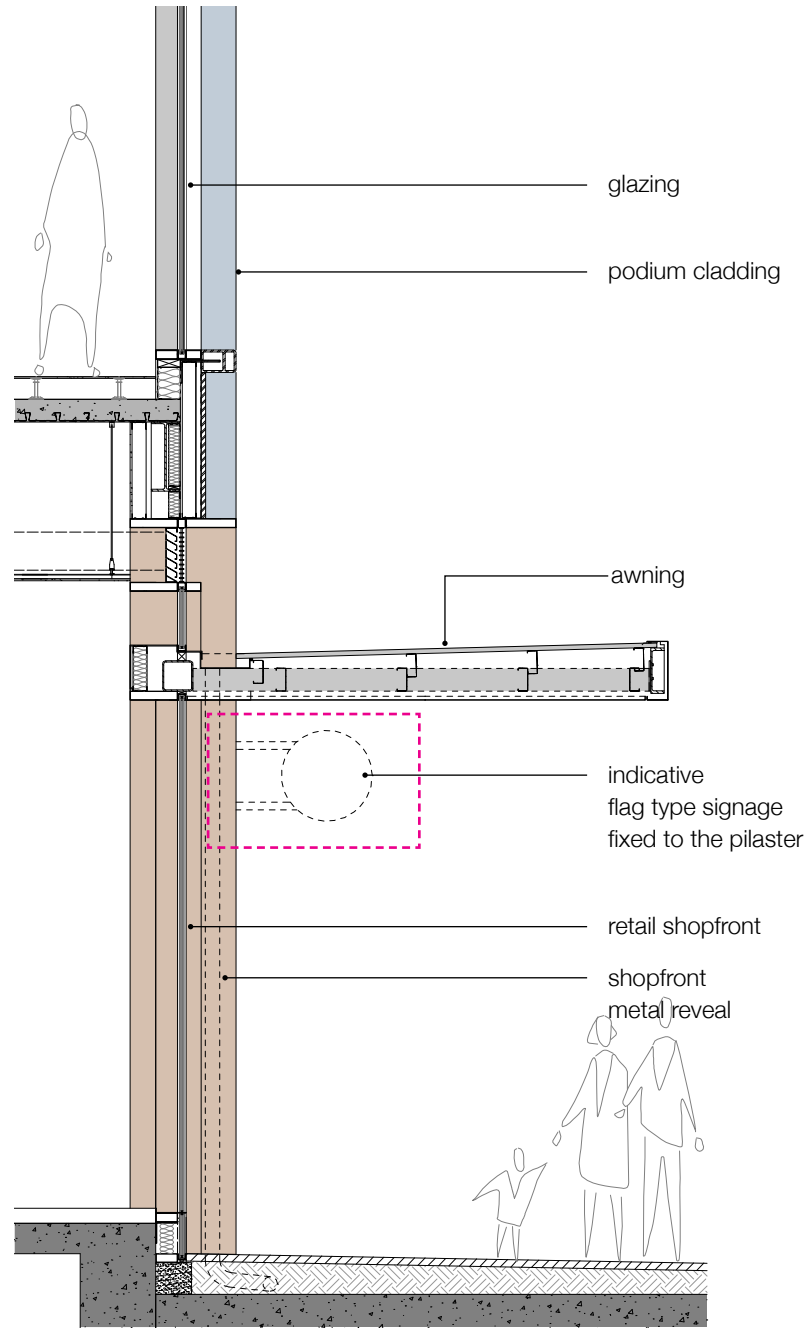
Some key common elements to be identified and agreed on include:

- common line of height throughout the various buildings and in line with awnings
- maximum size and type of signage

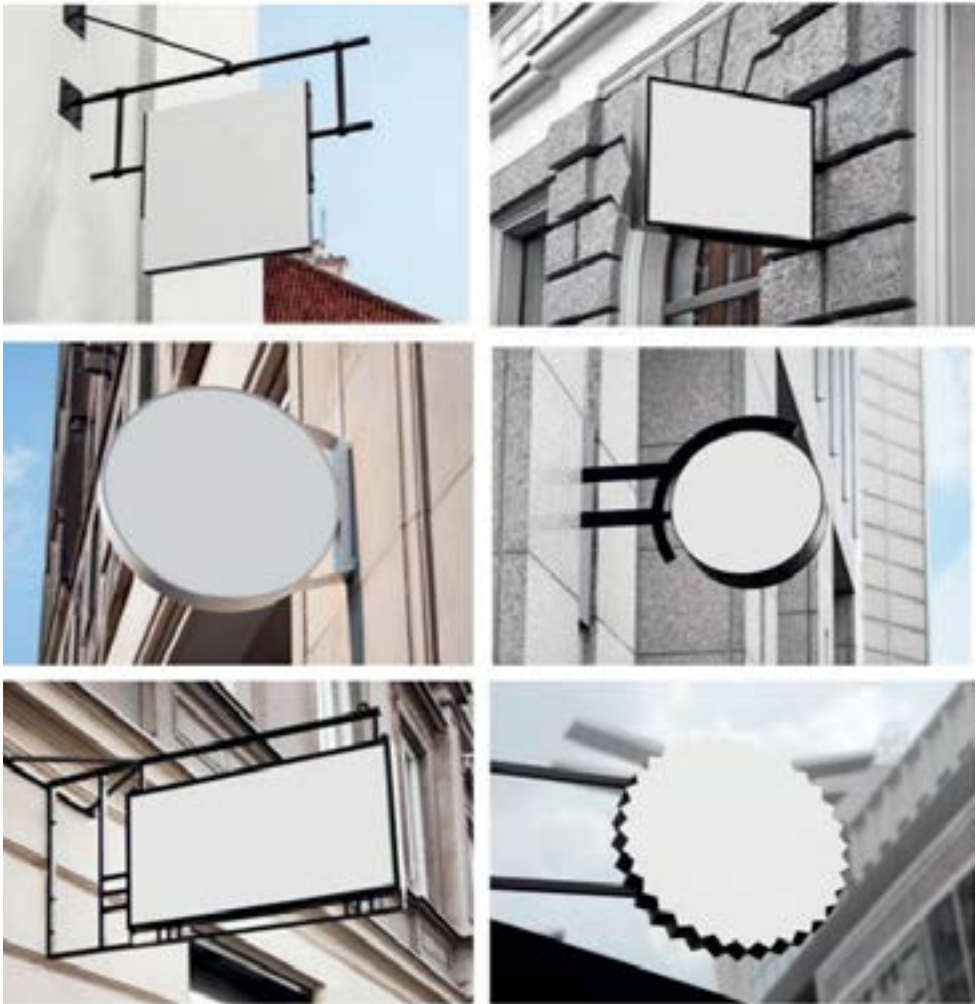
For now and with in mind the character of the Northern Precinct, the proposal envisages the use of boutique-like signage for retail tenancies that hangs off the podium facade without fixing directly on the rich glazed terracotta.

Signage will sit below the awning line and independent from the awning structure (ie. not hung), however sit above the pedestrian line with adequate head clearance.

The proposal is for all retail tenancies to have signage of this type including fronting Botany Road, Raglan Street, Raglan Walk, Grit Lane. Access to the EOT facilities from Botany Road will also be sign posted using a similar methodology.



Typical Section Through Podium Shopfront



Precedents of Flag-type Signage

02. Architectural Character

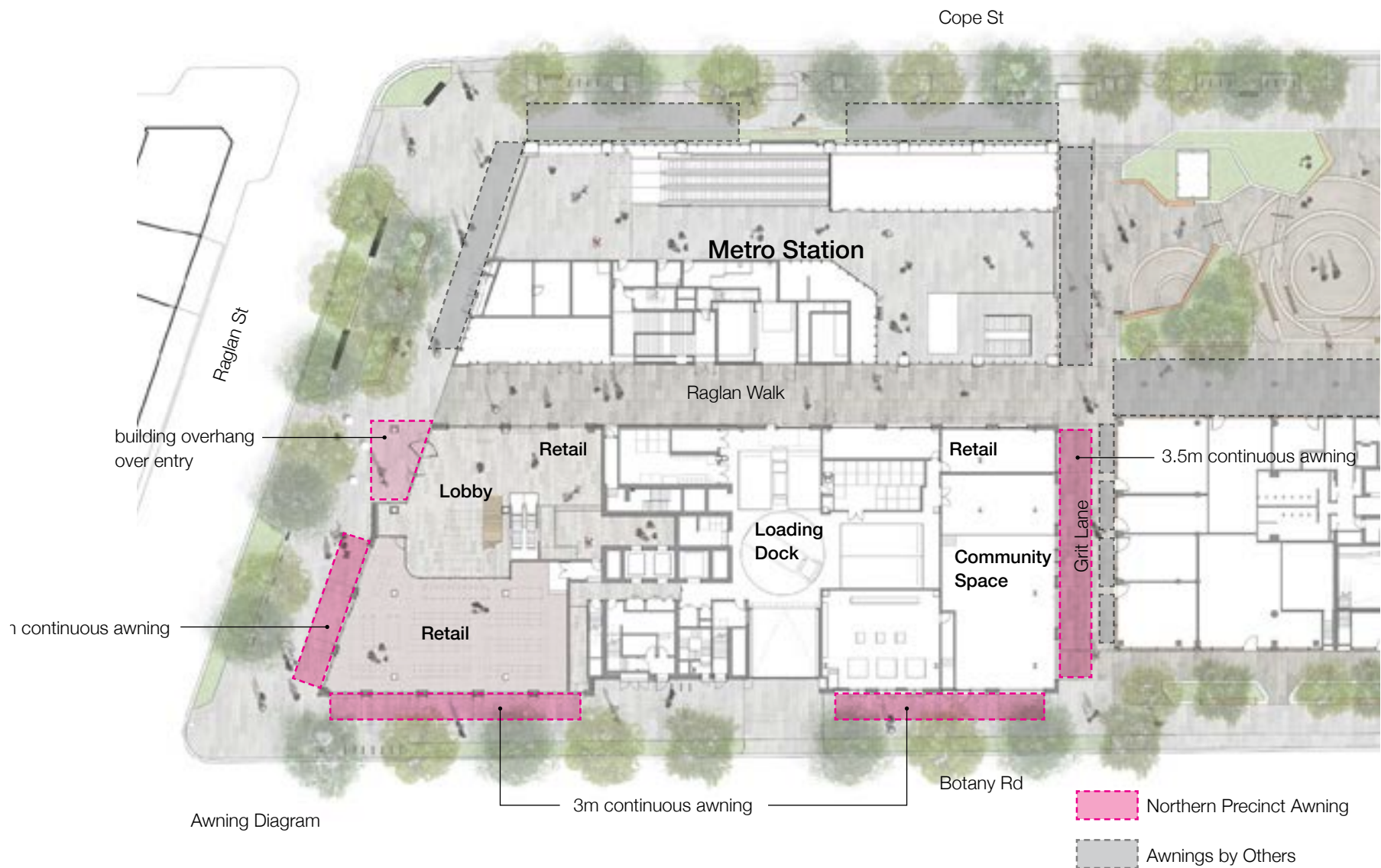
AWNING STRATEGY

As part of a coordinated precinct wide strategy, awnings are provided along all street frontages for wind and weather protection (except along Raglan Walk) also generating greater visual interest and pedestrian amenity, especially along Botany Road. The awnings provide intuitive wayfinding for pedestrians to and from the metro station and around the Northern Precinct, and are designed to work with the rhythm of shopfronts and façade materials at podium.

Datum lines take direct reference from the surrounding context, including canopies over the Waterloo Metro Station entries, generating a continuous linearity between buildings that contributes to the design objective for an integrated development.

In order to break the long continuous banks of awnings, the design includes clear glass panels that will also provide opportunities to look up at the sky and have a perception of the tower above, maintaining a visual connection between the pedestrian plane and the commercial floors.

Generally constructed with steel and glass in line with the framing of shopfronts below, the architectural intent is to use a finer craft in the design of the awnings generating diversity between zones where the awnings are applied to. This will bring textural refinement at street level in keeping with the local context.



Botany Rd South North



Botany Rd South



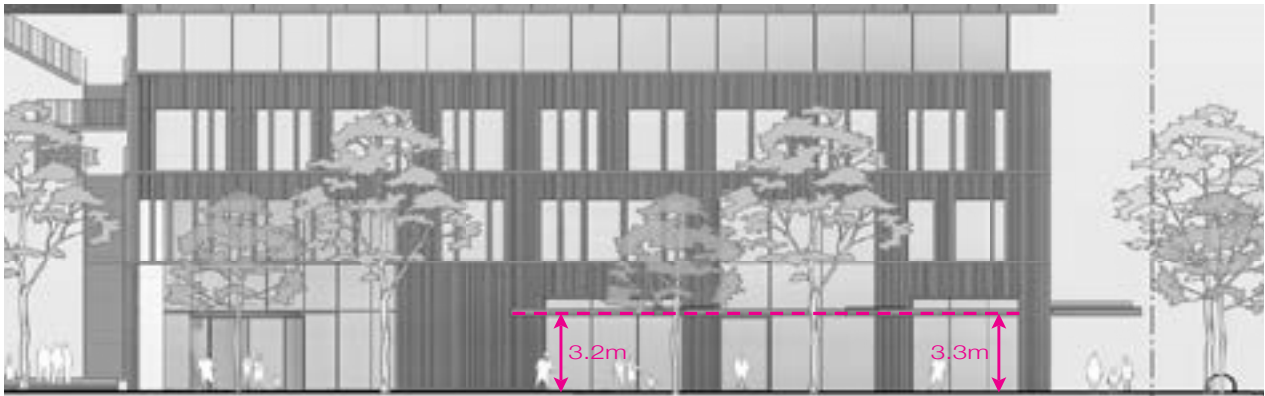
Grit Lane

02. Architectural Character

AWNING STRATEGY



Podium Elevation - West



Podium Elevation - North



Podium Elevation - South



Artist's impression - Botany Rd

03. Facade Performance

City of Sydney Comments

- The proposed is substantially glazed
- Unprotected west facing glazing and lack of sunshading
- Clarity on glazing specifications

DRP Comments

- The Panel recommends that the 200mm facade projection depth is reviewed during design development to improve its solar shading effectiveness

03. Facade Performance

SOLID TO WINDOW RATIO

Response

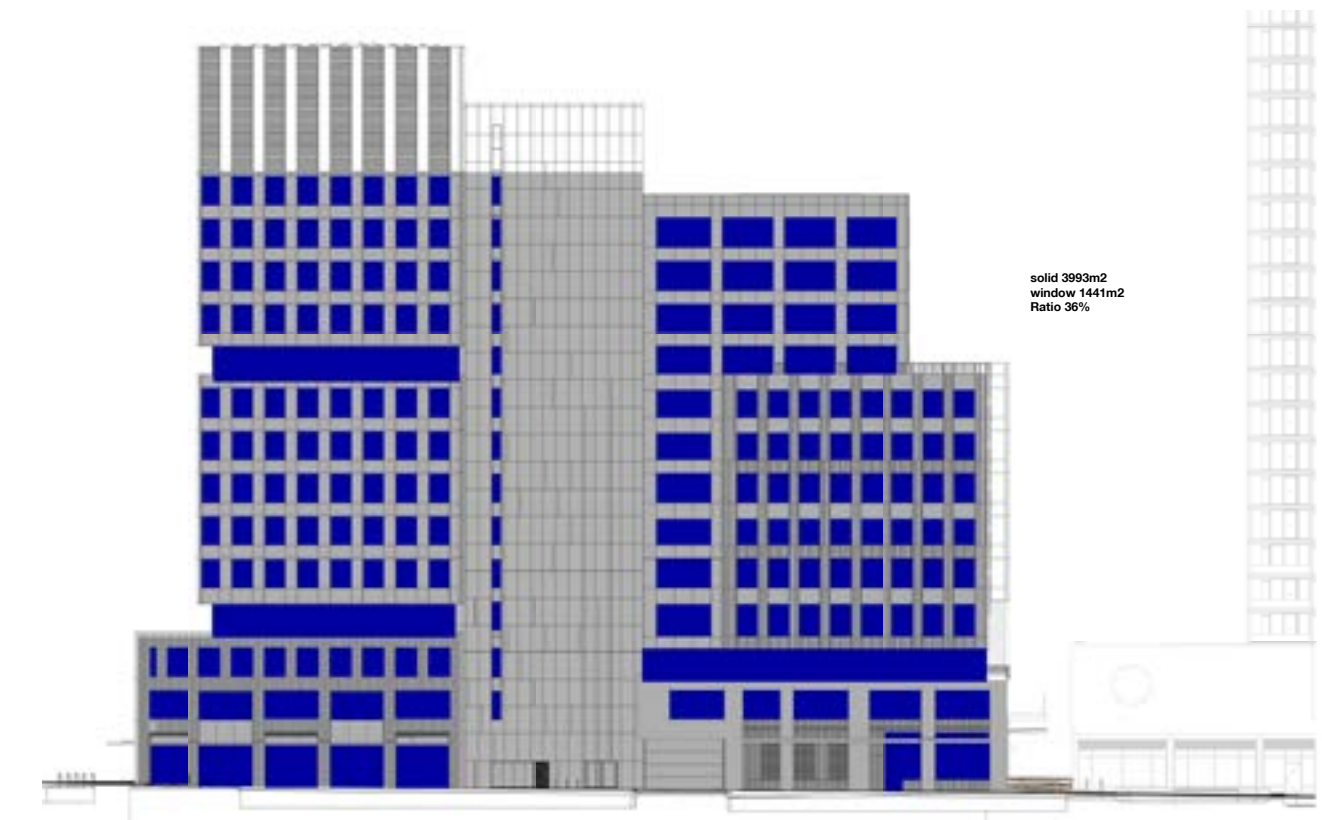
- The overall ESD strategy, including building envelopes and mechanical systems, is based on achieving a high standard of energy efficiency and comfort.
- The facade includes a large portion of insulated solid panels (circa 40% window to wall ratio) improving the building’s thermal performance, which exceeds section J requirement.



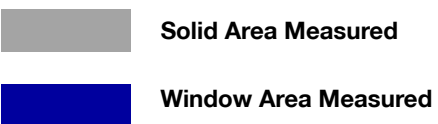
Typical Interior - Office Levels



West Elevation



West Elevation Vision Panel Areas



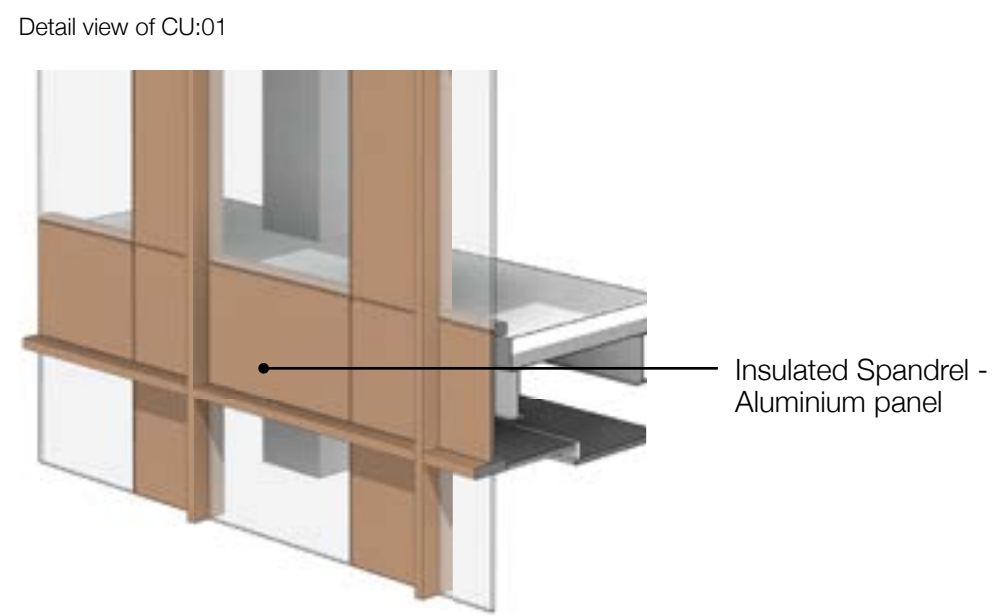
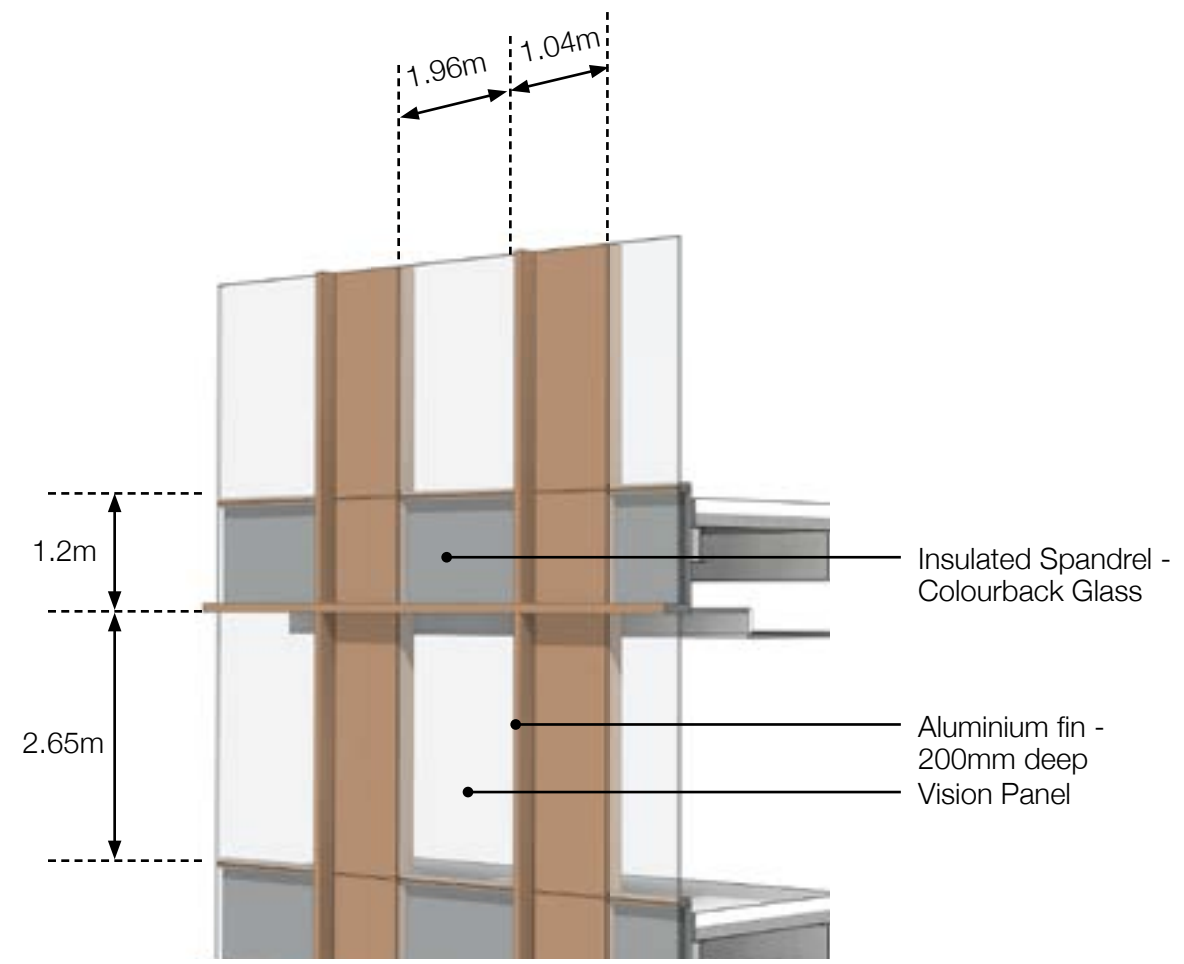
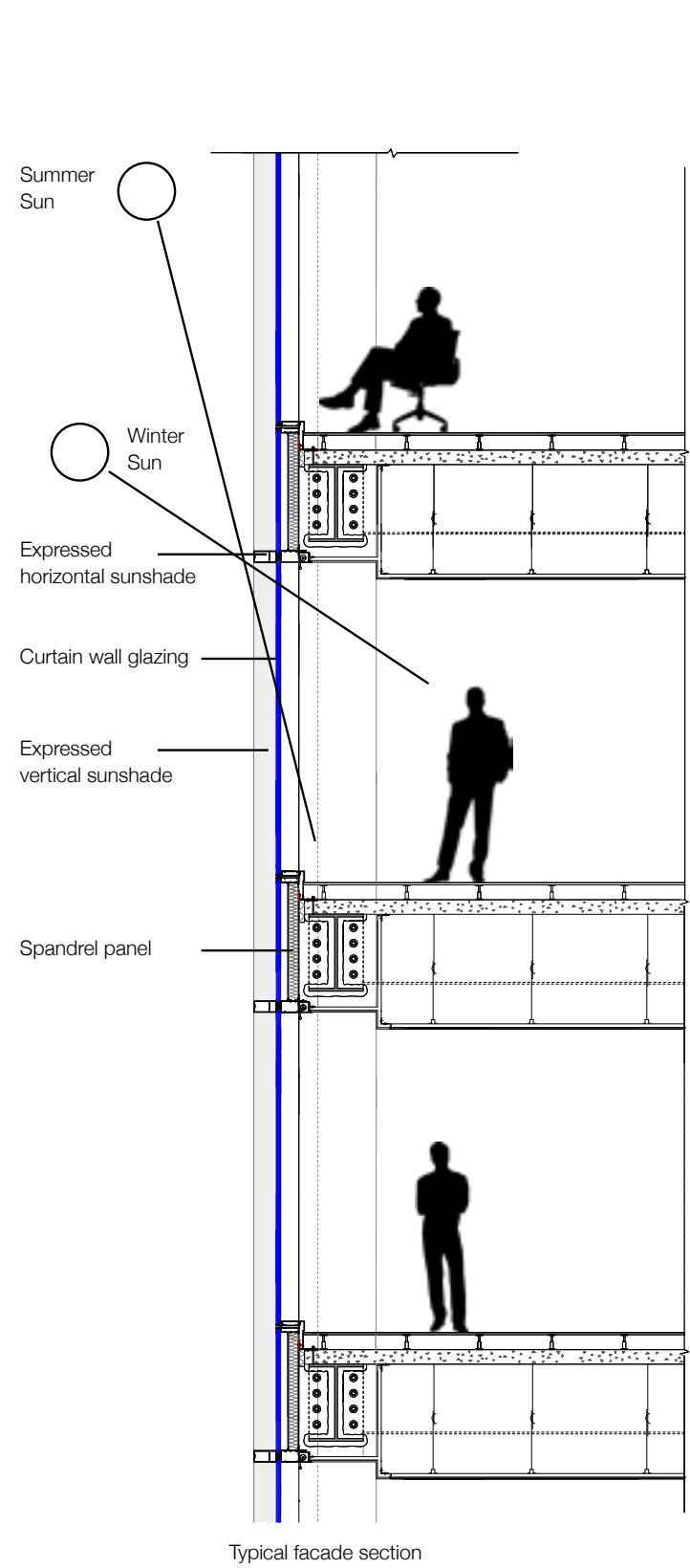
Window to Wall Ratio

West Elevation 36% Windows
North Elevation 46% Windows
East Elevation 40% Windows
South Elevation 44% Windows

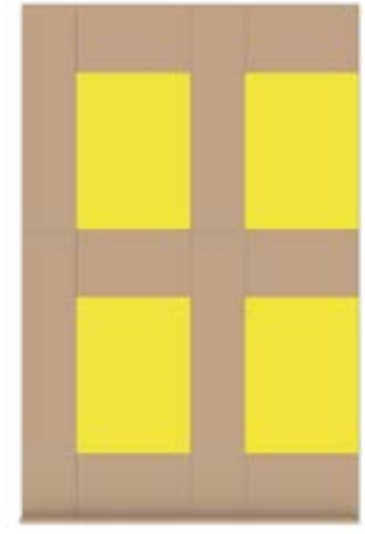
Total Average 41% Windows

03. Facade Performance

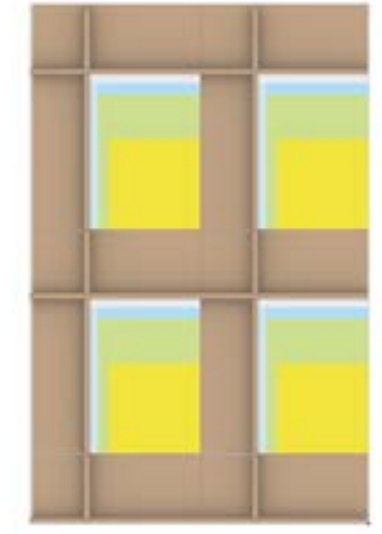
SOLAR GAIN ANALYSIS



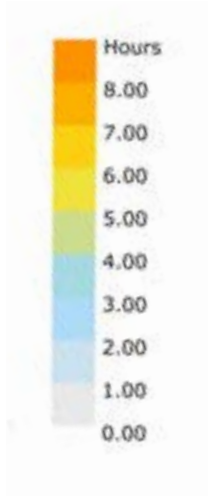
West Elevation Sun Hour Analysis
Mid Winter Day 9am to 5pm



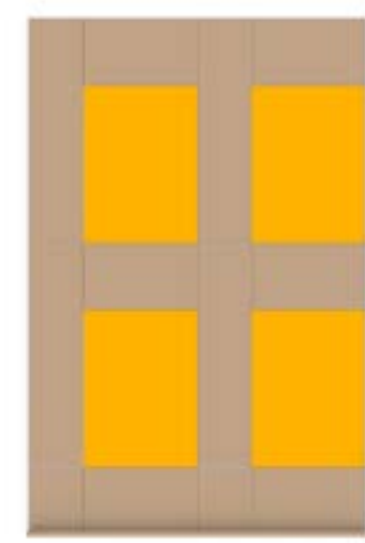
Facade With No-shading



Facade With 200mm shading



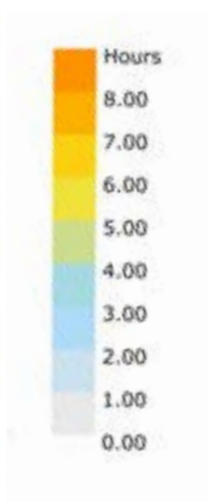
West Elevation Sun Hour Analysis
Mid Summer Day 9am to 5pm



Facade With No-shading



Facade With 200mm shading



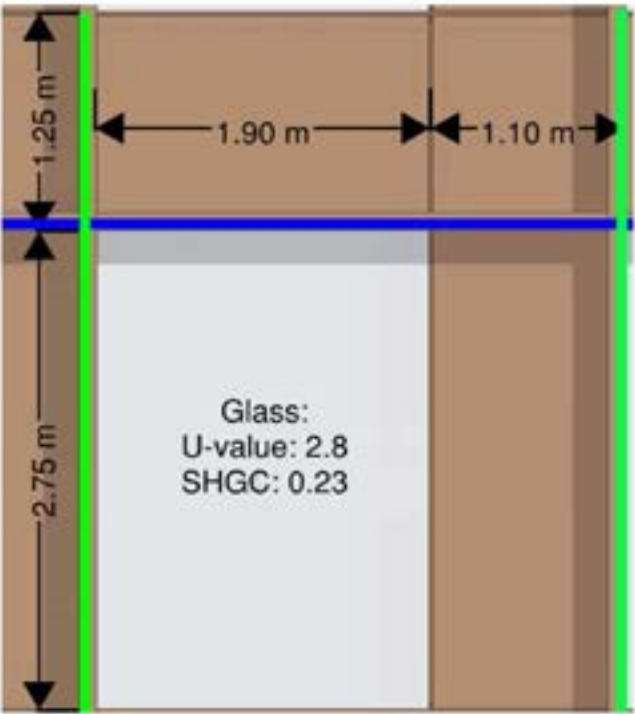
03. Facade Performance

SOLAR GAIN ANALYSIS



- The 200mm projection provides good balance of energy/comfort and daylight
- With marginal difference to energy/comfort levels, more priority is given to the better daylight given the size of the floor plate

Result Summary – North Facade



WWR = 44%
Glazing reduction compared
to full width glazing = 37%

Option	Annual Cooling Load (kWh/m2)	Peak Cooling Load (W/m²)	Annual PMV -1 to +1 (%)	Floor Area % with Daylight Factor >2% (%)
Option 1 150mm-vs 150mm-hs	201.1 (0.6%)	53.6 (0.2%)	92.0% (-0.1%)	61.5% (0.8%)
Option 2 (Preferred) 200mm-vs 200mm-hs	200.0	53.5	92.1%	61.0%
Option 3 250mm-vs 250mm-hs	198.8 (-0.6%)	53.3 (-0.4%)	92.2% (0.1%)	58.3% (-2.0%)
Option 4 300mm-vs 300mm-hs	197.4 (-1.3%)	53.0 (-0.9%)	92.2% (0%)	58.3% (-4.4%)

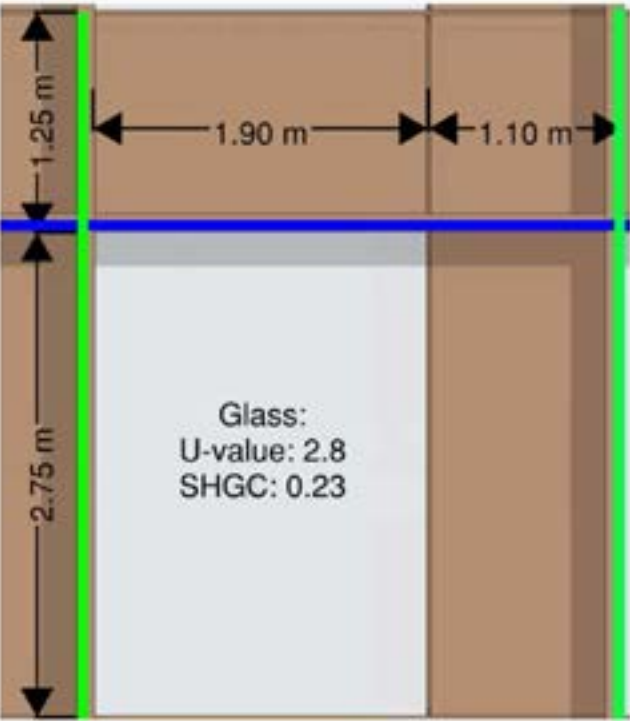
Note: Peak Cooling Load is for comparative façade loads only.

03. Facade Performance

SOLAR GAIN ANALYSIS



Result Summary – West Facade



WWR = 44%
Glazing reduction compared
to full width glazing = 37%

Option	Annual Cooling Load (kWh/m2)	Peak Cooling Load (W/m²)	Annual PMV -1 to +1 (%)	Floor Area % with Daylight Factor >2% (%)
Option 1 150mm-vs 150mm-hs	197.3 (0.4%)	55.1 (0.7%)	92.9% (0.0%)	61.5% (0.8%)
Option 2 (Preferred) 200mm-vs 200mm-hs	196.5	54.7	92.9%	61.0%
Option 3 250mm-vs 250mm-hs	195.6 (-0.5%)	54.4 (-0.5%)	93.0% (0.1%)	58.3% (-2.0%)
Option 4 300mm-vs 300mm-hs	194.5 (-1.0%)	54.0 (-1.3%)	93.0% (0.1%)	58.3% (-4.4%)

Note: Peak Cooling Load is for comparative façade loads only.

03. Facade Performance

GLAZING SPECIFICATION

Response

Glass Specification

- Triple low E coated
- SHGC = 0.23
- VLT = 50%
- Reflectivity < 20%
- Reflected solar energy mostly below 650 w/m² which has minimal impact on creating heat loads



Benchmark Precedent - 5 Martin Place



04. External Stair

City of Sydney Comments

- Raglan Walk is unnecessarily encumbered
- The expression of the stair on the outside of the building's upper levels does not assist in articulating volumes and minimising bulk



04. External Stair

EXTERNAL STAIR ON RAGLAN WALK

Response

- The external stair for the first two levels are internalised.
- A vestibule is created to act as an independent entry to the podium levels.
- The stair moves to the outside on level 2 to create a break-out balcony.
- A pass door is provided for emergency situations



DA Submission



Proposed Update

04. External Stair
EXTERNAL STAIR ON RAGLAN WALK



DA Submission



Proposed Update

04. External Stair

EXTERNAL STAIR ON RAGLAN WALK

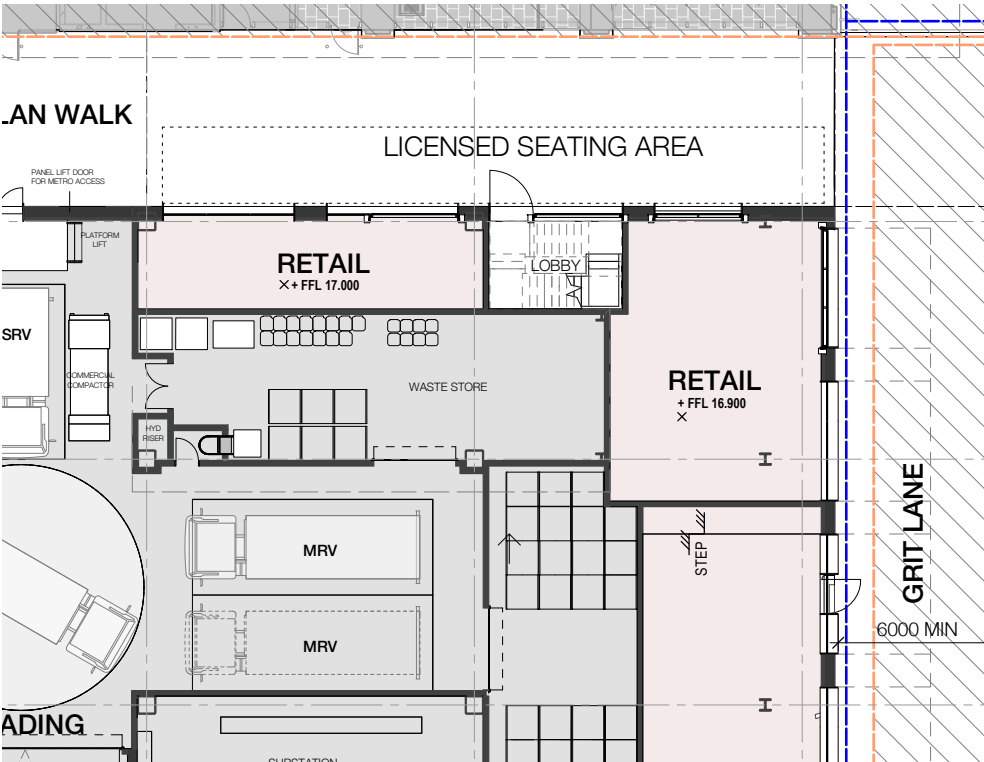


Proposed Update

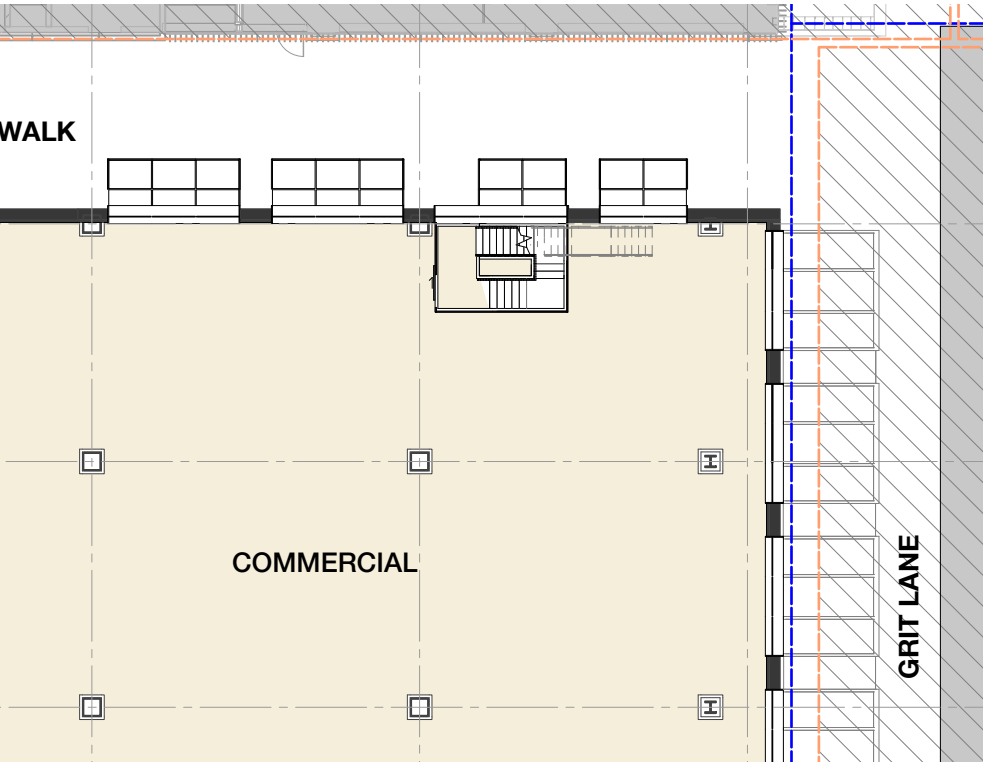
04. External Stair

EXTERNAL STAIR ON RAGLAN WALK

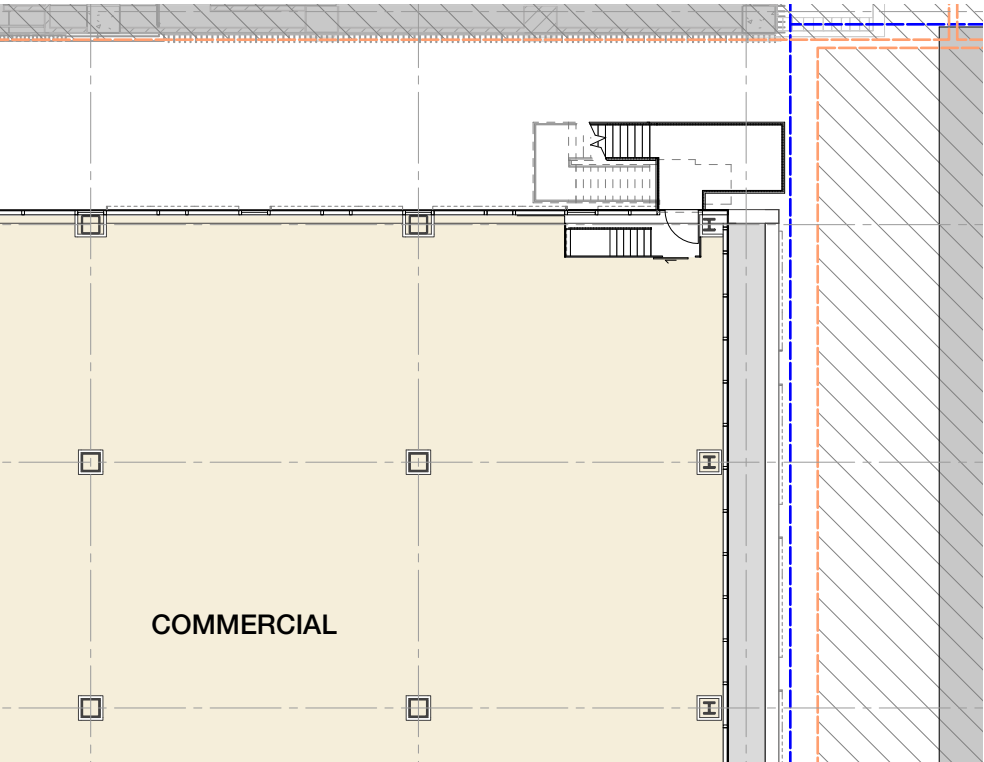
Ground Level



Level 1



Level 2

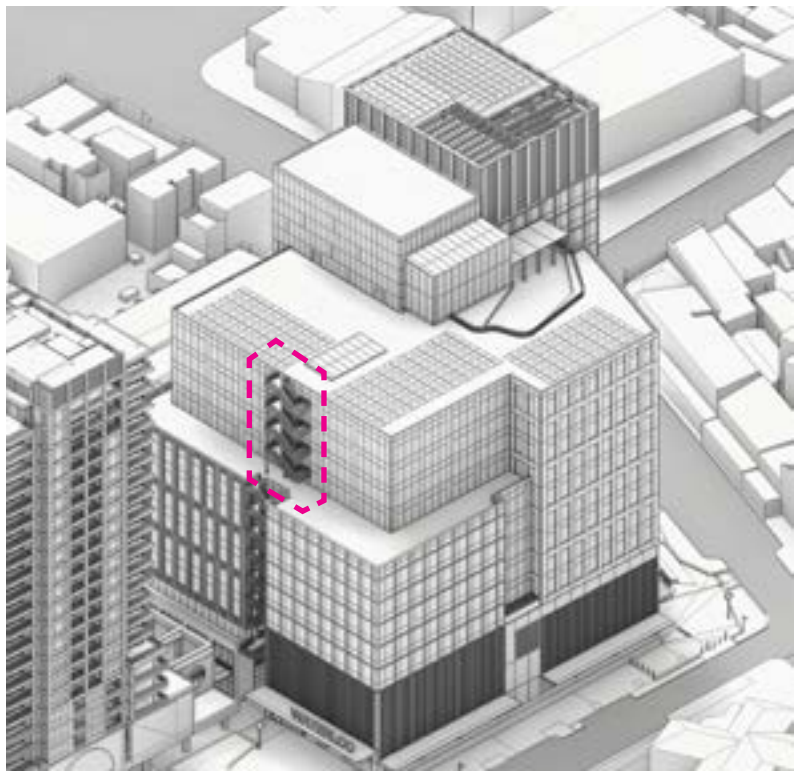


04. External Stair

EXTERNAL STAIR TOWER LEVELS

Response

- The southern stair is removed by fire engineering solution
- The floor plate benefits from clear and obstructed outlook from inside and provides improved floor plate contiguity



DA Submission



Proposed Update

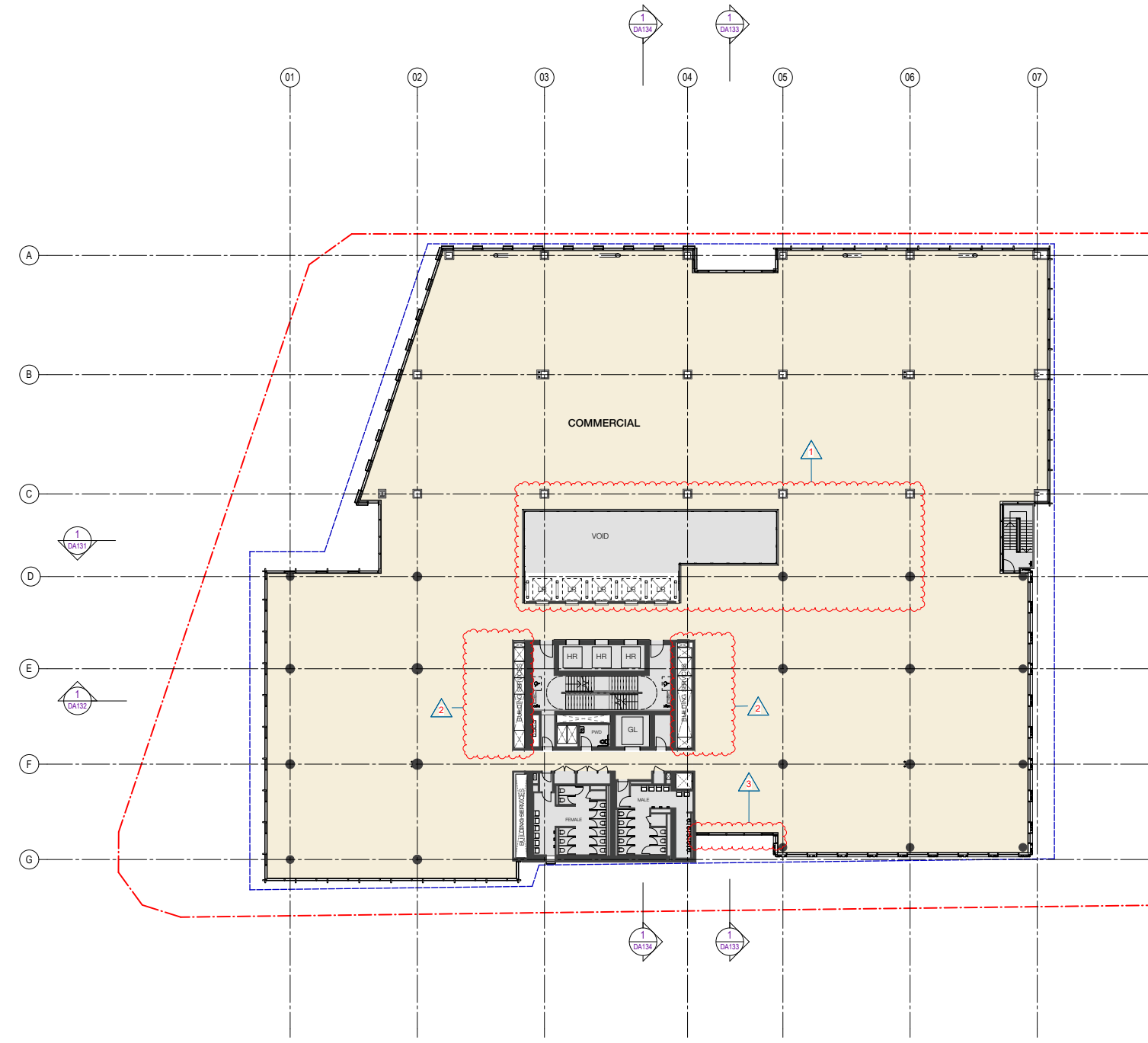
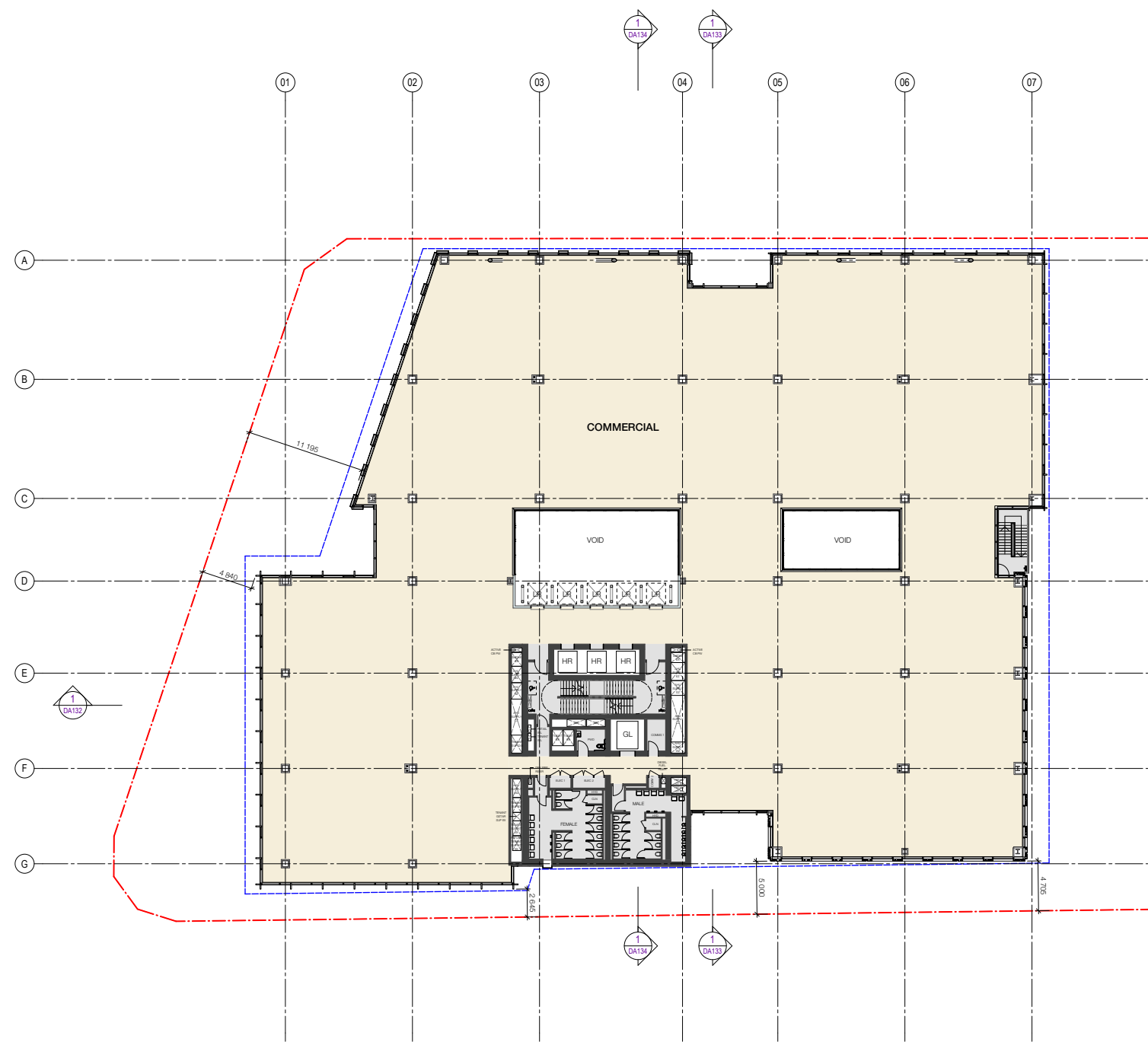
05. Design Updates

ATRIUM



05. Design Updates

ATRIUM



05. Design Updates
ATRIUM



DA Submission

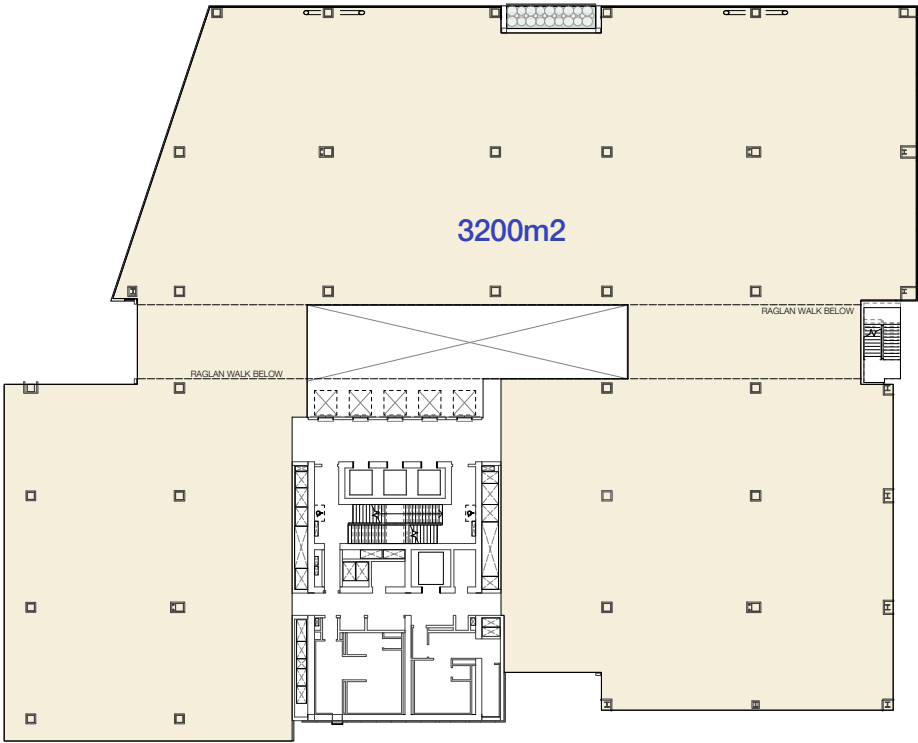


Proposed Update

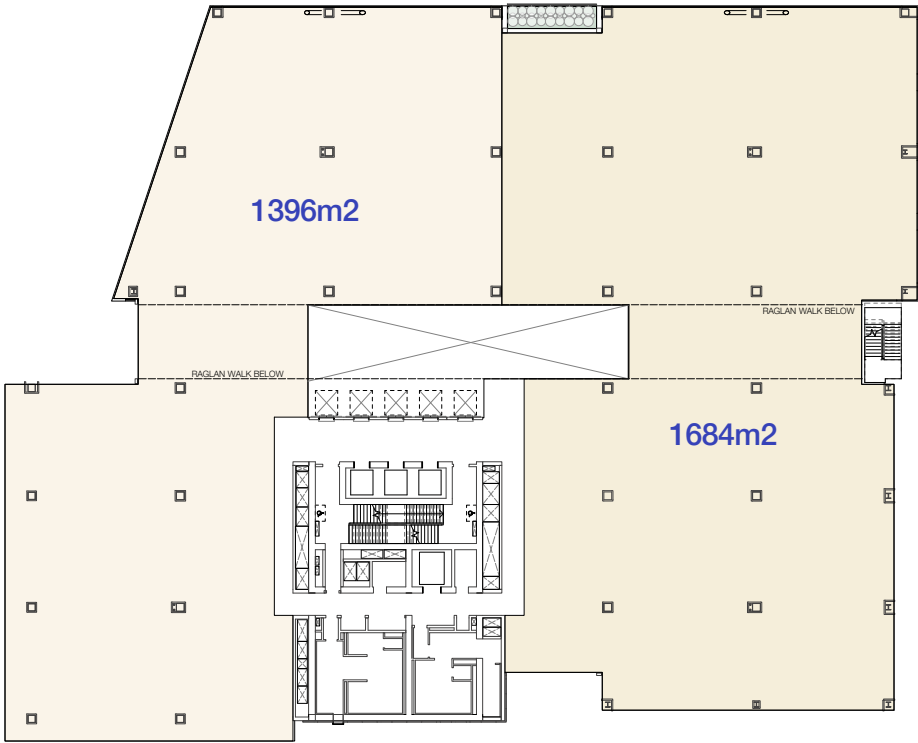
05. Design Updates

ATRIUM - SUBDIVISIBILITY

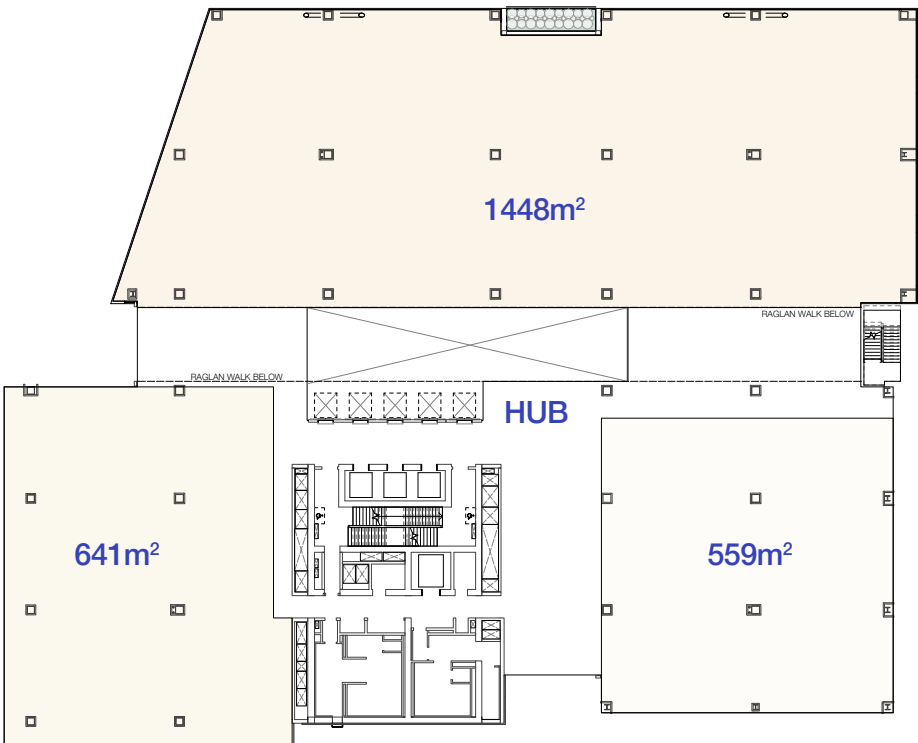
Single Tenant



Two Tenants



Three Tenants



Four Tenants

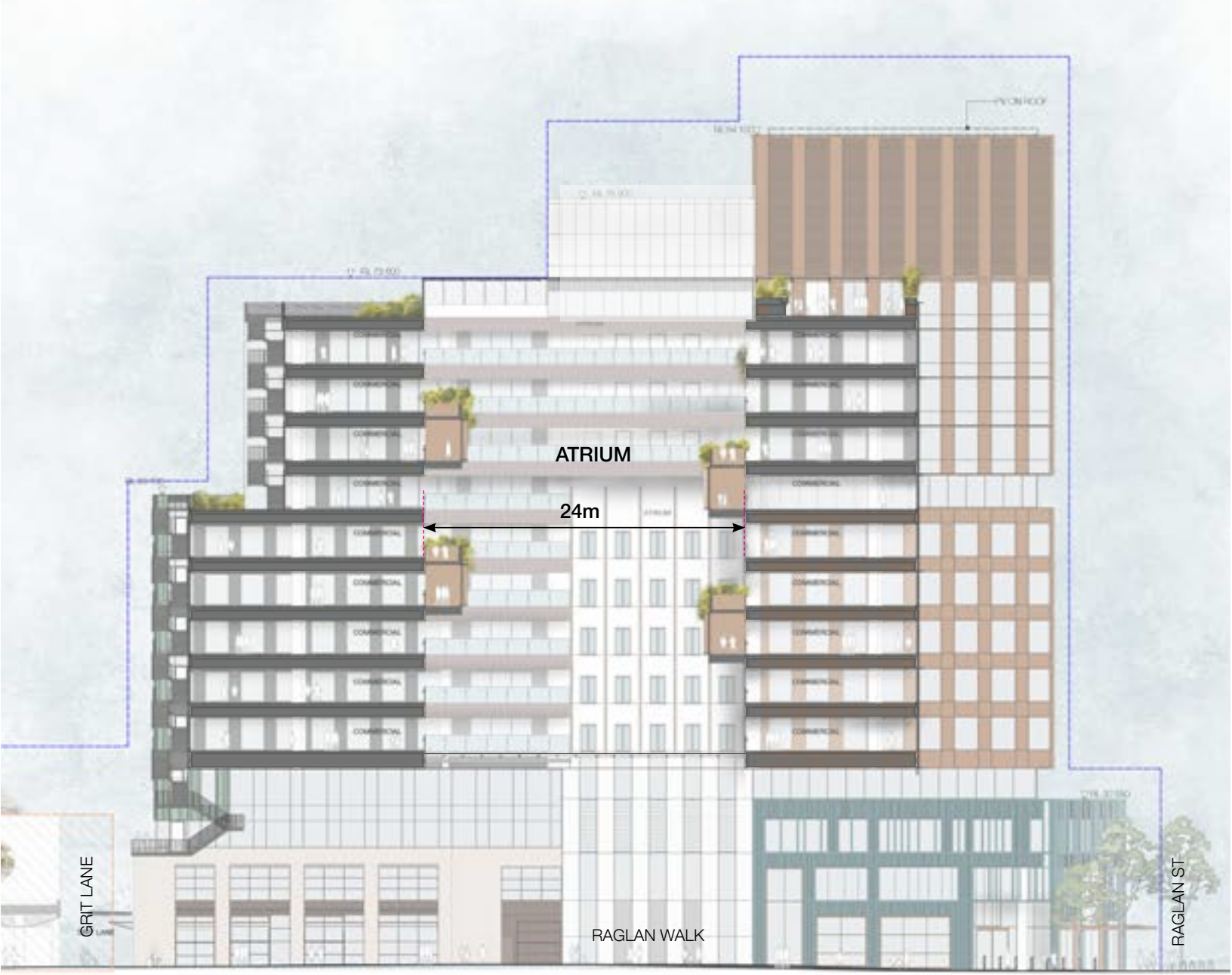


05. Design Updates

ATRIUM



DA Submission



Proposed Update

06. Summary



06. Summary

DPIE COMMENTS

Comments	Response
<p>b. Mitigate the visual bulk of the building, particularly when viewed from the north-west, south-west and west, including further consideration of:</p> <ul style="list-style-type: none">the proportion and distribution of building mass across the base, middle and top of the building”the composition of the facade and building articulation.	✓
<p>c. Illustrate how the bulk and scale of the proposed building is compatible with the evolving streetscape in the surrounding area and other proposed buildings at the Waterloo Metro Quarter. “</p>	✓

06. Summary

COS COMMENTS

Comments	Response
(a) External fire stair – Raglan Walk is unnecessarily encumbered by the proposed external fire stair. The application does not justify why this cannot be fully enclosed within the building line. The expression of the stair on the outside of the building’s upper levels does not assist in articulating volumes and minimising bulk. It is recommended that the stair is re-designed to fall within the footprint of the building, without reducing the width of Raglan Street and removing active frontage to the adjacent retail tenancy. Should the stair need to be external at higher levels, a more expressive and high design quality form should be considered;	✓
(b) Building Expression – The Design Report notes that ‘the northern precinct has been identified as ‘Warehouse conversions’ character” in response to the local context. It is unfortunate that this idea was not more strongly achieved in the proposed design, as the result may have utilised more masonry, and a larger solid to void ratio in the elevations. The proposed substantially glazed, aluminium clad curtain wall facades do not adequately address the orientation of the building, particularly the large expanse of unprotected west facing glazing. On this elevation, a very minor (say 150mm) projection is proposed at a height equivalent to ceiling height. A similar vertical projection is provided to protect a 1.5 metre width of glazing. At summer afternoon, the altitude of the sun is low, and at one point, perpendicular to the west facade. These minor projections will have no perceptible shading impact;	✓
(c) Active frontages – Almost 50% of the Botany Road frontage is occupied by non-active uses;	Addressed at CoS Meeting

Comments	Response
(d) Sun-Shading and Urban Heat – Although passive shading is nominated as one of the measures in the Project’s Sustainability Framework (refer to page 36 App M, initiative 9.11.3), it is not delivered. The initiative is: Passive design of facades to improve thermal performance and reduce impact of extreme weather days. While the proposed design may achieve the requirements of the applicable energy rating systems, these govern internal thermal performance only, and do not consider occupant comfort for extreme weather days. Additionally, unshaded facades tend to rely on performance glazing to reduce internal heat load which has the negative impact of reflecting heat and glare back into the public domain, causing both a nuisance and excessive heating of the public domain (Urban Heat Island effect). The proposed buildings have essentially a fully glazed facade, particularly the west elevations which have no substantial external shading devices. Best practice design should target the achievement of 100% shading through operable devices to combat extreme heat events. The development is inconsistent with the Waterloo Metro Design and Amenity Guideline Section 3R Sustainability – Objective 3: reduce energy consumption, emissions and urban heat island effect;	Addressed at CoS Meeting
(e) Glazing – Further clarity should be sought on the proposed glazing – “performance vision glass” is specified and no information is provided to describe any tint, reflectivity or urban heat issues associated with this selection. Clear glazing is always preferred;	✓
(f) Materials – ‘Prefinished fibre cement panel’ is proposed for the vast blank frontage to Botany Road, where non-habitable spaces are located at the perimeter of the tower. This does not represent a robust, high quality material fit for the intended location and use and the consideration of alternatives is encouraged. A view from the south west to the southern elevation should be requested to demonstrate acceptable visual appearance in views from the south along Botany Road;	✓

Comments	Response
(g) Materials – There is a general lack of certainty or clarity of the finishes. Actual products must be specified rather than generic descriptions such as “light grey brick appearance” and “Oxidised copper coloured metal”. Materials must be described by a product or manufacturer’s details, and contain information on the material, finish, colour etc. For example, is the ‘oxidised copper coloured metal’ oxidised copper sheeting with a varied and interesting patina; or aluminium sheeting with an anodised finish; or aluminium sheeting with a flat, monotone powder-coated finish? These three options will provide entirely different outcomes and varying degrees of design excellence. Without adequate detail and certainty of the outcome, the department should not be satisfied that the project will deliver design excellence.	✓
The roof terrace to level 13 of Building 1 includes an accessible area that has been indicatively designed (subject to tenant fit-out), and an expanse of gravel roof with photovoltaics. Studies show that co-locating photovoltaics and green roofs can greatly improve the performance of the PVs, whilst supporting habitat and biodiversity. This should be considered for this roof.	Addressed at CoS Meeting
No landscape information has been provided for the (presumably inaccessible) green roofs to levels 2, 3, 4 & 9 of building 1. This is required	To be provided in RTS

06. Summary

DRP COMMENTS

Comments	Response
The Panel suggested that the design team to review the positioning of the recessed plant level to the northern-most corner tower and confirm the overall proportions of the proposed built form.	✓
The Panel recommends that the 200mm facade projection depth is reviewed during design development to improve its solar shading effectiveness.“	✓

07. DA Drawings



WATERLOO METRO QUARTER DEVELOPMENT NORTH PRECINCT



NORTH PRECINCT DA DRAWING LIST - SSD10440

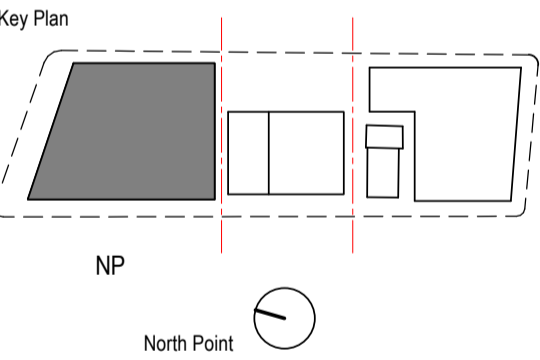
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WMQ-BLD1-WBG-AR-DRG-DA000	BUILDING 1 - COVER SHEET	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA001	BUILDING 1 - SITE PLAN (GROUND LEVEL)	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA002	BUILDING 1 - SITE PLAN (ROOF LEVEL)	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA003	BUILDING 1 - SITE ANALYSIS	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA100	BUILDING 1 - FLOOR PLAN - LEVEL GROUND	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA100M	BUILDING 1 - FLOOR PLAN - LEVEL MEZZANINE	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA101	BUILDING 1 - FLOOR PLAN - LEVEL 01	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA102	BUILDING 1 - FLOOR PLAN - LEVEL 02	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA103	BUILDING 1 - FLOOR PLAN - LEVEL 03	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA104	BUILDING 1 - FLOOR PLAN - LEVEL 04	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA105	BUILDING 1 - FLOOR PLAN - LEVEL 05-07	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA108	BUILDING 1 - FLOOR PLAN - LEVEL 08	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA109	BUILDING 1 - FLOOR PLAN - LEVEL 09	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA110	BUILDING 1 - FLOOR PLAN - LEVEL 10-12	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA113	BUILDING 1 - FLOOR PLAN - LEVEL 13 - ROOF TERRACE	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA115	BUILDING 1 - FLOOR PLAN - LEVEL 14	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA116	BUILDING 1 - FLOOR PLAN - LEVEL 15	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA117	BUILDING 1 - FLOOR PLAN - LEVEL ROOF PLAN	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA121	BUILDING 1 - WEST ELEVATION - BOTANY ROAD	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA122	BUILDING 1 - NORTH ELEVATION - RAGLAN STREET	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA123	BUILDING 1 - EAST ELEVATION - COPE STREET	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA124	BUILDING 1 - SOUTH ELEVATION - GRIT LANE	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA131	BUILDING 1 - LONGITUDINAL SECTION 01 - RAGLAN WALK	15/03/21	G
WMQ-BLD1-WBG-AR-DRG-DA132	BUILDING 1 - LONGITUDINAL SECTION 02	15/03/21	F
WMQ-BLD1-WBG-AR-DRG-DA133	BUILDING 1 - CROSS SECTION 01	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA134	BUILDING 1 - CROSS SECTION 02	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA141	BUILDING 1 - CU01 TOWER FACADE DETAILS	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA142	BUILDING 1 - CU02 TOWER FACADE DETAILS	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA143	BUILDING 1 - CU03 TOWER FACADE DETAILS	15/03/21	E
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WMQ-BLD1-WBG-AR-DRG-DA147	BUILDING 1 - WD20 TOWER FACADE	15/03/21	E
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WMQ-BLD1-WBG-AR-DRG-DA149	BUILDING 1 - CD02 PODIUM FACADE DETAILS	25/09/20	D
WMQ-BLD1-WBG-AR-DRG-DA150	BUILDING 1 - FACADE MATERIAL COLOUR PALETTE	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA190	BUILDING 1 - AREA PLAN 01 - GFA	15/03/21	E
WMQ-BLD1-WBG-AR-DRG-DA191	BUILDING 1 - AREA PLAN 02 - GFA	15/03/21	E



Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	REVISION UPDATED

Notes
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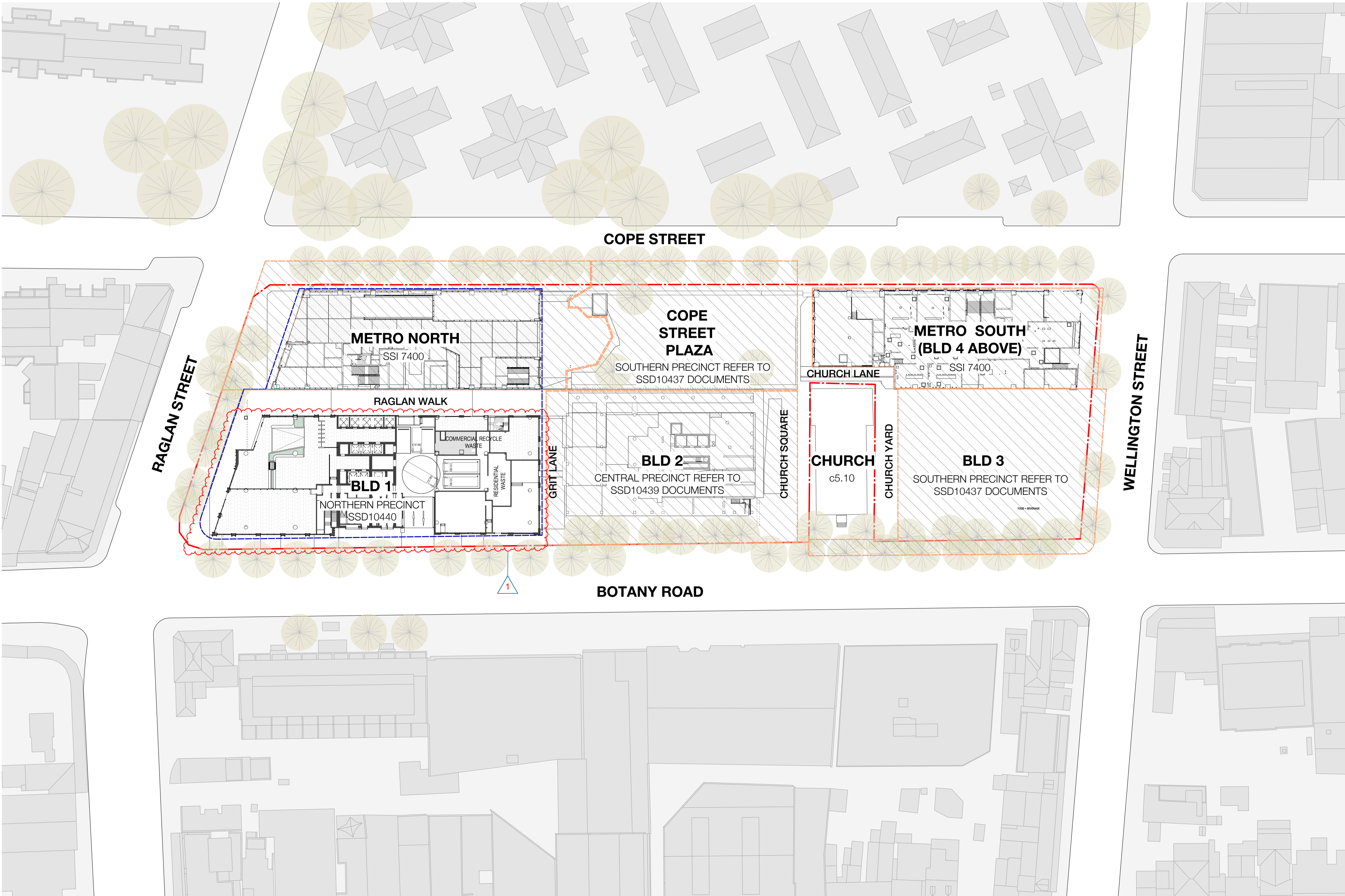


Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
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Checked JP	Approved PM
	Sheet size A1
	Scale

Sheet title
SSD10440
BUILDING 1 - COVER SHEET

Status	FOR APPROVAL	Revision
Sheet number	WMQ-BLD1-WBG-AR-DRG-DA000	E

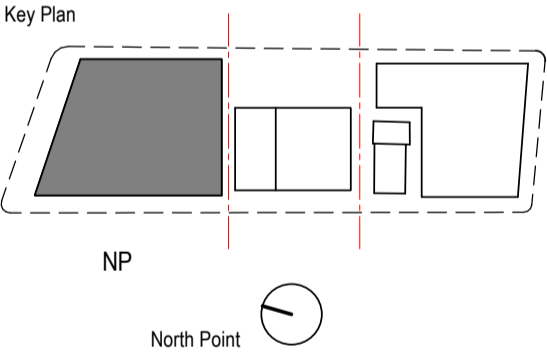


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---	PLANNING ENVELOPE PROFILE		
---	SSD DA PRECINCT BOUNDARY		

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	LAYOUT UPDATED

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Project
WATERLOO METRO QUARTER DEVELOPMENT

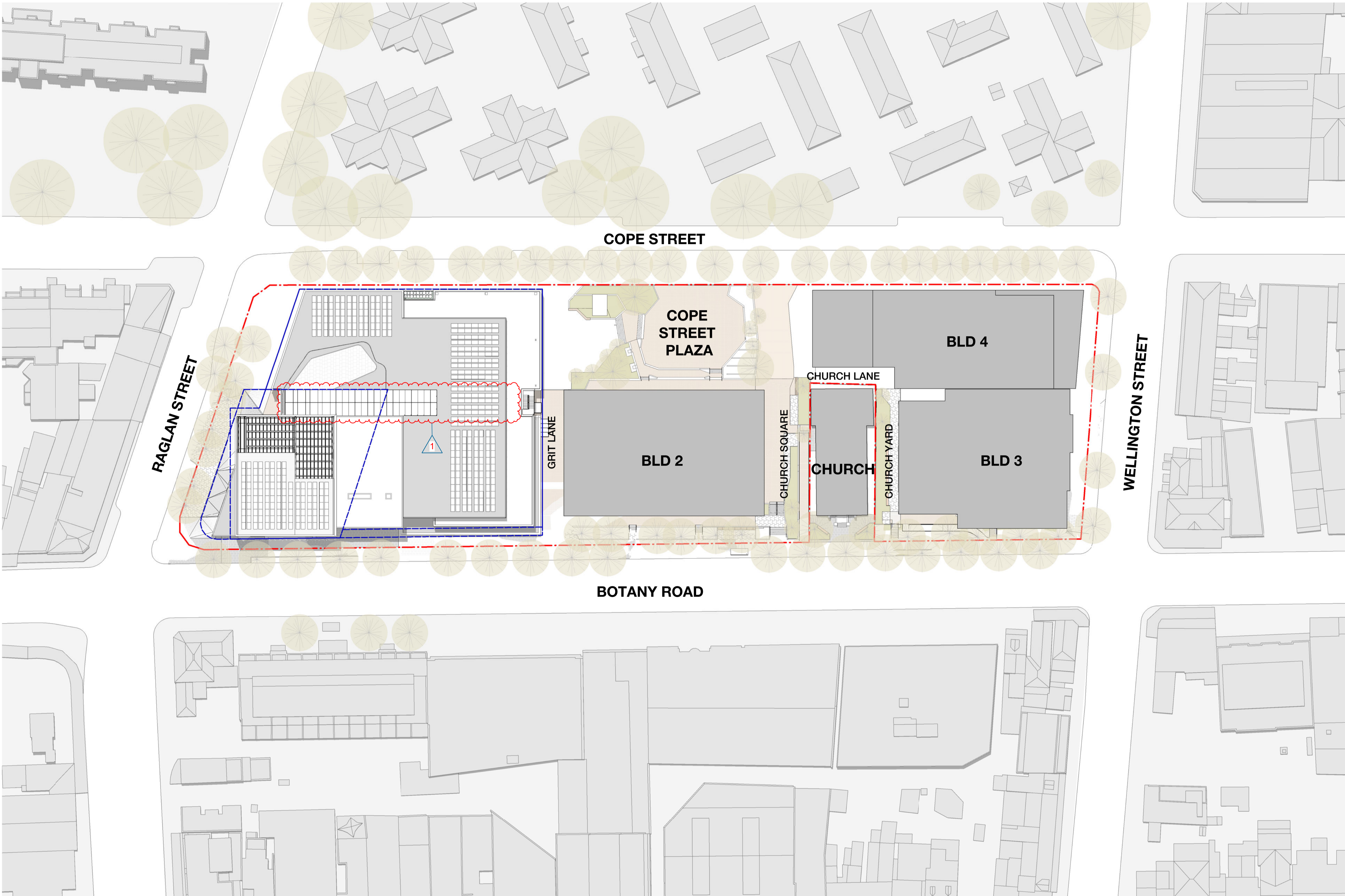
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Checked	JP	Approved	PM
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SSD10440
BUILDING 1 - SITE PLAN (GROUND LEVEL)

Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA001

Revision
E

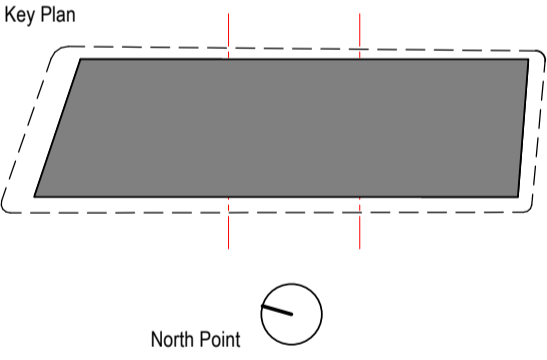


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Recent revision history		
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A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	GLASS ROOF AND FIRE STAIR UPDATED

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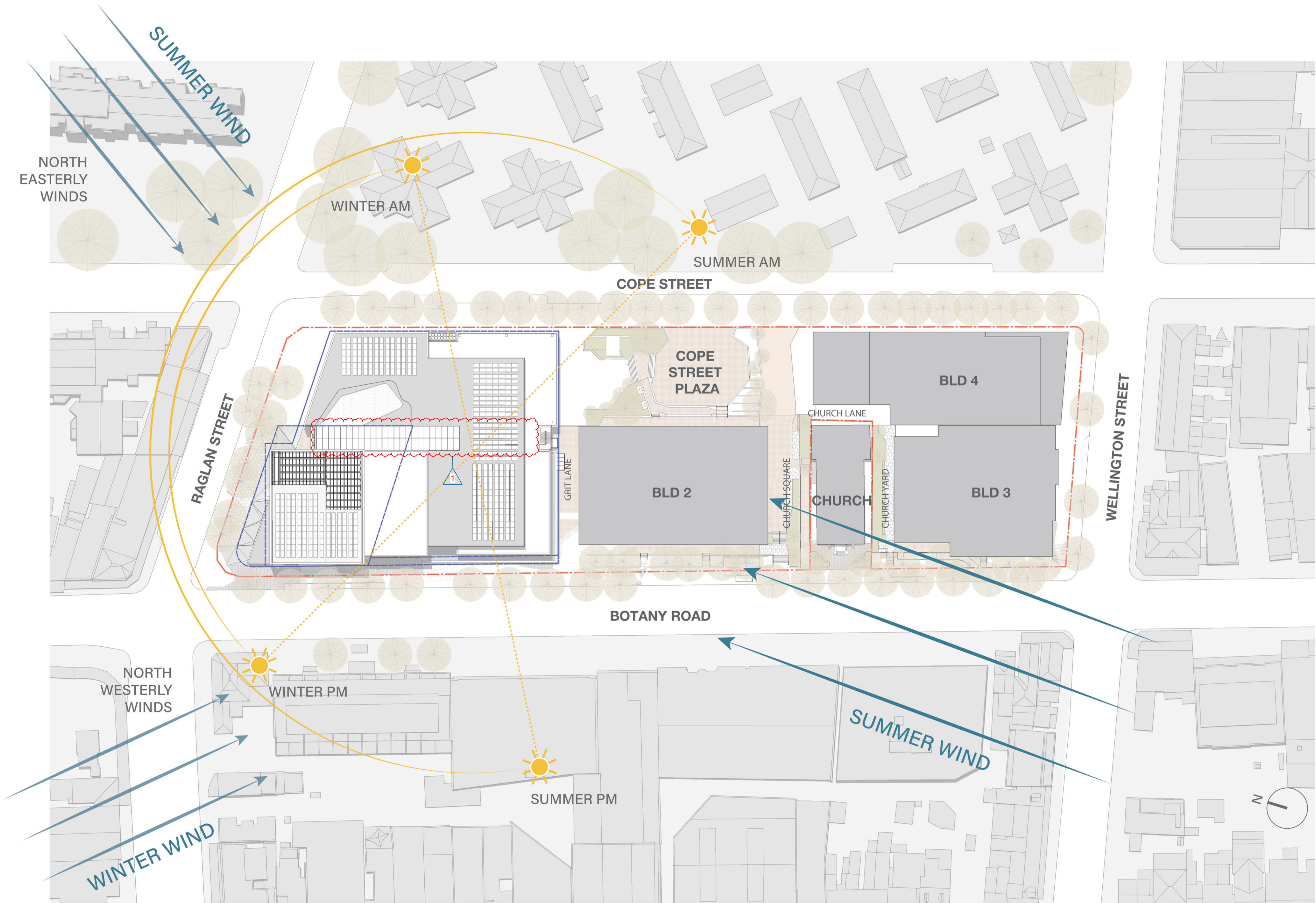
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JP	PM	A1	1 : 500

Sheet title
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BUILDING 1 - SITE PLAN (ROOF LEVEL)

Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA002

Revision
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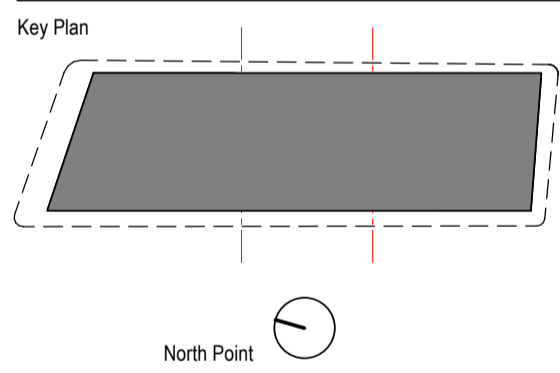


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Recent revision history		
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A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	GLASS ROOF AND FIRE STAIR UPDATED

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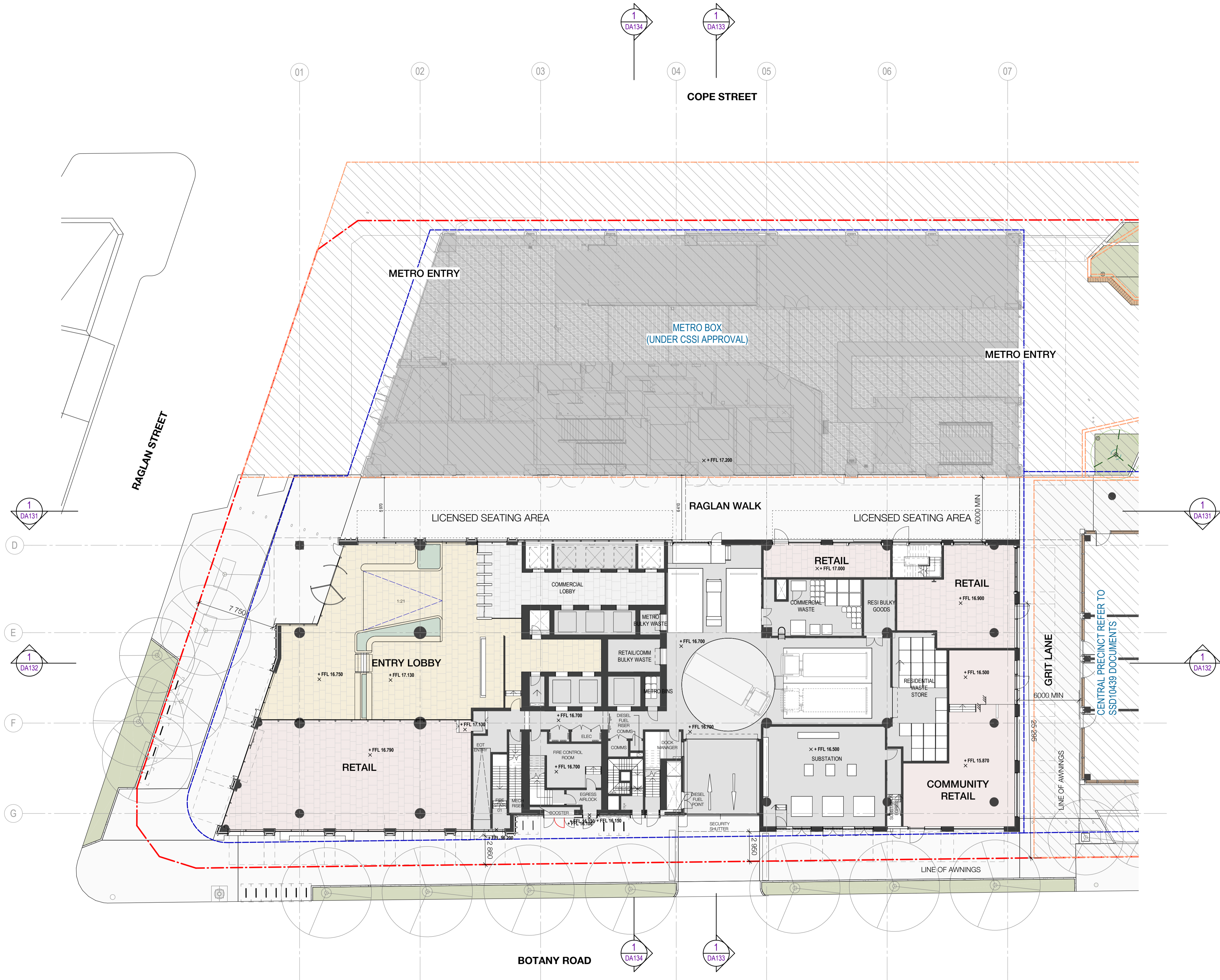
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Checked	Approved	Sheet size	Scale
JP	PM	A1	1 : 500

Sheet title
SSD10440
BUILDING 1 - SITE ANALYSIS

Status	FOR APPROVAL	Revision
Sheet number	WMQ-BLD1-WBG-AR-DRG-DA003	E



LEGEND

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PLANNING ENVELOPE PROFILE

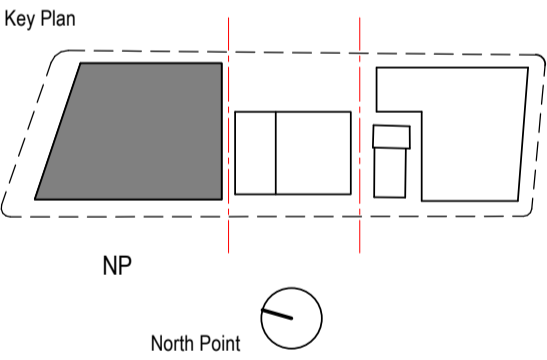
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Recent revision history		
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A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F	1	LAYOUT UPDATED
F	2	LIFT UPDATED TO GROUND
F	3	FIRE STAIR RELOCATED

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Project

WATERLOO METRO QUARTER DEVELOPMENT

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Checked	Approved
SJ	PM
Sheet size	Scale
A1	1 : 200

Sheet title

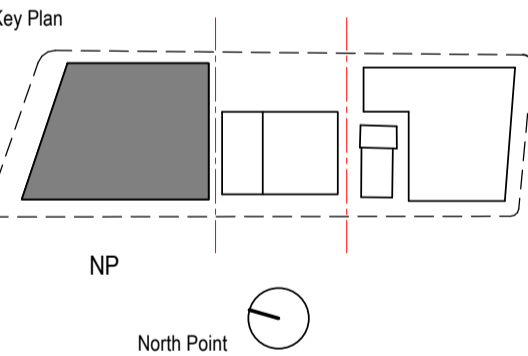
SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL
GROUND

Status	FOR APPROVAL	Revision
Sheet number	WMQ-BLD1-WBG-AR-DRG-DA100	F

Mark	Comments
1	LAYOUT UPDATED
2	LIFT UPDATED TO GROUND
3	FIRE STAIR RELOCATED

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 PLANNING ENVELOPE PROFILE
 SSD DA PRECINCT BOUNDARY



Waterloo Integrated
Station Development

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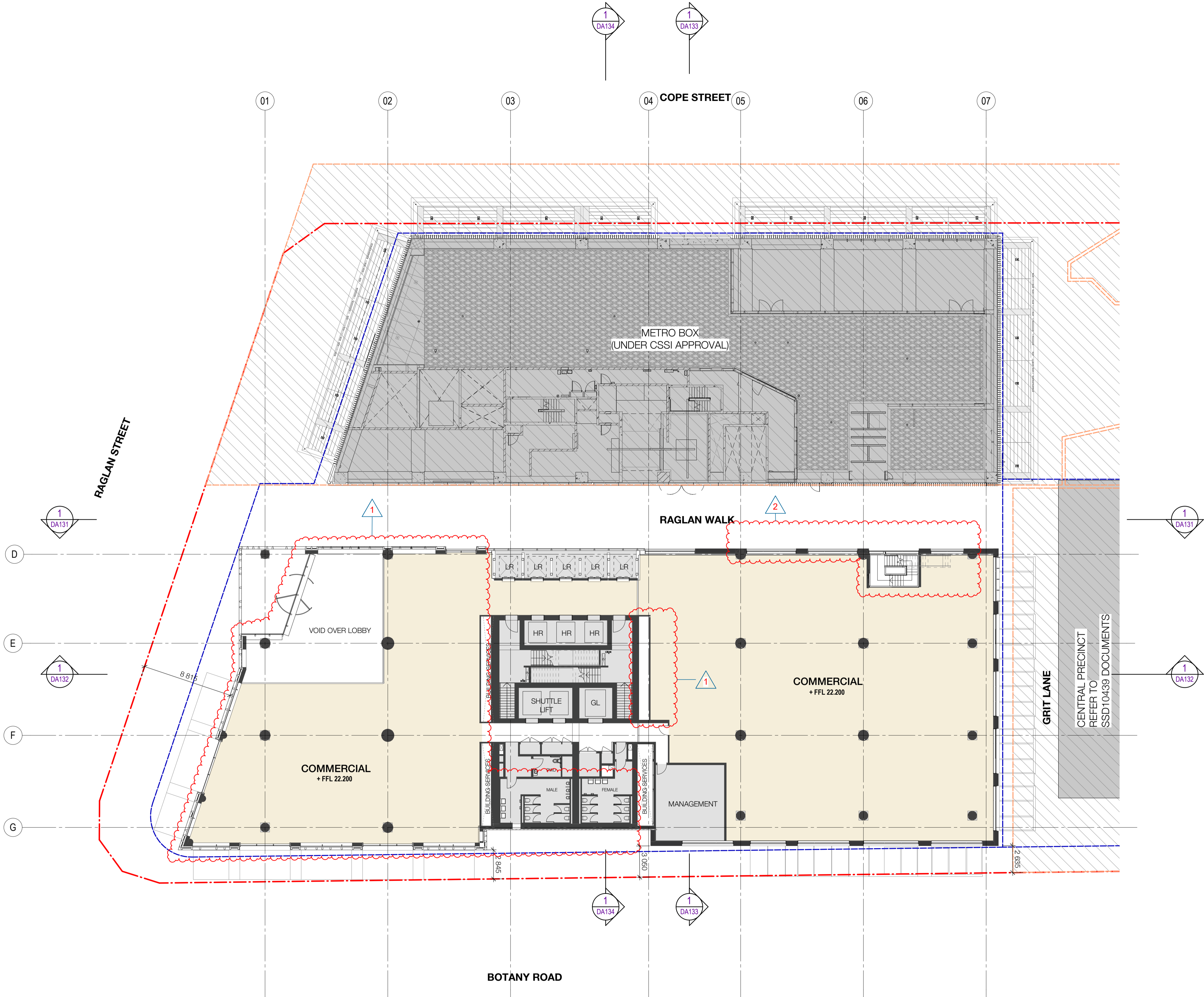
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WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check		
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Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 200

sheet title
SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL
MEZZANINE

FOR APPROVAL

Sheet number Revision
WMQ-BLD1-WBG-AR-DRG-DA100M F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history

#	Status	Description	Date
A	FOR INFORMATION (DA)		15.07.20
B	FOR APPROVAL		31.07.20
C	FOR APPROVAL		28.08.20
D	FOR APPROVAL		25.09.20
E	FOR INFORMATION		28.01.21
F	FOR APPROVAL		15.03.21

Current Revision Amendments

#	Mark	Comments
F	1	LAYOUT UPDATED
F	2	FIRE STAIR RELOCATED

Notes

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Do not scale drawings.

Key Plan

NP

North Point

Client

NSW GOVERNMENT

Consultant

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number

121234

Size check

25mm

Checked

Approved

Sheet size

Scale

SJ

PM

A1

1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL 01

Status

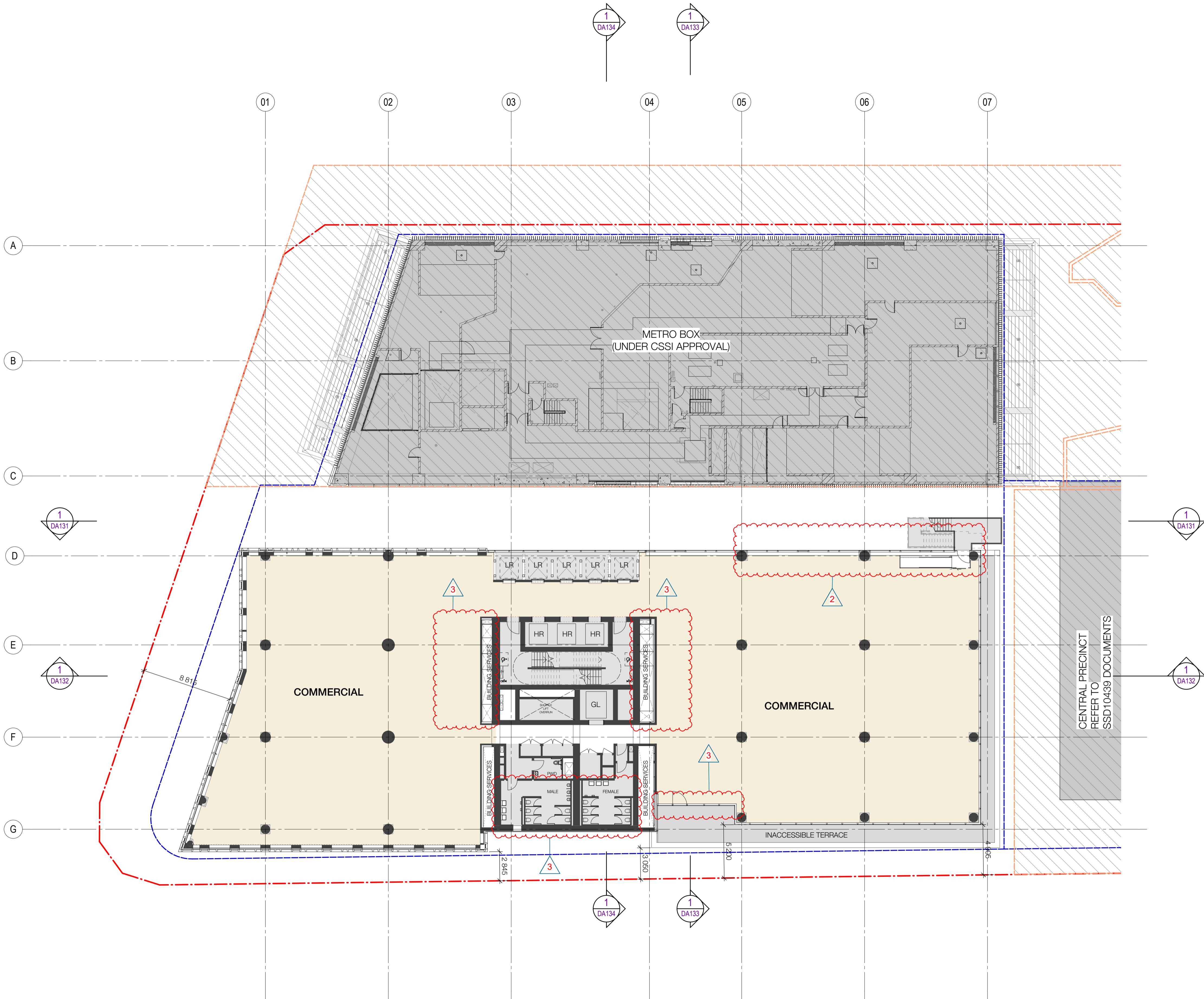
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA101

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

SSD DA PRECINCT BOUNDARY

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

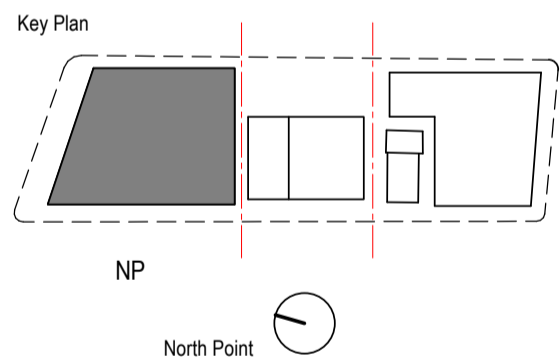
Current Revision Amendments		
#	Mark	Comments
F 1		SERVICE RISER UPDATED
F 2		FIRE STAIR UPDATED
F 3		LAYOUT UPDATED

Notes

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Consultant

W-B™
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL 02

Status

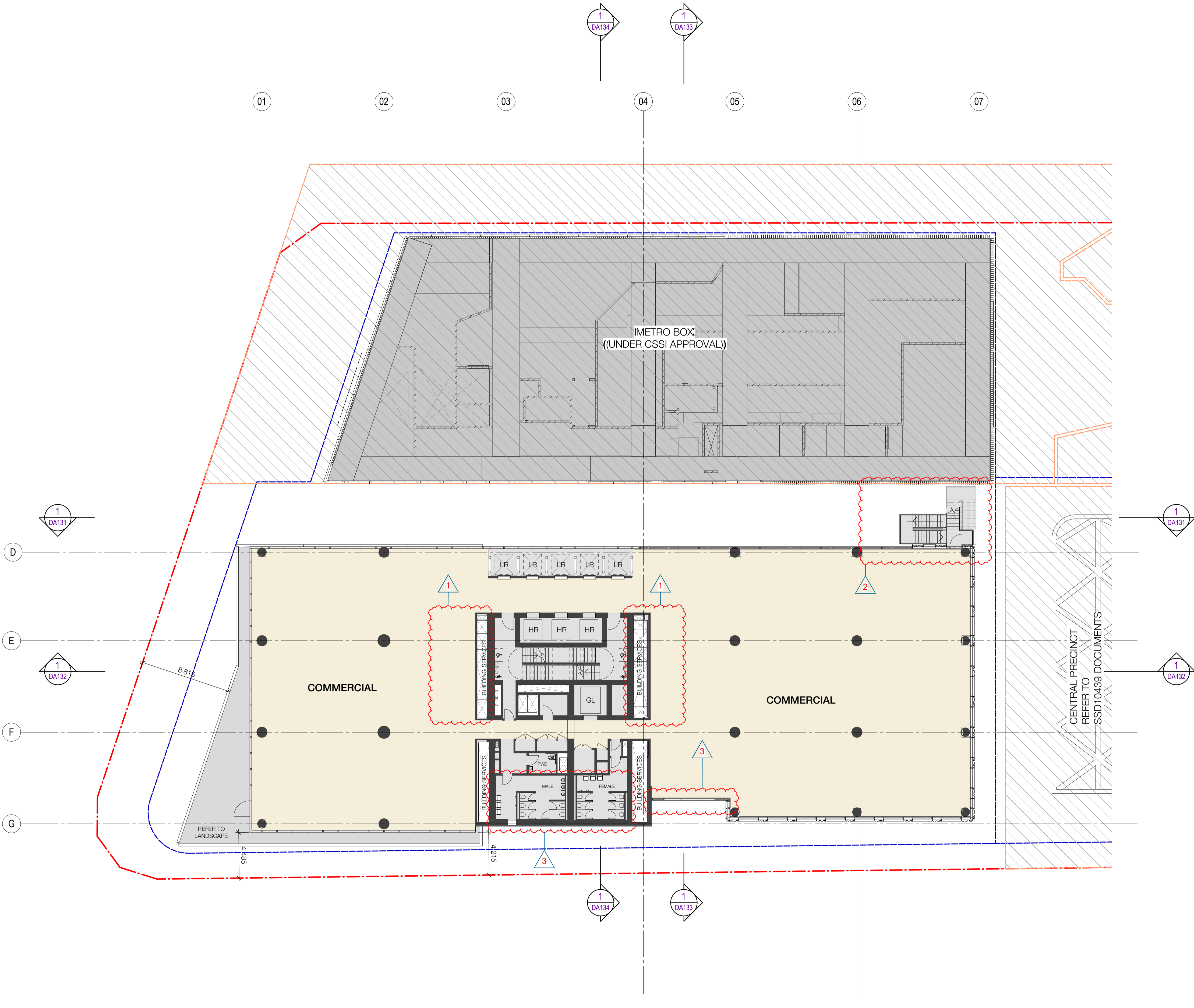
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA102

Revision

F



LEGEND

--- PROPERTY LINE

--- PLANNING ENVELOPE PROFILE

SSD DA PRECINCT BOUNDARY

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

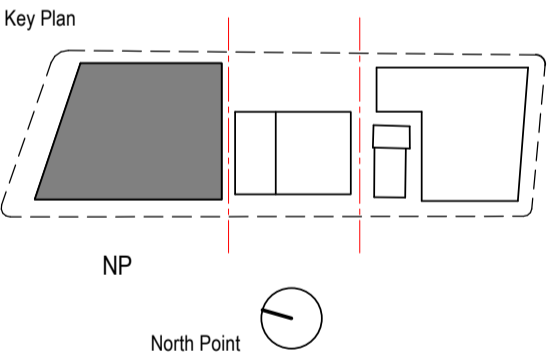
Current Revision Amendments		
#	Mark	Comments
F 1		SERVICE RISER UPDATED
F 2		FIRE STAIR UPDATED
F 3		LAYOUT UPDATED

Notes

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Consultant

W-B
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		<hr/> 25mm	
Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL 03

Status

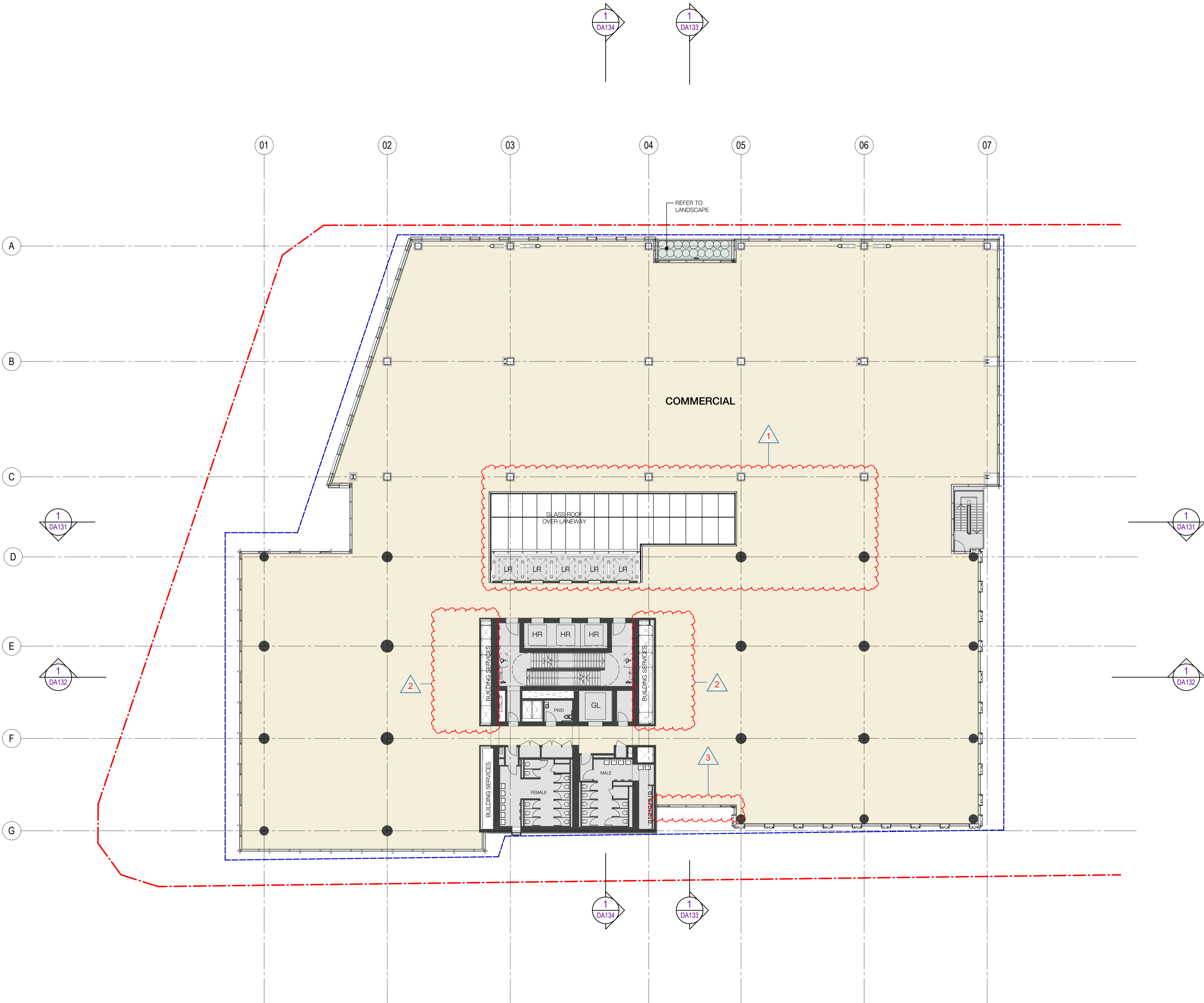
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA103

Revision

F



LEGEND

- PROPERTY LINE
- PLANNING ENVELOPE PROFILE
- SSD DA PRECINCT BOUNDARY

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

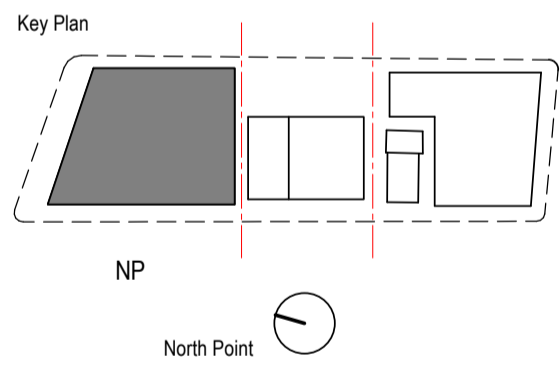
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		SERVICE RISER UPDATED
F 3		LAYOUT UPDATED

Notes

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W-B
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL 04

Status

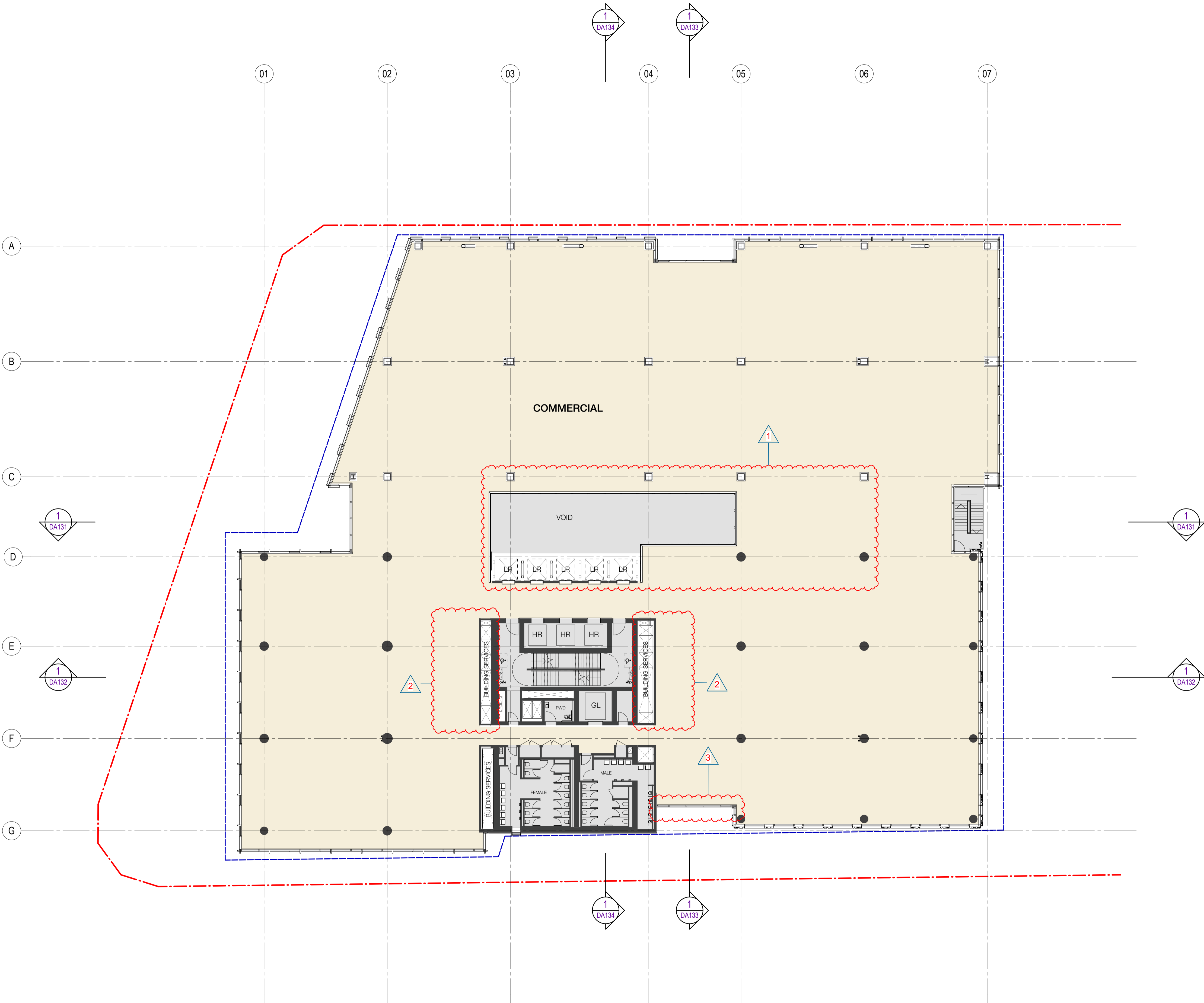
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA104

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

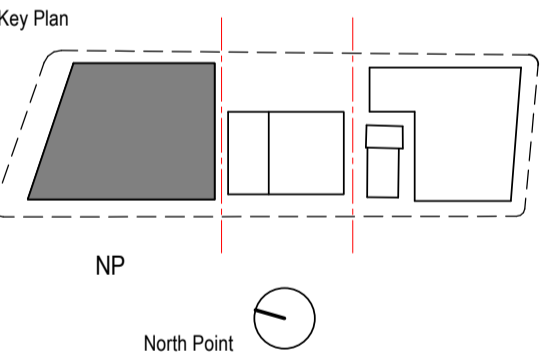
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		SERVICE RISER UPDATED
F 3		LAYOUT UPDATED

Notes

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Client

JOHN HOLLAND

mirvac

Consultant

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WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL 05-07

Status

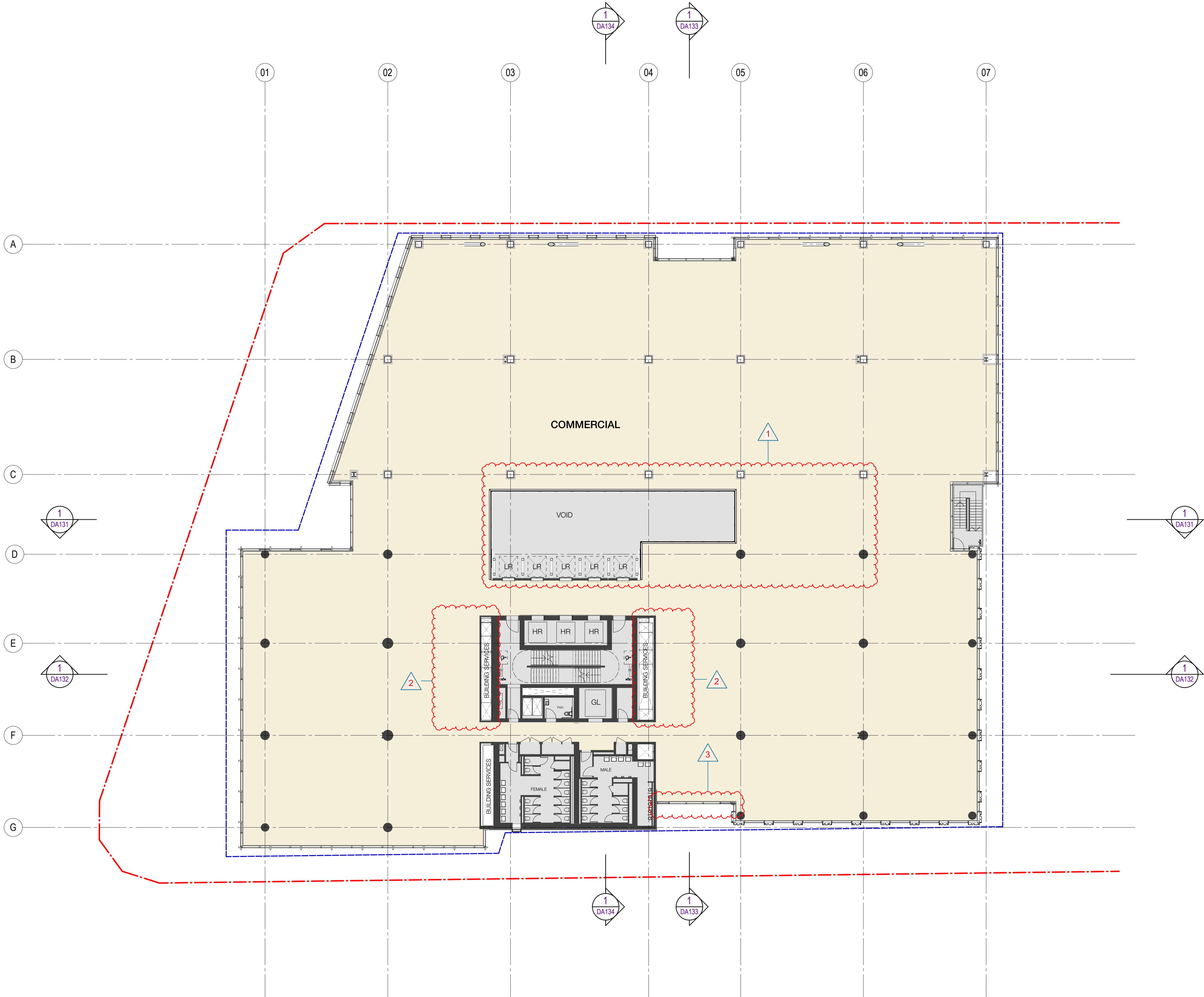
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA105

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history

#	Status	Description	Date
A	FOR INFORMATION (DA)	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	FOR APPROVAL	31.07.20
C	FOR APPROVAL	FOR APPROVAL	28.08.20
D	FOR APPROVAL	FOR APPROVAL	25.09.20
E	FOR INFORMATION	FOR INFORMATION	28.01.21
F	FOR APPROVAL	FOR APPROVAL	15.03.21

Current Revision Amendments

#	Mark	Comments
F	1	ATRIUM UPDATED
F	2	SERVICE RISER UPDATED
F	3	LAYOUT UPDATED

Notes

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Key Plan

Client

NSW GOVERNMENT

Consultant

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number

121234

Size check

25mm

Checked

SJ

Approved

PM

Sheet size

A1

Scale

1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL 08

Status

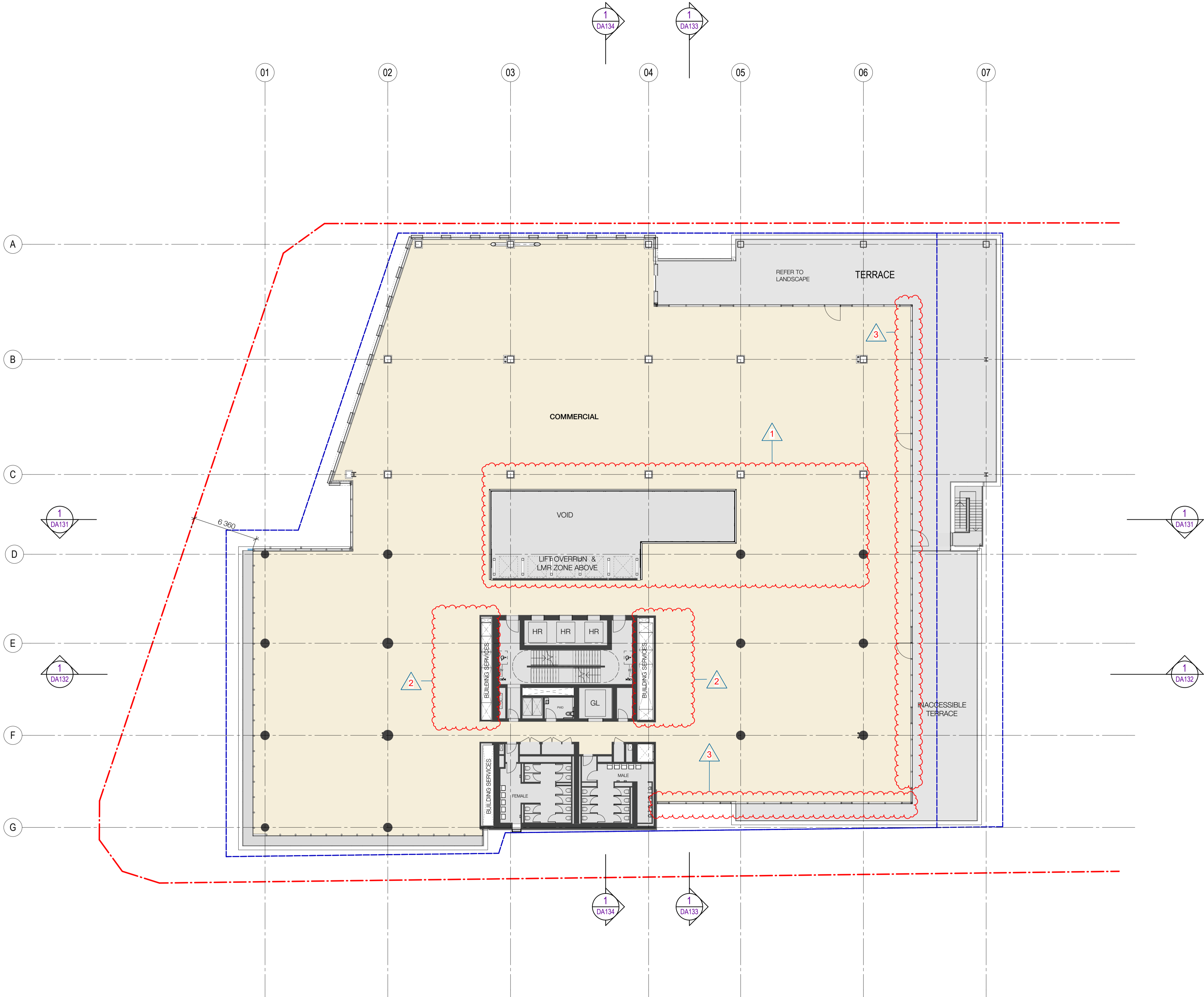
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA108

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

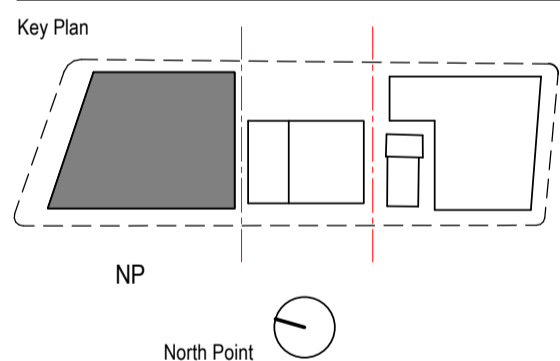
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		SERVICE RISER UPDATED
F 3		LAYOUT UPDATED

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Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	121234	Size check	25mm
Checked	SJ	Approved	PM
Sheet size	A1	Scale	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL 09

Status

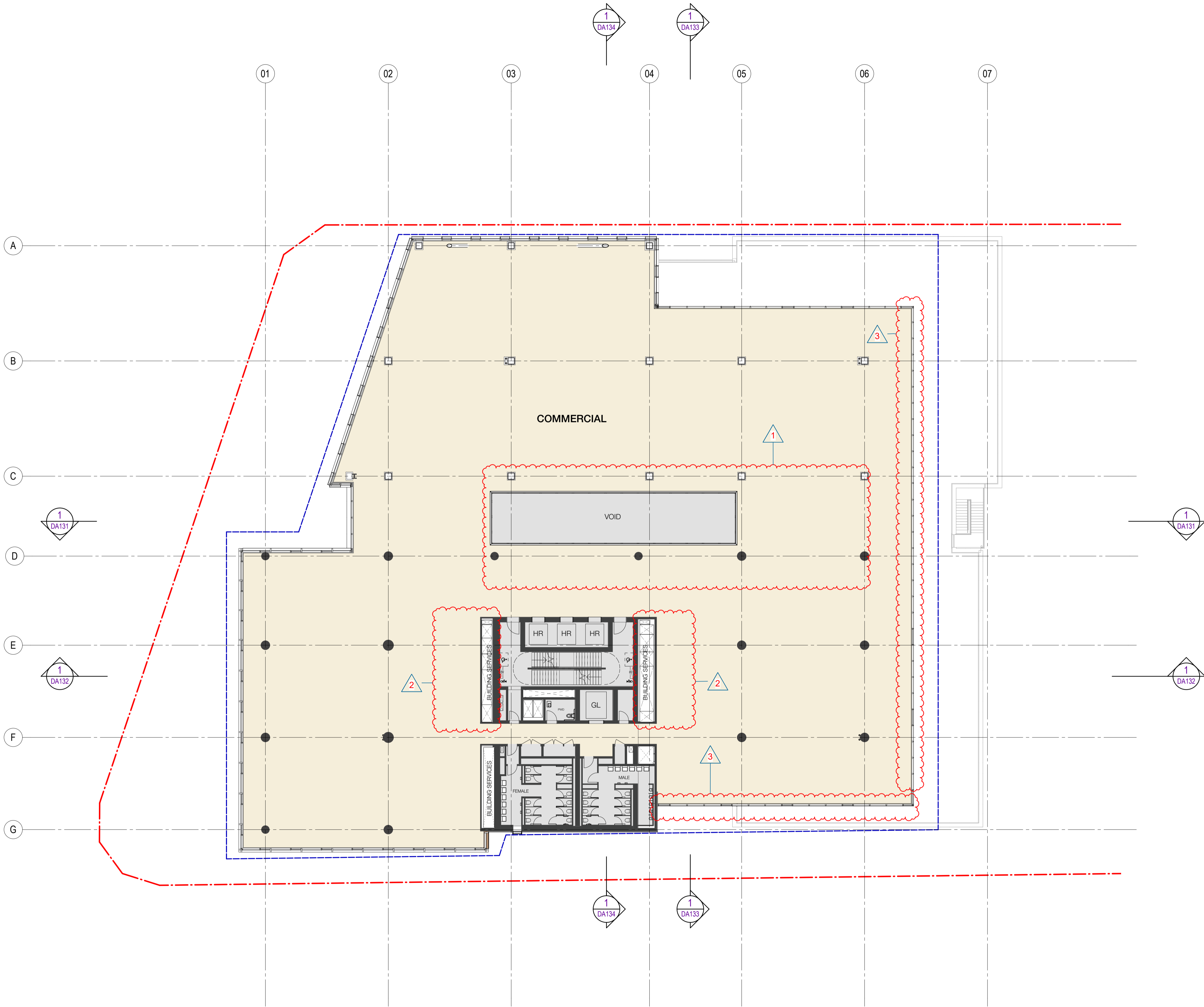
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA109

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history

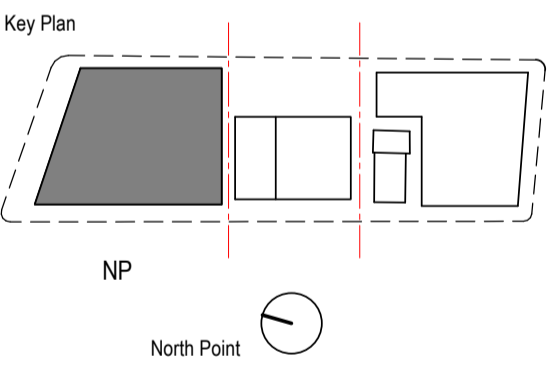
#	Status	Description	Date
A	FOR INFORMATION (DA)		15.07.20
B	FOR APPROVAL		31.07.20
C	FOR APPROVAL		28.08.20
D	FOR APPROVAL		25.09.20
E	FOR INFORMATION		28.01.21
F	FOR APPROVAL		15.03.21

Current Revision Amendments

#	Mark	Comments
F	1	ATRIUM UPDATED
F	2	SERVICE RISER UPDATED
F	3	LAYOUT UPDATED

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A Joint Venture Project

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Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
121234	25mm
Checked	Approved
SJ	PM
Sheet size	Scale
A1	1 : 200

Sheet title

SSD10440
BUILDING 1 - FLOOR PLAN - LEVEL
10-12

Status

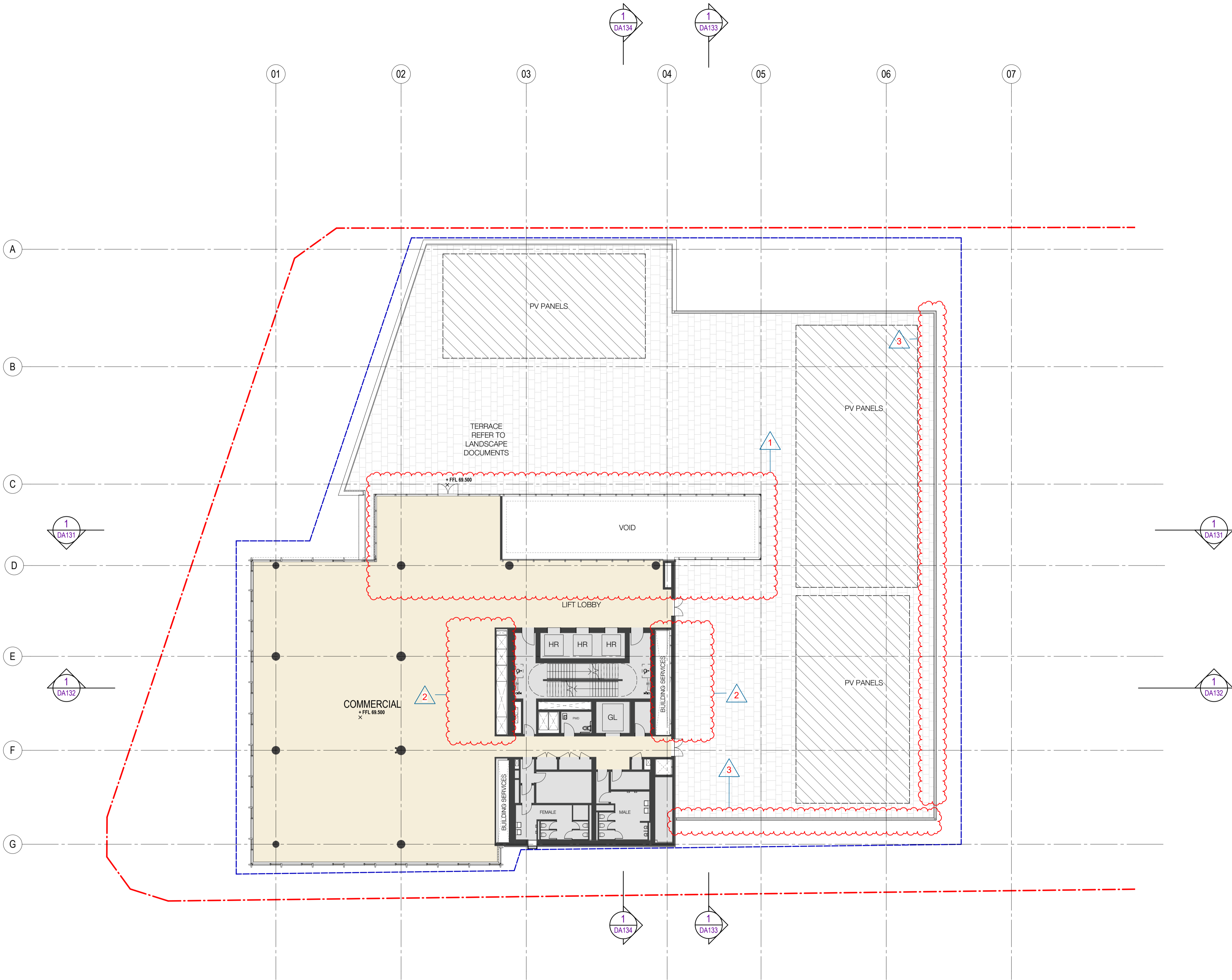
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA110

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

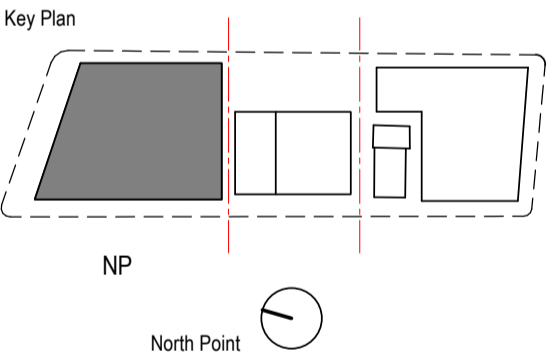
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		SERVICE RISER UPDATED
F 3		LAYOUT UPDATED

Notes

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Waterloo Integrated Station Development

JOHN HOLLAND

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Consultant

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WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
121234	25mm
Checked	Approved
SJ	PM
Sheet size	Scale
A1	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL

13 - ROOF TERRACE

Status

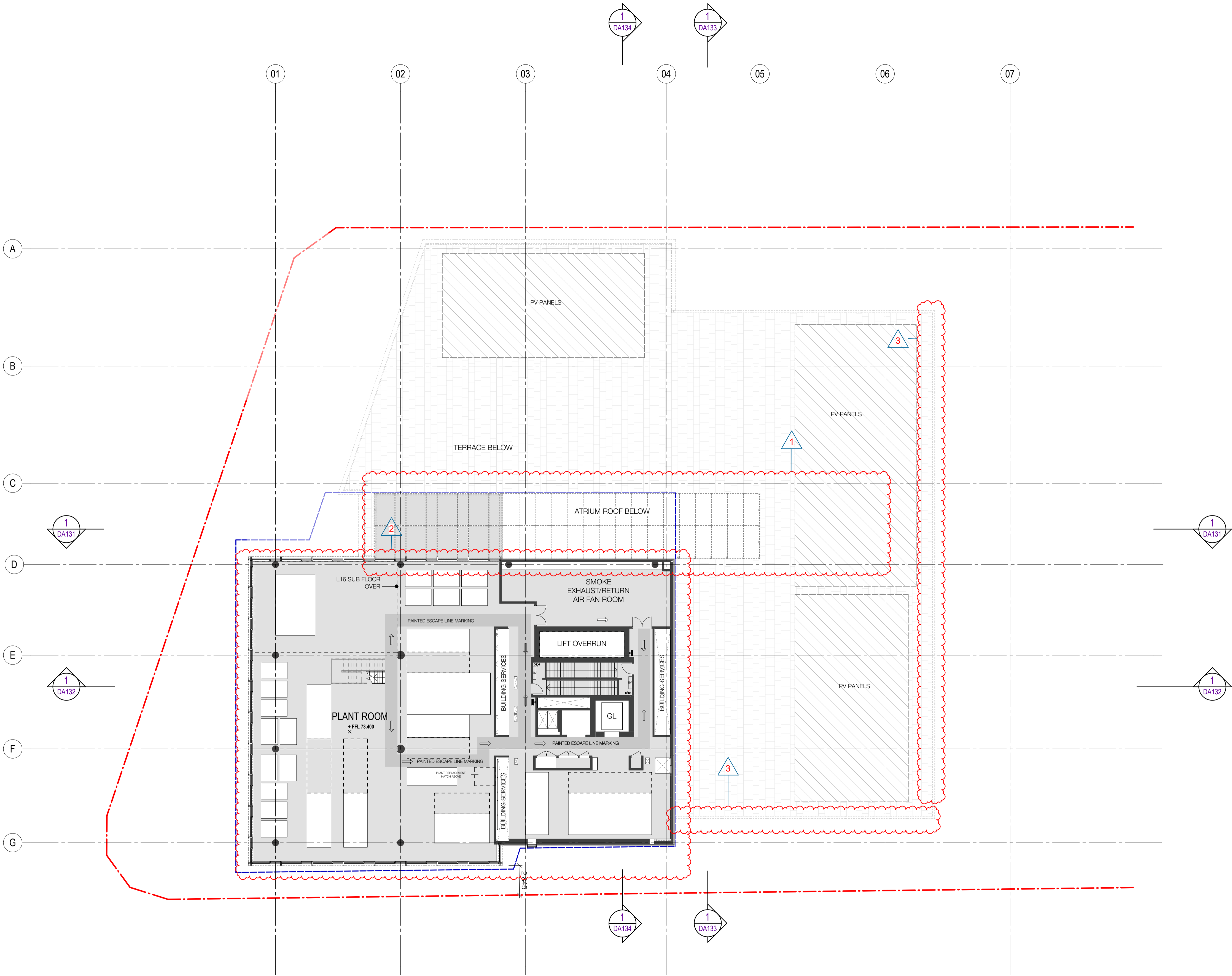
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA113

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

SSD DA PRECINCT BOUNDARY

PV PANEL ZONE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

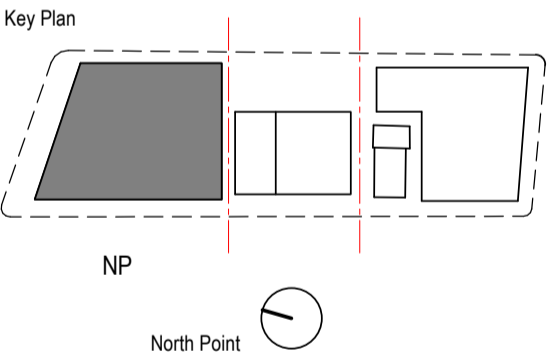
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		LEVEL 15 BECOME LEVEL 14
F 3		LAYOUT UPDATED

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Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	121234	Size check	25mm
Checked	SJ	Approved	PM
Sheet size	A1	Scale	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL 14

Status

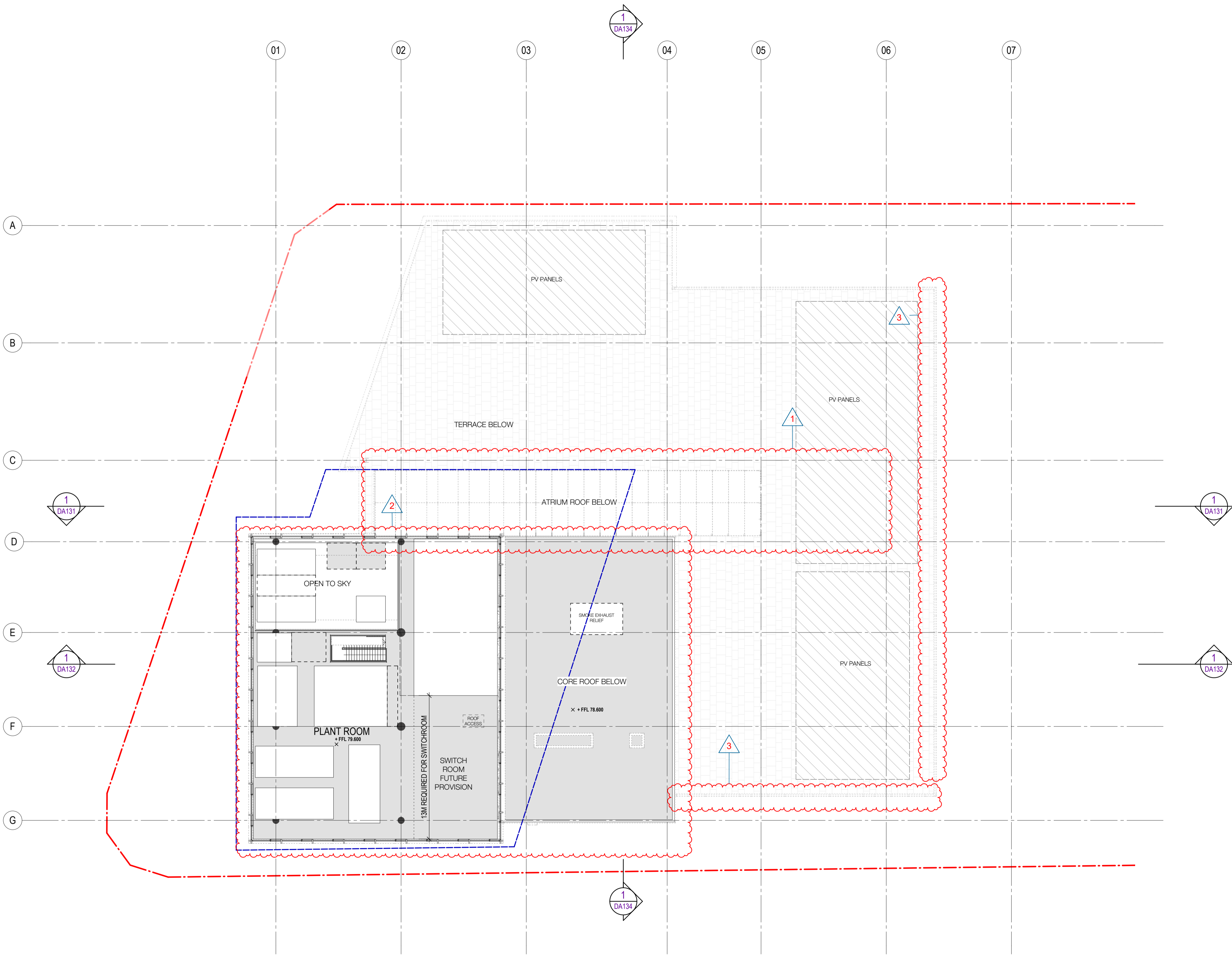
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA114

Revision

F



LEGEND

PROPERTY LINE

PLANNING ENVELOPE PROFILE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

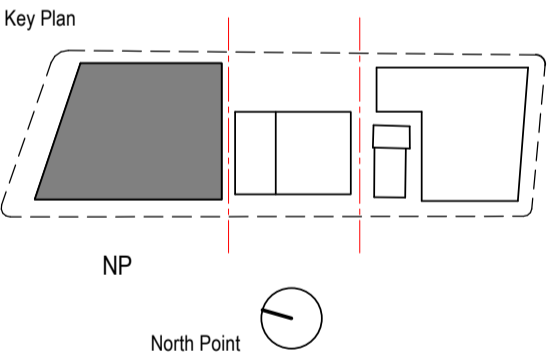
Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		LEVEL 16 BECOME LEVEL 15
F 3		LAYOUT UPDATED

Notes

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Project

WATERLOO METRO QUARTER DEVELOPMENT

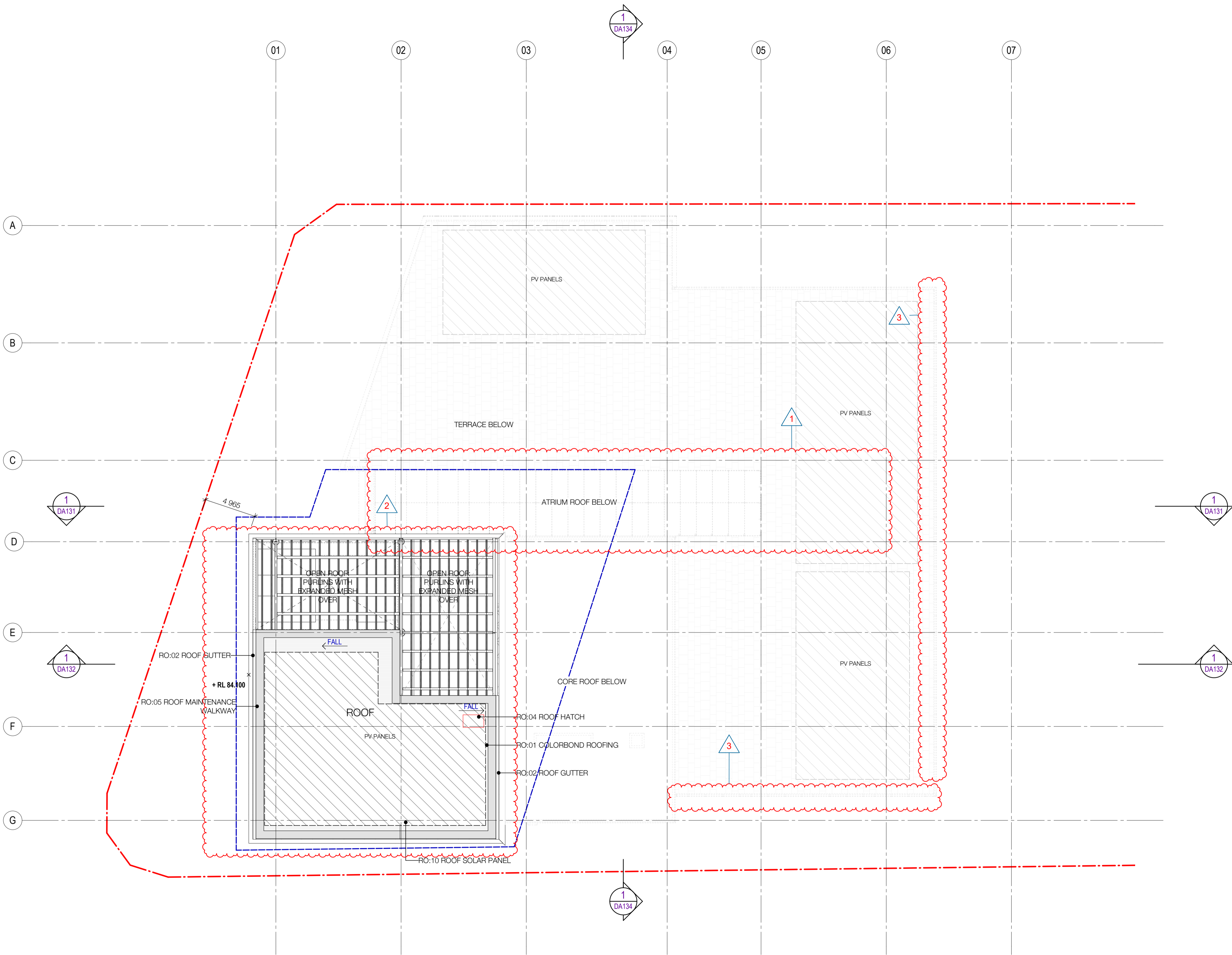
Project number	Size check
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Checked	Approved
SJ	PM
Sheet size	Scale
A1	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL 15

Status	FOR APPROVAL	Revision
Sheet number	WMQ-BLD1-WBG-AR-DRG-DA115	F



LEGEND

PROPERTY LINE

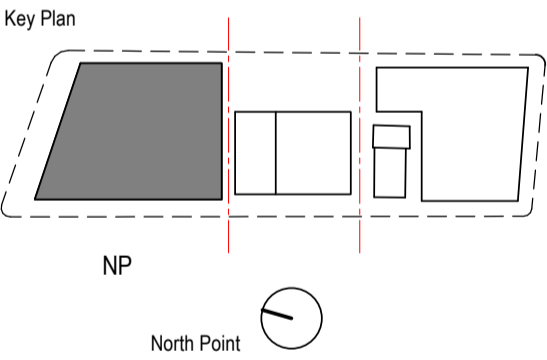
PLANNING ENVELOPE PROFILE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F 1		ATRIUM UPDATED
F 2		LEVEL 17 BECOME LEVEL 16
F 3		LAYOUT UPDATED

Notes

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Waterloo Integrated Station Development

A Joint Venture Project

JOHN HOLLAND mirvac

Consultant

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WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
121234	25mm
Checked	Approved
SJ	PM
Sheet size	Scale
A1	1 : 200

Sheet title

SSD10440

BUILDING 1 - FLOOR PLAN - LEVEL

ROOF PLAN

Status

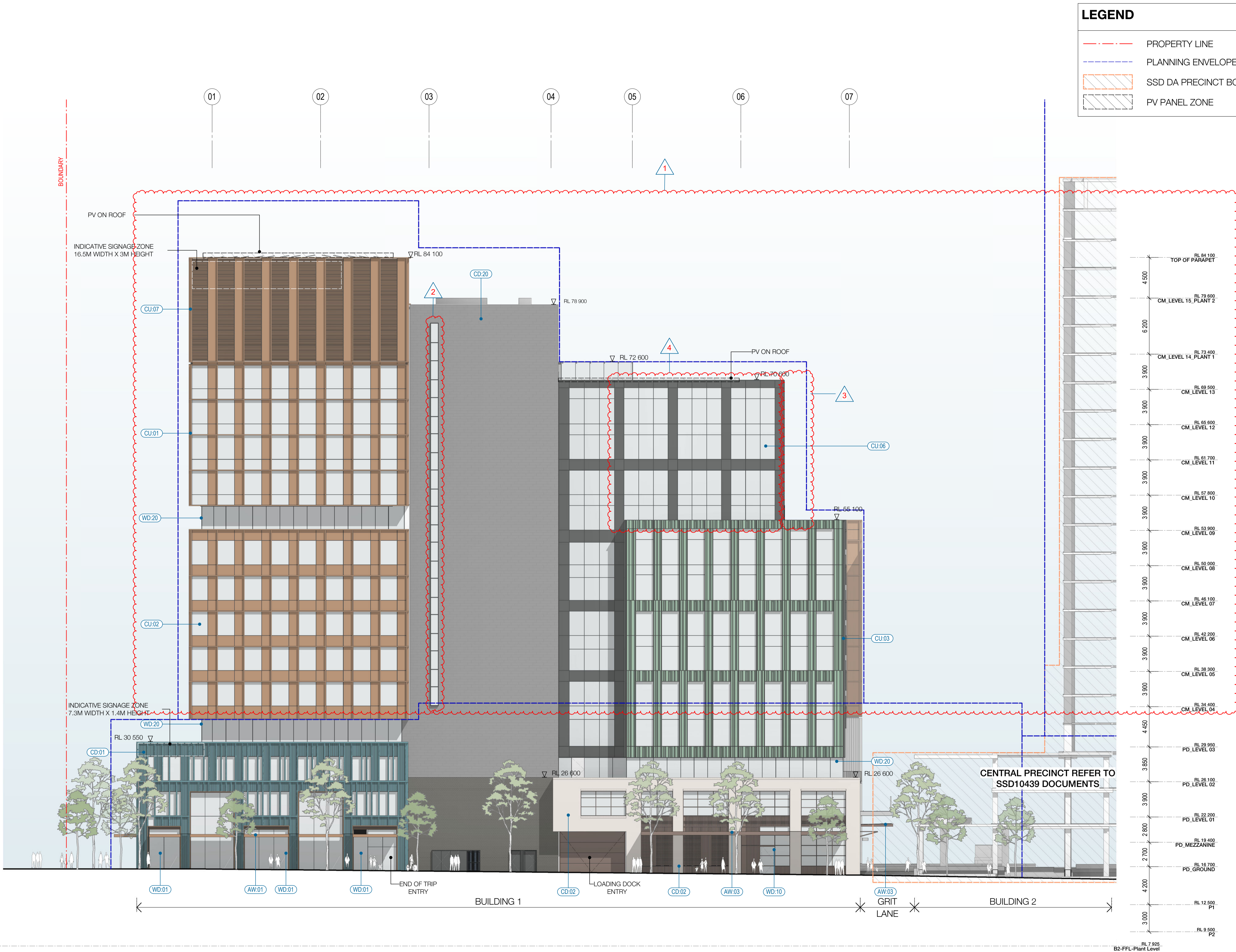
FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA116

Revision

F



LEGEND		
---	PROPERTY LINE	
---	PLANNING ENVELOPE PROFILE	
	SSD DA PRECINCT BOUNDARY	
	PV PANEL ZONE	

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		WINDOWS ADDED
F 3		STAIR REMOVED
F 4		FAÇADE UPDATED

Notes
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FAÇADE - TOWER	
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU:03	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:05	PRE-FINISHED FIBRE CEMENT PANEL
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:07	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:21	STRUCTURAL GLAZED FRAMED WINDOWS

FAÇADE - PODIUM NORTH	
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL
WD:02	REVOLVING DOOR WITH LIGHT FRAME
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

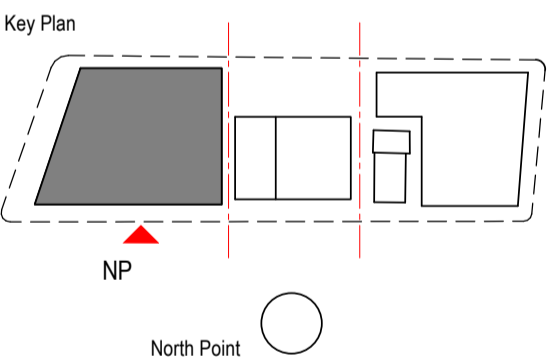
FAÇADE - PODIUM SOUTH	
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE	
CD:03	SOLID FOLDED METAL PANEL
CD:20	COMPRESSED FIBRE CEMENT PANEL
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN

AWNINGS & CANOPIES	
AW:01	NORTH RETAIL AWNING
AW:02	NORTH FOYER ENTRY CANOPY
AW:03	SOUTH RETAIL AWNING
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT	
CL:01	LANEWAY CEILING

METALWORK	
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



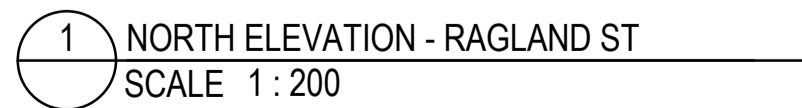
Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title
SSD10440
BUILDING 1 - WEST ELEVATION - BOTANY ROAD

Status	
FOR APPROVAL	
Revision	
Sheet number	Revision
WMQ-BLD1-WBG-AR-DRG-DA121	F

1 WEST ELEVATION - BOTANY RD
SCALE 1 : 200



#	Status	Description	Date
A		FOR INFORMATION (DA)	15.07.20
B		FOR APPROVAL	31.07.20
C		FOR APPROVAL	28.08.20
D		FOR APPROVAL	25.09.20
E		FOR INFORMATION	28.01.21
F		FOR APPROVAL	15.03.21

FACADE - TOWER

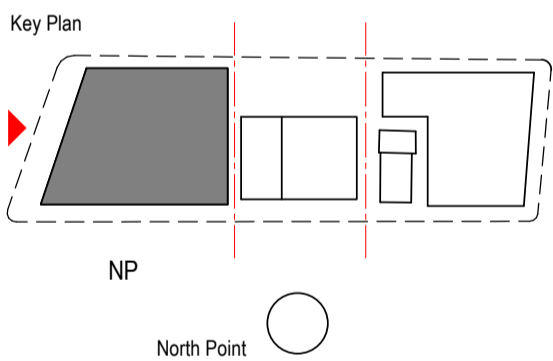
CUJ01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINIS WITH GLASS SPANDREL
CUJ02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINIS WITH METAL SPANDREL
CUJ03	CURTAIN WALL WITH FOLDED ALUMINIUM CLADDING
CUJ04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINIS WITH GLASS & METAL SPANDREL
CUJ05	PREFINISHED FIBRE CEMENT PANEL
CUJ06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINIS WITH GLASS & METAL SPANDREL
CUJ07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
WDJ20	STRUCTURAL GLAZED FRAMED WINDOWS
WDJ21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLASS

FACADE - PODIUM NORTH	
CD 01	CERAMIC GLAZING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD 02	SHOPFRONT WINDOW WITH METAL REVEAL
WD 02	REVOLVING DOOR WITH LIGHT FRAME
WD 03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD 20	STRUCTURAL GLAZED FRAMED WINDOWS
WD 22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS
FACADE - PODIUM SOUTH	
CD 02	CERAMIC GLAZING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD 10	SHOP FRONT GLAZING WITH EXPRESSED SHOPFRONT GLAZED STEEL FRAMED
WD 11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE	
CD-03	SOLID FOLDED METAL PANEL
CD-20	COMPRESSED FIBRE CEMENT PANEL
CU-08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
WD-30	CORE SLOT WINDOW
AWNINGS & CANOPIES	
AW-01	NORTH RETAIL AWNING
AW-02	NORTH FOYER ENTRY CANOPY
AW-03	SOUTH RETAIL AWNING
CP-01	ROOF TERRACE GLAZED CANOPY WITH PAINTED

EXTERNAL SOFFIT
CL:01 LANEWAY CEILING

METALWORK
MW:01 FABRICATED ALUMINIUM PLANTER
POWDERCOAT FINISH



Consultant

W-B™
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

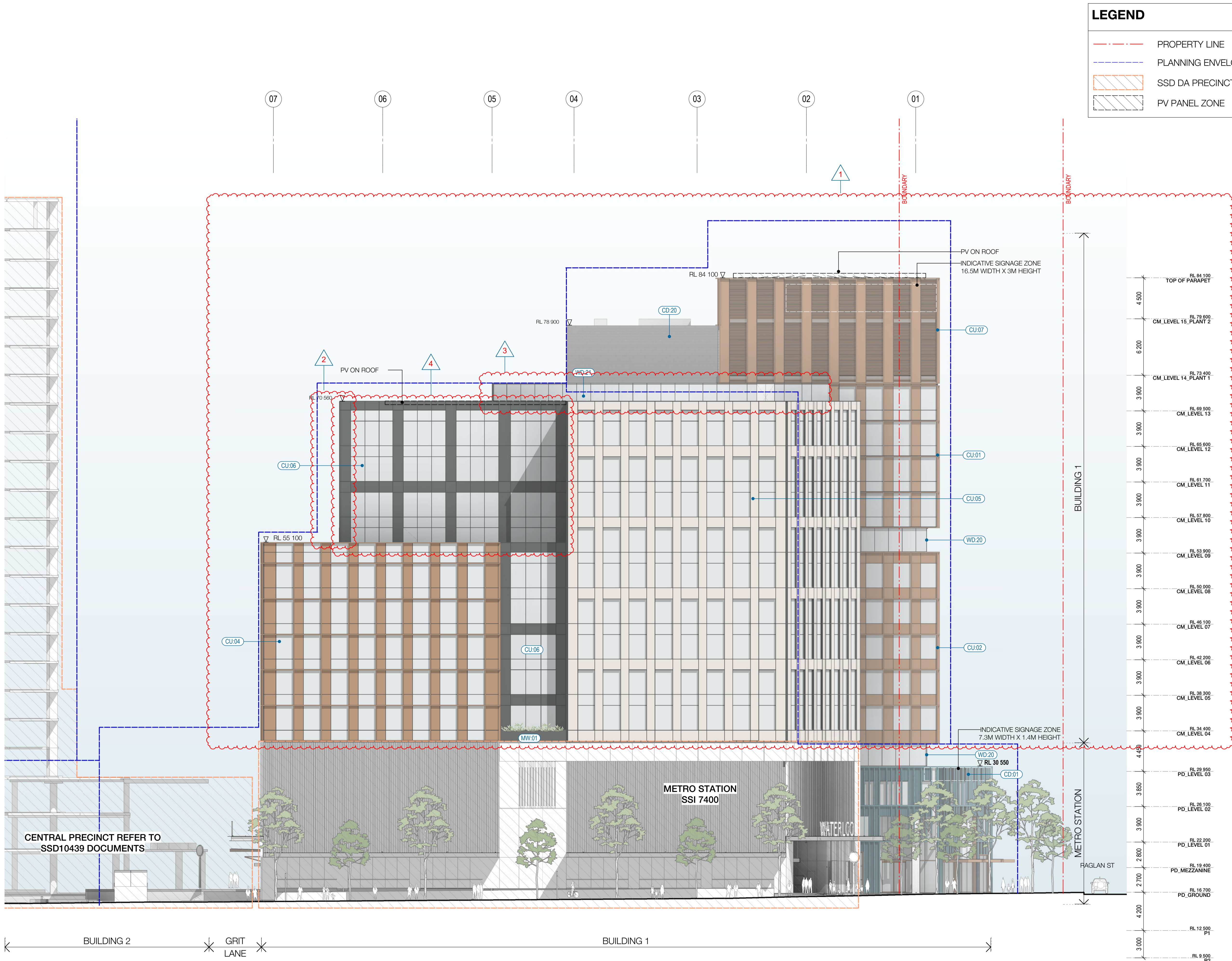
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title
SSD10440
BUILDING 1 - NORTH ELEVATION -
RAGLAN STREET

Status
FOR APPROVAL

Sheet number
WMO-BI D1-WBG-AR-DRG-DA122

Revision



LEGEND

- PROPERTY LINE
- PLANNING ENVELOPE PROFILE
- SSD DA PRECINCT BOUNDARY
- PV PANEL ZONE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments

#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		STAIR REMOVED
F 3		ATRIUM UPDATED
F 4		FAÇADE UPDATED

Notes

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FAÇADE - TOWER

- CU:01 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
- CU:02 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
- CU:03 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING
- CU:04 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
- CU:05 PREFINISHED FIBRE CEMENT PANEL
- CU:06 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
- CU:07 CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
- WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
- WD:21 ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

FAÇADE - PODIUM NORTH

- CD:01 CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
- WD:01 SHOPFRONT WINDOW WITH METAL REVEAL
- WD:02 REVOLVING DOOR WITH LIGHT FRAME
- WD:03 PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
- WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
- WD:22 PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FAÇADE - PODIUM SOUTH

- CD:02 FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
- WD:10 SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
- WD:11 OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE

- CD:03 SOLID FOLDED METAL PANEL
- CD:20 COMPRESSED FIBRE CEMENT PANEL
- CU:08 CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN

AWNINGS & CANOPIES

- AW:01 NORTH RETAIL AWNING
- AW:02 NORTH FOYER ENTRY CANOPY
- AW:03 SOUTH RETAIL AWNING
- CP:01 ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

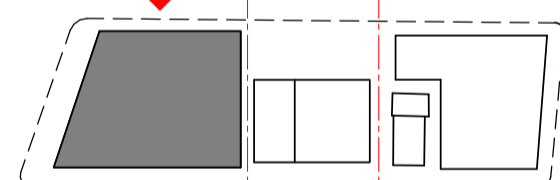
EXTERNAL SOFFIT

- CL:01 LANEWAY CEILING

METALWORK

- MW:01 FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH

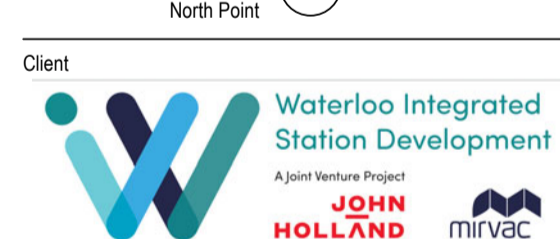
Key Plan



NP

North Point

Client



Consultant



Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number

121234

Checked

YT

Approved

PM

Sheet size

A1

Scale

As indicated

Sheet title

SSD10440

BUILDING 1 - EAST ELEVATION -

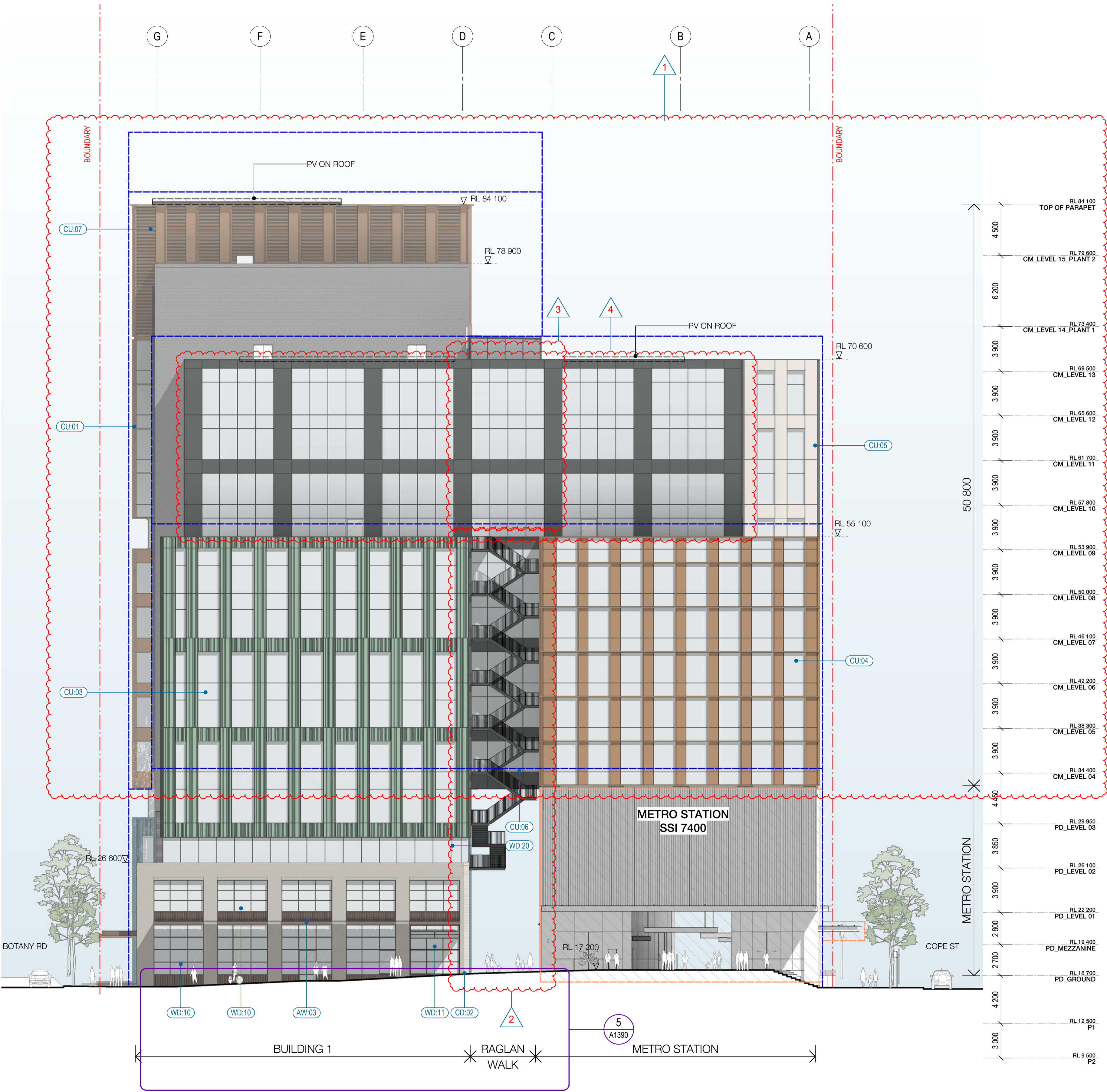
COPE STREET

Status

FOR APPROVAL

Revision

WMQ-BLD1-WBG-AR-DRG-DA123 F



LEGEND

- PROPERTY LINE
- PLANNING ENVELOPE PROFILE
- SSD DA PRECINCT BOUNDARY
- PV PANEL ZONE

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		STAIR UPDATED
F 3		STAIR REMOVED
F 4		FACADE UPDATED

Notes
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FACADE - TOWER

CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:05	PREFINISHED FIBRE CEMENT PANEL
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

FACADE - PODIUM NORTH

CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL
WD:02	REVOLVING DOOR WITH LIGHT FRAME
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH

CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE

CD:03	SOLID FOLDED METAL PANEL
CD:20	COMPRESSED FIBRE CEMENT PANEL
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN

AWNINGS & CANOPIES

AW:01	NORTH RETAIL AWNING
AW:02	NORTH FOYER ENTRY CANOPY
AW:03	SOUTH RETAIL AWNING
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

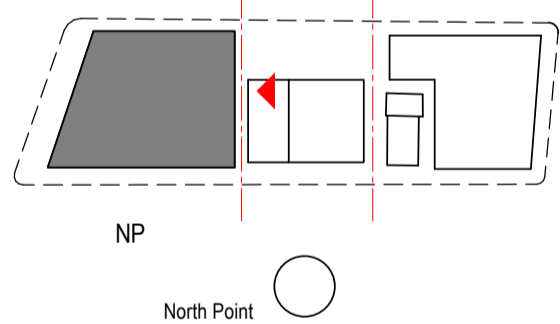
EXTERNAL SOFFIT

CL:01	LANEWAY CEILING
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METALWORK

MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH
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Key Plan



Client



Consultant



W-B
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title

SSD10440
BUILDING 1 - SOUTH ELEVATION - GRIT LANE

Status

FOR APPROVAL

Sheet number Revision

WMQ-BLD1-WBG-AR-DRG-DA124 F



LEGEND		
---	PROPERTY LINE	
---	PLANNING ENVELOPE PROFILE	
	SSD DA PRECINCT BOUNDARY	

Recent revision history		
#	Status	Description
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.12.20
F	FOR INFORMATION	28.01.21
G	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		STAIR REMOVED
F 3		ATRIUM UPDATED

Notes

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FACADE - TOWER	
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU:03	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:05	PREFINISHED FIBRE CEMENT PANEL
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:07	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZING

FACADE - PODIUM NORTH	
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL
WD:02	REVOLVING DOOR WITH LIGHT FRAME
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

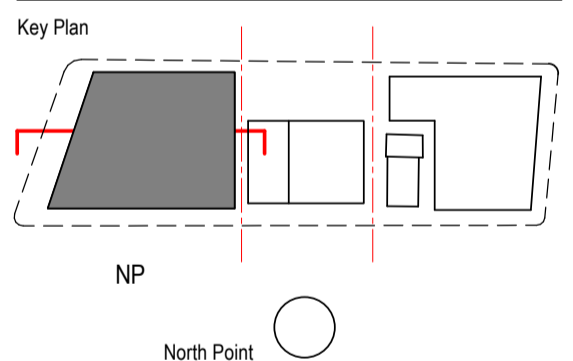
FACADE - PODIUM SOUTH	
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE	
CD:03	SOLID FOLDED METAL PANEL
CD:20	COMPRESSED FIBRE CEMENT PANEL
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
WD:30	CORE SLOT WINDOW

AWNINGS & CANOPIES	
AW:01	NORTH RETAIL AWNING
AW:02	NORTH FOYER ENTRY CANOPY
AW:03	SOUTH RETAIL AWNING
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT	
CL:01	LANEWAY CEILING

METALWORK	
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



Consultant

W-B
WOODS BAGOT

Project

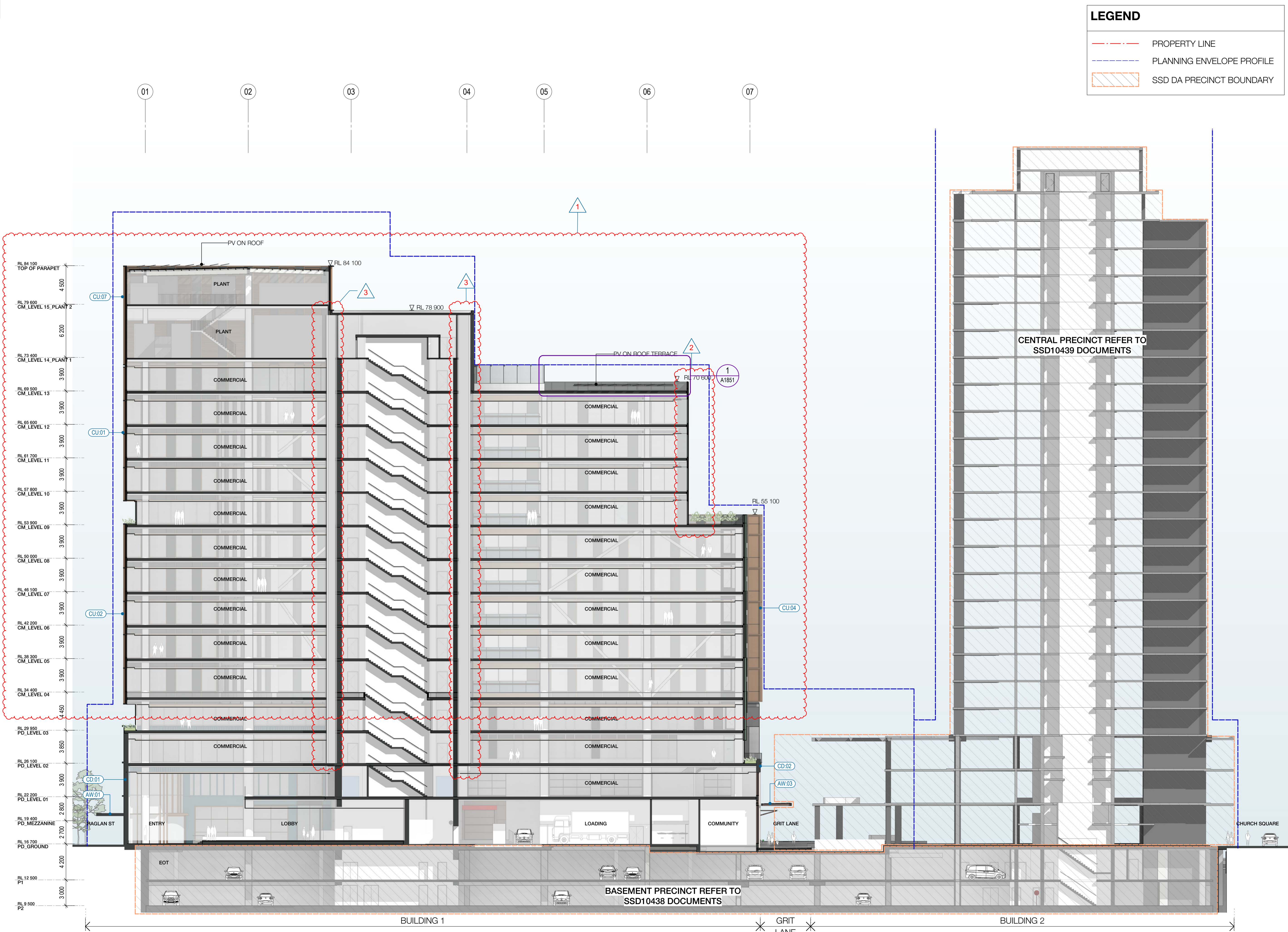
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title

SSD10440
BUILDING 1 - LONGITUDINAL
SECTION 01 - RAGLAN WALK

Status	Revision
FOR APPROVAL	
Sheet number	Revision
WMQ-BLD1-WBG-AR-DRG-DA131	G



LEGEND		
---	PROPERTY LINE	
---	PLANNING ENVELOPE PROFILE	
	SSD DA PRECINCT BOUNDARY	

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR INFORMATION	28.01.21
F	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		STAIR REMOVED
F 3		SERVICE RISER UPDATED

Notes
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FACADE - TOWER	
CU-01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
CU-02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU-03	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU-04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU-05	PRE-FINISHED FIBRE CEMENT PANEL
CU-06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU-07	CURTAIN WALL WITH ARCHITECTURAL LOUVER AND PROFILED METAL
WD-20	STRUCTURAL GLAZED FRAMED WINDOWS
WD-21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

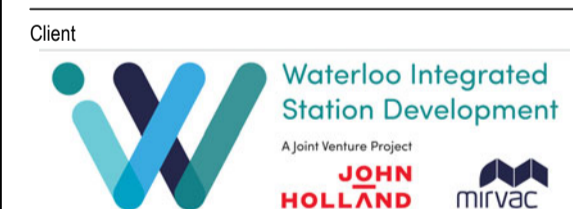
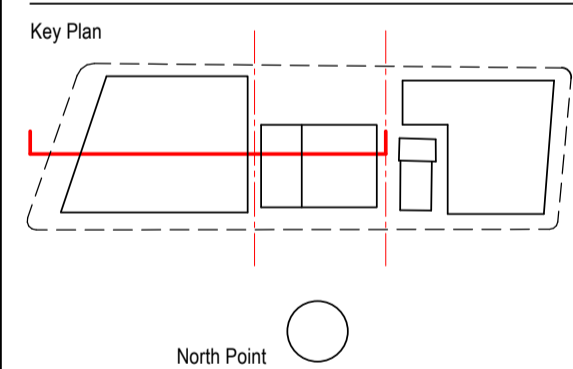
FACADE - PODIUM NORTH	
CD-01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD-01	SHOPFRONT WINDOW WITH METAL REVEAL
WD-02	REVOLVING DOOR WITH LIGHT FRAME
WD-03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD-20	STRUCTURAL GLAZED FRAMED WINDOWS
WD-22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH	
CD-02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD-10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD-11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE	
CD-03	SOLID FOLDED METAL PANEL
CD-20	COMPRESSED FIBRE CEMENT PANEL
CU-08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN

AWNINGS & CANOPIES	
AW-01	NORTH RETAIL AWNING
AW-02	NORTH FOYER ENTRY CANOPY
AW-03	SOUTH RETAIL AWNING
CP-01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT	
CL-01	LANEWAY CEILING
METALWORK	
MW-01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH

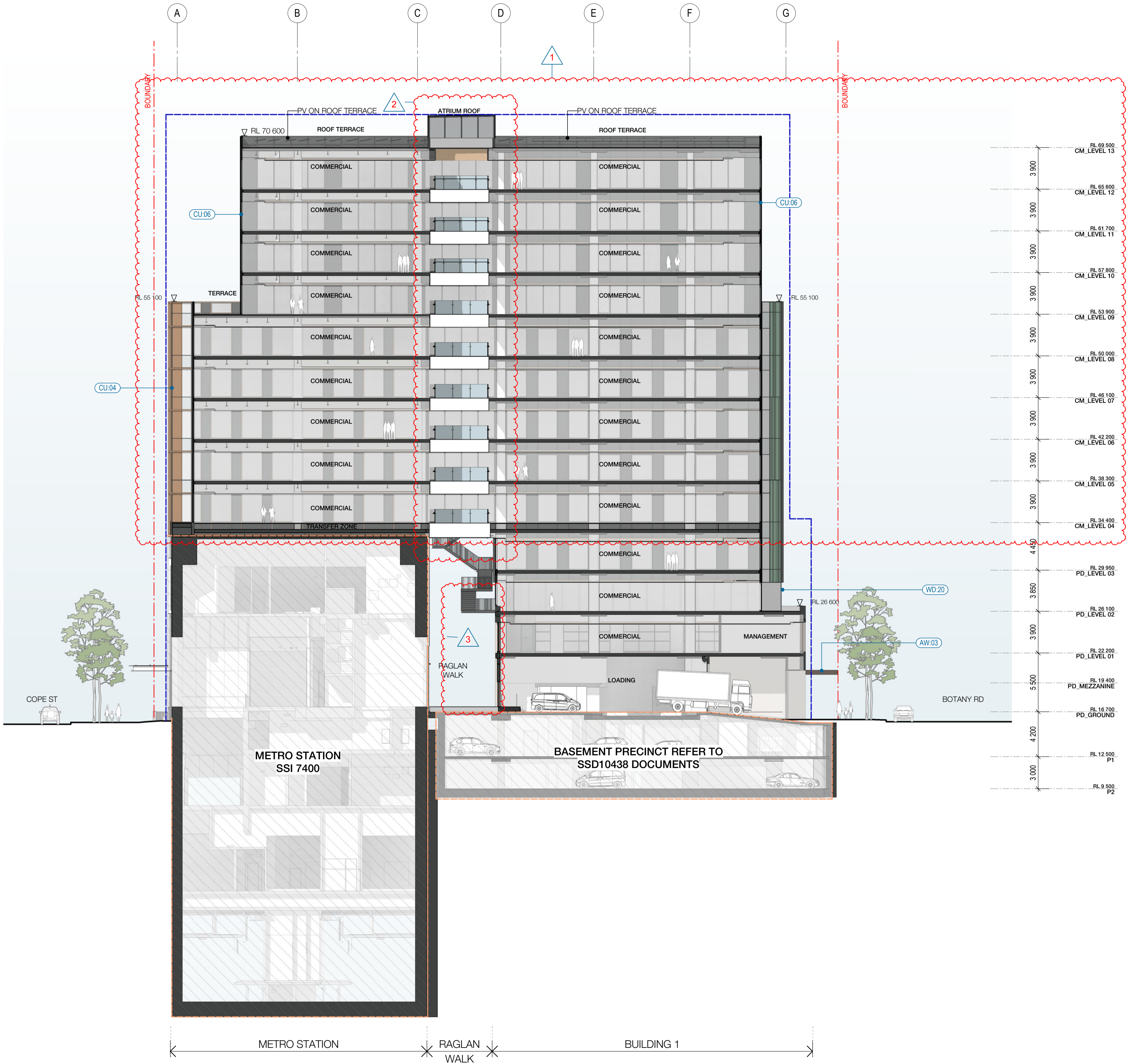


Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title
SSD10440
BUILDING 1 - LONGITUDINAL SECTION 02

Status	
FOR APPROVAL	
Revision	
Sheet number	Revision
WMQ-BLD1-WBG-AR-DRG-DA132	F



LEGEND

- PROPERTY LINE
- PLANNING ENVELOPE PROFILE
- SSD DA PRECINCT BOUNDARY

#	Status	Description	Date
A	FOR INFORMATION (DA)		15.07.20
B	FOR APPROVAL		31.07.20
C	FOR APPROVAL		28.08.20
D	FOR APPROVAL		25.09.20
E	FOR APPROVAL		15.03.21

Current Revision Amendments

#	Mark	Comments
F 1		HEIGHT REDUCED
F 2		ATRIUM UPDATED
F 3		STAIR UPDATED

Notes

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FACADE - TOWER

CU-01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS SPANDREL
CU-02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH METAL SPANDREL
CU-03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING
CU-04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
CU-05	PREFINISHED FIBRE CEMENT PANEL
CU-06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
CU-07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
WD-20	STRUCTURAL GLAZED FRAMED WINDOWS
WD-21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

FACADE - PODIUM NORTH

CD-01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD-01	SHOPFRONT WINDOW WITH METAL REVEAL
WD-02	REVOLVING DOOR WITH LIGHT FRAME
WD-03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD-20	STRUCTURAL GLAZED FRAMED WINDOWS
WD-22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH

CD-02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD-10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD-11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE

CD-03	SOLID FOLDED METAL PANEL
CD-20	COMPRESSED FIBRE CEMENT PANEL
CU-08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN

AWNINGS & CANOPIES

AW-01	NORTH RETAIL AWNING
AW-02	NORTH FOYER ENTRY CANOPY
AW-03	SOUTH RETAIL AWNING
CP-01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

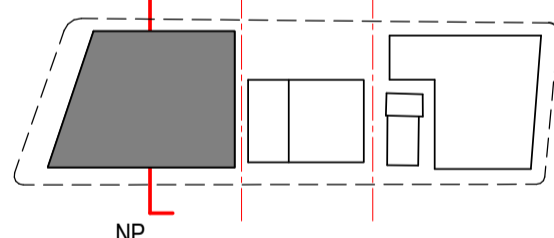
EXTERNAL SOFFIT

CL-01	LANEWAY CEILING
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METALWORK

MW-01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH
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Key Plan



North Point

Client



Consultant



Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title

SSD10440
BUILDING 1 - CROSS SECTION 01

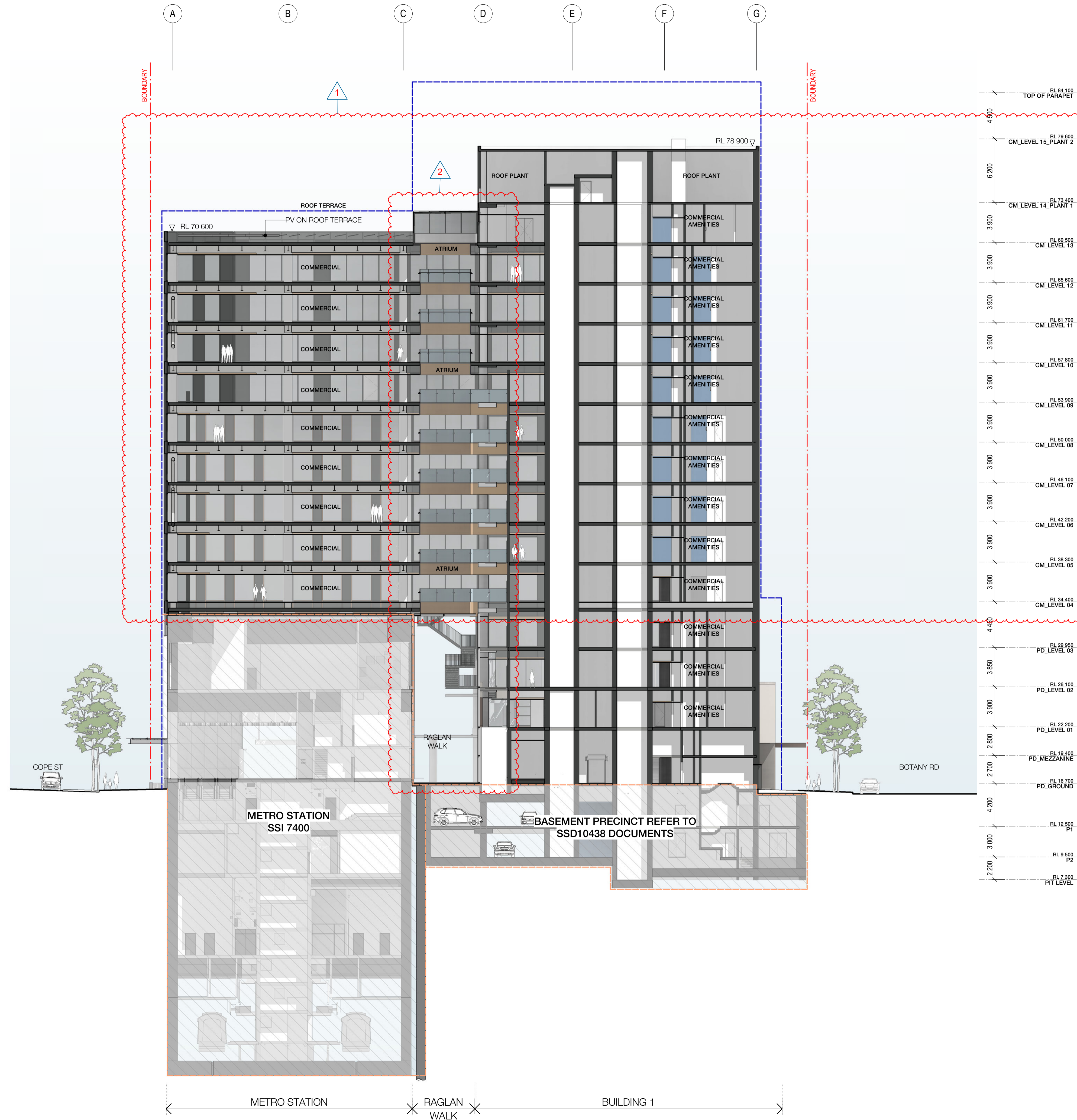
Status

FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA133 E

1 CROSS SECTION 1
SCALE 1 : 200



LEGEND

- PROPERTY LINE
- PLANNING ENVELOPE PROFILE
- SSD DA PRECINCT BOUNDARY

Recent revision history

#	Status	Description	Date
A	FOR INFORMATION (DA)		15.07.20
B	FOR APPROVAL		31.07.20
C	FOR APPROVAL		28.08.20
D	FOR APPROVAL		25.09.20
E	FOR APPROVAL		15.03.21

Current Revision Amendments

#	Mark	Comments
F	1	HEIGHT REDUCED
F	2	ATRIUM & STAIR UPDATED

Notes

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FACADE - TOWER

- CU:01 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
- CU:02 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
- CU:03 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING
- CU:04 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
- CU:05 PREFINISHED FIBRE CEMENT PANEL
- CU:06 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
- CU:07 CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
- WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
- WD:21 ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

FACADE - PODIUM NORTH

- CD:01 CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
- WD:01 SHOPFRONT WINDOW WITH METAL REVEAL
- WD:02 REVOLVING DOOR WITH LIGHT FRAME
- WD:03 PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
- WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
- WD:22 PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH

- CD:02 FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
- WD:10 SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
- WD:11 OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE

- CD:03 SOLID FOLDED METAL PANEL
- CD:20 COMPRESSED FIBRE CEMENT PANEL
- CU:08 CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
- WD:30 CORE SLOT WINDOW

AWNINGS & CANOPIES

- AW:01 NORTH RETAIL AWNING
- AW:02 NORTH FOYER ENTRY CANOPY
- AW:03 SOUTH RETAIL AWNING
- CP:01 ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT

- CL:01 LANEWAY CEILING

METALWORK

- MW:01 FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH

Key Plan

Client

Waterloo Integrated Station Development

A Joint Venture Project

JOHN HOLLAND mirvac

NSW GOVERNMENT

sydney METRO

Consultant

W-B
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
121234	25mm

Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title

SSD10440

BUILDING 1 - CROSS SECTION 02

Status

FOR APPROVAL

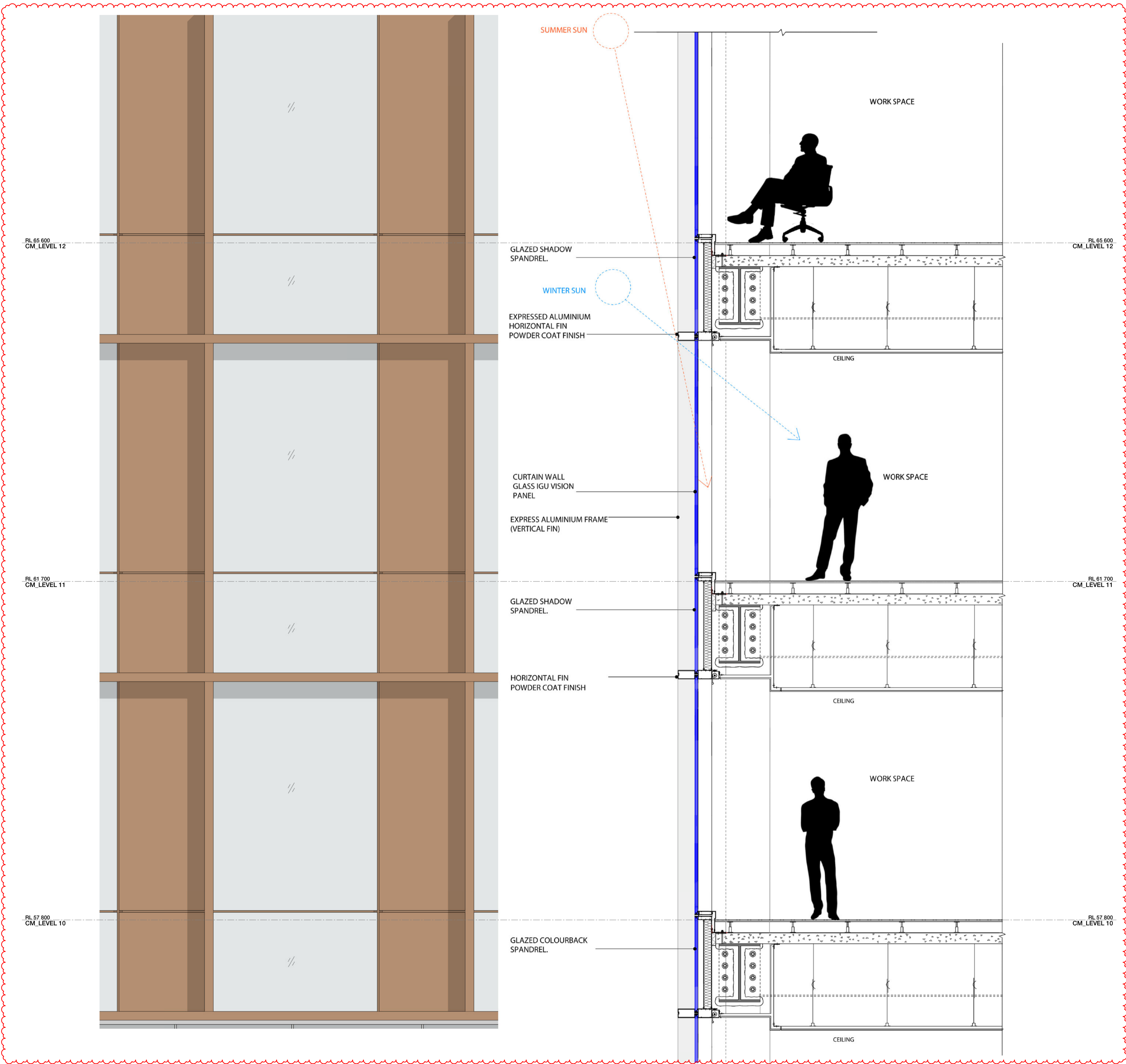
Sheet number

WMQ-BLD1-WBG-AR-DRG-DA134

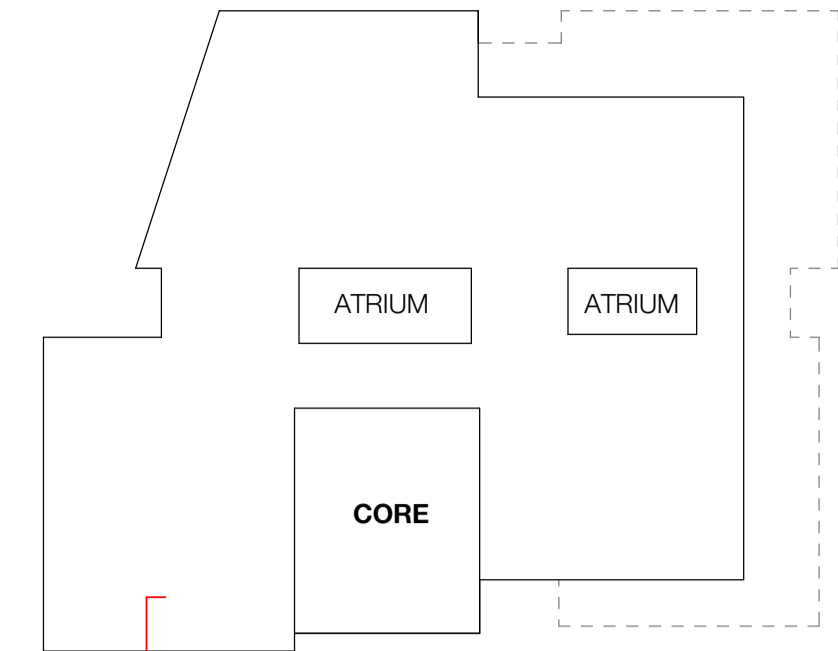
Revision

E

1



1 TYPICAL DETAIL ELEVATION / SECTION - CU01
SCALE 1 : 25



KEY PLAN

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	FLOOR TO FLOOR HEIGHT REDUCED

Notes
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Do not scale drawings.

FACADE - TOWER		
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS SPANDREL	
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH METAL SPANDREL	
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING	
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL	
CU:05	PREFINISHED FIBRE CEMENT PANEL	
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL	
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED	

FACADE - PODIUM NORTH		
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL	
WD:02	REVOLVING DOOR WITH LIGHT FRAME	
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS	

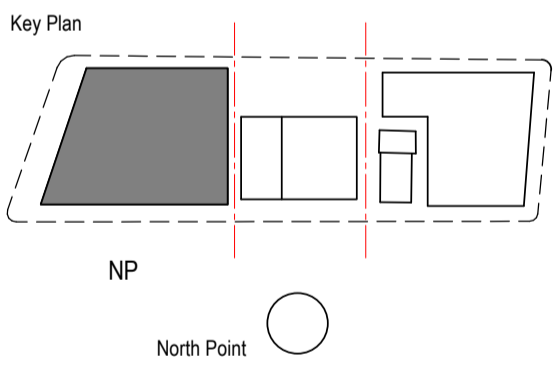
FACADE - PODIUM SOUTH		
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	

CORE		
CD:03	SOLID FOLDED METAL PANEL	
CD:20	COMPRESSED FIBRE CEMENT PANEL	
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN	
WD:30	CORE SLOT WINDOW	

AWNINGS & CANOPIES		
AW:01	NORTH RETAIL AWNING	
AW:02	NORTH FOYER ENTRY CANOPY	
AW:03	SOUTH RETAIL AWNING	
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME	

EXTERNAL SOFFIT		
CL:01	LANEWAY CEILING	

METALWORK		
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH	



Consultant
W-B
WOODS BAGOT

Project
WATERLOO METRO QUARTER DEVELOPMENT

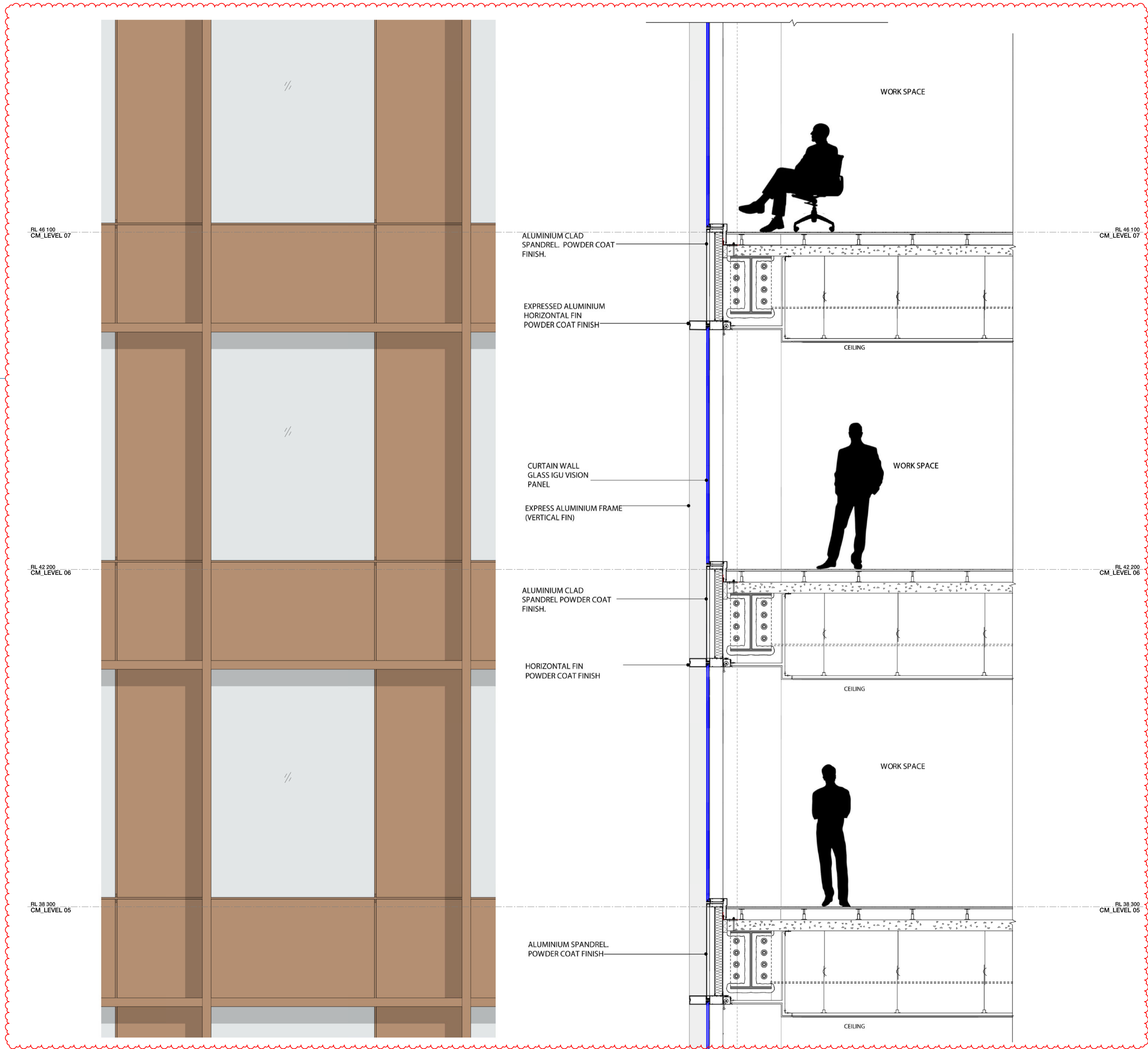
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BUILDING 1 - CU01 TOWER FACADE DETAILS

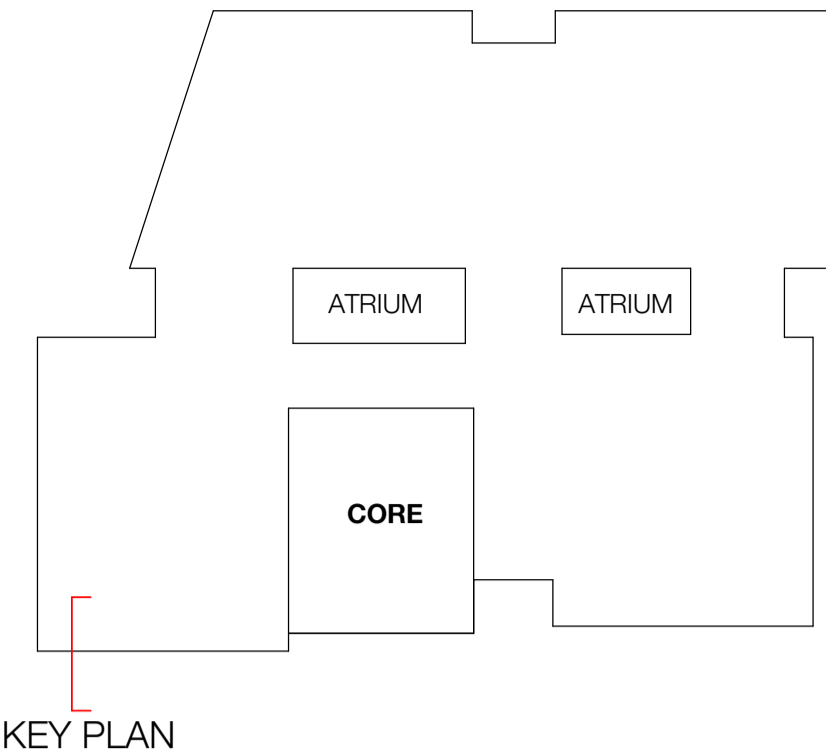
Status
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Sheet number
WMQ-BLD1-WBG-AR-DRG-DA141

Revision
E



1 TYPICAL DETAIL ELEVATION / SECTION - CU02
SCALE 1 : 25



Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	FLOOR TO FLOOR HEIGHT REDUCED

Notes
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- FACADE - TOWER**
- CU:01 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS SPANDREL
 - CU:02 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH METAL SPANDREL
 - CU:03 CURTAIN WALL WITH FOLDED ALUMINIUM GLADDING
 - CU:04 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
 - CU:05 PREFINISHED FIBRE CEMENT PANEL
 - CU:06 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
 - CU:07 CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
 - WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
 - WD:21 ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

- FACADE - PODIUM NORTH**
- CD:01 CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
 - WD:01 SHOPFRONT WINDOW WITH METAL REVEAL
 - WD:02 REVOLVING DOOR WITH LIGHT FRAME
 - WD:03 PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
 - WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
 - WD:22 PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

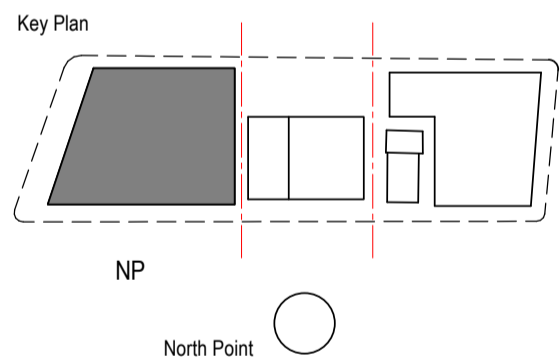
- FACADE - PODIUM SOUTH**
- CD:02 FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
 - WD:10 SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
 - WD:11 OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

- CORE**
- CD:03 SOLID FOLDED METAL PANEL
 - CD:20 COMPRESSED FIBRE CEMENT PANEL
 - CU:08 CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
 - WD:30 CORE SLOT WINDOW

- AWNINGS & CANOPIES**
- AW:01 NORTH RETAIL AWNING
 - AW:02 NORTH FOYER ENTRY CANOPY
 - AW:03 SOUTH RETAIL AWNING
 - CP:01 ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

- EXTERNAL SOFFIT**
- CL:01 LANEWAY CEILING

- METALWORK**
- MW:01 FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



Consultant
W-B
WOODS BAGOT

Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

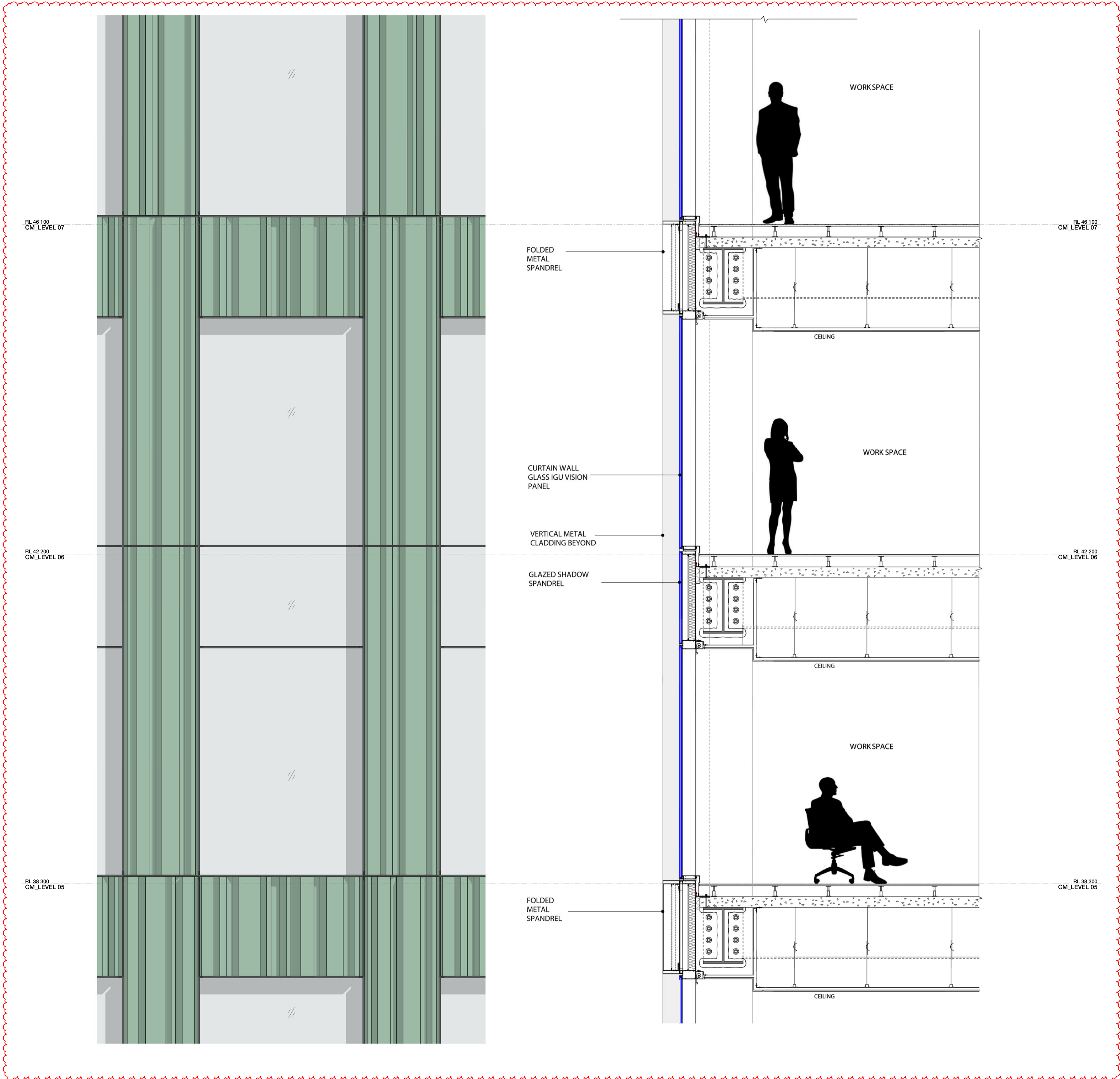
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SSD10440
BUILDING 1 - CU02 TOWER FACADE DETAILS

Status
FOR APPROVAL

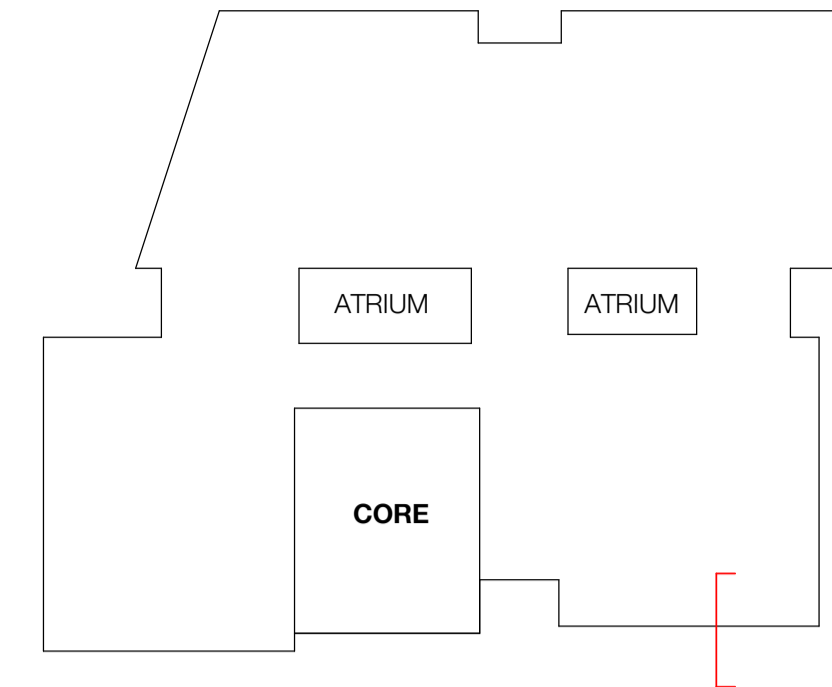
Sheet number
WMQ-BLD1-WBG-AR-DRG-DA142

Revision
E

1



1 TYPICAL DETAIL ELEVATION / SECTION - CU03
SCALE 1 : 25



KEY PLAN

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E 1		FLOOR TO FLOOR HEIGHT REDUCED

Notes
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FACADE - TOWER		
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL	
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL	
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING	
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:05	PREFINISHED FIBRE CEMENT PANEL	
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED	

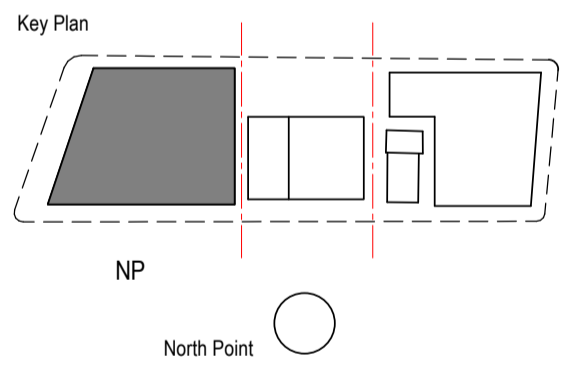
FACADE - PODIUM NORTH		
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL	
WD:02	REVOLVING DOOR WITH LIGHT FRAME	
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS	

FACADE - PODIUM SOUTH		
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	

CORE		
CD:03	SOLID FOLDED METAL PANEL	
CD:20	COMPRESSED FIBRE CEMENT PANEL	
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN	

AWNINGS & CANOPIES		
AW:01	NORTH RETAIL AWNING	
AW:02	NORTH FOYER ENTRY CANOPY	
AW:03	SOUTH RETAIL AWNING	
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME	

EXTERNAL SOFFIT		
CL:01	LANEWAY CEILING	
METALWORK		
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH	



Project
WATERLOO METRO QUARTER DEVELOPMENT

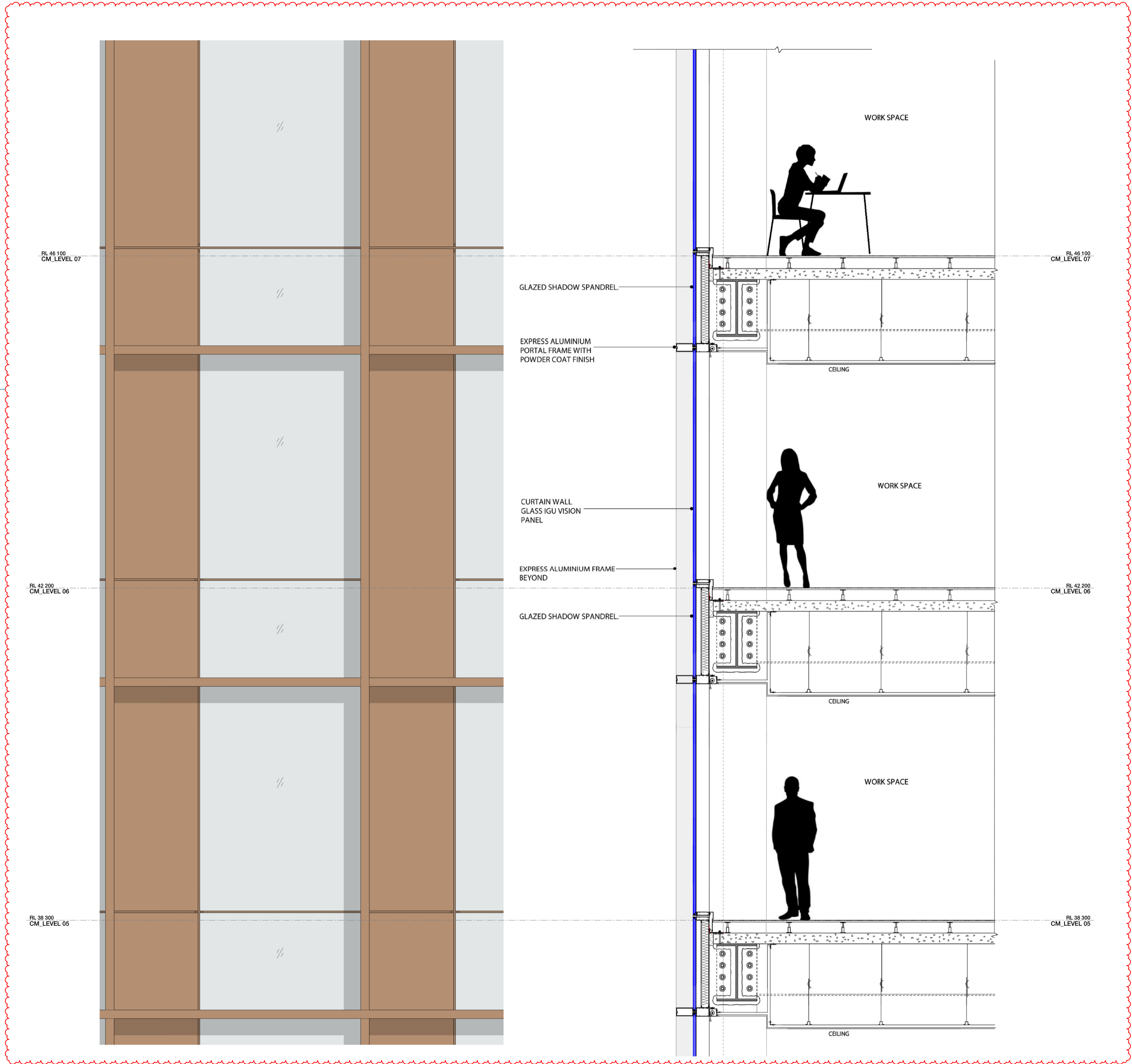
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BUILDING 1 - CU03 TOWER FACADE DETAILS

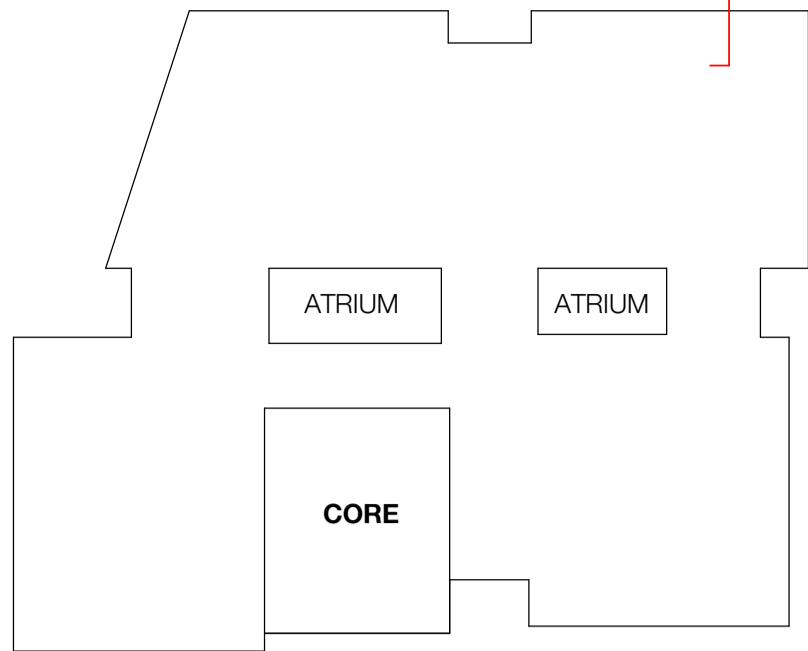
Status
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Sheet number
WMQ-BLD1-WBG-AR-DRG-DA143

Revision
E



KEY PLAN



Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	FLOOR TO FLOOR HEIGHT REDUCED

Notes
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- FACADE - TOWER**
- CU:01 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
 - CU:02 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
 - CU:03 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING
 - CU:04 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
 - CU:05 PREFINISHED FIBRE CEMENT PANEL
 - CU:06 CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
 - CU:07 CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
 - WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
 - WD:21 ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

- FACADE - PODIUM NORTH**
- CD:01 CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
 - WD:01 SHOPFRONT WINDOW WITH METAL REVEAL
 - WD:02 REVOLVING DOOR WITH LIGHT FRAME
 - WD:03 PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
 - WD:20 STRUCTURAL GLAZED FRAMED WINDOWS
 - WD:22 PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

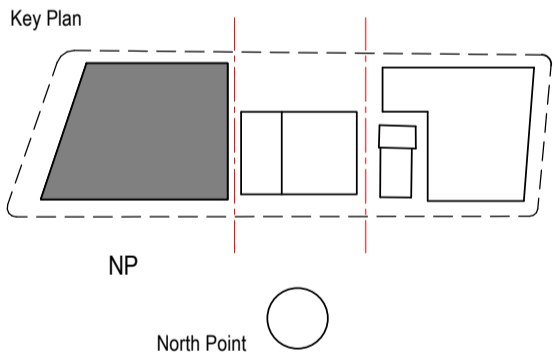
- FACADE - PODIUM SOUTH**
- CD:02 FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
 - WD:10 SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
 - WD:11 OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

- CORE**
- CD:03 SOLID FOLDED METAL PANEL
 - CD:20 COMPRESSED FIBRE CEMENT PANEL
 - CU:08 CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
 - WD:30 CORE SLOT WINDOW

- AWNINGS & CANOPIES**
- AW:01 NORTH RETAIL AWNING
 - AW:02 NORTH FOYER ENTRY CANOPY
 - AW:03 SOUTH RETAIL AWNING
 - CP:01 ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

- EXTERNAL SOFFIT**
- CL:01 LANEWAY CEILING

- METALWORK**
- MW:01 FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



Consultant
W-B
WOODS BAGOT

Project
WATERLOO METRO QUARTER DEVELOPMENT

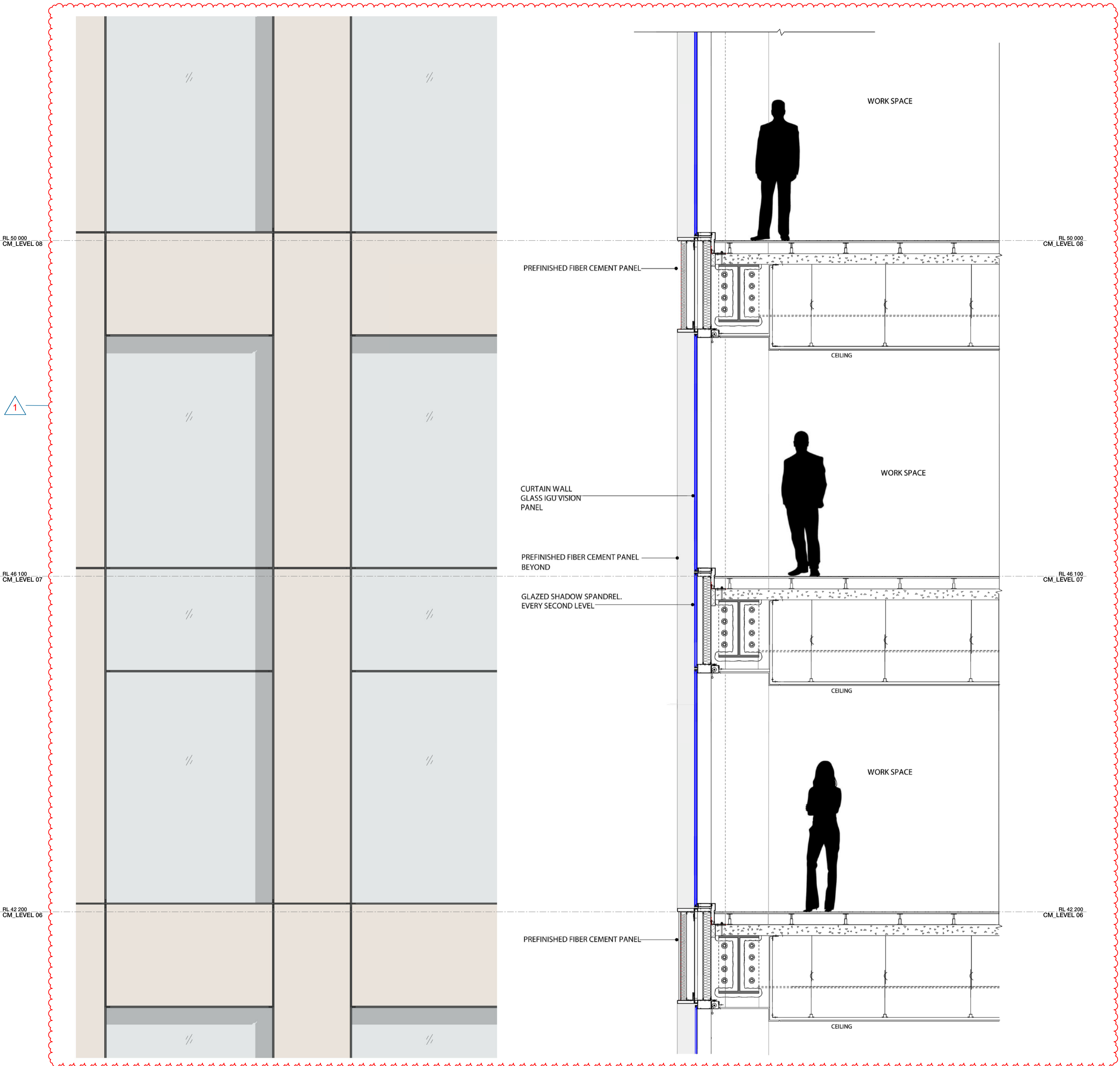
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SSD10440
BUILDING 1 - CU04 TOWER FACADE DETAILS

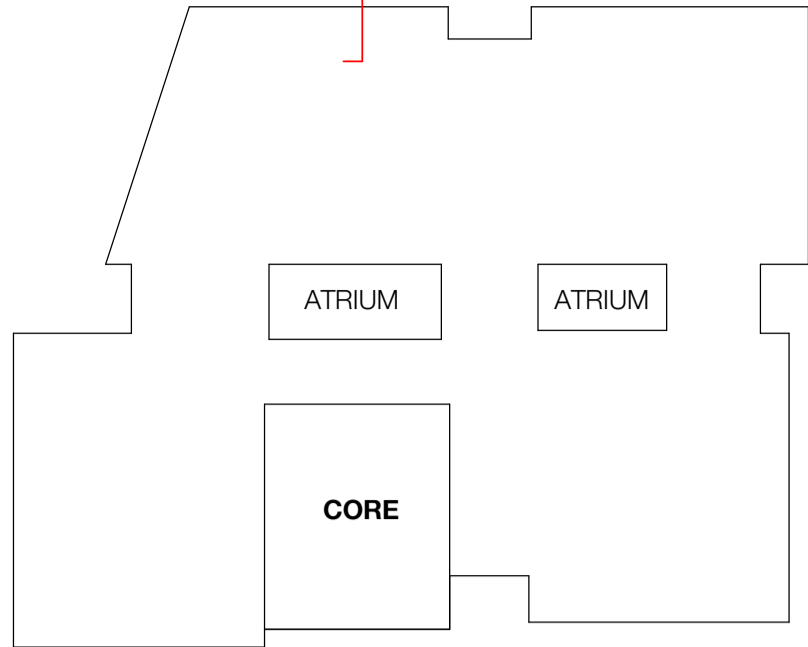
Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA144

Revision
E



1 TYPICAL DETAIL ELEVATION / SECTION - CU05
SCALE 1 : 25



KEY PLAN

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E 1		FLOOR TO FLOOR HEIGHT REDUCED

Notes
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FACADE - TOWER	
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:05	PREFINISHED FIBRE CEMENT PANEL
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

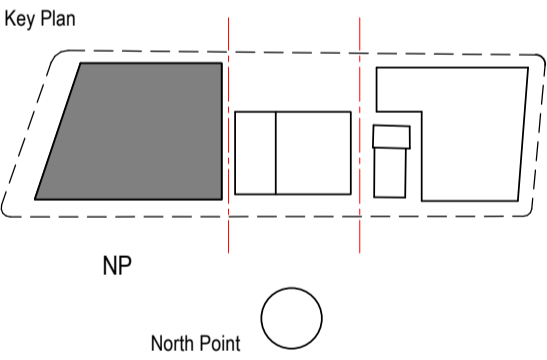
FACADE - PODIUM NORTH	
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL
WD:02	REVOLVING DOOR WITH LIGHT FRAME
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH	
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE	
CD:03	SOLID FOLDED METAL PANEL
CD:20	COMPRESSED FIBRE CEMENT PANEL
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
WD:30	CORE SLOT WINDOW

AWNINGS & CANOPIES	
AW:01	NORTH RETAIL AWNING
AW:02	NORTH FOYER ENTRY CANOPY
AW:03	SOUTH RETAIL AWNING
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT	
CL:01	LANEWAY CEILING
METALWORK	
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



Consultant
W-B
WOODS BAGOT

Project
WATERLOO METRO QUARTER DEVELOPMENT

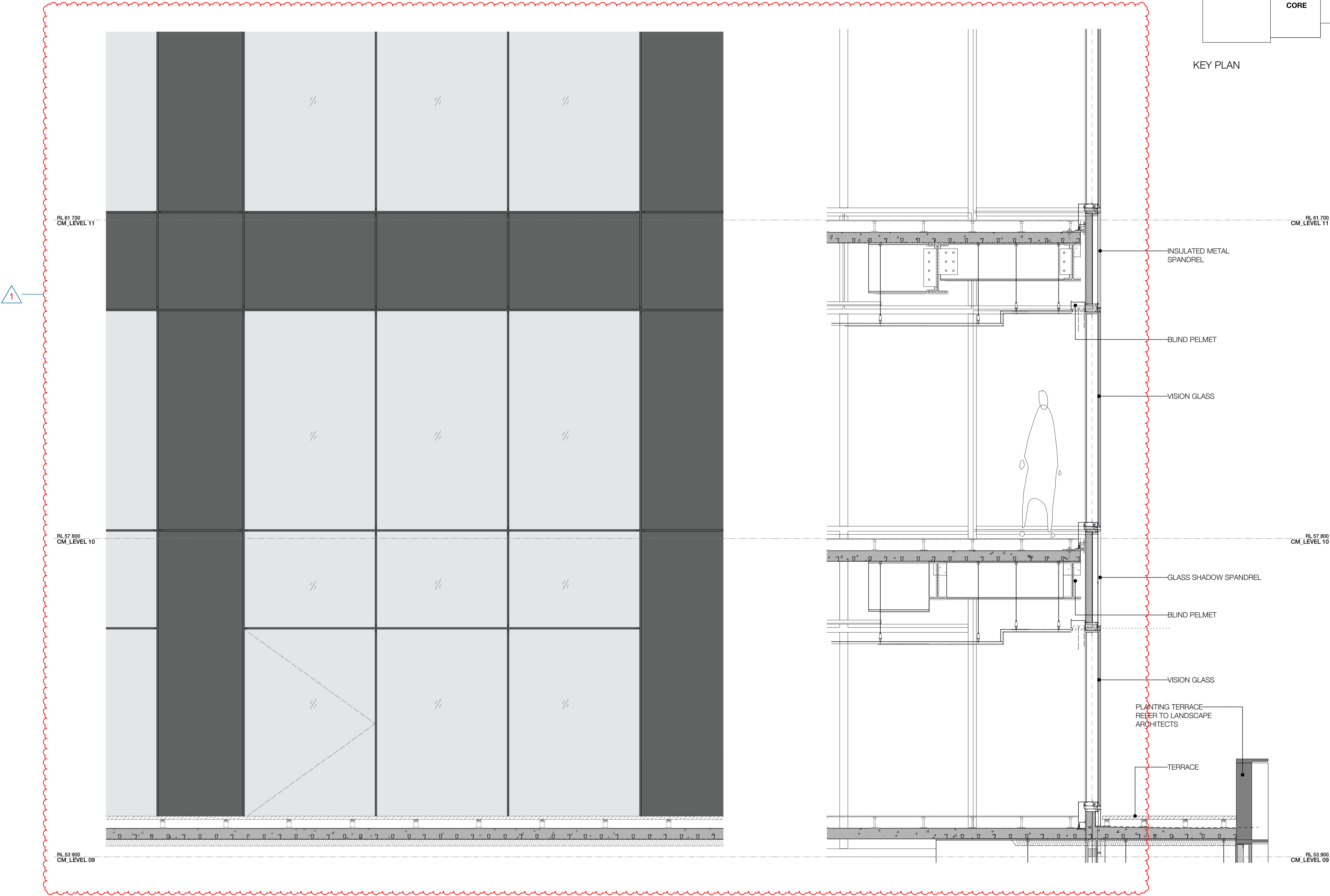
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YT	PM
Sheet size	Scale
A1	As indicated

Sheet title
SSD10440
BUILDING 1 - CU05 TOWER FACADE DETAILS

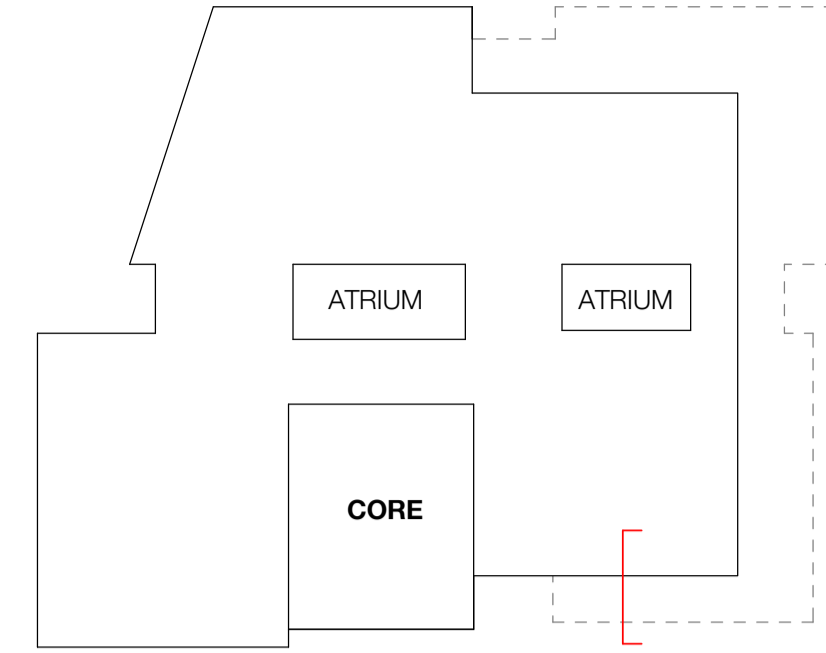
Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA145

Revision
E



1 TYPICAL DETAIL ELEVATION / SECTION - CU06
SCALE 1 : 25



KEY PLAN

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	FLOOR TO FLOOR HEIGHT REDUCED

Notes
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FACADE - TOWER		
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS SPANDREL	
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH METAL SPANDREL	
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLAZING	
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL	
CU:05	PREFINISHED FIBRE CEMENT PANEL	
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL	
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED	

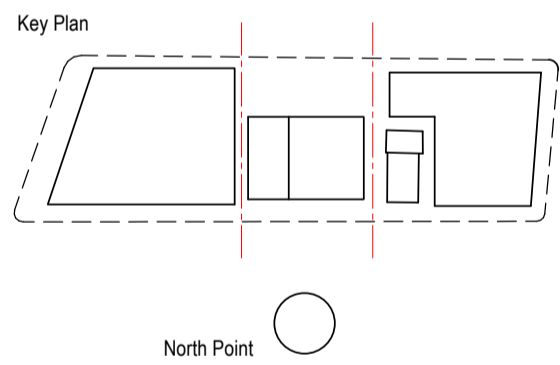
FACADE - PODIUM NORTH		
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL	
WD:02	REVOLVING DOOR WITH LIGHT FRAME	
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS	

FACADE - PODIUM SOUTH		
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	

CORE		
CD:03	SOLID FOLDED METAL PANEL	
CD:20	COMPRESSED FIBRE CEMENT PANEL	
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN	

AWNINGS & CANOPIES		
AW:01	NORTH RETAIL AWNING	
AW:02	NORTH FOYER ENTRY CANOPY	
AW:03	SOUTH RETAIL AWNING	
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME	

EXTERNAL SOFFIT		
CL:01	LANEWAY CEILING	
METALWORK		
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH	



Consultant
W-B™
WOODS BAGOT

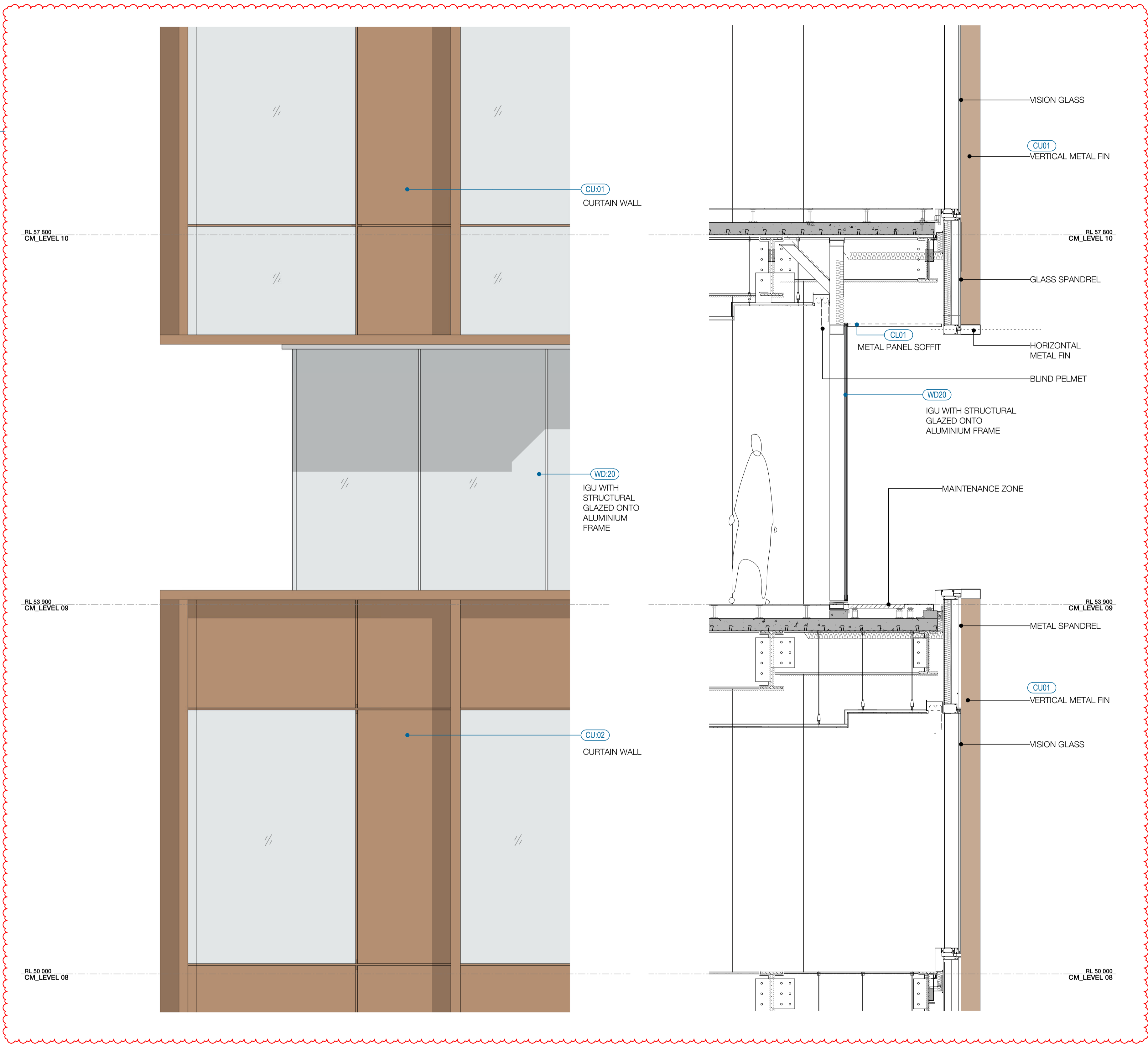
Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
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Checked YT	Approved PM
Sheet size A1	Scale As indicated

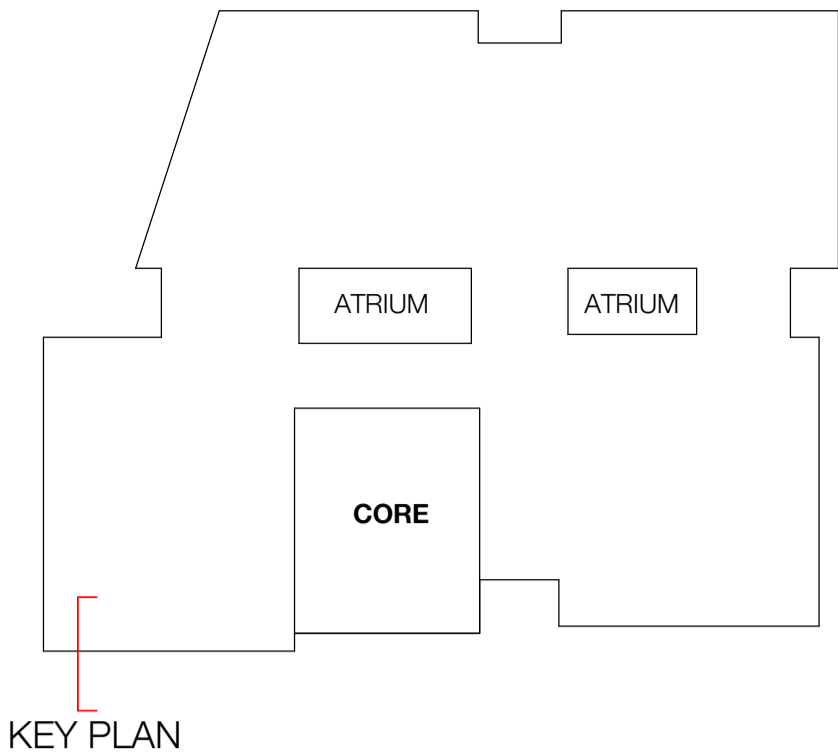
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SSD10440
BUILDING 1 - CU06 TOWER FACADE DETAILS

Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA146 E



1 TYPICAL DETAIL ELEVATION / SECTION - WD20
SCALE 1:25



Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E	1	FLOOR TO FLOOR HEIGHT REDUCED

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FACADE - TOWER		
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL	
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL	
CU:03	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING	
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:05	PREFINISHED FIBRE CEMENT PANEL	
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED	

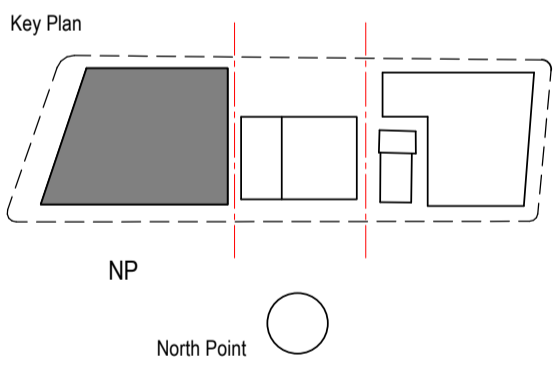
FACADE - PODIUM NORTH		
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL	
WD:02	REVOLVING DOOR WITH LIGHT FRAME	
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS	

FACADE - PODIUM SOUTH		
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	

CORE		
CD:03	SOLID FOLDED METAL PANEL	
CD:20	COMPRESSED FIBRE CEMENT PANEL	
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN	

AWNINGS & CANOPIES		
AW:01	NORTH RETAIL AWNING	
AW:02	NORTH FOYER ENTRY CANOPY	
AW:03	SOUTH RETAIL AWNING	
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME	

EXTERNAL SOFFIT		
CL:01	LANEWAY CEILING	
METALWORK		
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH	



Project
WATERLOO METRO QUARTER DEVELOPMENT

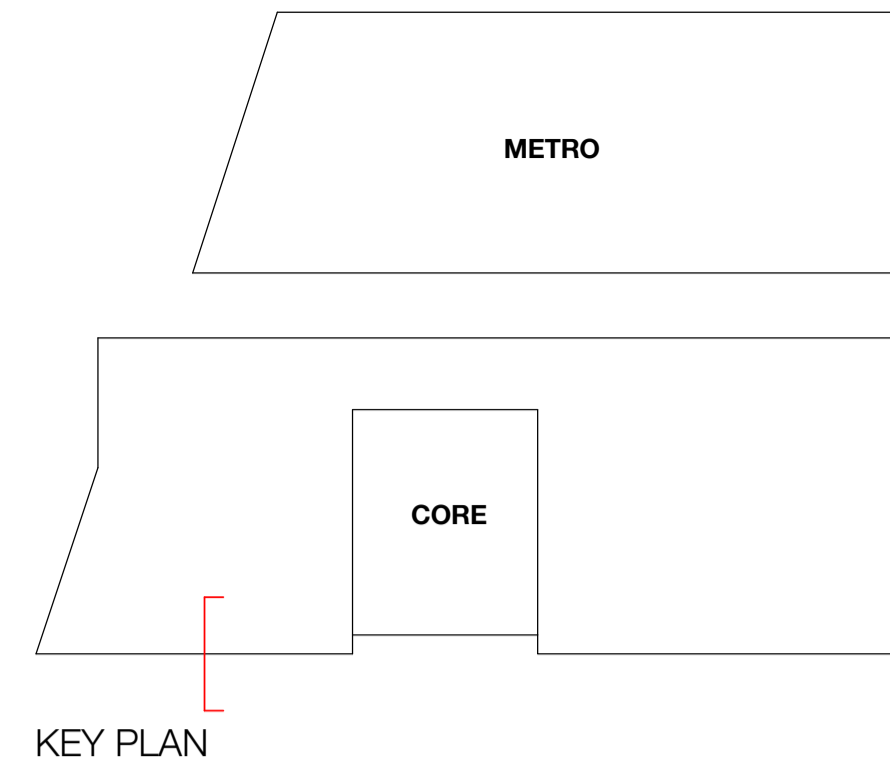
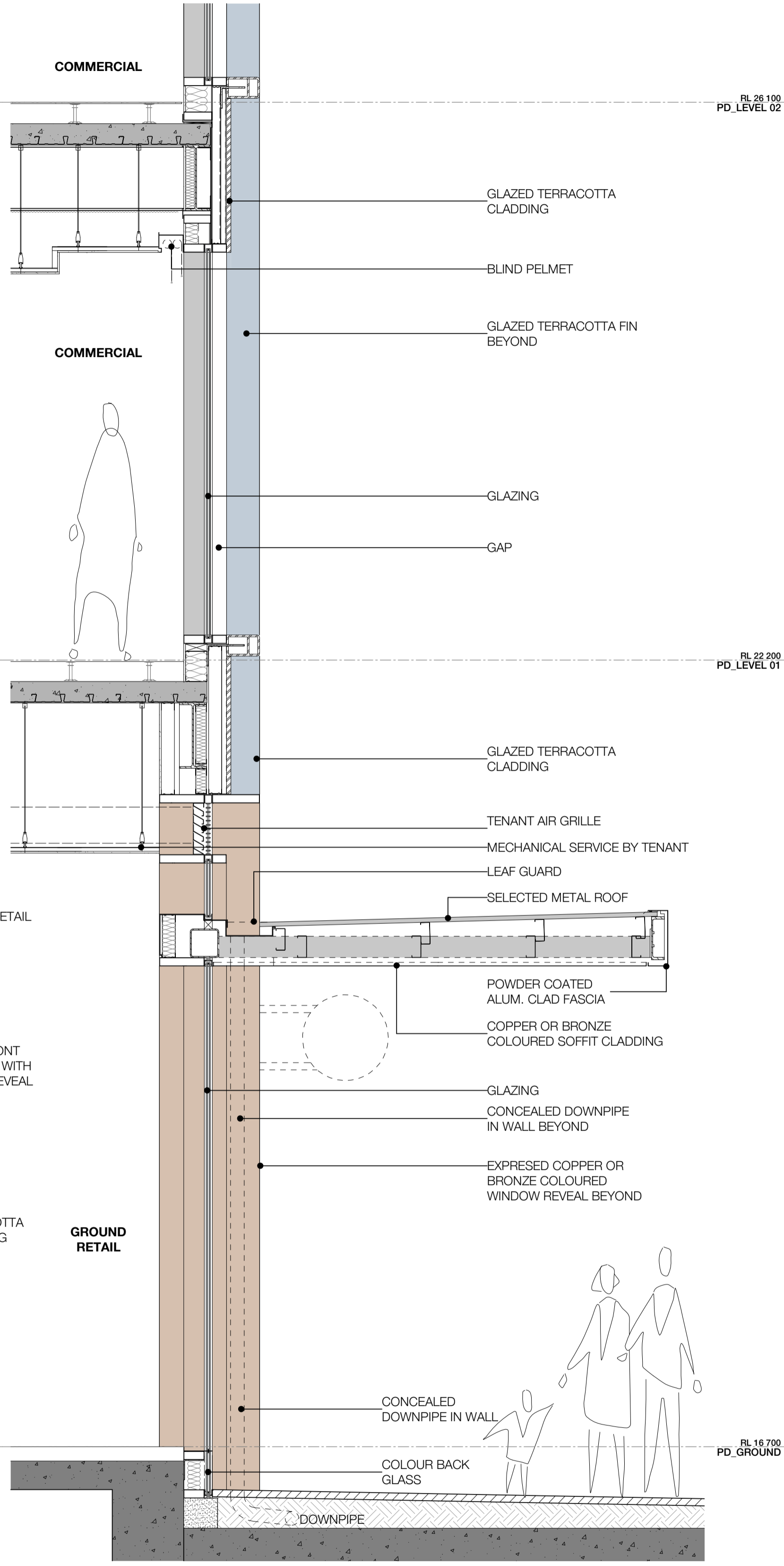
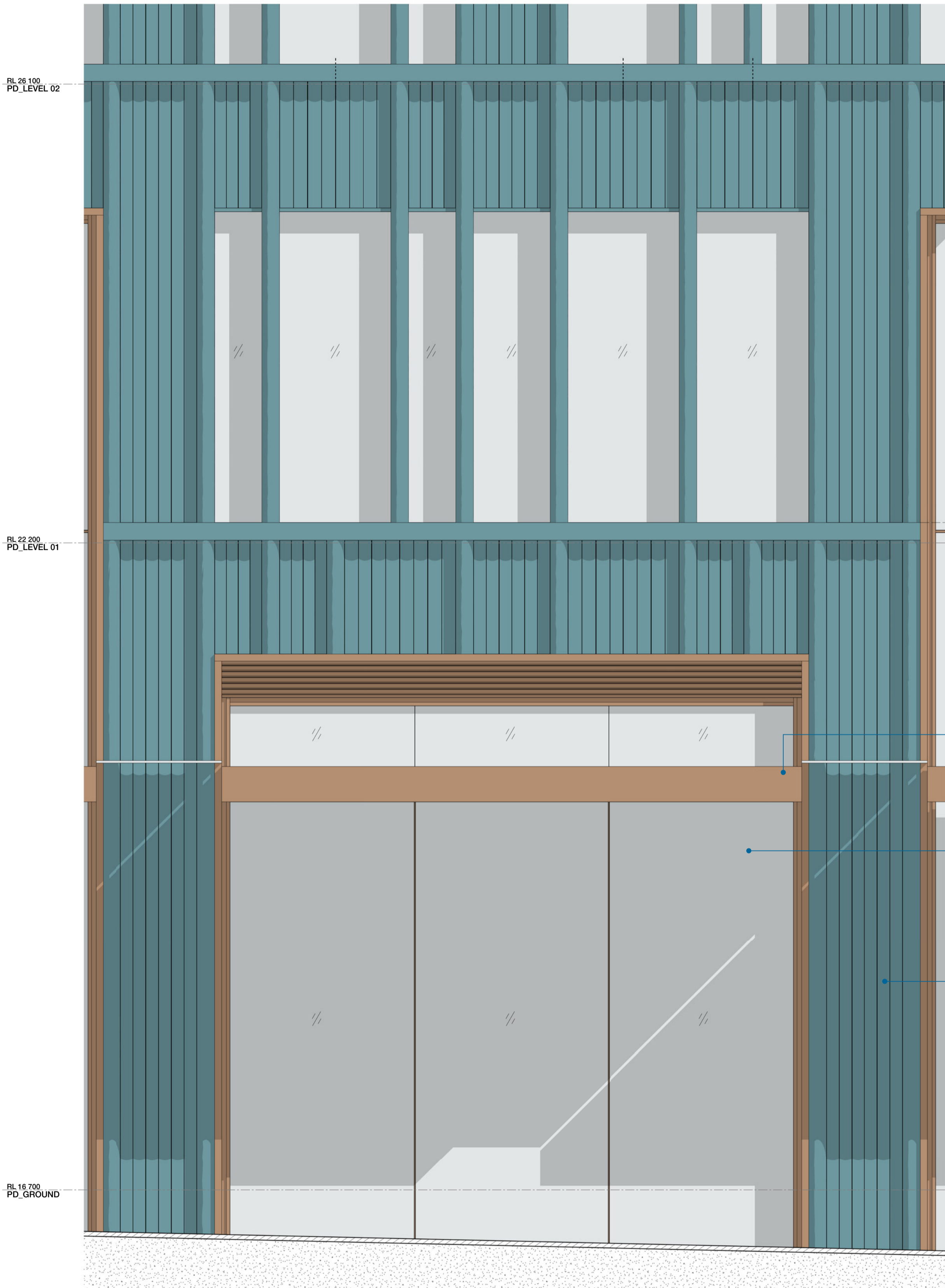
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Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title
SSD10440
BUILDING 1 - WD20 TOWER FACADE

Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA147

Revision
E



Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20

Current Revision Amendments		
#	Mark	Comments

Notes
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FACADE - TOWER		
CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS SPANDREL	
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH METAL SPANDREL	
CU:03	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH FOLDED ALUMINIUM GLAZING	
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:05	PRE-FINISHED FIBRE CEMENT PANEL	
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINES WITH GLASS & METAL SPANDREL	
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED	

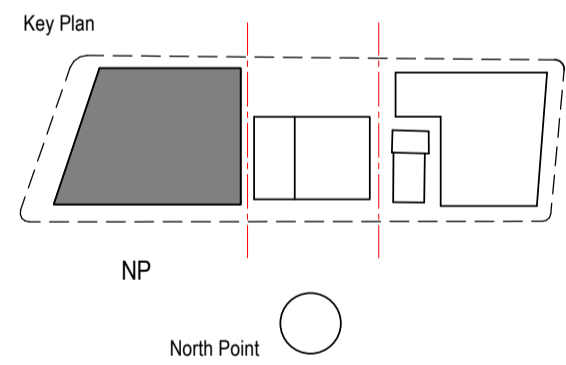
FACADE - PODIUM NORTH		
CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL	
WD:02	REVOLVING DOOR WITH LIGHT FRAME	
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING	
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS	
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS	

FACADE - PODIUM SOUTH		
CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE	
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED	

CORE		
CD:03	SOLID FOLDED METAL PANEL	
CD:20	COMPRESSED FIBRE CEMENT PANEL	
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN	
WD:30	CORE SLOT WINDOW	

AWNINGS & CANOPIES		
AW:01	NORTH RETAIL AWNING	
AW:02	NORTH FOYER ENTRY CANOPY	
AW:03	SOUTH RETAIL AWNING	
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME	

EXTERNAL SOFFIT		
CL:01	LANEWAY CEILING	
METALWORK		
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH	



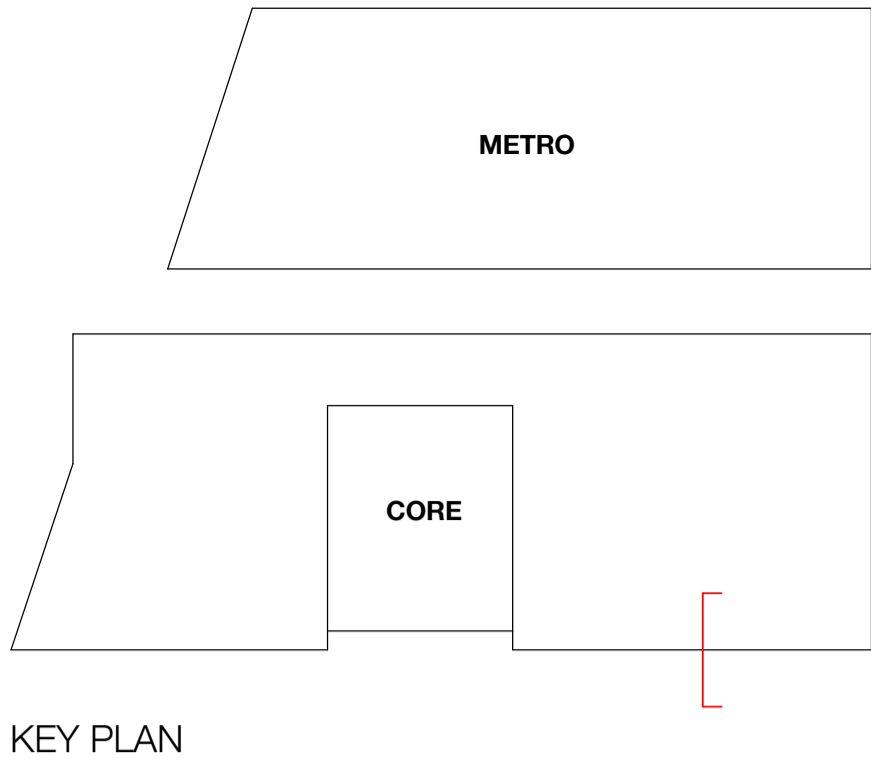
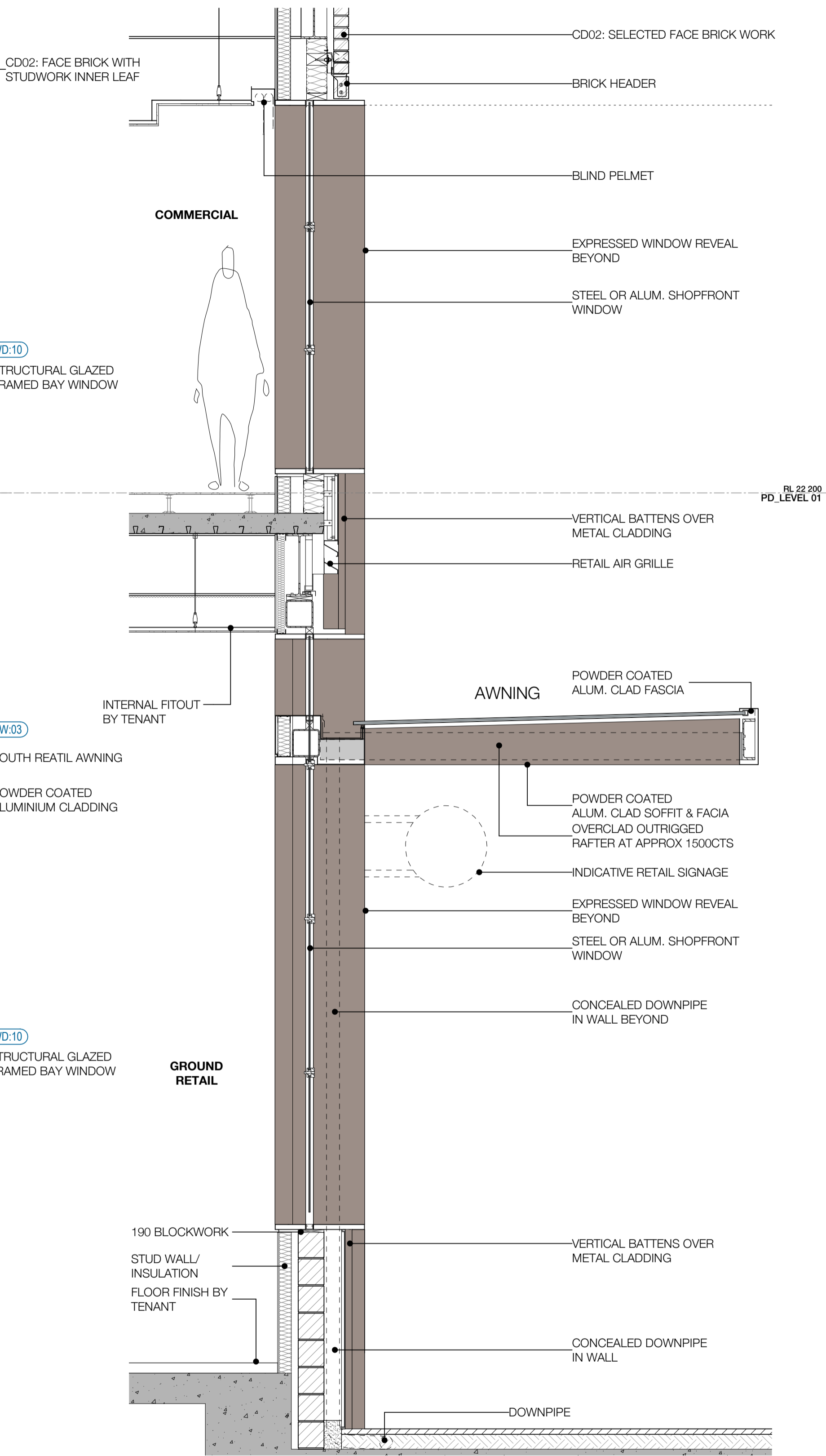
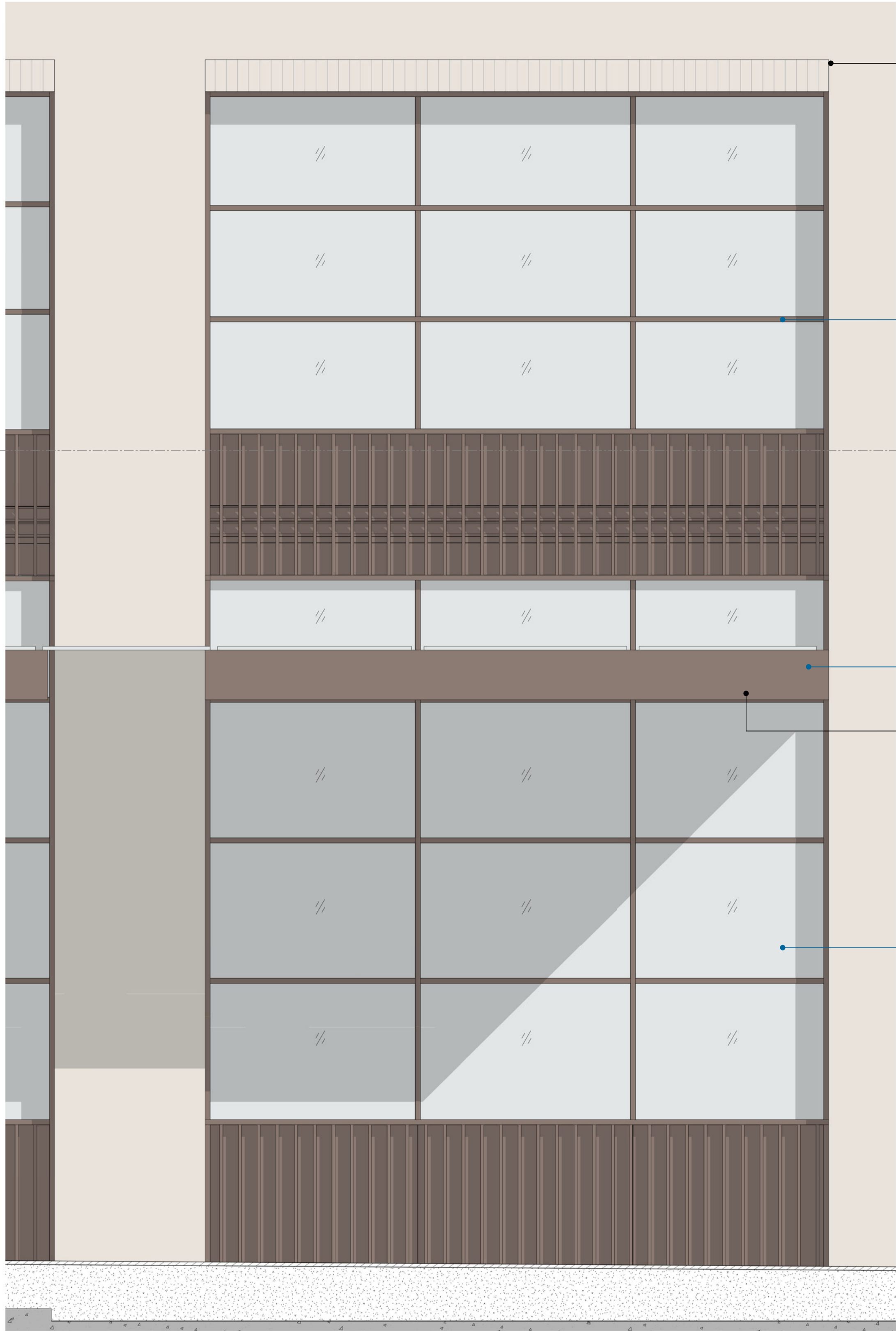
Consultant
W-B
WOODS BAGOT
Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
YT	PM	A1	As indicated

Sheet title
SSD10440
BUILDING 1 - CD01 PODIUM FACADE DETAILS

Status		Revision	
FOR APPROVAL			
Sheet number			
WMQ-BLD1-WBG-AR-DRG-DA148	D		

1 TYPICAL DETAIL ELEVATION / SECTION - CD01
SCALE 1:25



KEY PLAN

1 TYPICAL DETAIL ELEVATION / SECTION - CD02
SCALE 1 : 25

Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20

Current Revision Amendments		
#	Mark	Comments

Notes
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FACADE - TOWER

CU:01	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS SPANDREL
CU:02	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH METAL SPANDREL
CU:03	CURTAIN WALL WITH FOLDED ALUMINIUM GLADDING
CU:04	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
CU:05	PREFINISHED FIBRE CEMENT PANEL
CU:06	CURTAIN WALL WITH EXPRESSED VERTICAL & HORIZONTAL FINS WITH GLASS & METAL SPANDREL
CU:07	CURTAIN WALL WITH ARCHITECTURAL LOUVRE AND PROFILED METAL
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:21	ATRIUM SKYLIGHT WITH PERFORMANCE SHADING GLAZED

FACADE - PODIUM NORTH

CD:01	CERAMIC CLADDING - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:01	SHOPFRONT WINDOW WITH METAL REVEAL
WD:02	REVOLVING DOOR WITH LIGHT FRAME
WD:03	PODIUM LANEWAY OPERABLE SHOPFRONT GLAZING
WD:20	STRUCTURAL GLAZED FRAMED WINDOWS
WD:22	PRE-FINISHED FIBRE CEMENT PANELS LINING THE SHAFTS

FACADE - PODIUM SOUTH

CD:02	FACE BRICK - INTERNAL WALL: BLOCKWALL GRD LVL & METAL FRAME L1 & ABOVE
WD:10	SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED
WD:11	OPERABLE SHOP FRONT GLAZING WITH EXPRESSED POWDERCOATED STEEL FRAMED

CORE

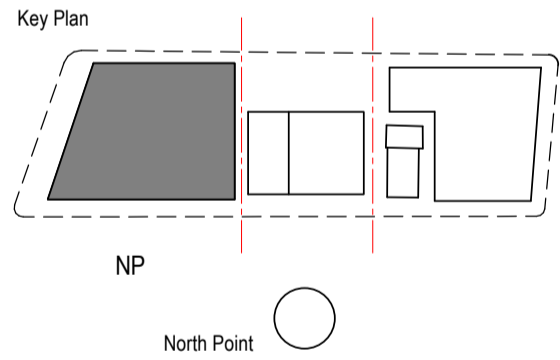
CD:03	SOLID FOLDED METAL PANEL
CD:20	COMPRESSED FIBRE CEMENT PANEL
CU:08	CURTAIN WALL WINDOW WITH GLASS SPANDREL AND SMOKE RELIEF LOUVRES WHERE SHOWN
WD:30	CORE SLOT WINDOW

AWNINGS & CANOPIES

AW:01	NORTH RETAIL AWNING
AW:02	NORTH FOYER ENTRY CANOPY
AW:03	SOUTH RETAIL AWNING
CP:01	ROOF TERRACE GLAZED CANOPY WITH PAINTED STEEL FRAME

EXTERNAL SOFFIT

CL:01	LANEWAY CEILING
MW:01	FABRICATED ALUMINIUM PLANTER POWDERCOAT FINISH



Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number	Size check
121234	25mm
Checked YT	Approved PM
Sheet size A1	Scale As indicated

Sheet title
SSD10440
BUILDING 1 - CD02 PODIUM FACADE DETAILS

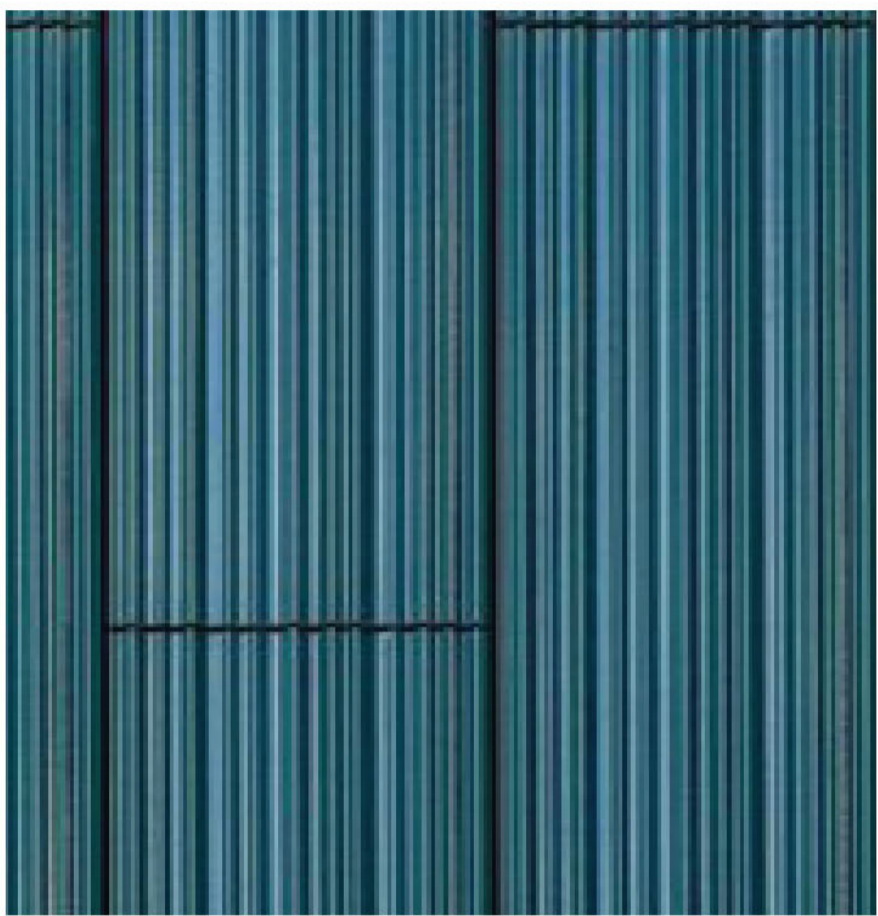
Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA149

Revision
D



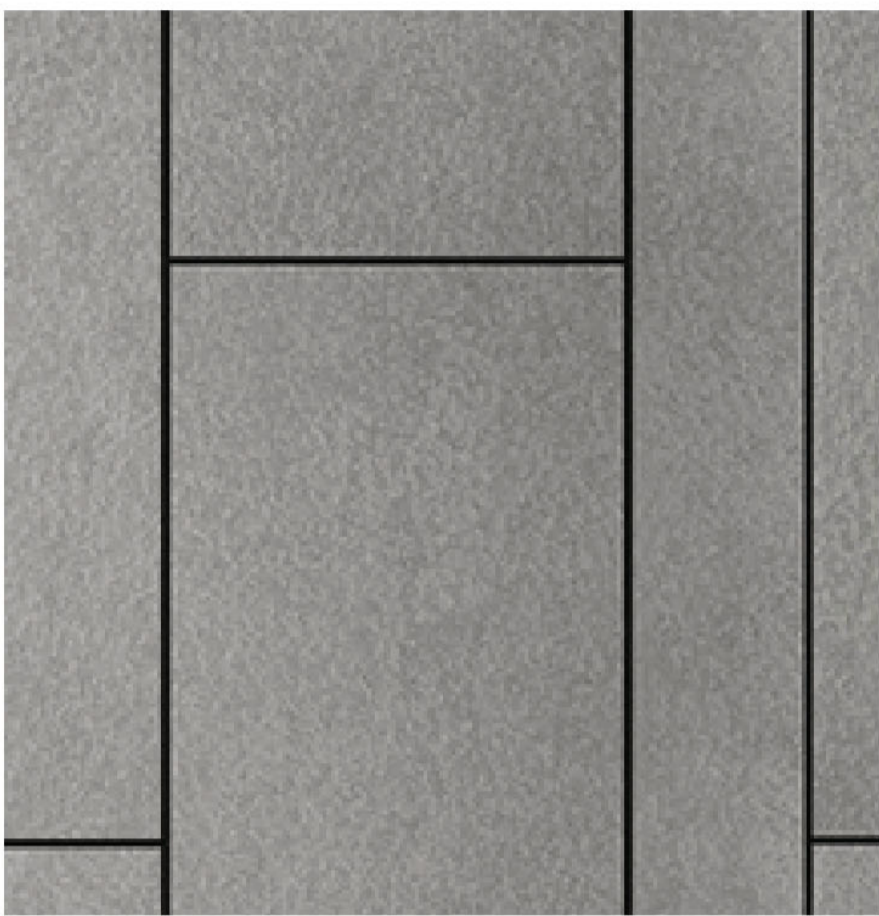
Light Beige Brick Appearance
CD:02



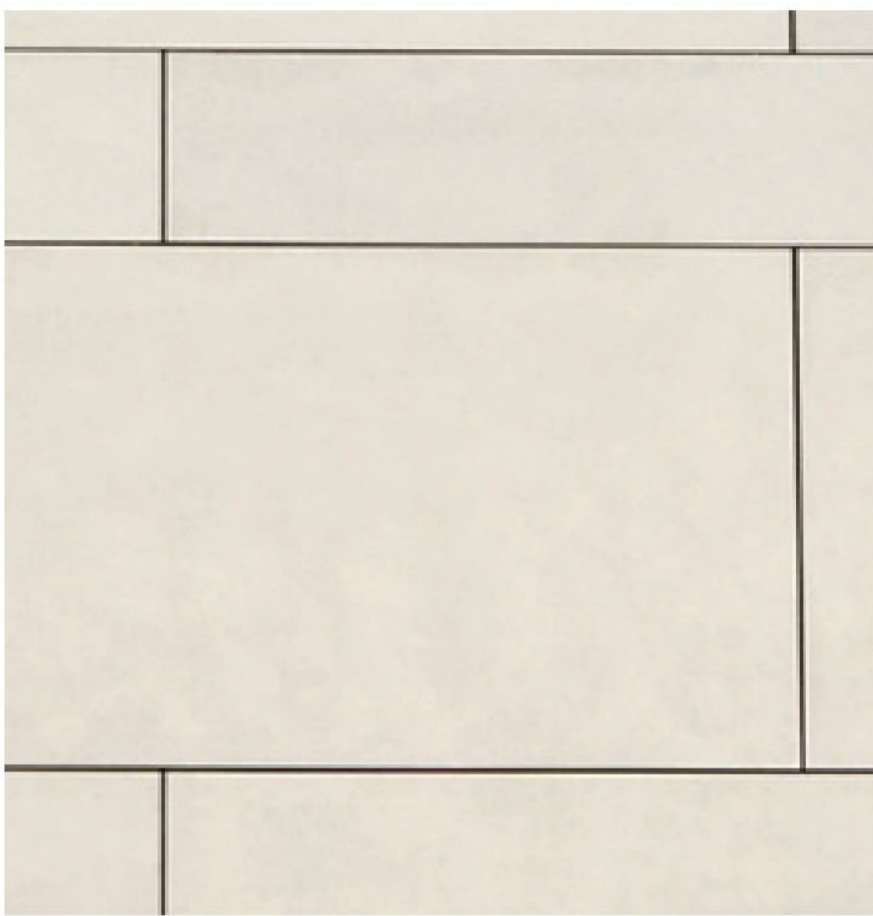
Glazed Ceramic
CD:01



PVDF OR Metallic Powdercoat -
Green Copper
CU:03



Equitone OR Similar Product
CD:20



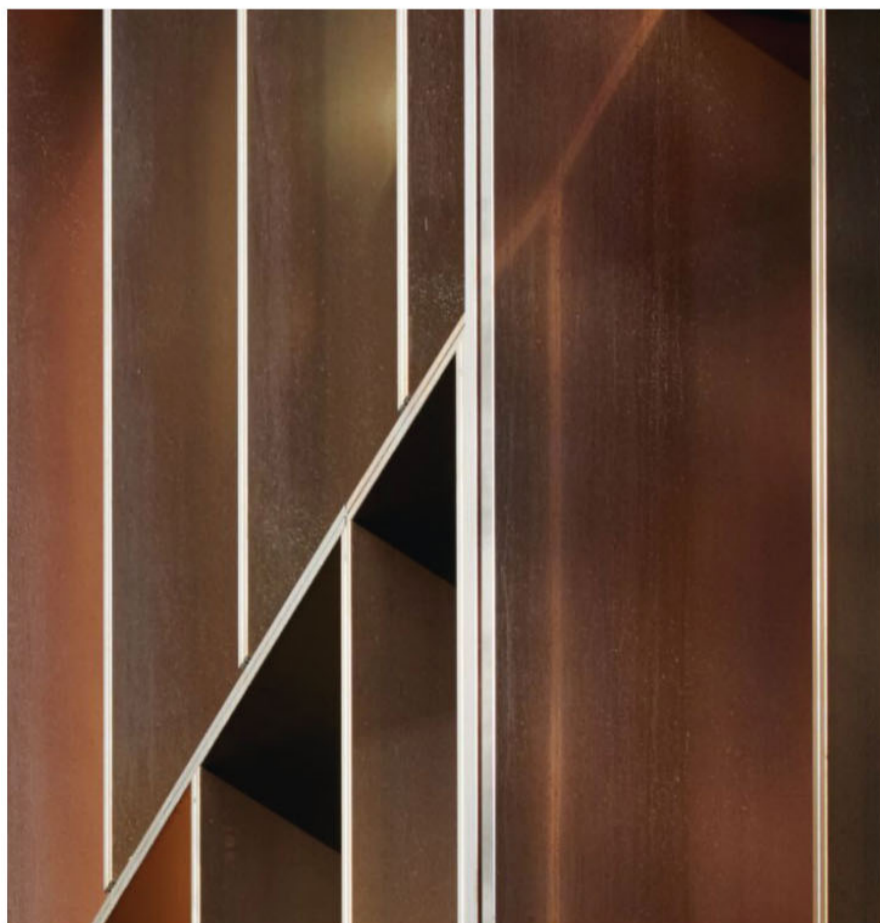
Equitone OR Similar Product
CU:05



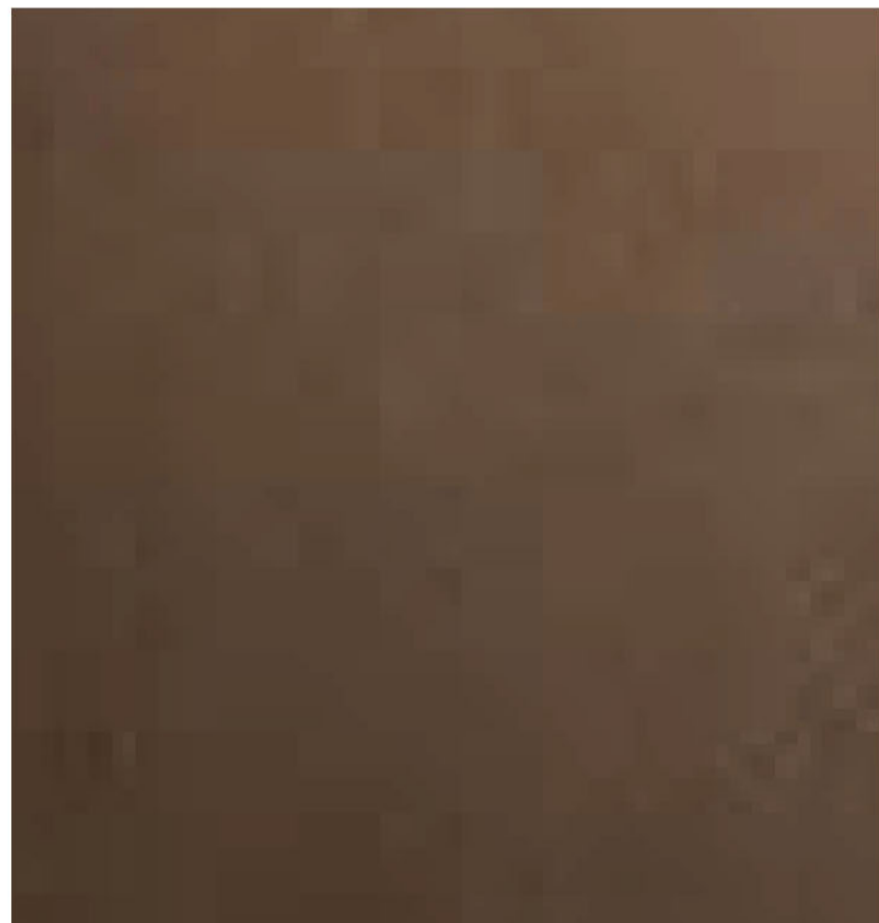
Triple Low E Coated Vision Glass
(VLT 50% / Reflectivity < 20%)



Powdercoat Aluminium - Black
CU:04



PVDF OR Metallic Powdercoat -
Natural Copper
CU:01/CU:02/CU:04/CD:01/
AW:01

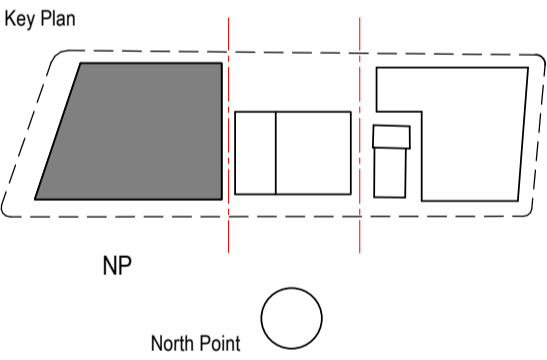


Powdercoat Aluminium - Dark
Bronze
CD:02/AW:02

Recent revision history		
#	Status	Description
A		FOR INFORMATION (DA)
B		FOR APPROVAL
C		FOR APPROVAL
D		FOR APPROVAL
E		FOR APPROVAL

Current Revision Amendments		
#	Mark	Comments
E	1	MATERIALS UPDATED

Notes
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Consultant
W-B
WOODS BAGOT

Project
WATERLOO METRO QUARTER DEVELOPMENT

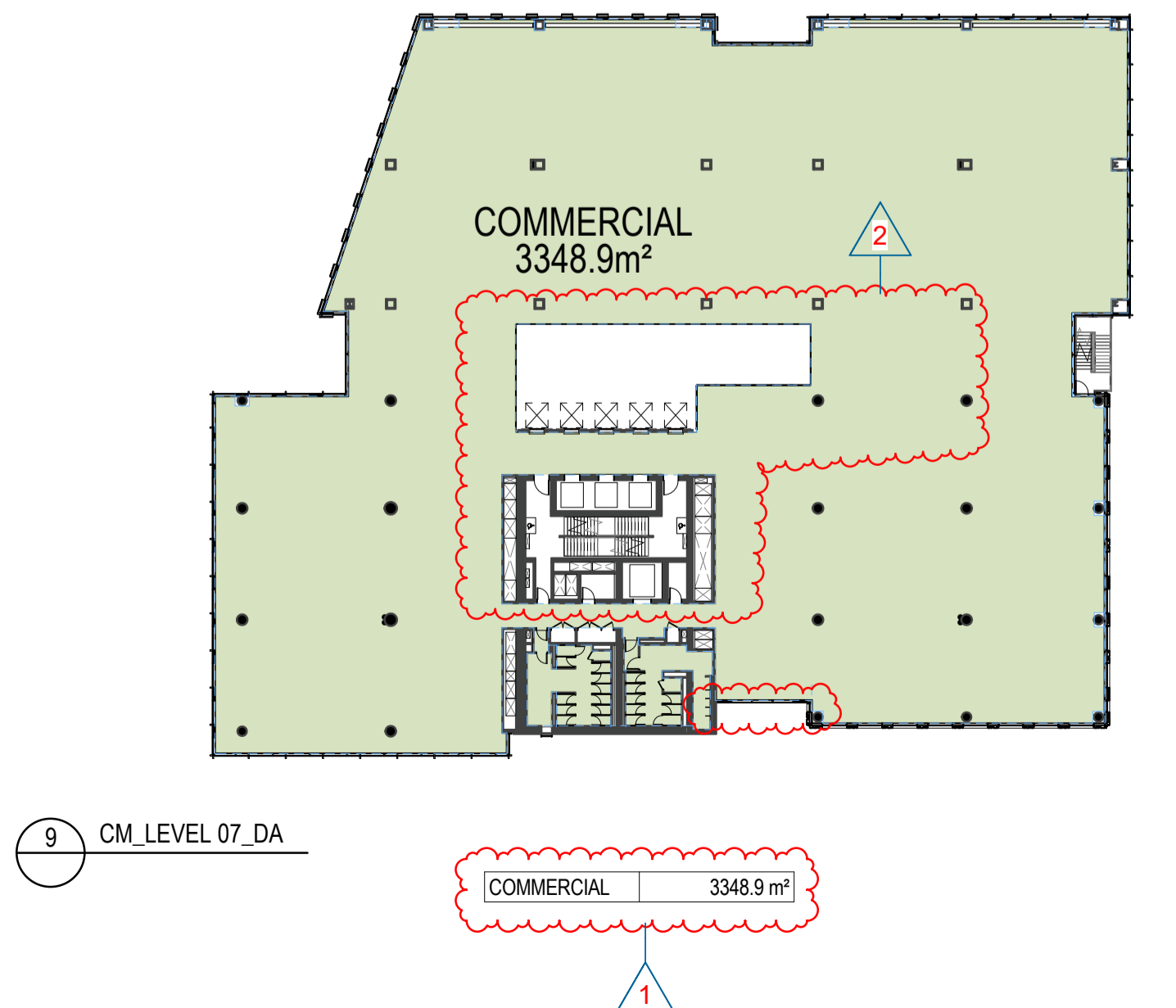
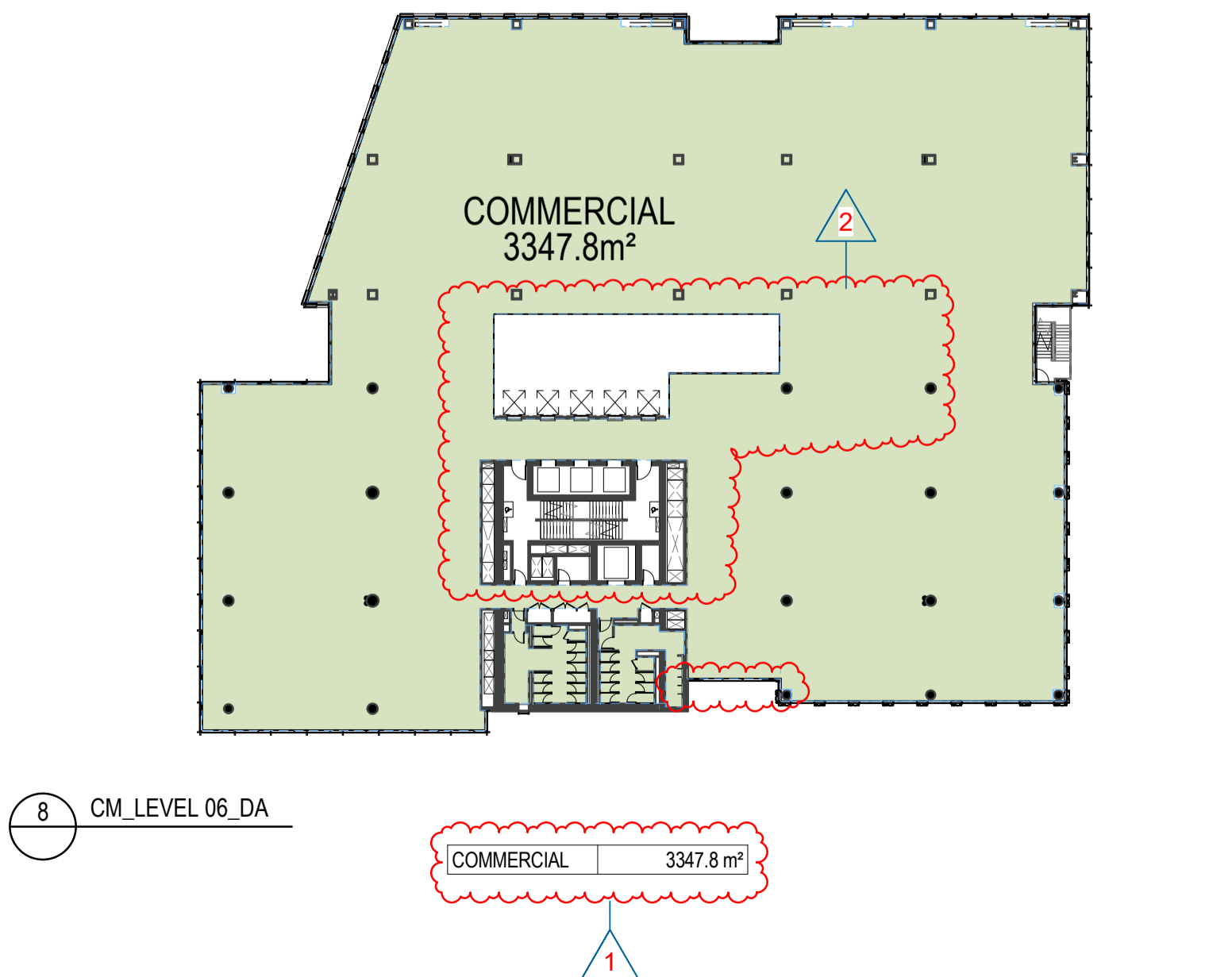
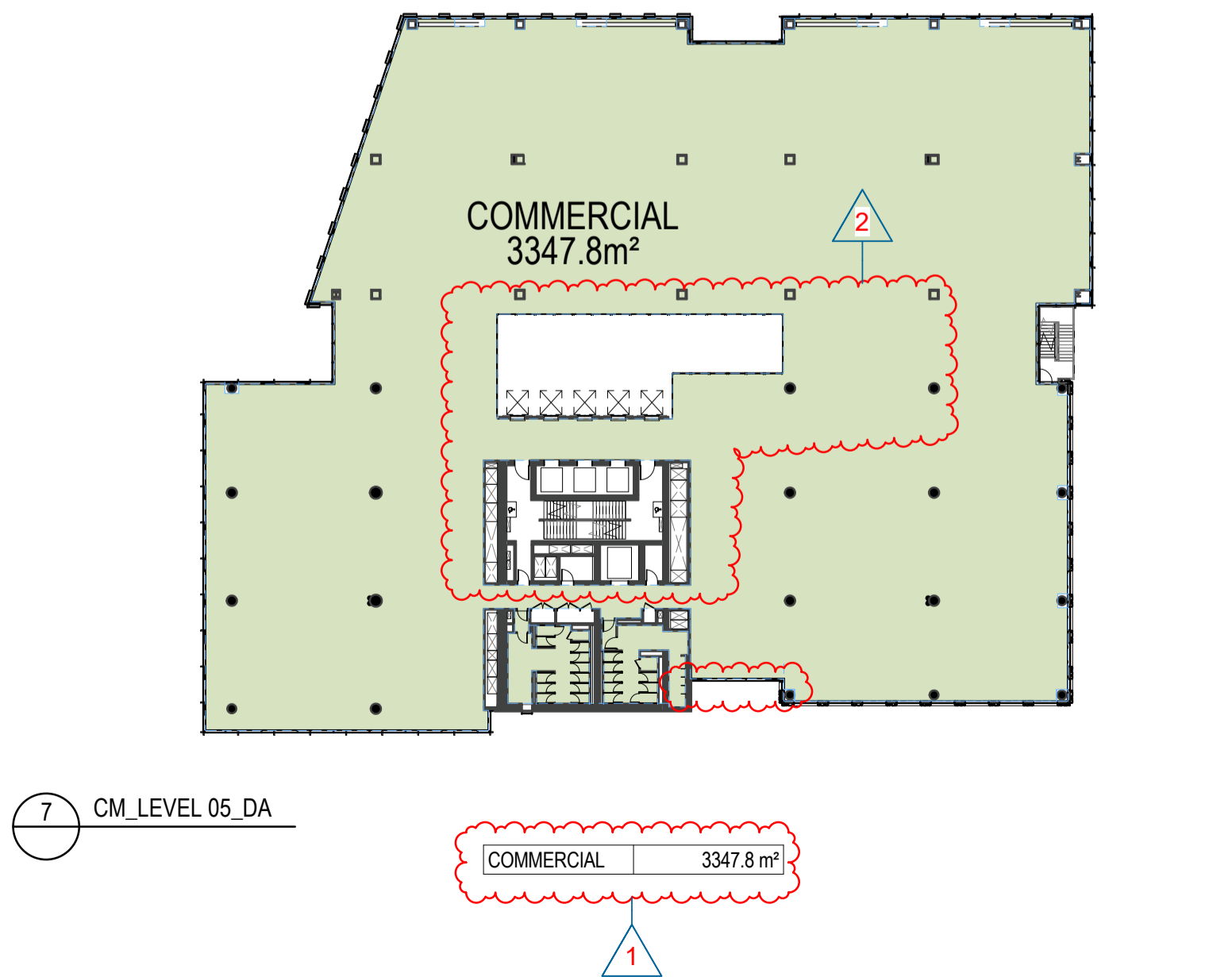
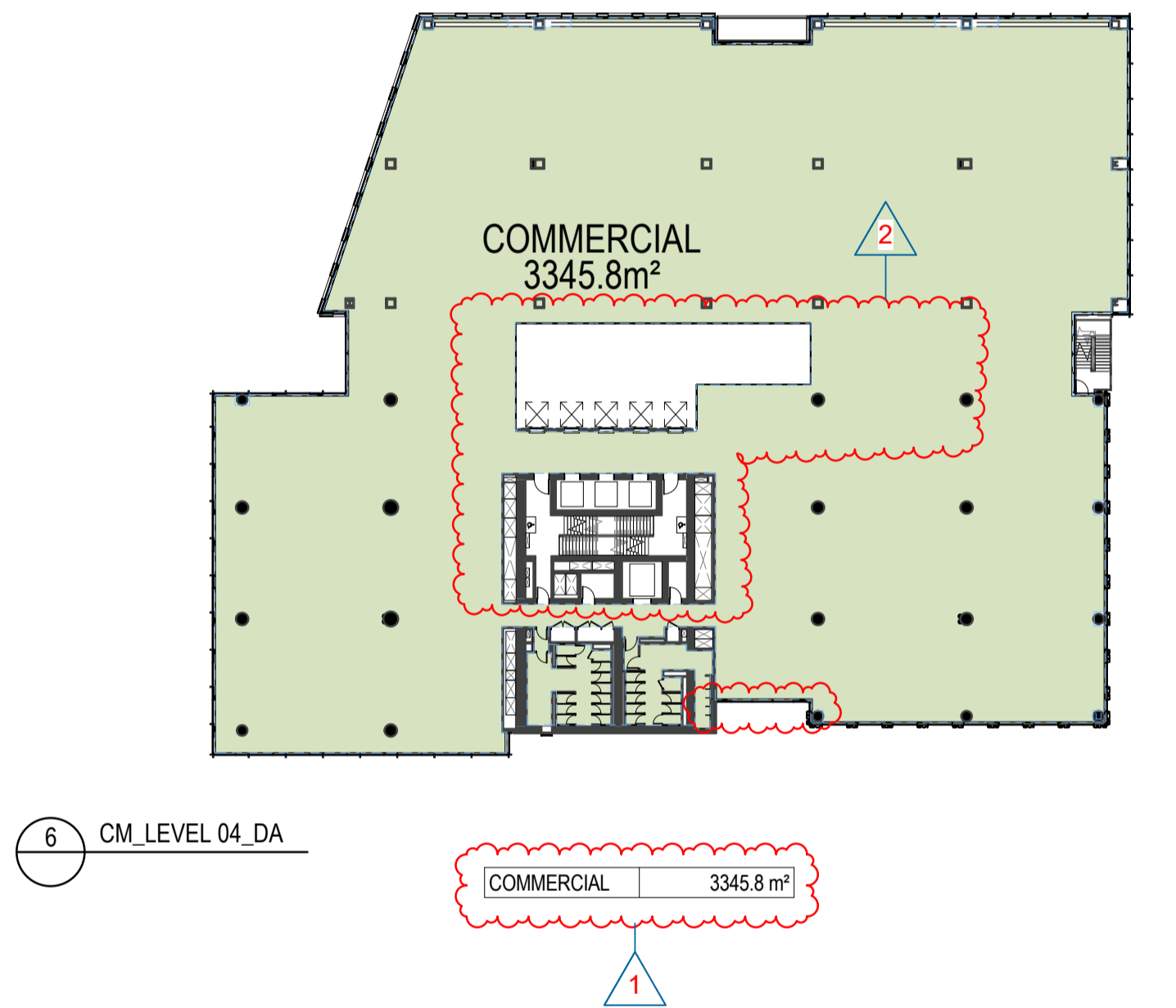
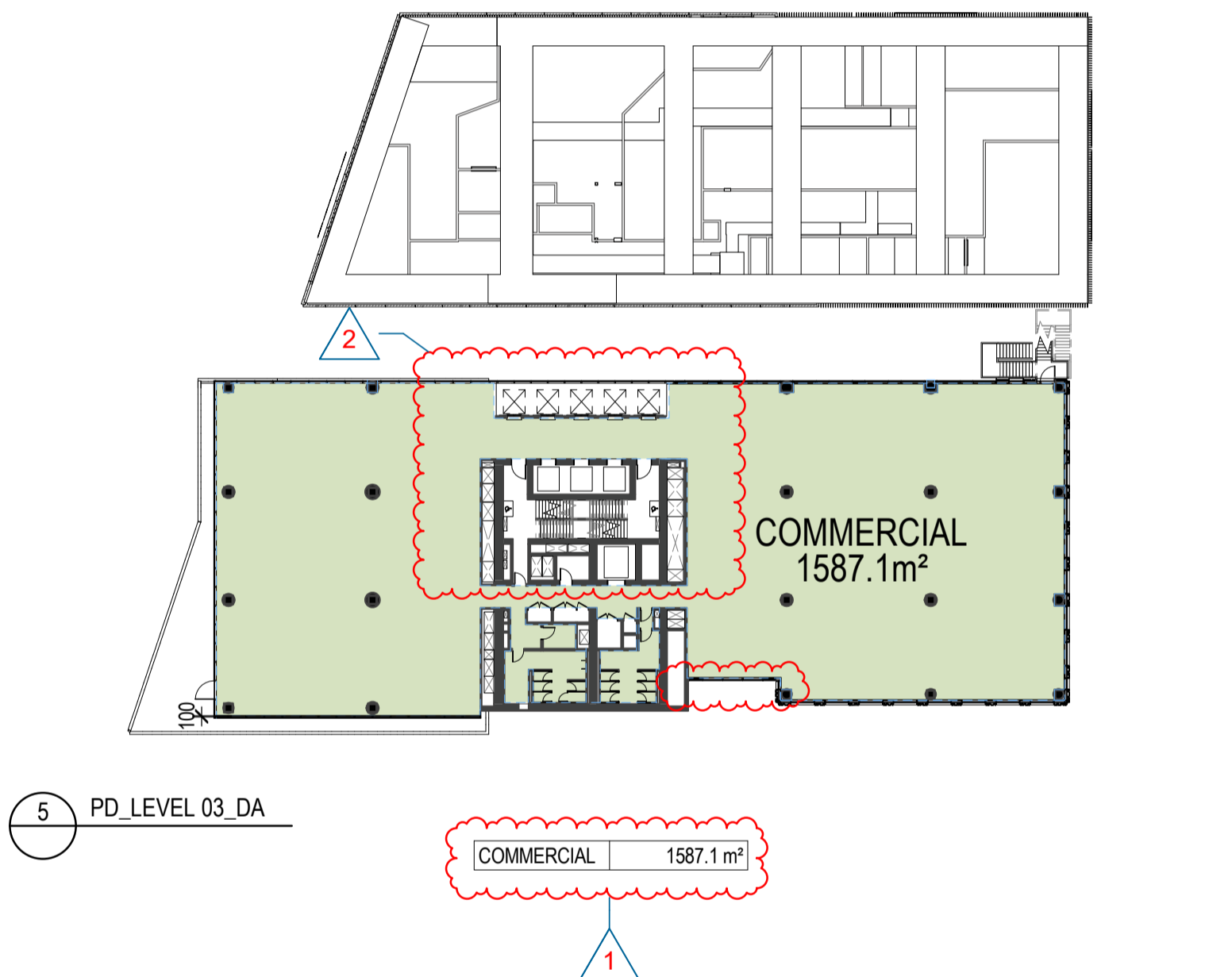
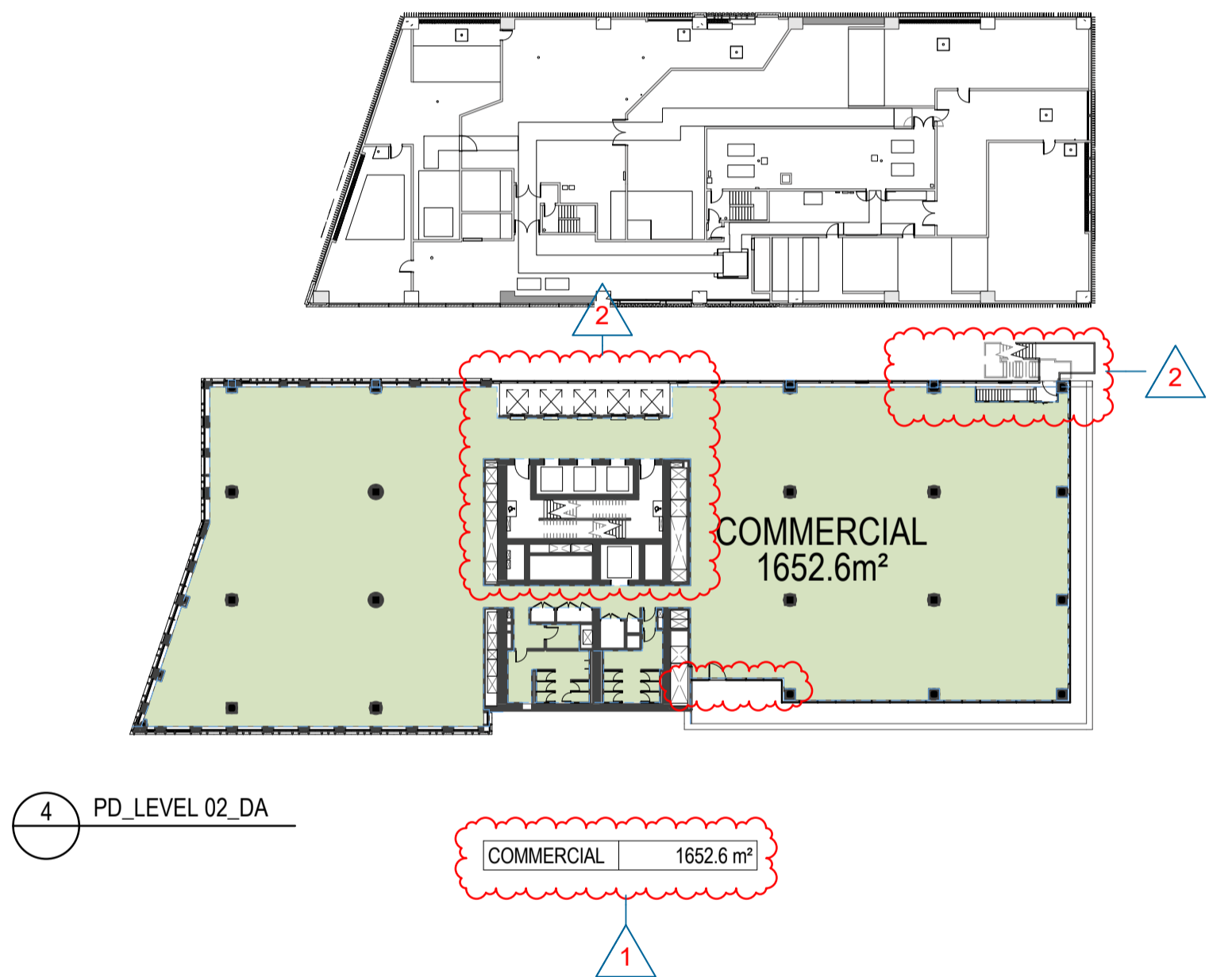
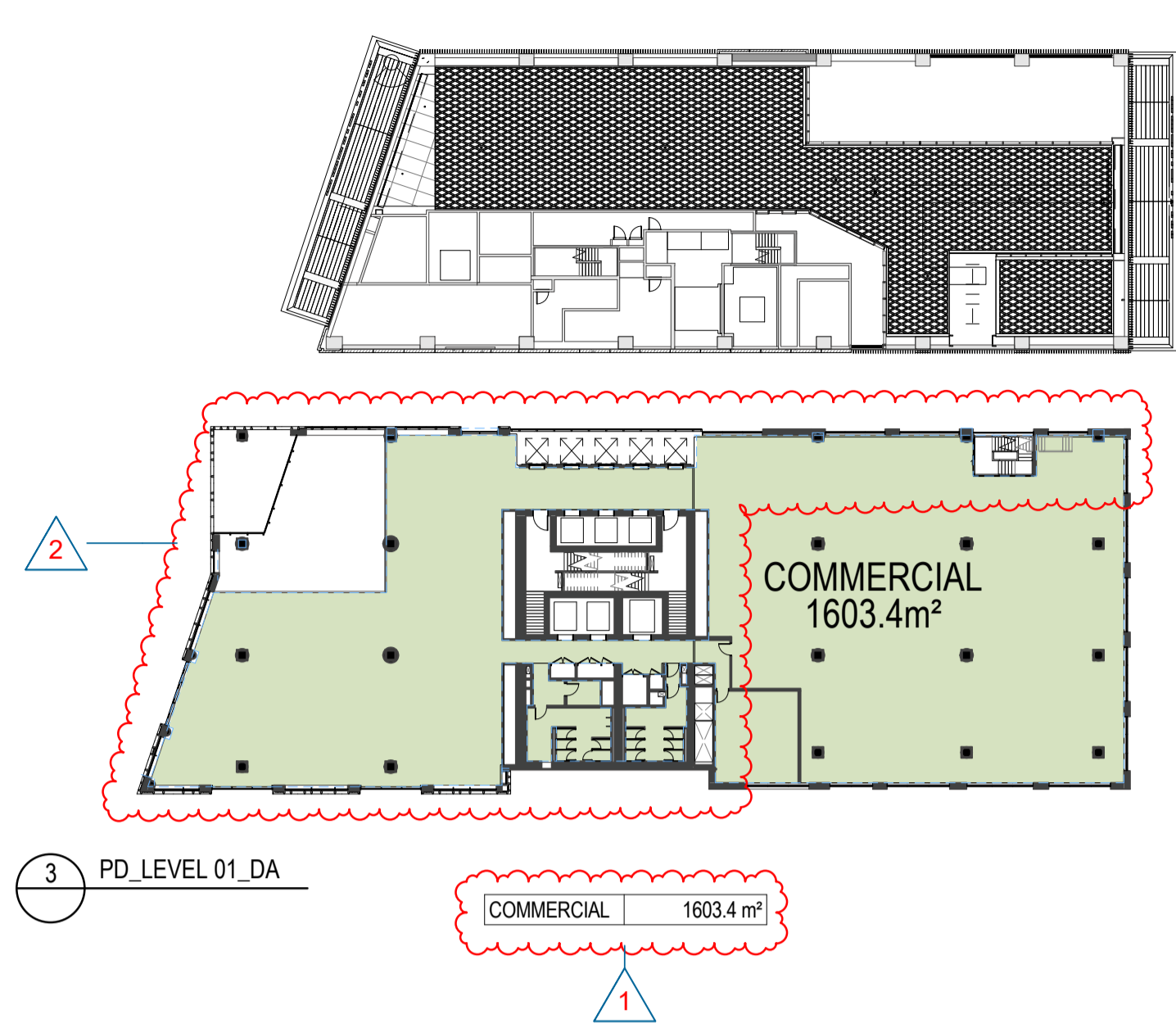
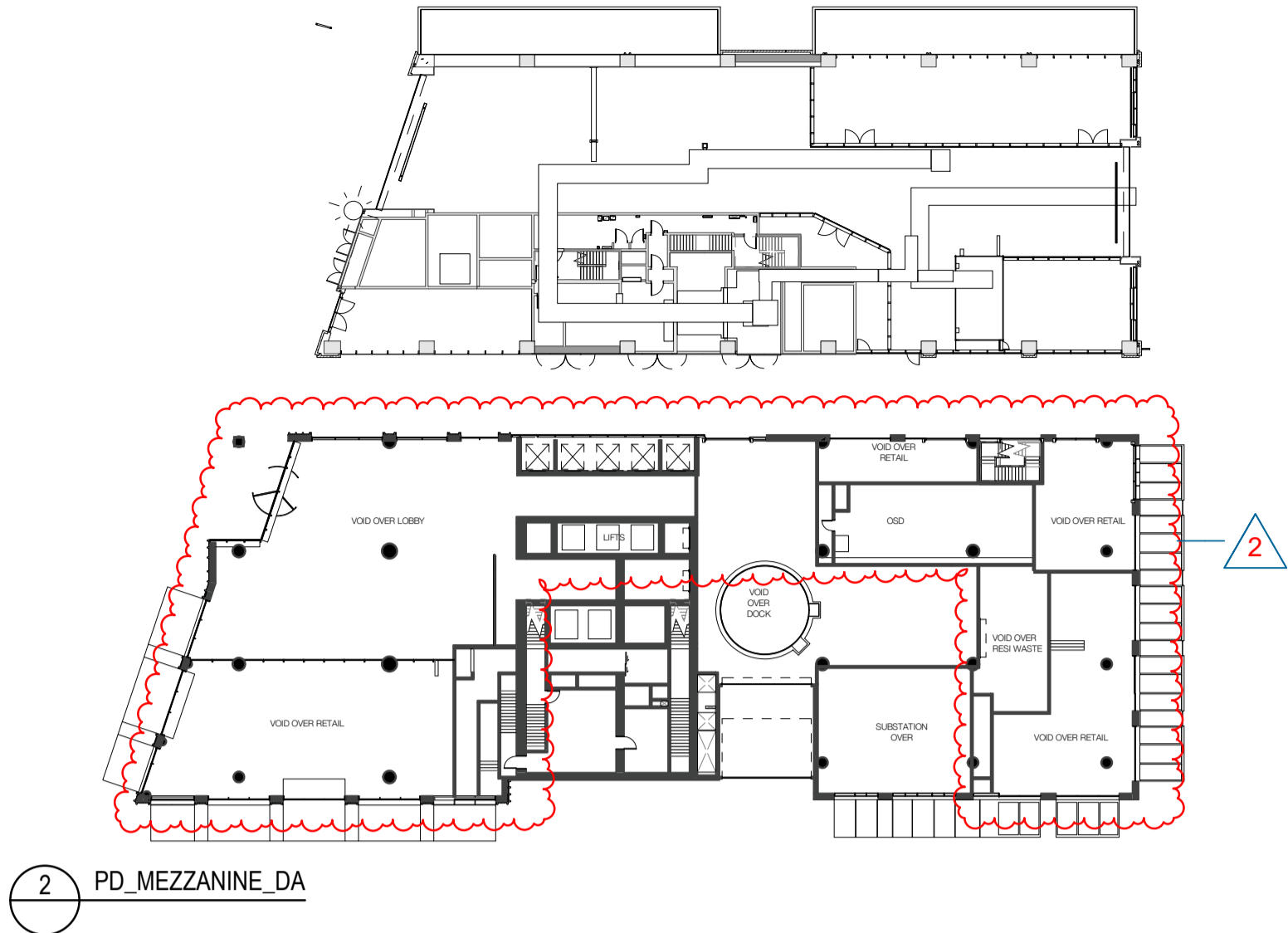
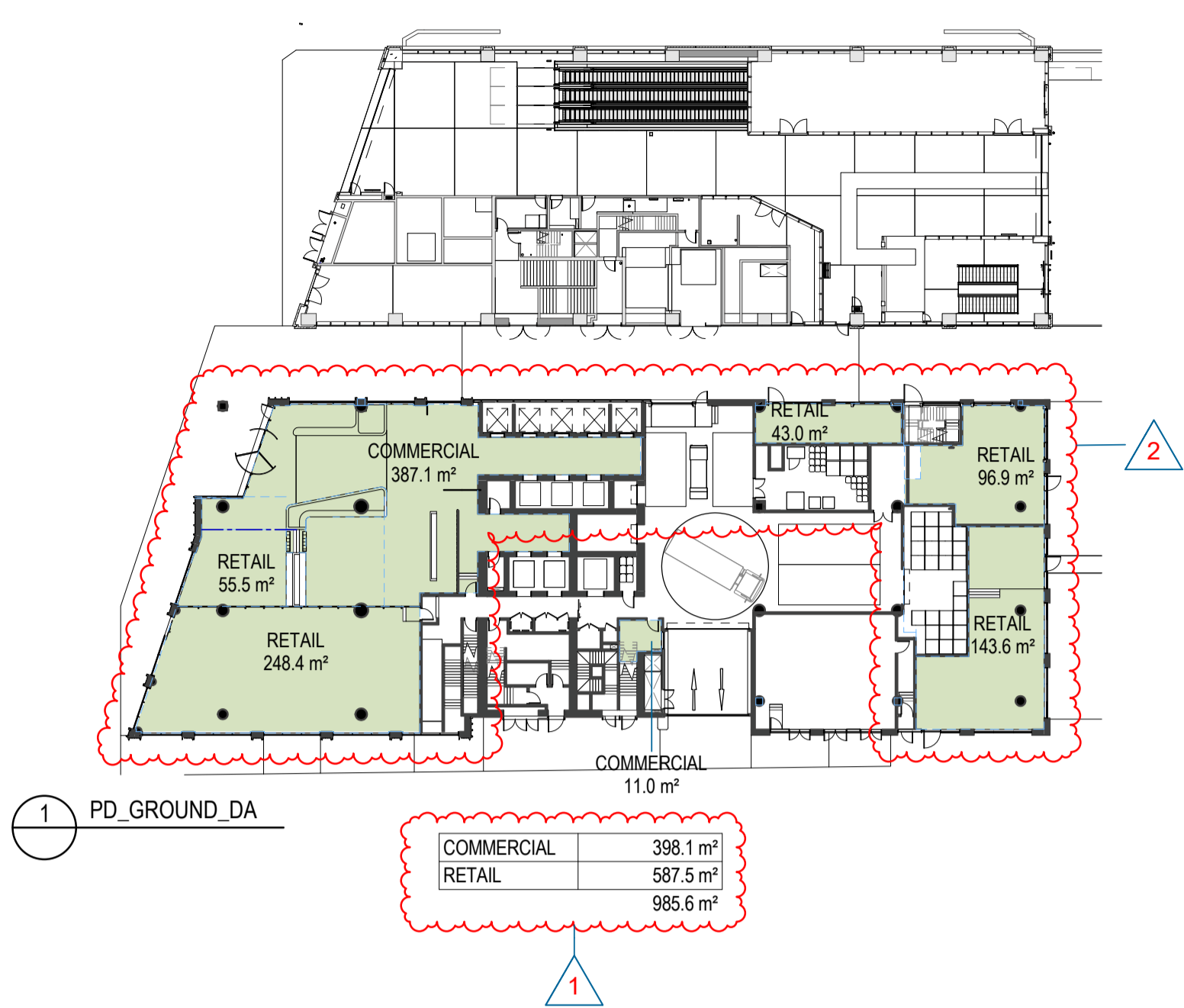
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121234	25mm
Checked	Approved
YT	PM
Sheet size	Scale
A1	

Sheet title
SSD10440
BUILDING 1 - FACADE MATERIAL
COLOUR PALETTE

Status
FOR APPROVAL

Sheet number
WMQ-BLD1-WBG-AR-DRG-DA150

Revision
E

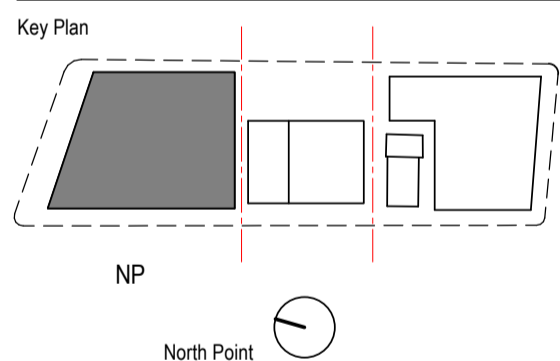


Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E 1	TABLE UPDATED	
E 2	LAYOUT UPDATED	

Notes
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THE DEFINITION FOR GROSS FLOOR AREA IS SET OUT IN SYDNEY LEP 2012 AS:
GROSS FLOOR AREA MEANS THE SUM OF THE FLOOR AREA OF EACH FLOOR OF A BUILDING MEASURED FROM THE INTERNAL FACE OF EXTERNAL WALLS, OR FROM THE INTERNAL FACE OF WALLS SEPARATING THE BUILDING FROM ANY OTHER BUILDING, MEASURED AT A HEIGHT OF 1.4 METRES ABOVE THE FLOOR, AND INCLUDES:
a) THE AREA OF A MEZZANINE, AND
b) VARIABLE ROOMS IN A BASEMENT OR AN ATTIC, AND
c) ANY SHOP, AUDITORIUM, CINEMA, AND THE LAKE, IN A BASEMENT OR AN ATTIC, BUT EXCLUDES:
d) ANY AREA OF COMMON VERTICAL CIRCULATION, SUCH AS LIFTS AND STAIRS, AND
e) ANY BASEMENT;
f) STORAGE, AND
g) VEHICULAR ACCESS, LOADING AREAS, GARBAGE AND SERVICES, AND
h) PLANT ROOMS, LIFT TOWERS AND OTHER AREAS USED EXCLUSIVELY FOR MECHANICAL SERVICES OR DUCTING, AND
i) CAR PARKING TO MEET ANY REQUIREMENTS OF THE CONSENT AUTHORITY (INCLUDING ACCESS TO THE CAR PARK), AND
j) ANY SPACES USED FOR THE LOADING OR UNLOADING OF GOODS (INCLUDING ACCESS TO IT), AND
k) TERRACES AND BALCONIES WITH OUTER WALLS LESS THAN 1.4 METRES HIGH, AND
l) VOIDS ABOVE A FLOOR AT THE LEVEL OF A STOREY OR STOREY ABOVE.

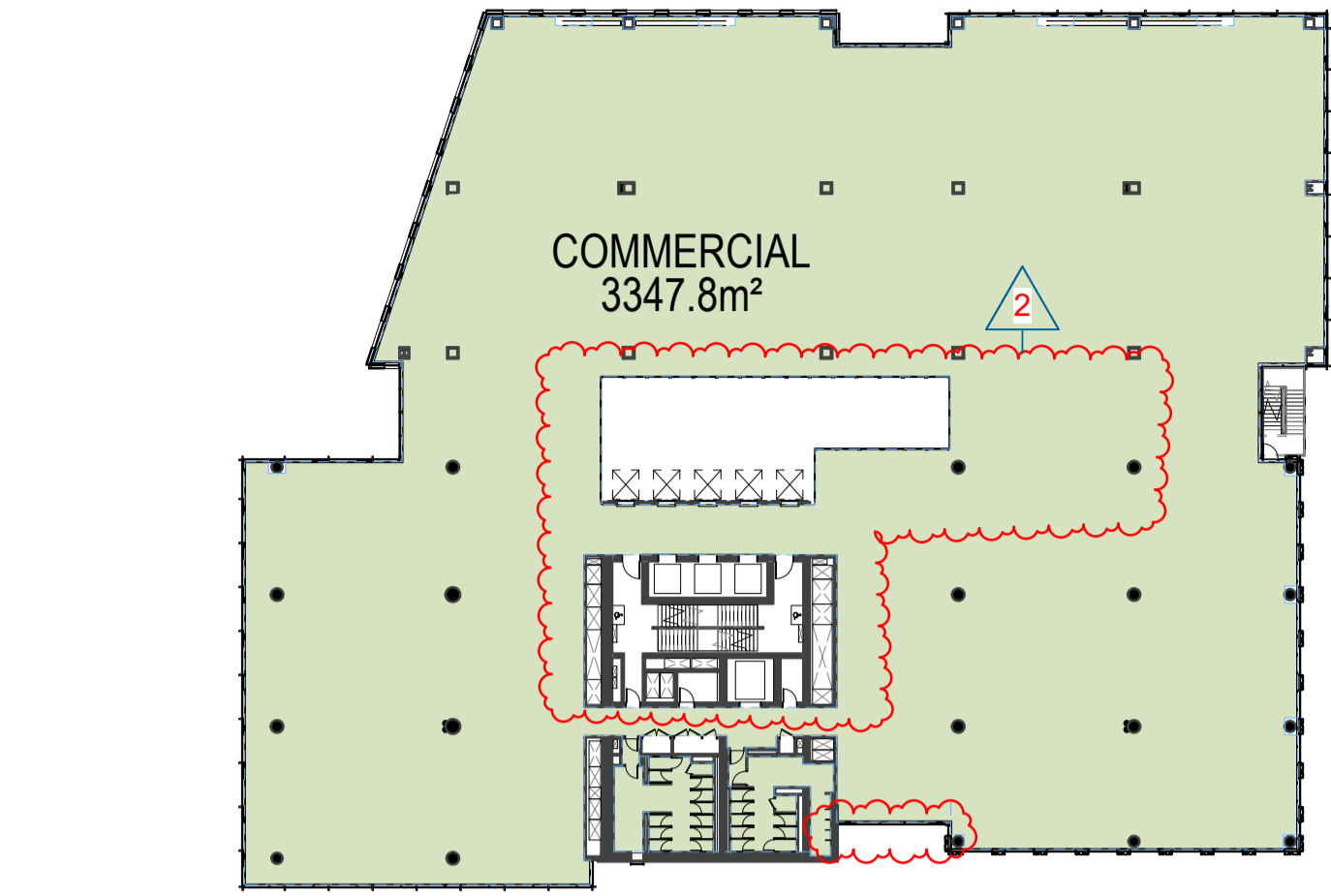


Consultant
W-B
WOODS BAGOT
Project
WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
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Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 500

Sheet title
SSD10440
BUILDING 1 - AREA PLAN 01 - GFA

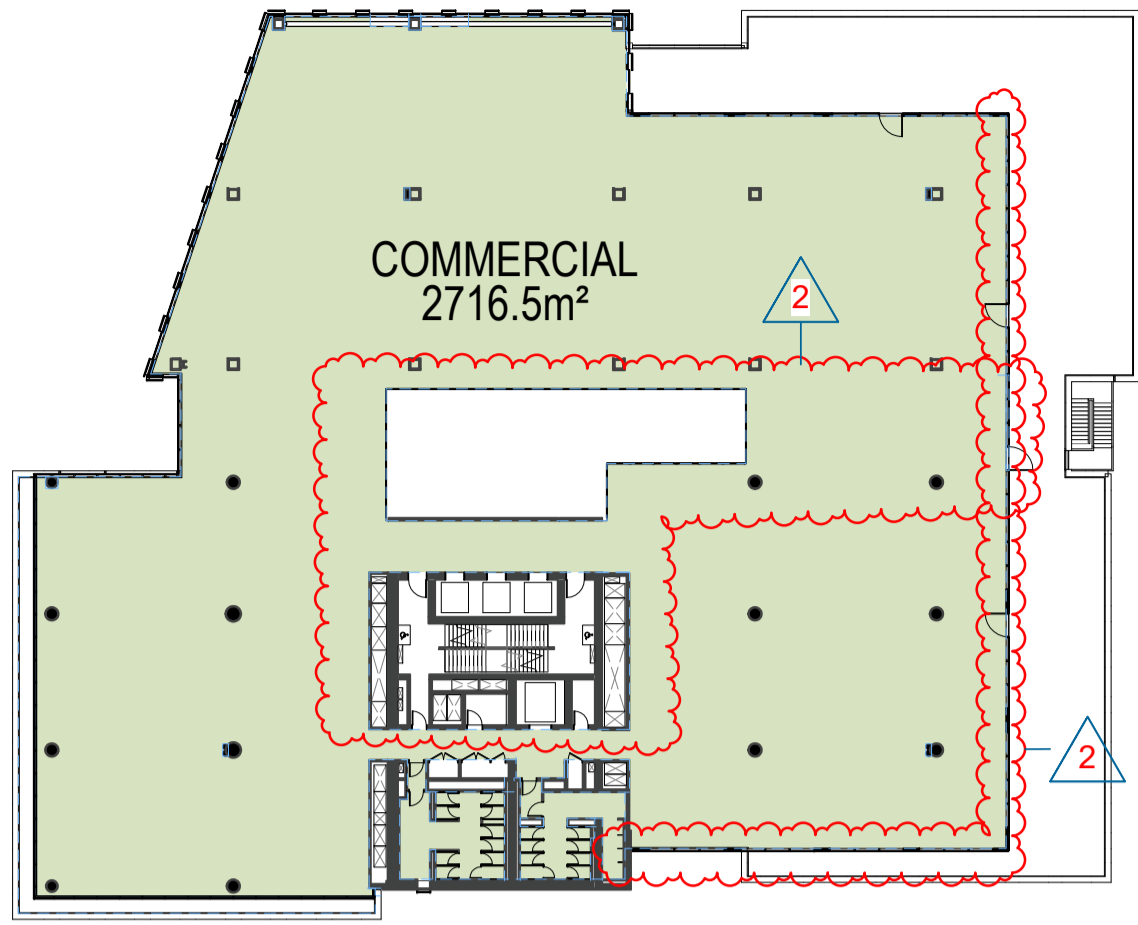
Status	Revision
FOR APPROVAL	
Sheet number	Revision
WMQ-BLD1-WBG-AR-DRG-DA190	E



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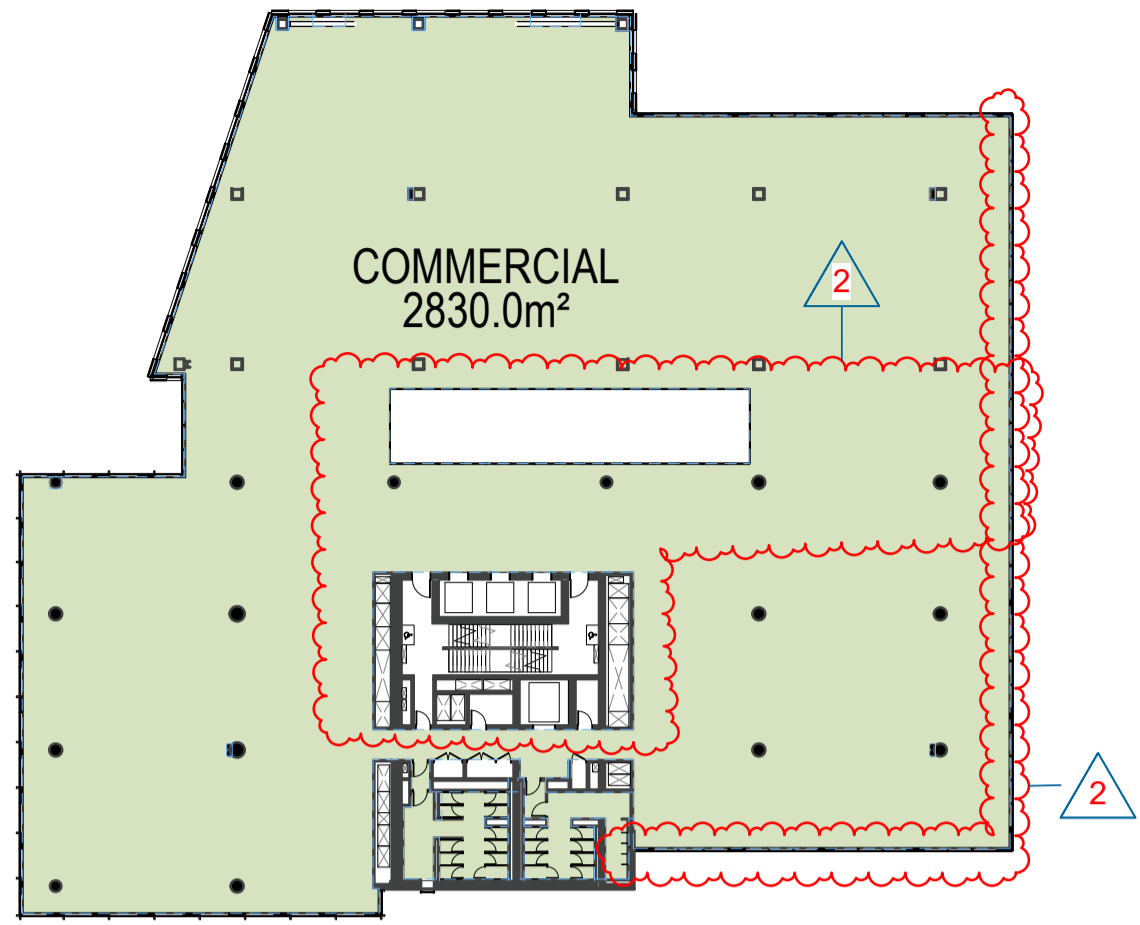
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2 CM_LEVEL 09_DA

COMMERCIAL 2716.5 m²

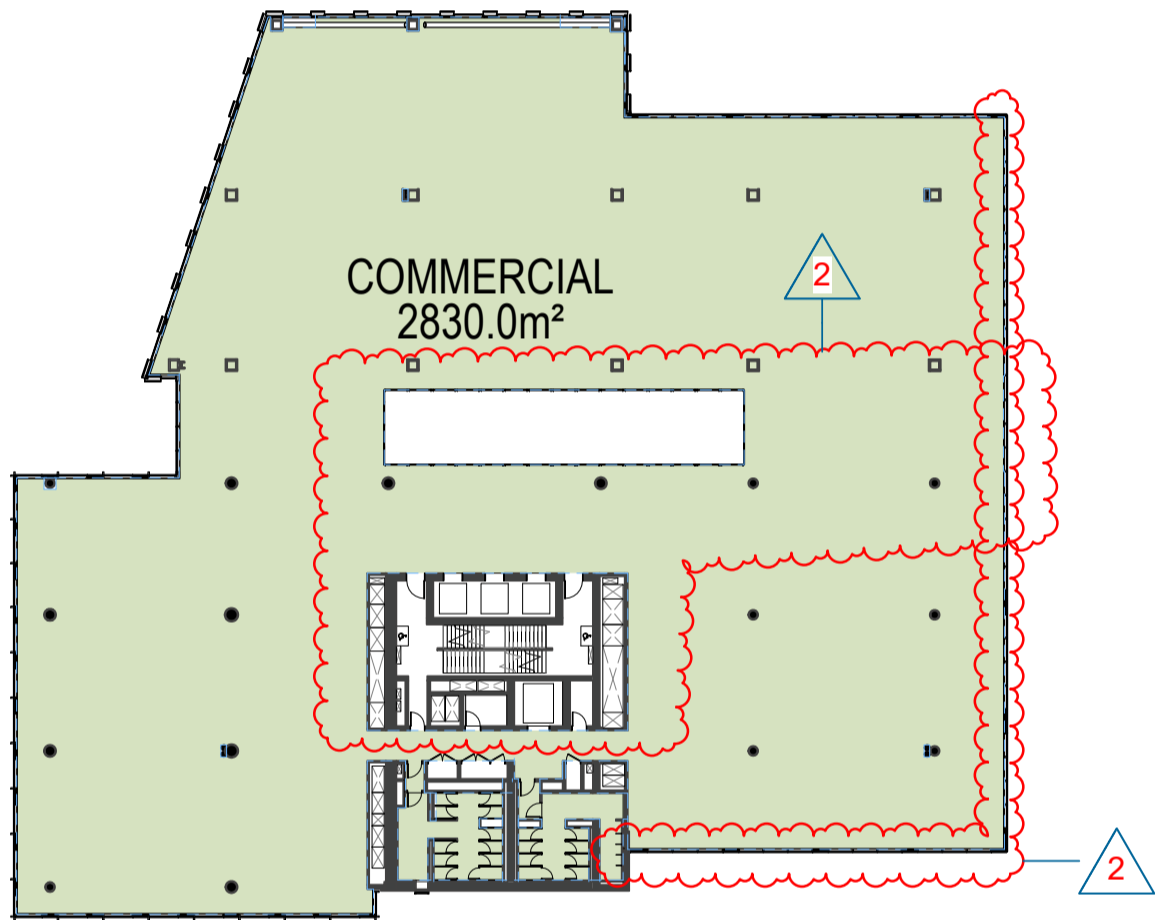
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3 CM_LEVEL 10_DA

COMMERCIAL 2830.0 m²

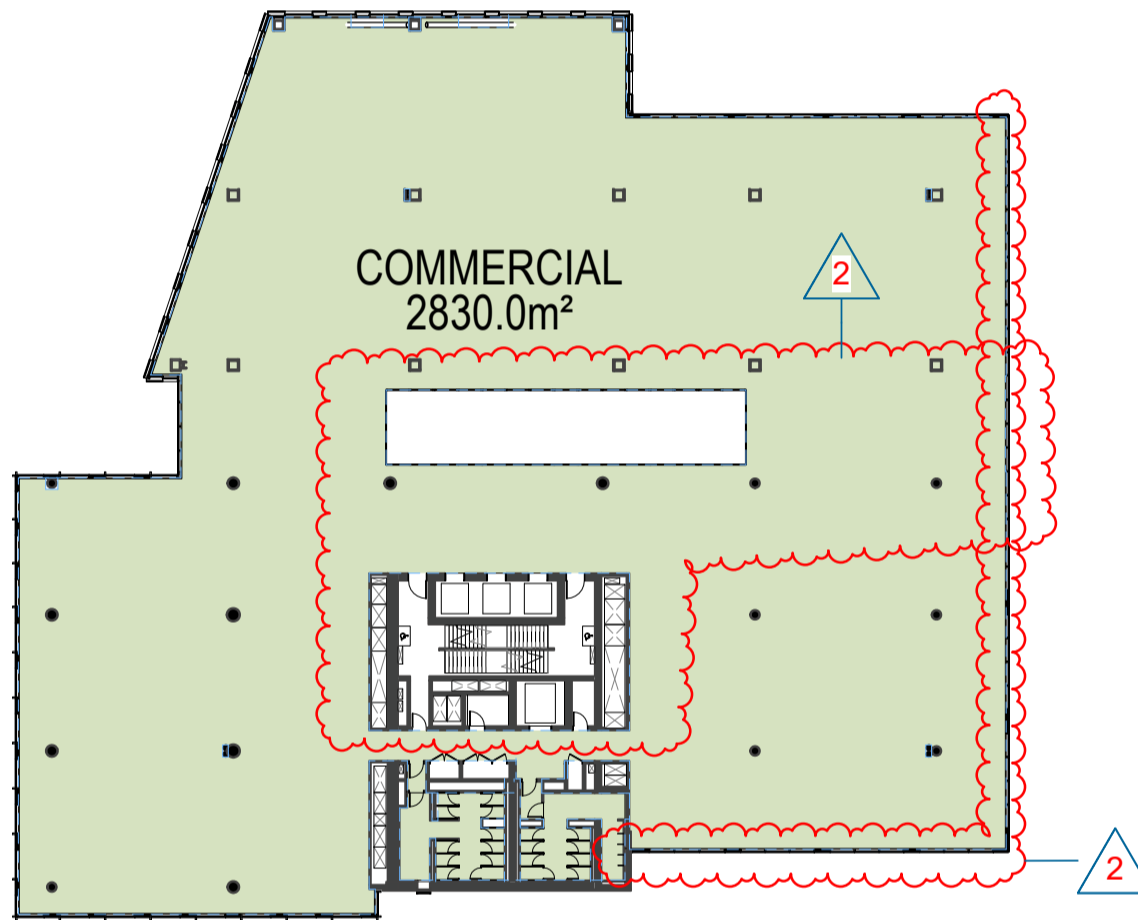
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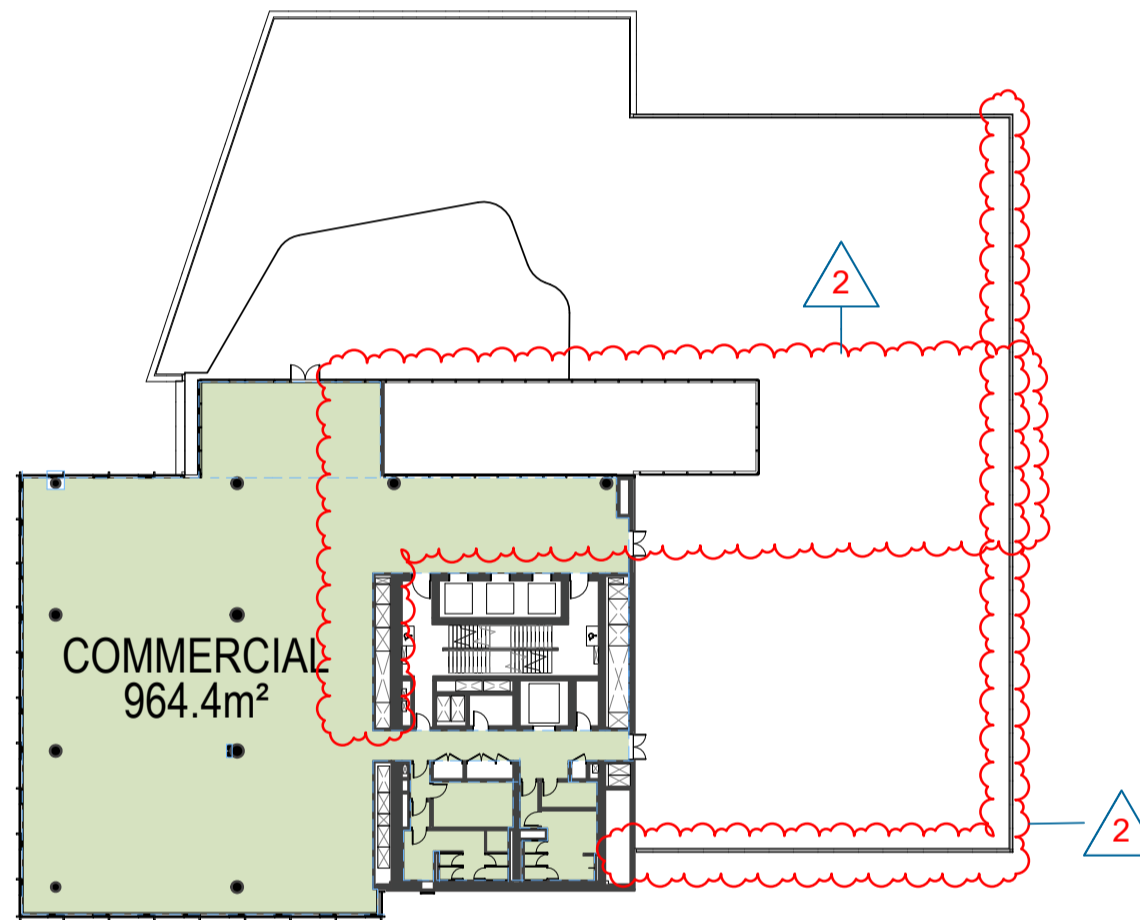
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5 CM_LEVEL 12_DA

COMMERCIAL 2830.0 m²

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6 CM_LEVEL 13_DA

COMMERCIAL 964.4 m²

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Recent revision history		
#	Status	Description
A	FOR INFORMATION (DA)	15.07.20
B	FOR APPROVAL	31.07.20
C	FOR APPROVAL	28.08.20
D	FOR APPROVAL	25.09.20
E	FOR APPROVAL	15.03.21

Current Revision Amendments		
#	Mark	Comments
E 1	TABLE UPDATED	
E 2	LAYOUT UPDATED	

Notes

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i) THE AREA OF A MEZZANINE, AND

ii) HABITABLE ROOMS IN A BASEMENT OR AN ATTIC, AND

iii) ANY SHOP, AUDITORIUM, CINEMA, AND THE LAKE, IN A BASEMENT OR AN ATTIC, BUT EXCLUDES:

i) ANY AREA OF COMMON VERTICAL CIRCULATION, SUCH AS LIFTS AND STAIRS, AND;

ii) ANY BASEMENT;

iii) STORAGE, AND

iv) VEHICULAR ACCESS, LOADING AREAS, GARBAGE AND SERVICES, AND

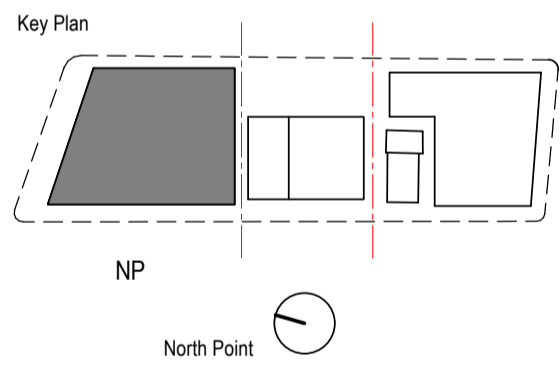
v) PLANT ROOMS, LIFT TOWERS AND OTHER AREAS USED EXCLUSIVELY FOR MECHANICAL SERVICES OR DUCTING, AND

vi) CAR PARKING TO MEET ANY REQUIREMENTS OF THE CONSENT AUTHORITY INCLUDING ACCESS TO THE CAR PARK; AND

vii) ANY SPACES USED FOR THE LOADING OR UNLOADING OF GOODS (INCLUDING ACCESS TO IT), AND

viii) TERRACES AND BALCONIES WITH OUTER WALLS LESS THAN 1.4 METRES HIGH, AND

ix) VOIDS ABOVE A FLOOR AT THE LEVEL OF A STOREY OR STOREY ABOVE.



Consultant

W-B
WOODS BAGOT

Project

WATERLOO METRO QUARTER DEVELOPMENT

Project number		Size check	
121234		25mm	
Checked	Approved	Sheet size	Scale
SJ	PM	A1	1 : 500

Sheet title

SSD10440

BUILDING 1 - AREA PLAN 02 - GFA

Status

FOR APPROVAL

Sheet number

WMQ-BLD1-WBG-AR-DRG-DA191

Revision

E