

25044/ WATERLOO STATION- TOD REFERENCE DESIGN

ARCHITECT

GRIMSHAW

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CLIENT
Greater Wellington

CONSULTANTS
Project Management: RCP
Structural Engineers: Dunning Thornton
Civil/Transport/Service/Sustainability: Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP

PROJECT NAME
Waterloo Station TOD Reference Design

PROJECT NO.
25044

ADDRESS
Hutt Central, Lower Hutt
5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.16	Supplementary Information
P03	GRM	2025.07.22	Supplementary Information
P04	GRM	2025.07.25	Issue for Coordination
P05	GRM	2025.07.29	Issue for Coordination
P06	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
@ 1:100

DRAWING TITLE
COVER SHEET

SCALE
@A1

STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

DRAWING NO.
A00 1001

GRM_Drawing List					
Sheet Number	Sheet Description	Sheet Name	Current Revision	Current Revision Date	Current Revision Description
A00 1001	SHEET NUMBER UNCHANGED	COVER SHEET	P06	2025.08.08	Reference Design Drawings
A00 1002	NEW SHEET	DESIGN STATEMENT	P01	2025.08.08	Reference Design Drawings
A00 1003	NEW SHEET	DESIGN STATEMENT	P01	2025.08.08	Reference Design Drawings
A02 2001	PREVIOUS SHEET NUMBER - A02 1002	LEVEL GROUND - PROPOSED SITE PLAN	P06	2025.08.08	Reference Design Drawings
A02 2002	PREVIOUS SHEET NUMBER - A02 1003	LEVEL OVERPASS ROOF - PROPOSED SITE PLAN	P06	2025.08.08	Reference Design Drawings
A02 2003	PREVIOUS SHEET NUMBER - A02 2005	LEVEL GROUND - DEMO&PROPOSED SITE PLAN	P04	2025.08.08	Reference Design Drawings
A02 3001	PREVIOUS SHEET NUMBER - A02 1004	3D - PROPOSED STATION	P05	2025.08.08	Reference Design Drawings
A02 4001	PREVIOUS SHEET NUMBER - A03 1001	LEVEL GROUND - PROPOSED STATION PLAN 01	P05	2025.08.08	Reference Design Drawings
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A03 1001	PREVIOUS SHEET NUMBER - A03 2001	CANOPY 01 - GA & ROOF PLAN	P05	2025.08.08	Reference Design Drawings
A03 1201	PREVIOUS SHEET NUMBER - A07 1002	CANOPY - GA ELEVATION/SECTIONS	P04	2025.08.08	Reference Design Drawings
A03 2001	PREVIOUS SHEET NUMBER - A03 2003	CANOPY PLATFORM - GA & ROOF PLAN/ELEVATION/SECTION	P05	2025.08.08	Reference Design Drawings
A04 1001	PREVIOUS SHEET NUMBER - A03 3001	OVERPASS - GA + ROOF PLAN	P06	2025.08.08	Reference Design Drawings
A04 2001	PREVIOUS SHEET NUMBER - A06 1001	OVERPASS - GA ELEVATIONS	P06	2025.08.08	Reference Design Drawings
A04 3001	PREVIOUS SHEET NUMBER - A07 1001	OVERPASS - GA SECTIONS	P06	2025.08.08	Reference Design Drawings
A18 1001	NEW SHEET	MATERIALS AND FINISHES KEY - CANOPIES AND PLATFORM	P01	2025.08.08	Reference Design Drawings
A18 1002	NEW SHEET	MATERIALS AND FINISHES KEY - OVERPASS	P01	2025.08.08	Reference Design Drawings
A18 1004	NEW SHEET	MATERIALS AND FINISHES SCHEDULE 02	P01	2025.08.08	Reference Design Drawings
A18 1003	NEW SHEET	MATERIALS AND FINISHES SCHEDULE 01	P01	2025.08.08	Reference Design Drawings
A01 1001	SHEET NUMBER UNCHANGED	LEVEL ROOF - EXISTING CONTEXT PLAN	P02	2025.07.18	Supplementary Information
A01 1002	SHEET NUMBER UNCHANGED	LEVEL GROUND - EXISTING SITE PLAN	P02	2025.07.18	Supplementary Information
A01 1003	SHEET NUMBER UNCHANGED	LEVEL ROOF - EXISTING SITE PLAN	P01	2025.07.22	Supplementary Information
A01 2004	SHEET NUMBER UNCHANGED	LEVEL GROUND - DEMO SITE PLAN	P01	2025.07.22	Supplementary Information
A01 2005	SHEET NUMBER UNCHANGED	LEVEL ROOF - DEMO SITE PLAN	P01	2025.07.22	Supplementary Information
A02 1001	SHEET NUMBER UNCHANGED	LEVEL OVERPASS ROOF - PROPOSED CONTEXT PLAN	P05	2025.08.08	Reference Design Drawings

Design Statement

Vision

The Reference Design for the redevelopment of Waterloo Station aims to create a station that enhances local identity and optimises land use to support Greater Wellington’s objectives for further transit-oriented development within the station precinct.

The design aims to improve passenger experience, delivering an accessible, intuitive interchange that encourages public transport use and supports future population growth in Lower Hutt. The station also maintains its functionality as a community connector between Trafalgar Square and Oxford Terrace.

Station context and sitting

Waterloo Station is in the Hutt Valley, positioned on both the Wairarapa and Hutt Valley rail lines. It lies within the local government boundaries of Hutt City Council and Greater Wellington Regional Council, and primarily serves the surrounding suburbs of Waterloo, Lower Hutt Central and Woburn.

Waterloo station sits at the heart of a formal, orthogonal street layout typical of early planned settlements, where the street network is centred around transport infrastructure. Roads converge towards the station, reinforcing its role as a civic anchor.

Key Site Constraints

- Pedestrian connections: The current underpass provides a pedestrian link from Oxford Terrace to Cambridge Terrace, underpass to be maintained until the new overpass is commissioned so that this link is retained
- Current station is at the end of its design life- the roof requires major and cost prohibitive maintenance, the underpass requires significant seismic strengthening, and the overall station design is not compliant with accessibility standards
- Waiwhetū Aquifer – its location under the station limits foundation depth, and lightweight structure will also need to be used
- Waterloo Water Treatment Plant is adjacent to the current station, the new station will move the platform away/delineate assets
- Land ownership- land around the station is owned by both Greater Wellington and KiwiRail.
- Continuous station operation to be maintained throughout the construction period

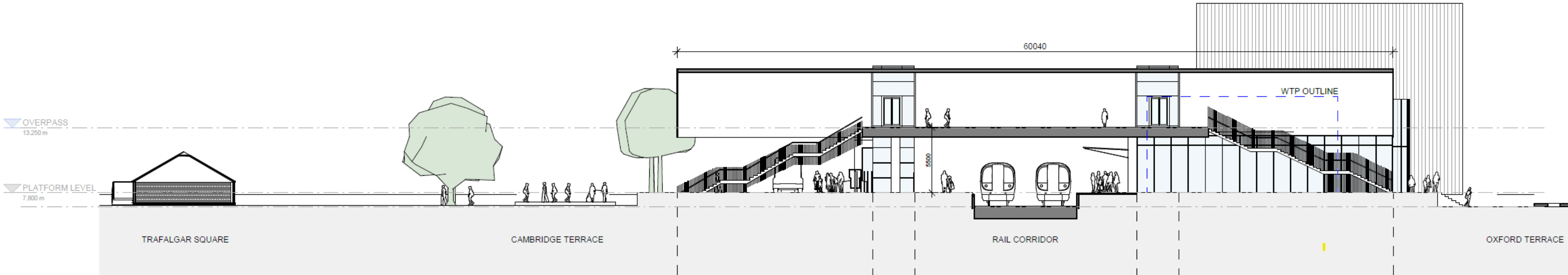
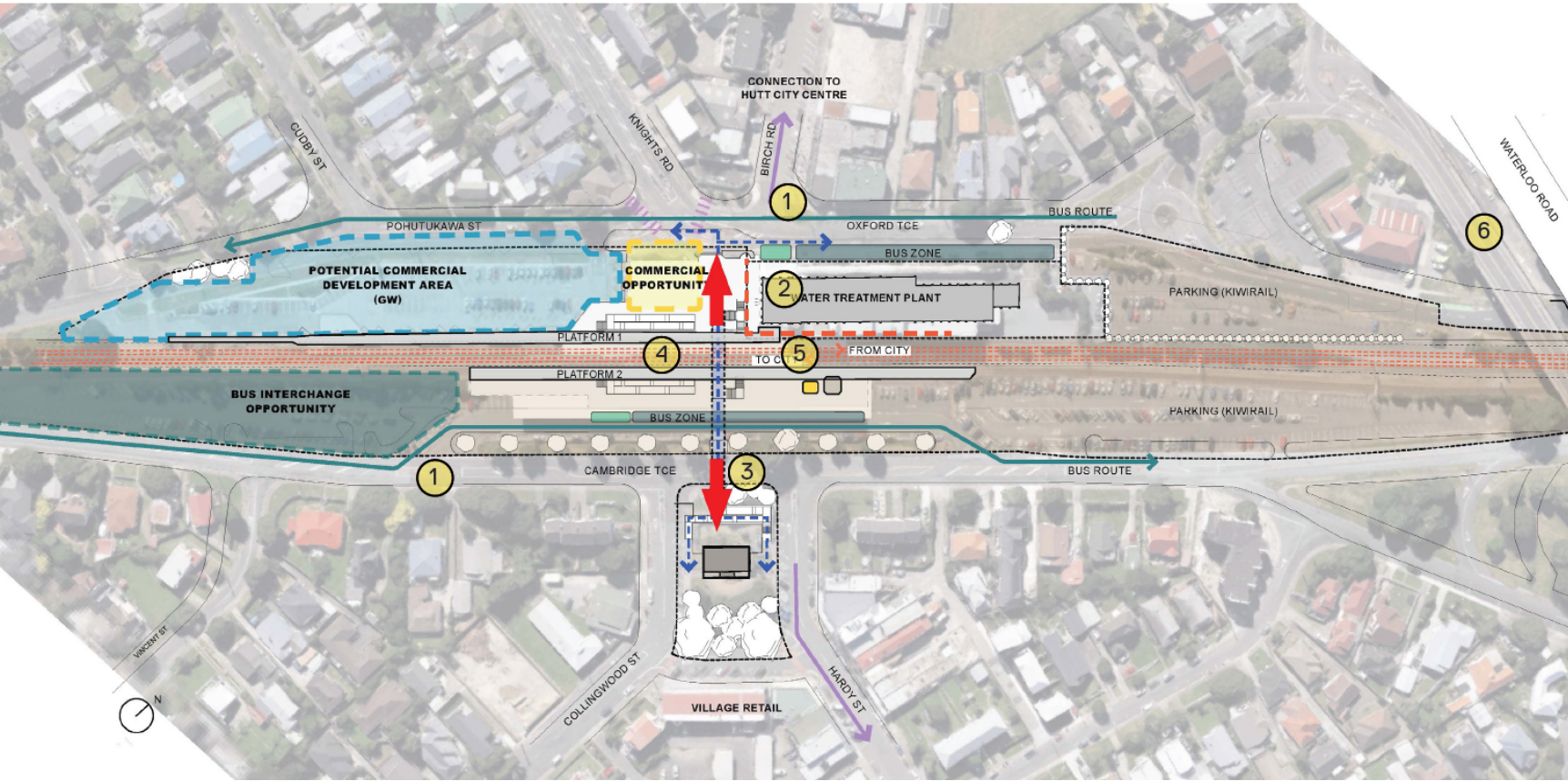
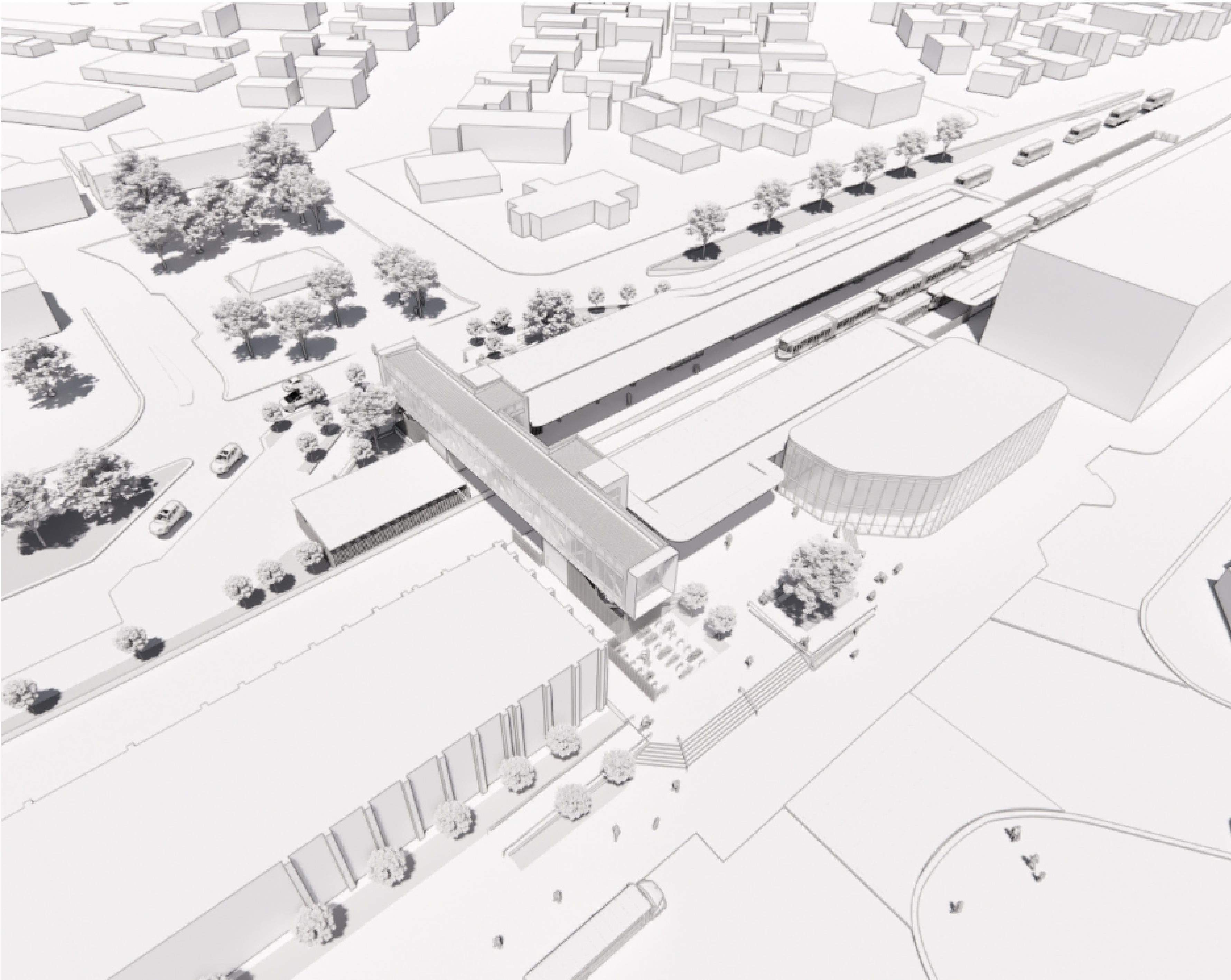
Station design

The station spans between Oxford Terrace and Cambridge Terrace, with a new at-grade pedestrian crossing improving the visual and physical connection between the expanded station forecourt and Trafalgar Square to the east. This link, which also integrates the bus interchange to the west, strengthens the visual and physical connection between the eastern village centre.

The new overpass provides a clear visual marker and reinforces the east–west connection across the corridor, with station canopies supporting the legibility.

The revised legible station layout, centred around a consolidated bus interchange, enhanced pedestrian links, and a more legible urban interface, reinforces Waterloo’s role as both a transit hub and a physical connector between the two sides of the town.

Together, these elements create a legible station with clear identity supporting key community connectivity



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METRES
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DRAWING TITLE
DESIGN STATEMENT

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STATUS
For information

DRW	CH	APR	DRW DATE	REV
MC	BP	MH	2025.08.08	P01

DRAWING NO.
A00 1002

Key design moves

The design for the Waterloo Station and bus interchange has been developed in alignment with the project objectives, design principles, and key parameters.

The primary design moves focused on the location and configuration of major elements—platform layout, cross-corridor access, vertical transport, and the integration of the bus interchange. These were supported by a range of smaller, secondary elements, including station entry points, platform canopies, waiting rooms, and amenities—all reinforcing and responding to the overarching strategic direction.

Station elements description

Platform configuration - Aligned and upgraded platforms- Platform 2 repositioned to align with Platform 1, with 5m clearance from the Water Treatment Plant. This alignment supports simplified passenger movement and supports a cohesive, legible station layout. It creates a compact and unified interchange footprint, enhancing wayfinding, reducing transfer distances, and enabling greater flexibility for staged construction or future platform extensions. Station entry configuration on both sides is mirrored.

Rail corridor crossing - The removal of the existing long underpass, which previously created a sense of disconnection between the precinct and its surroundings, marks a significant shift in cross-corridor access. It is replaced by a shorter, more visible overpass that spans the rail corridor, linking Oxford Terrace to Cambridge Terrace. From there, a new pedestrian crossing provides direct access into Trafalgar Square and onward to Trafalgar Place, creating a seamless, human-scaled connection. This configuration improves urban integration, enhances the user experience, and offers clear sightlines and improved wayfinding to the station entries.

Vertical circulation – Two new enclosed shelters are provided with lifts and stairs are provided for platform access; these are located to promote intuitive wayfinding and support efficient people movement through the station.

Station Amenity - Platform and entry canopies provide 70% platform cover and include glazed weather-protected waiting areas with seating. All canopies share the same design language featuring a refined profile edge and modular aluminium soffit panels that integrate lighting and services. The enclosed glazed overpass also provides weather protection while encouraging passive surveillance. The upper panels integrate louvres for natural ventilation. The façade at each end of the overpass frames the views across the Lower Hutt valley.

Public toilets, bike parking and seating are provided on both platforms.

Commercial opportunity – A commercial area of 550m² is also integrated within the station footprint, offering future opportunities for retail or services.

Interchange elements – the parking area on the eastern side of the station has been re-configured to support a bus interchange which is connected directly to the station through an additional station entry. The western interchange retains its current configuration with improved bus stop facilities. Designated accessible parking and Pickup Drop-Off (PUDO) areas are located on both sides of the station. Station entries and forecourts are optimally arranged to support smooth multimodal transfers.

Passenger Experience and Facilities

The station layout ensures full accessibility, compliant with D1 and NZS 4121, with lifts, ramps and tactile surfaces connecting all areas

- The following are provided on platform 1 and platform 2.
- Provisions for future station closure with secure fencing and entry points allowing for future gate line installation.
 - Public toilets, both unisex, one accessible
 - Approx 120 m² enclosed waiting area
 - Snapper kiosks
 - Seating
 - Bike parking- 100 spaces

Multi-model integration

- The design supports many modes of access for all user groups:
- Pedestrian access: direct connection between Oxford Terrace and Cambridge Terrace using the overpass
 - Bus: interchange provided on both Cambridge Terrace and Oxford Terraces sides of the station so that bus bays are located to support optimal bus routes and to avoid conflicts with motorists, pedestrians and cyclists. Bus stops are covered, have enclosed waiting areas for weather protection and are directly connected to the station entrances.
 - Cycling- secure, sheltered and visible bike parking is provided on both street frontages
 - PUDO (Pickup Drop-Off) – designated PUDO area located adjacent to the station entrances to reduce conflict between buses and motorists.
 - Accessible parking – dedicated areas located on each side of the station with pedestrian access to the station platforms and bus areas.

Environment

- Overpass and waiting areas have been designed to promote natural daylight and passive surveillance.
- Lightweight structural solution minimises carbon footprint
- Rain gardens integrated within landscaping
- Lightweight design supports the use of modular systems for efficient material use and ease of replacement and maintenance.
- Project material selection to consider; design life and replacement, manufacturing processes including by-products, energy and waste; environmental impact of cleaning and maintenance. and design for disassembly and recycling.



Cambridge Terrace Entry



Oxford Terrace Entry



Platform 1 Waiting Area and Canopy

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25044

ADDRESS
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5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
@ 1:100

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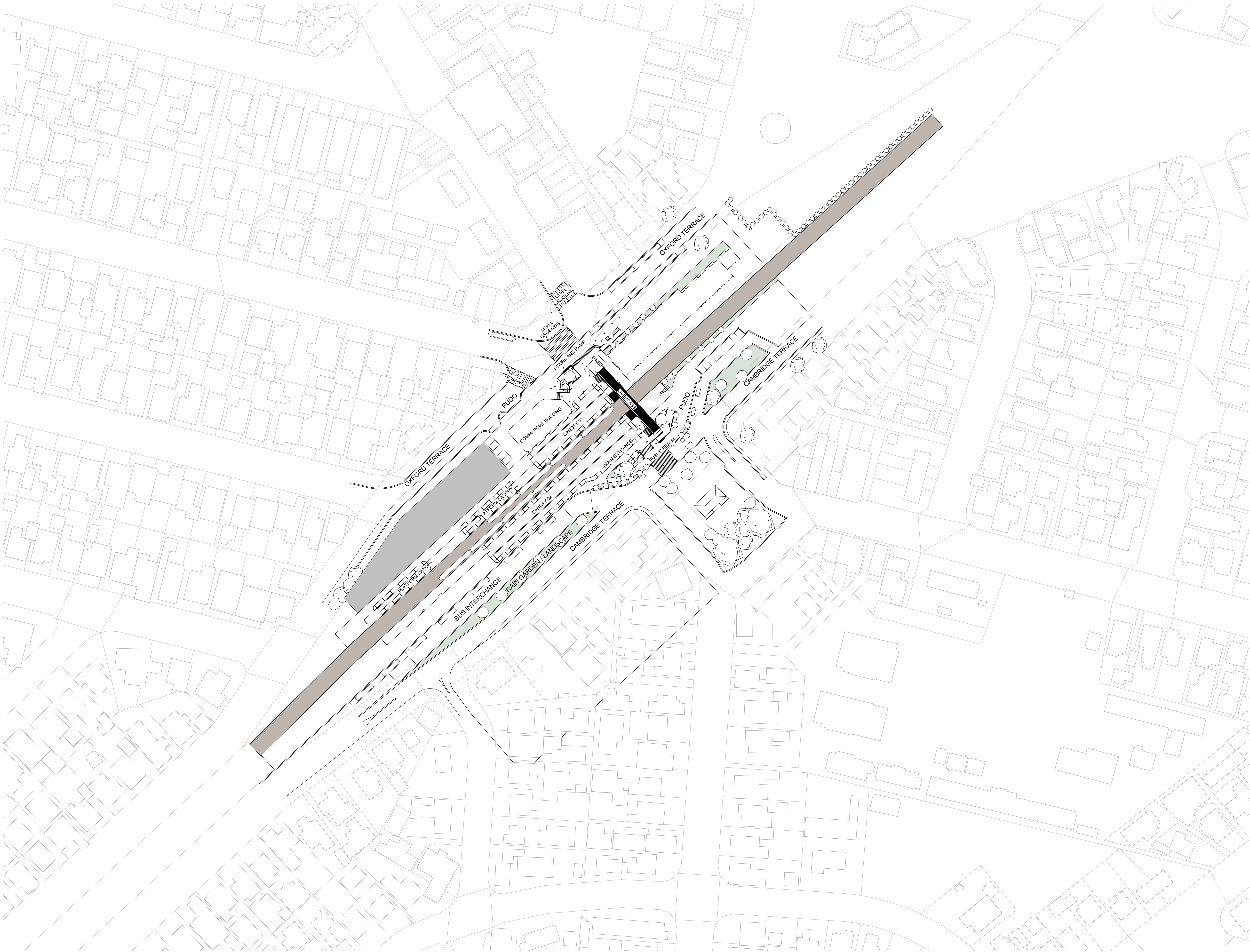
DRAWING TITLE
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SCALE
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STATUS
For information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P01

DRAWING NO.
A00 1003



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P05	GRM	2025.08.08	Reference Design Drawings

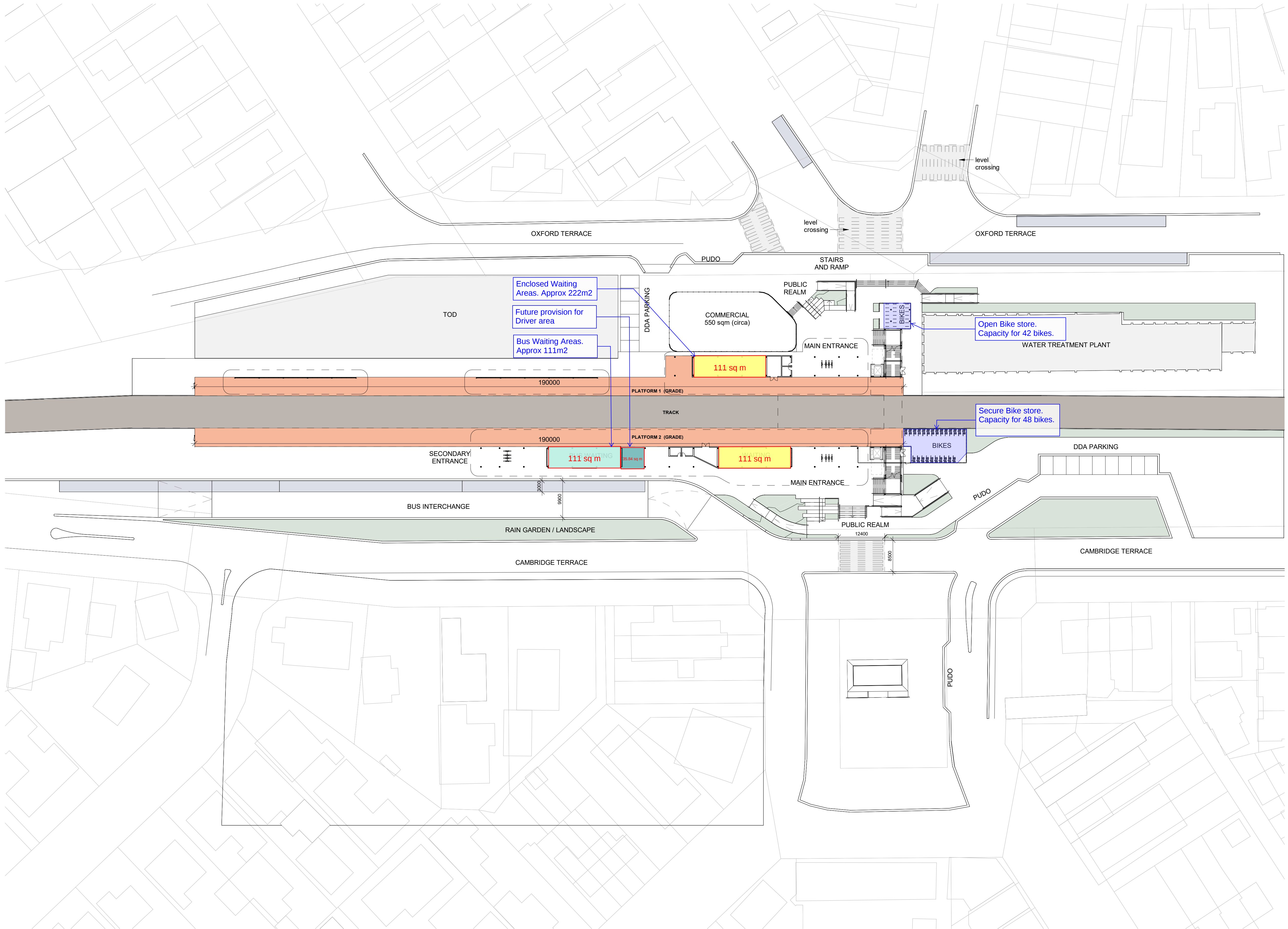
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DRAWING TITLE
LEVEL OVERPASS ROOF -
PROPOSED CONTEXT PLAN
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1 : 1000 @A1
STATUS
For Information

DRW CH APPR DRW DATE REV
MC BP MH 2025.08.08 P05

DRAWING NO.
A02 1001

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Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
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Fire Engineers: WSPPROJECT NAME
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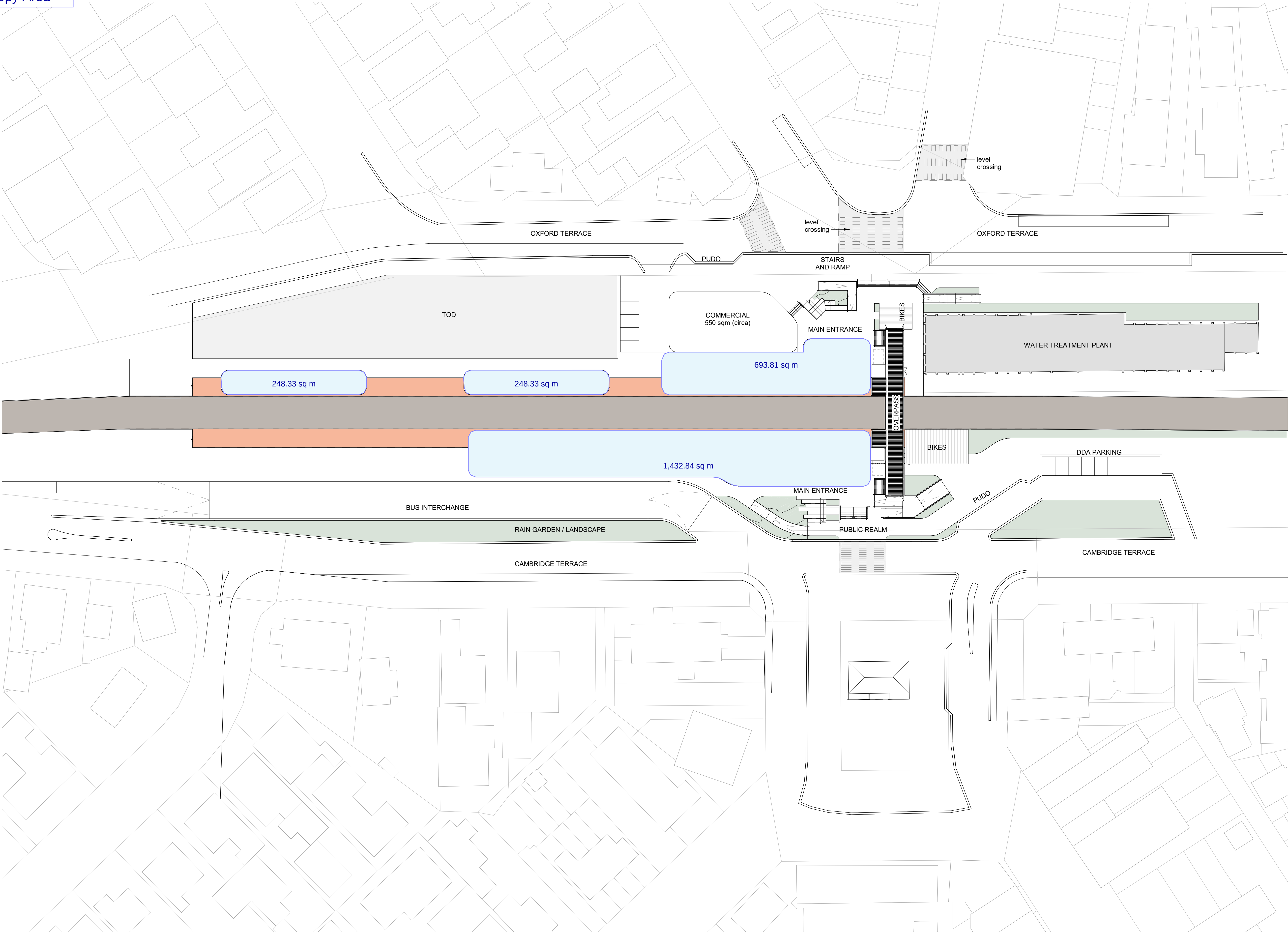
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NORTH
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LEVEL GROUND - PROPOSED SITE
PLANSCALE
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STATUS
For information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

DRAWING NO.
A02 2001

Approx 2,478m2
Canopy Area



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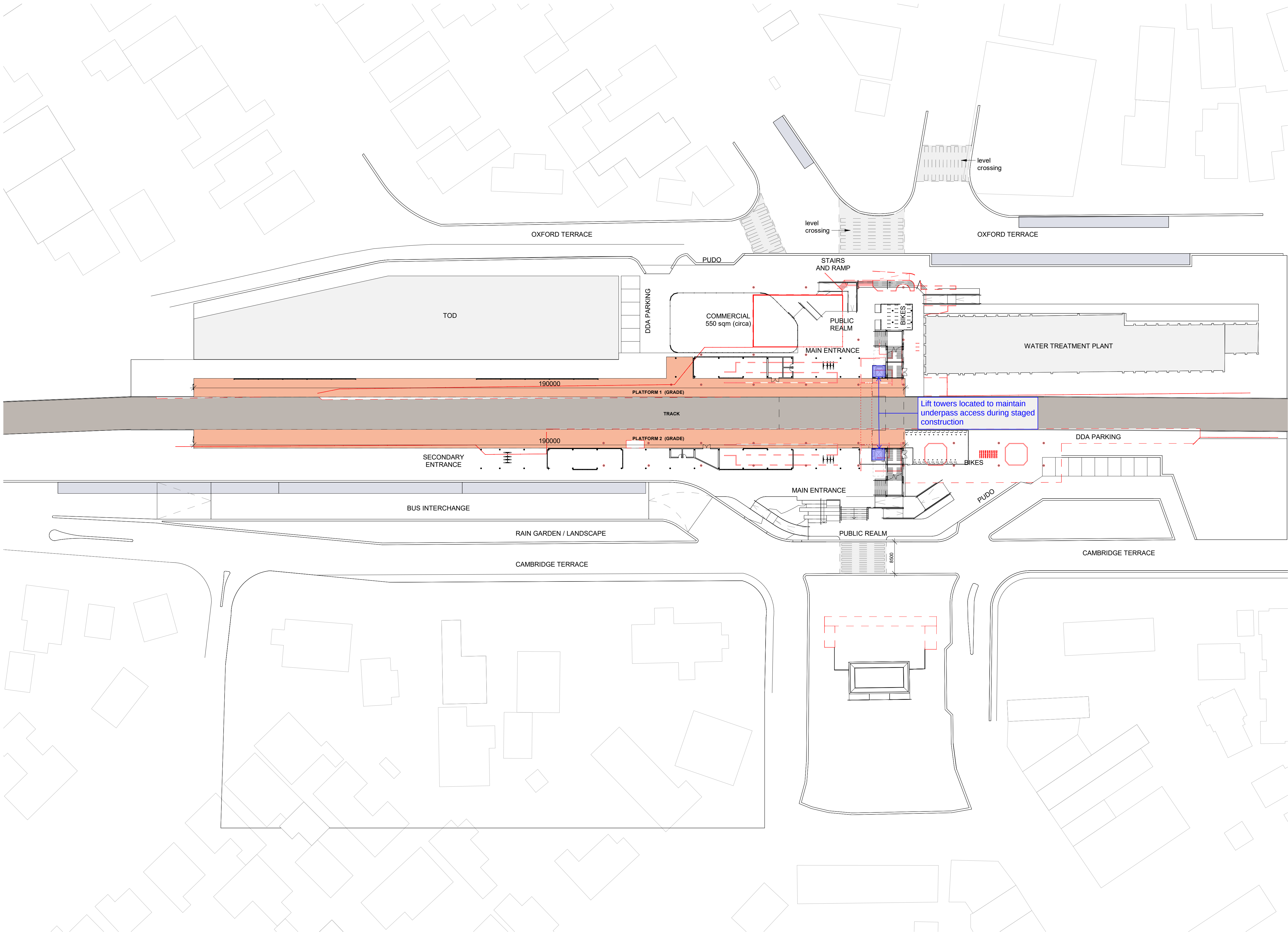
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DRAWING TITLE
LEVEL OVERPASS ROOF -
PROPOSED SITE PLAN
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1 : 500 @A1
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DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

DRAWING NO.
A02 2002



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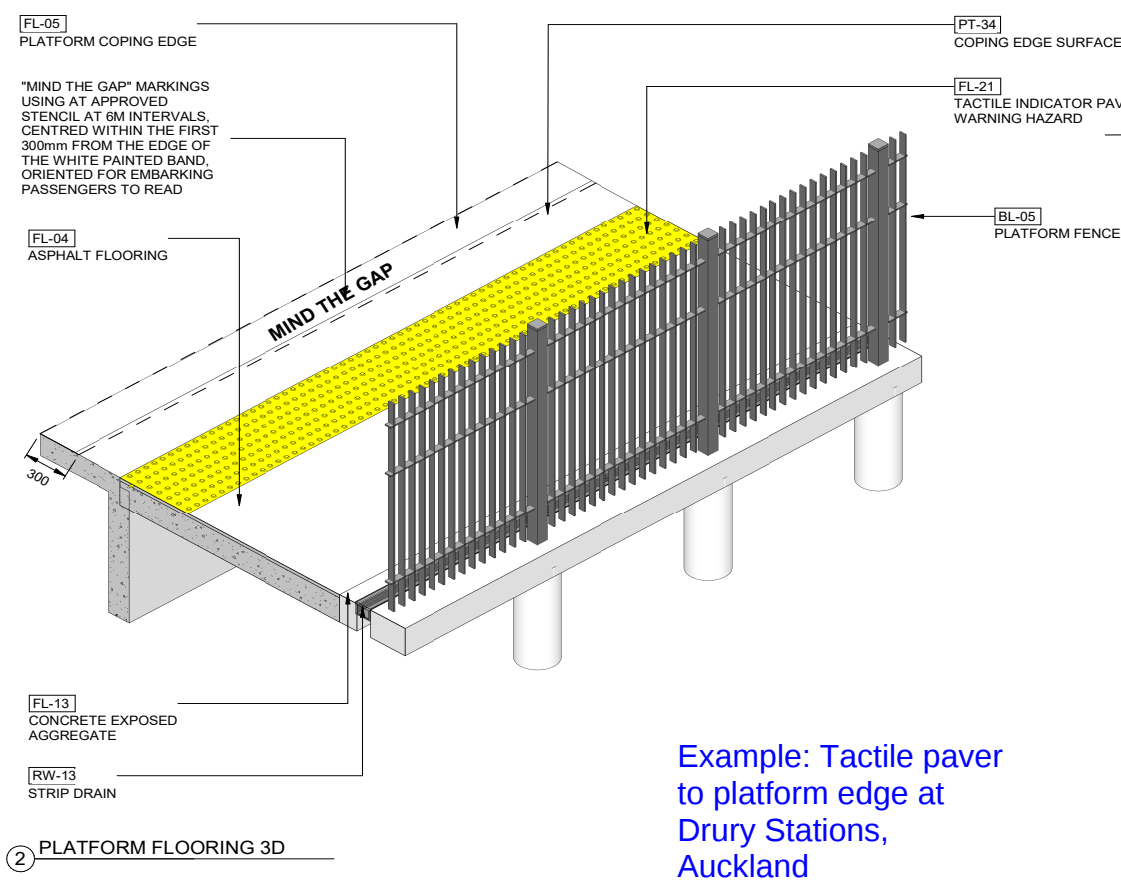
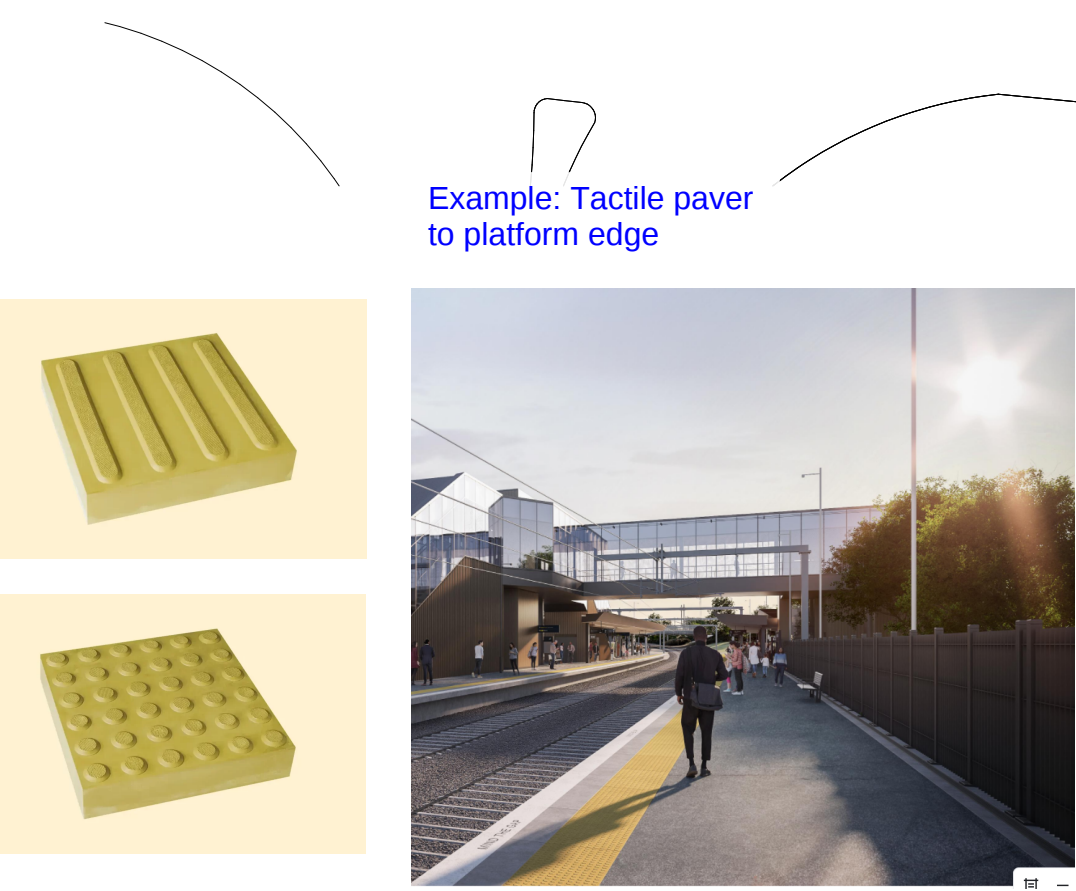
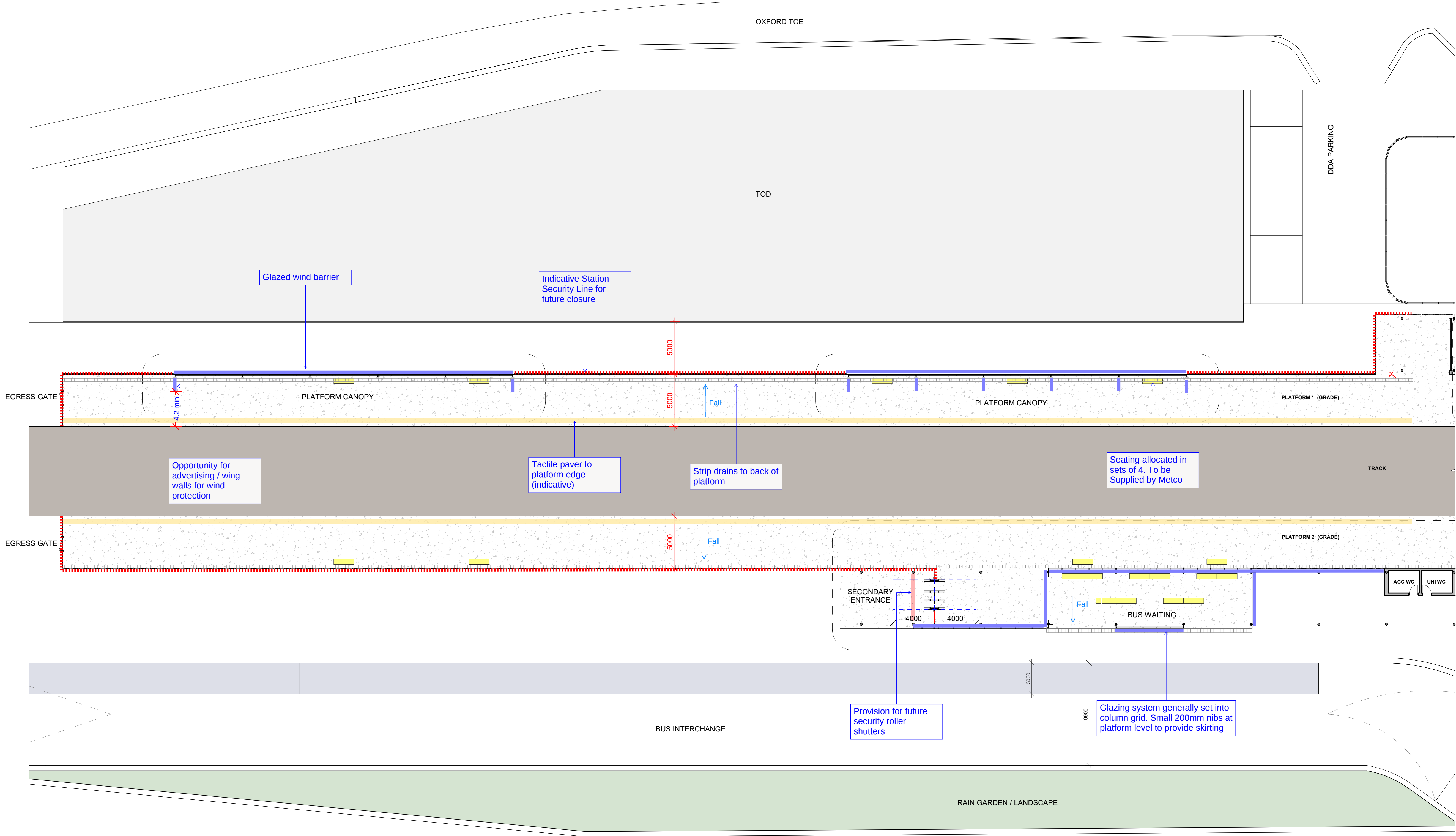
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DRAWING TITLE
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DRAWING NO.
A02 2003





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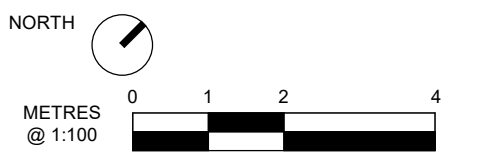
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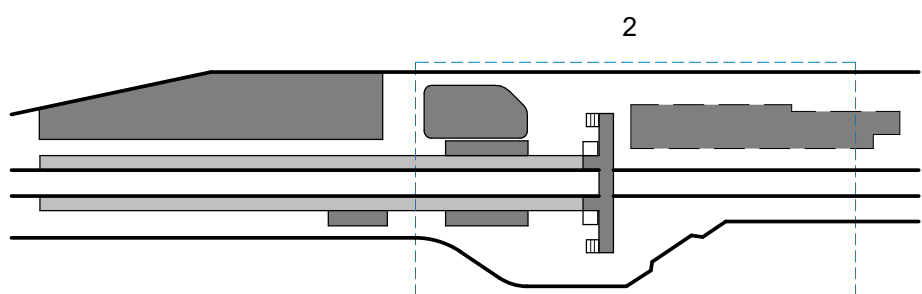
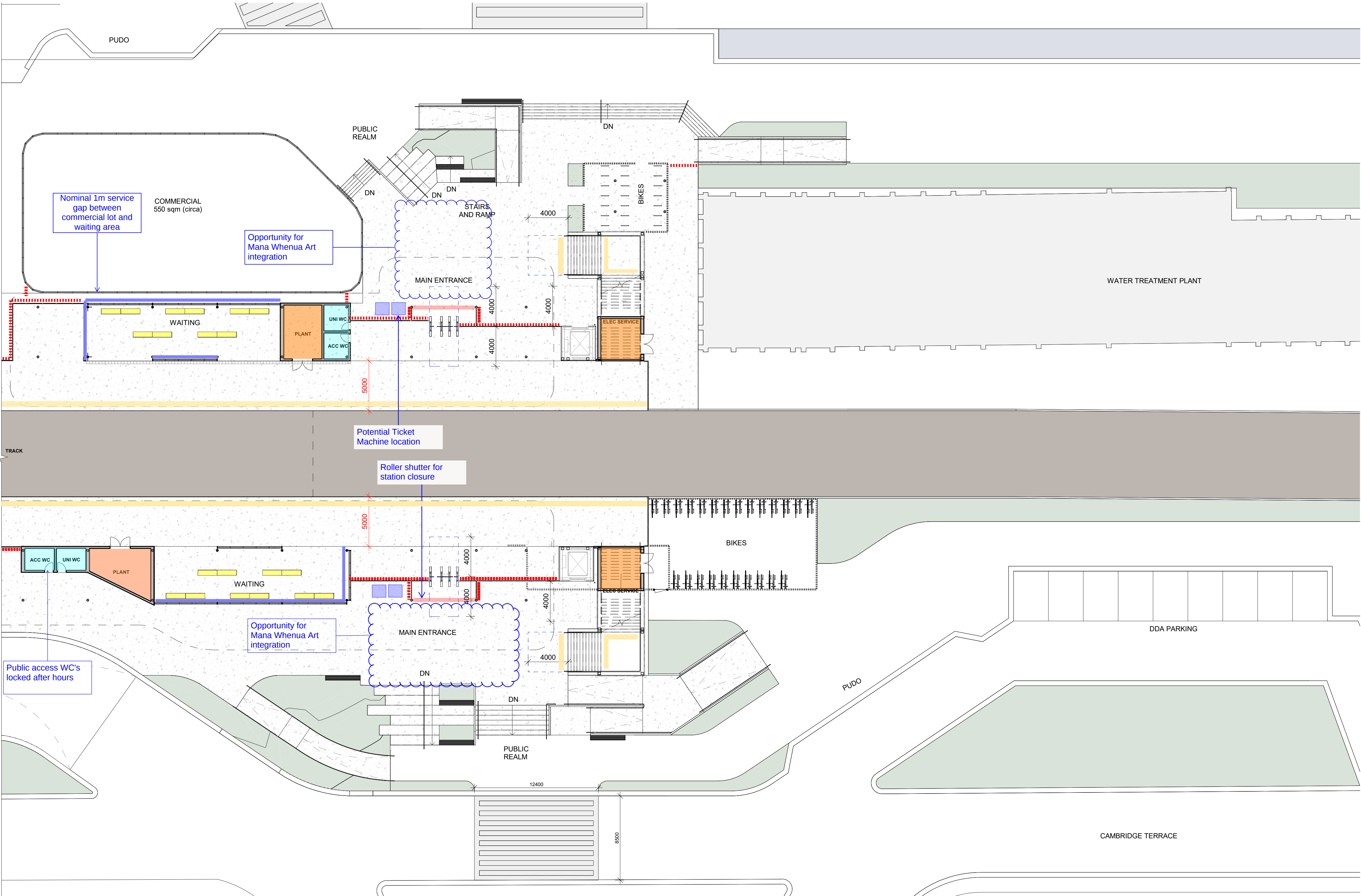
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DRAWING TITLE
LEVEL GROUND - PROPOSED STATION PLAN 01
SCALE
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P01	GRM	2025.07.18	Supplementary Information
P02	GRM	2025.07.22	Supplementary Information
P03	GRM	2025.07.25	Issue for Coordination
P04	GRM	2025.07.29	Issue for Coordination
P05	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

NORTH

METRES
@ 1:100

DRAWING TITLE

CANOPY 01 - GA & ROOF PLAN

SCALE

1 : 100 @A1

STATUS

For information

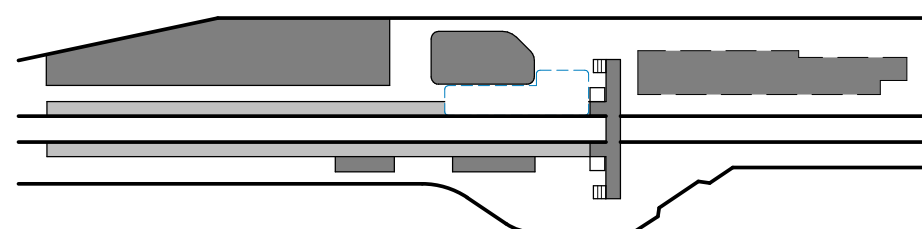
DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P05

DRAWING NO.

A03 1001

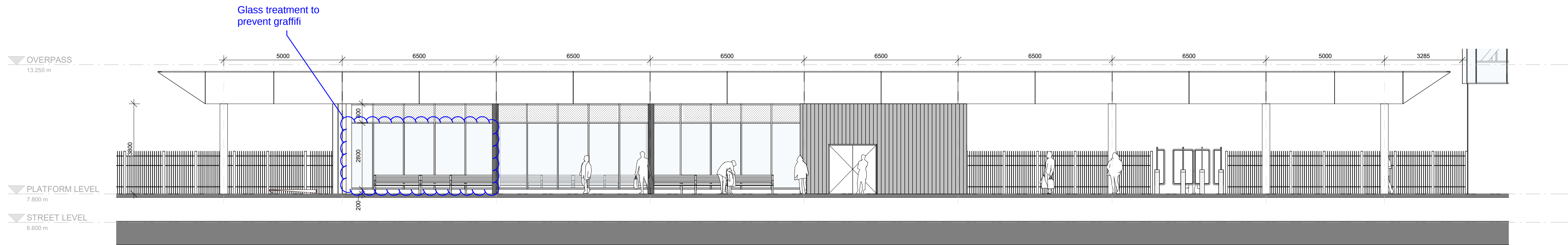
1 CANOPY 01 - ROOF PLAN
1 : 1002 CANOPY 01 - GA PLAN
1 : 100Solar Panel
potential to
Canopy Roofs.

PV Panel Summary
Number of panels 80
Panel wattage 550W
Total capacity 44 kW
Orientation / Tilt: NW (315°) / 3°
Est. daily generation ~158 kWh/day
Est. annual generation ~49,000–52,000 kWh/year

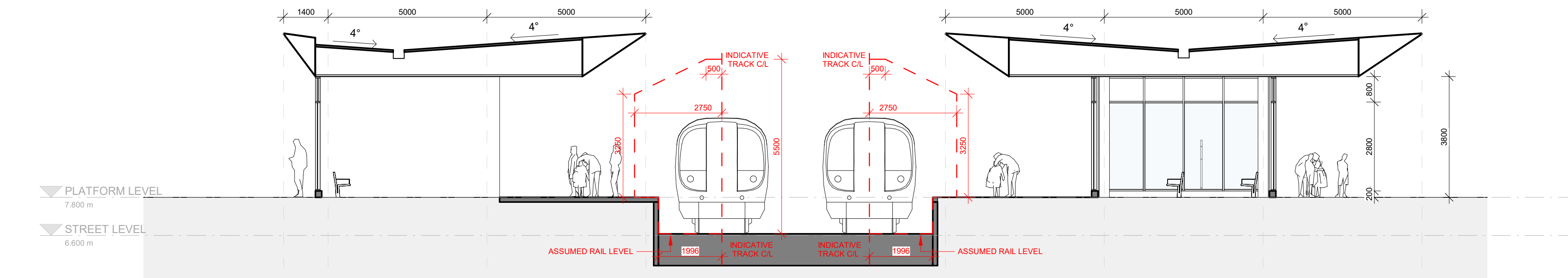
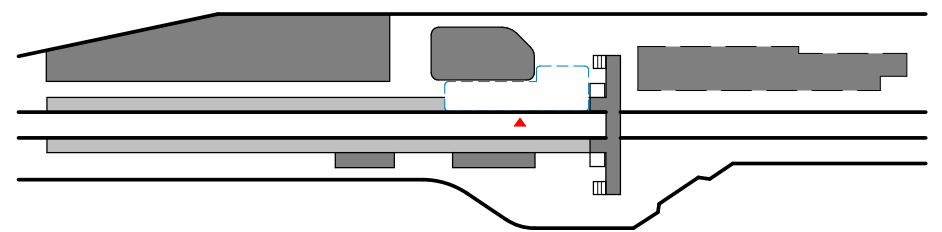


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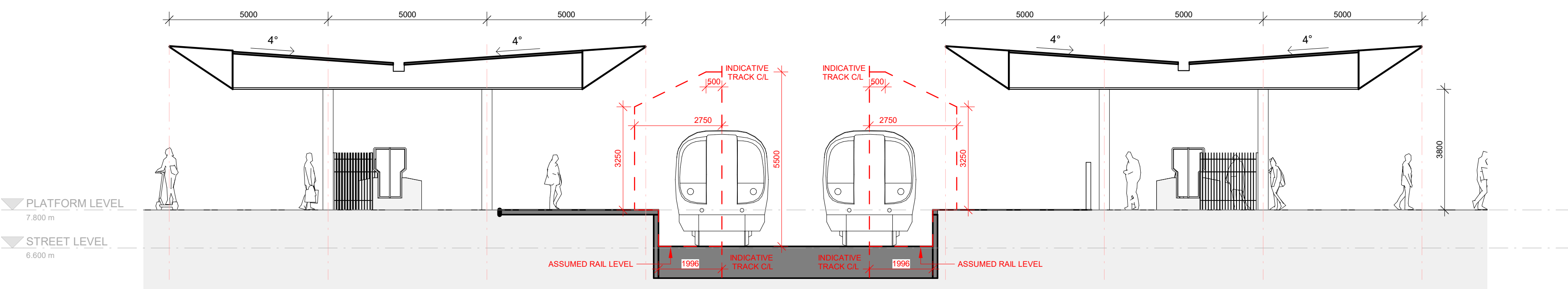
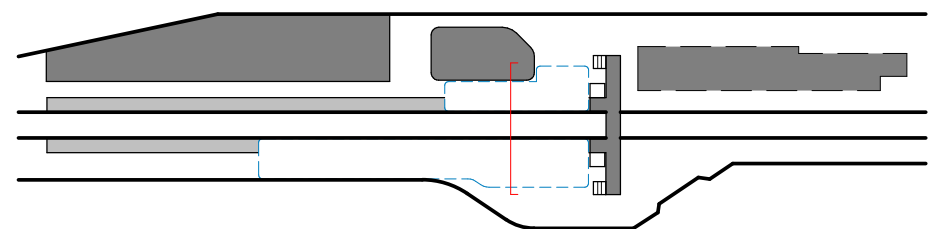
DRAWING NOTICES
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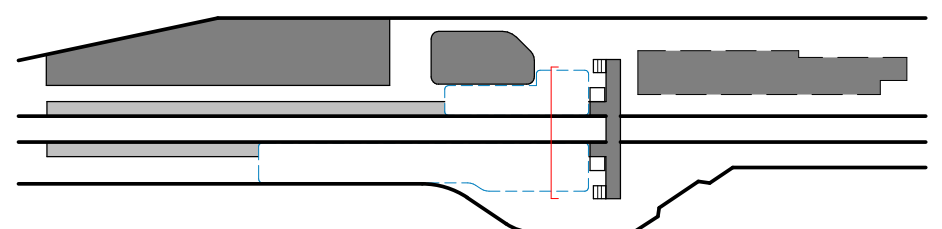
4 CANOPY 01 - GA ELEVATION
1:100



1 CANOPY 01 & 02 - GA SECTION 01
1:100



2 CANOPY 01 & 02 - GA SECTION 02
1:100



CLIENT
Greater Wellington

CONSULTANTS
Project Management: RCP
Structural Engineers:
Dunning Thornton
Civil/Transport/Service/Sustainability:
Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP

PROJECT NAME
Waterloo Station TOD Reference
Design

PROJECT NO.
25044

ADDRESS
Hutt Central, Lower Hutt
5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.18	Supplementary Information
P02	GRM	2025.07.22	Supplementary Information
P03	GRM	2025.07.25	Issue for Coordination
P04	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
@ 1:100

DRAWING TITLE
CANOPY - GA ELEVATION/SECTIONS

SCALE
1:100 @A1

STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P04

DRAWING NO.
A03 1201

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Greater Wellington

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Fire Engineers: WSP

PROJECT NAME

Waterloo Station TOD Reference Design

PROJECT NO.

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ADDRESS

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P04	GRM	2025.07.29	Issue for Coordination
P05	GRM	2025.08.08	Reference Design Drawings

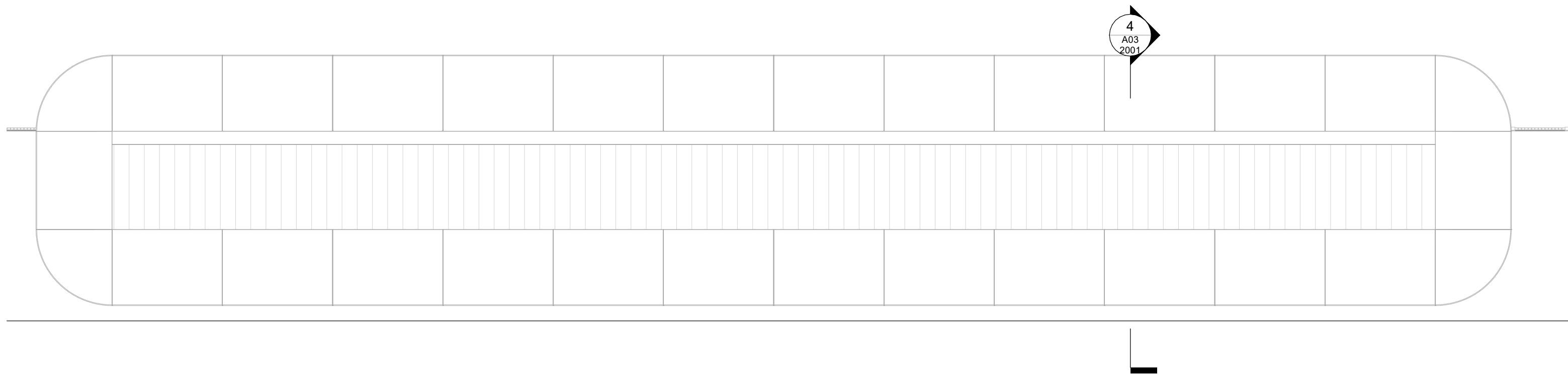
KEY PLAN

METRES
@ 1:100DRAWING TITLE
**CANOPY PLATFORM - GA & ROOF
PLAN/ELEVATION/SECTION**SCALE
1 : 100 @A1STATUS
For Information

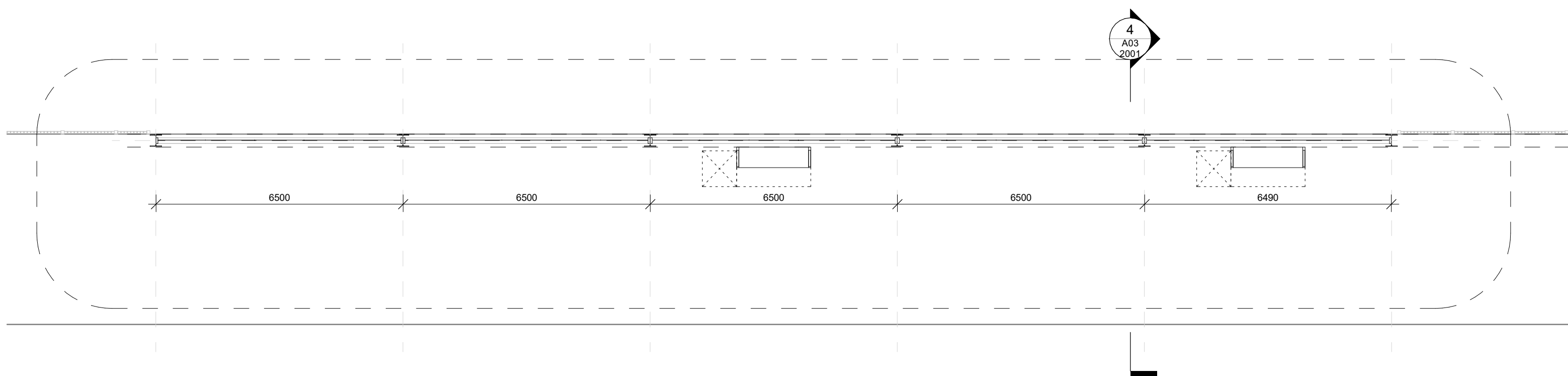
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MC	BP	MH	2025.08.08	P05

DRAWING NO.

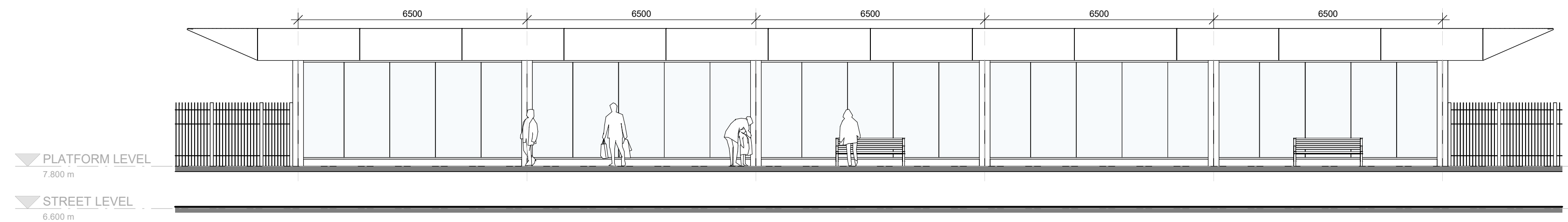
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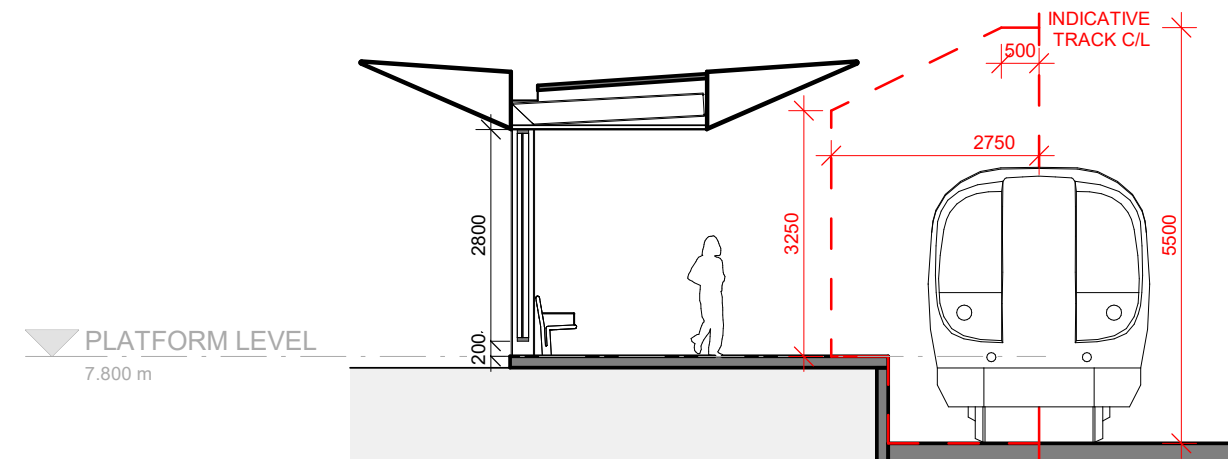
① PLATFORM CANOPY_ROOF PLAN
1 : 100



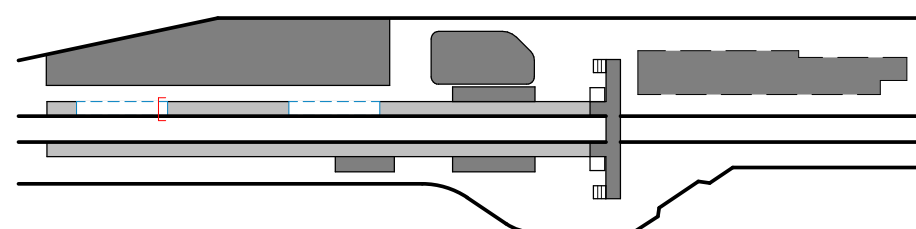
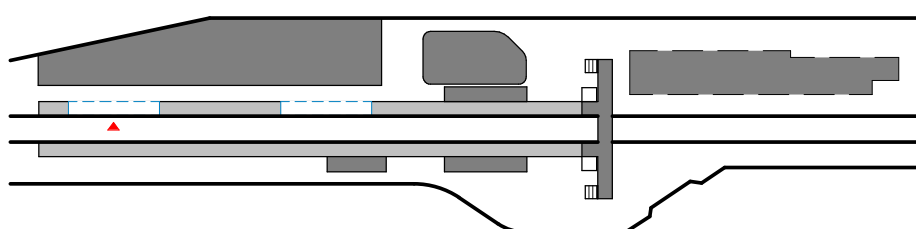
② PLATFORM CANOPY_GA PLAN
1 : 100



③ PLATFORM CANOPY_GA ELEVATION
1 : 100



④ PLATFORM CANOPY_GA SECTION
1 : 100



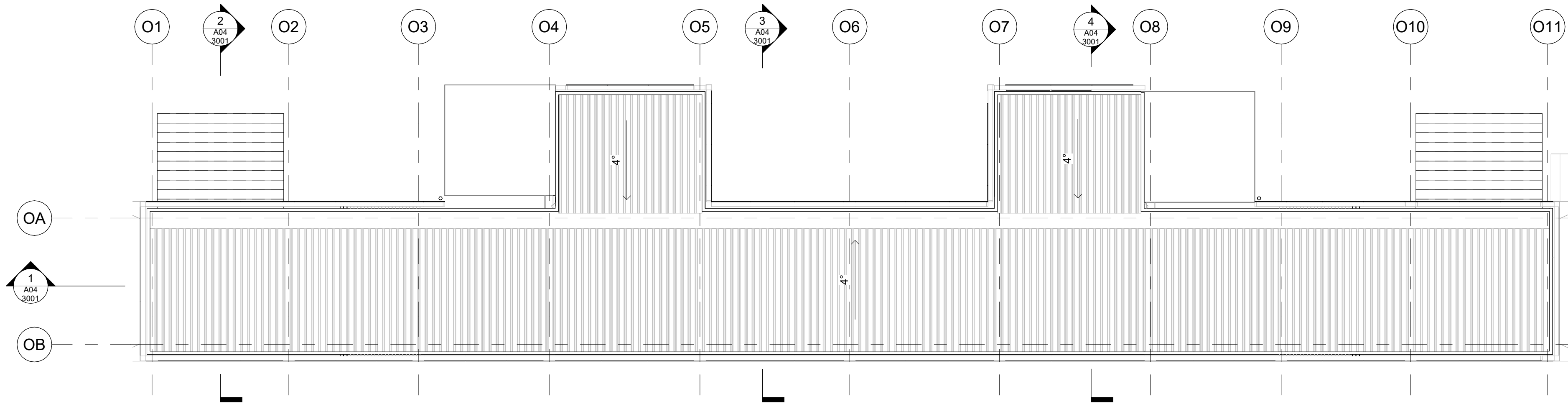
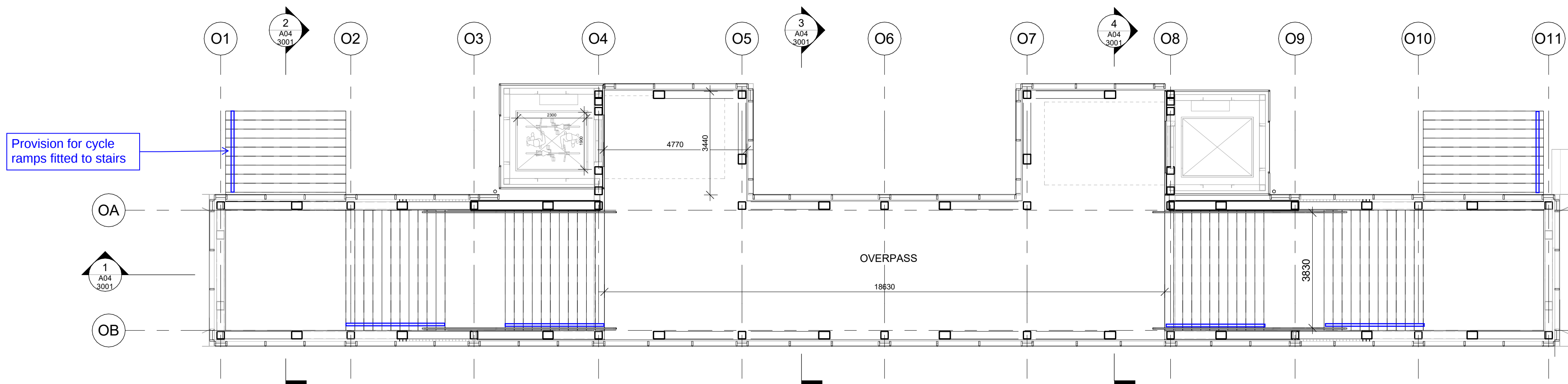
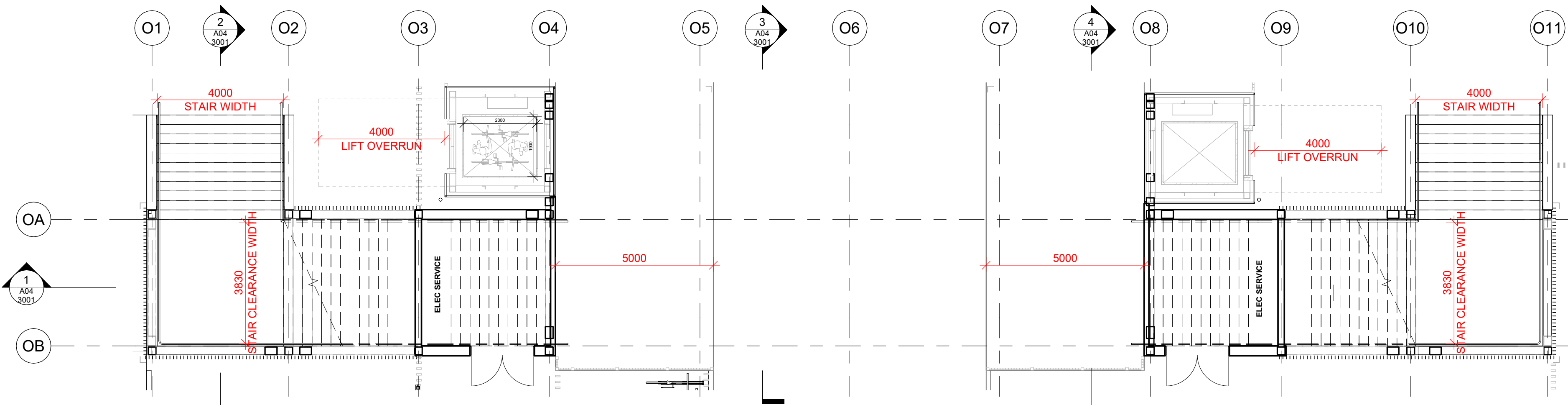
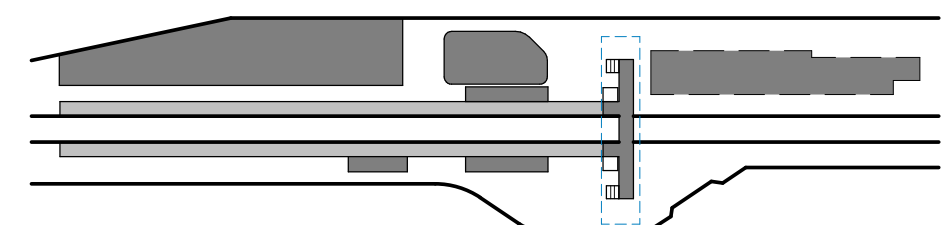
CLIENT
Greater WellingtonCONSULTANTS
Project Management: RCP
Structural Engineers:
Dunning Thornton
Civil/Transport/Service/Sustainability:
Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSPPROJECT NAME
Waterloo Station TOD Reference DesignPROJECT NO.
25044 ADDRESS
Hutt Central, Lower Hutt
5911, New Zealand

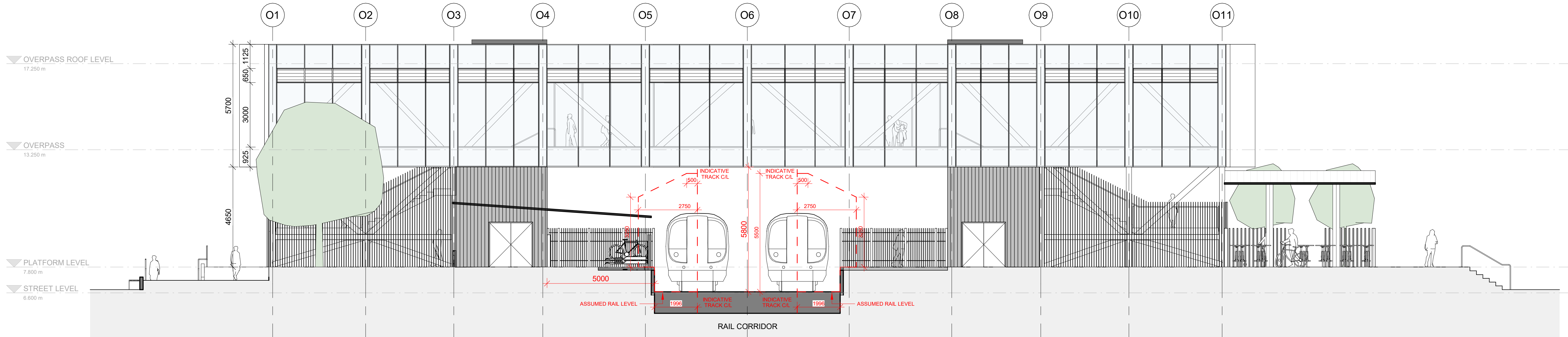
REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.16	Supplementary Information
P03	GRM	2025.07.22	Supplementary Information
P04	GRM	2025.07.25	Issue for Coordination
P05	GRM	2025.07.29	Issue for Coordination
P06	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

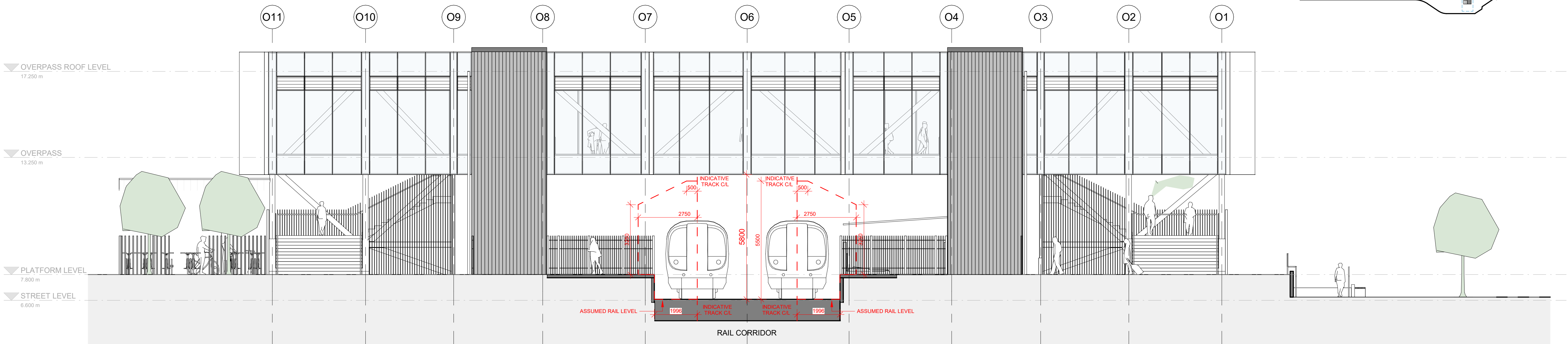
DRAWING TITLE
OVERPASS - GA + ROOF PLANSCALE
1 : 100 @A1 STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

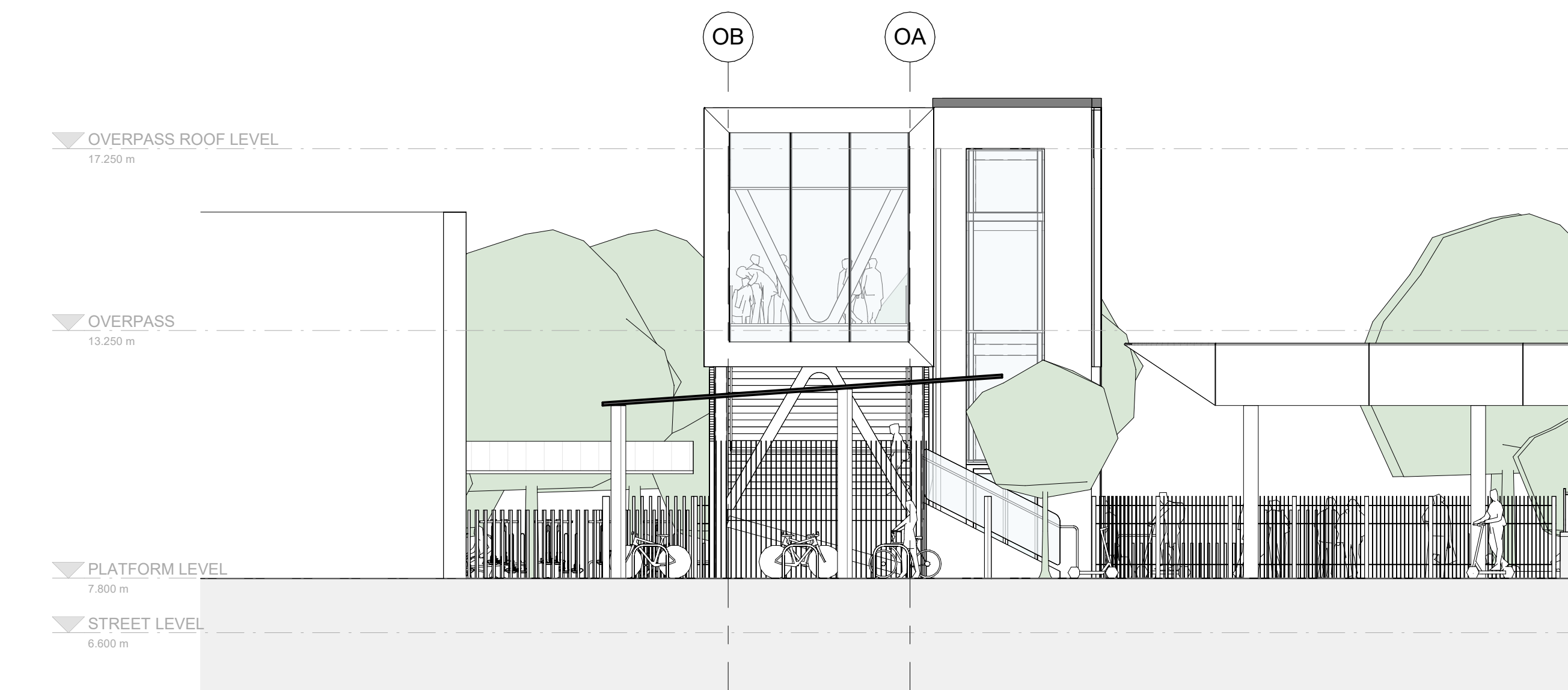
DRAWING NO.
A04 1001**5 LEVEL OVERPASS ROOF - PROPOSED OVERPASS PLAN**
1 : 100**2 LEVEL OVERPASS - PROPOSED OVERPASS PLAN**
1 : 100**3 LEVEL GROUND - PROPOSED OVERPASS PLAN**
1 : 100



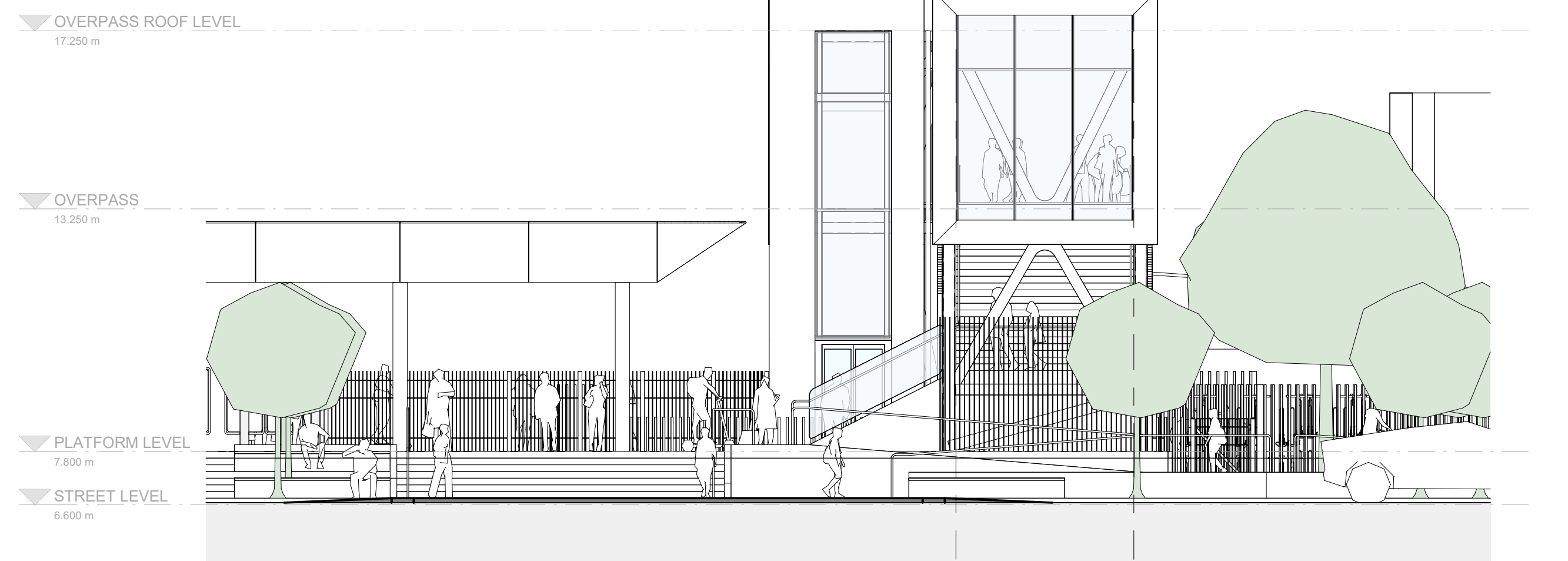
1 OVERPASS_GA NORTH-EAST ELEVATION
1:100



4 OVERPASS_GA SOUTH-WEST ELEVATION
1:100



3 OVERPASS_GA NORTH-WEST ELEVATION
1:100



2 OVERPASS_GA SOUTH-EAST ELEVATION
1:100

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GRIMSHAW
GRIMSHAW ARCHITECTS LLP
T +64 9 888 8700 Level 2/3 Lorne Street,
www.grimshaw.global Auckland CBD, Auckland
1010, New Zealand
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Greater Wellington
CONSULTANTS
Project Management: RCP
Structural Engineers:
Dunning Thornton
Civil/Transport/Service/Sustainability:
Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP
PROJECT NAME
Waterloo Station TOD Reference Design

PROJECT NO.
25044
ADDRESS
Hut Central, Lower Hut
5911, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.16	Supplementary Information
P03	GRM	2025.07.22	Supplementary Information
P04	GRM	2025.07.25	Issue for Coordination
P05	GRM	2025.07.29	Issue for Coordination
P06	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
0 1 2 4
@ 1:100

DRAWING TITLE
OVERPASS - GA ELEVATIONS

SCALE
1:100 @A1
STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

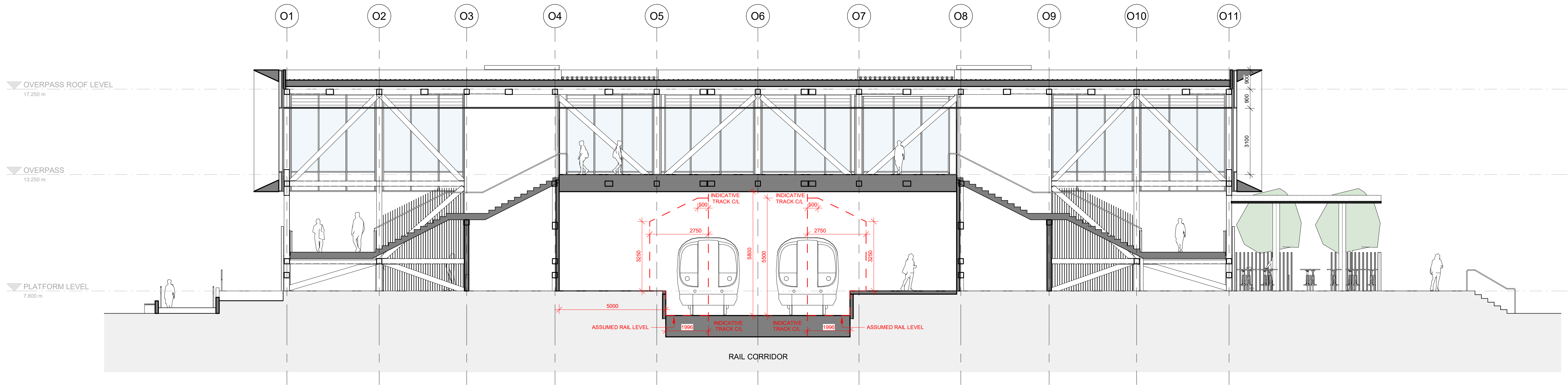
DRAWING NO.
A04 2001

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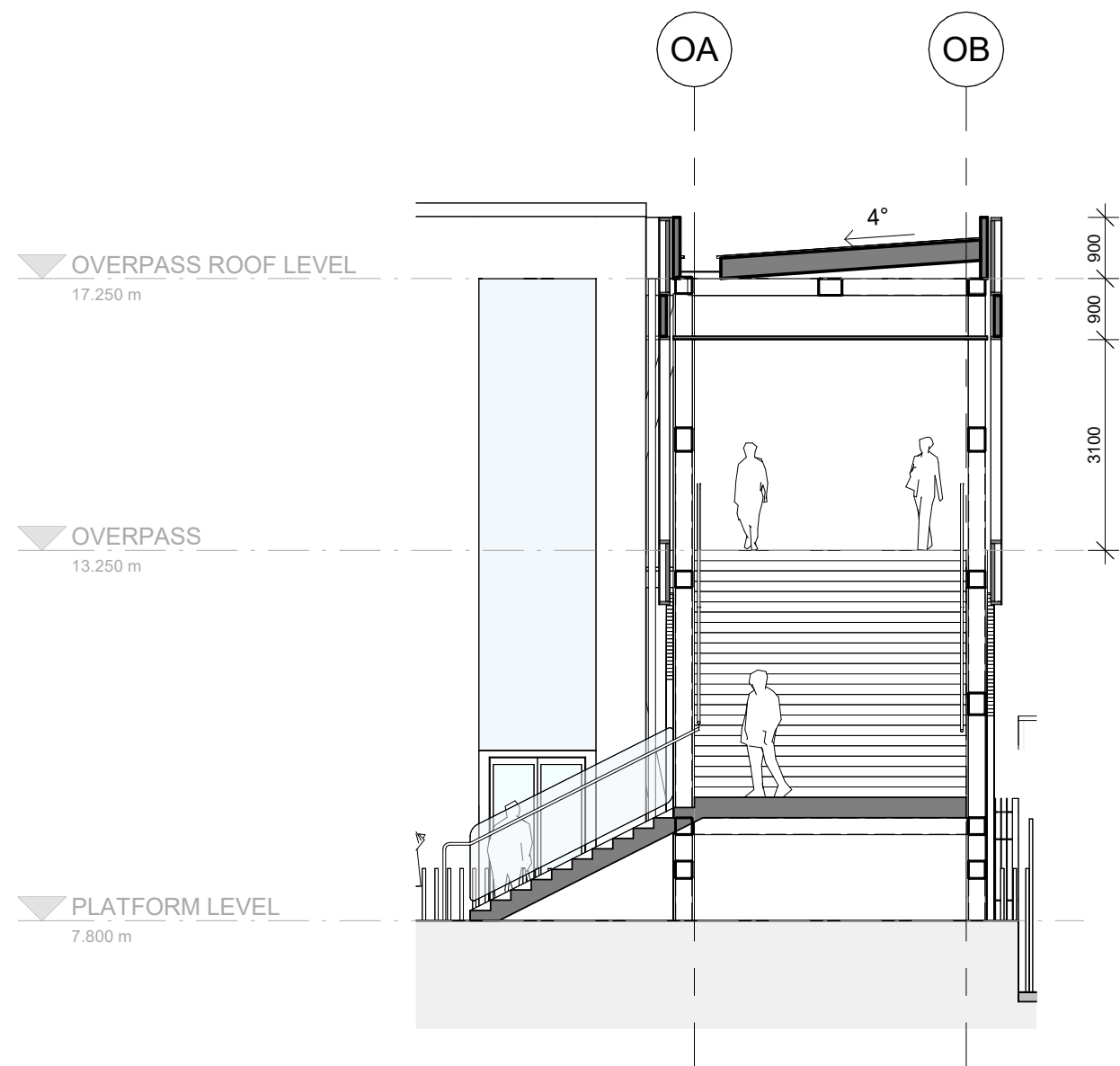
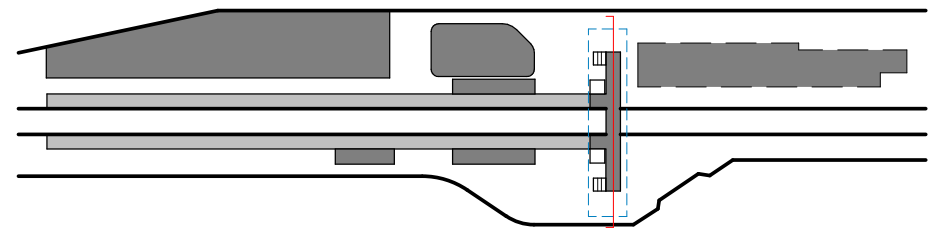
DRAWING NOTICES

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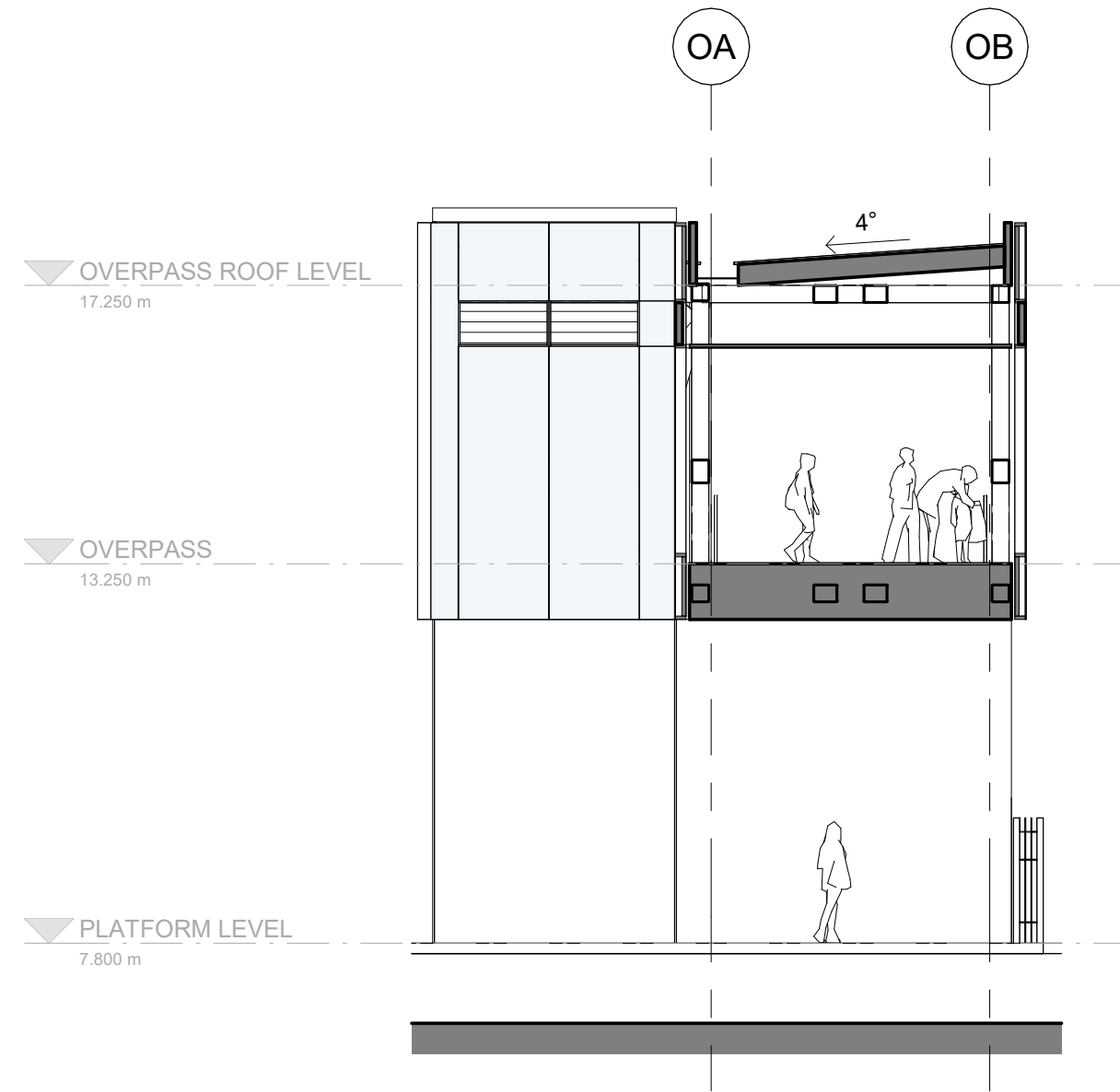
① OVERPASS - GA LONG CROSS SECTION

1:100



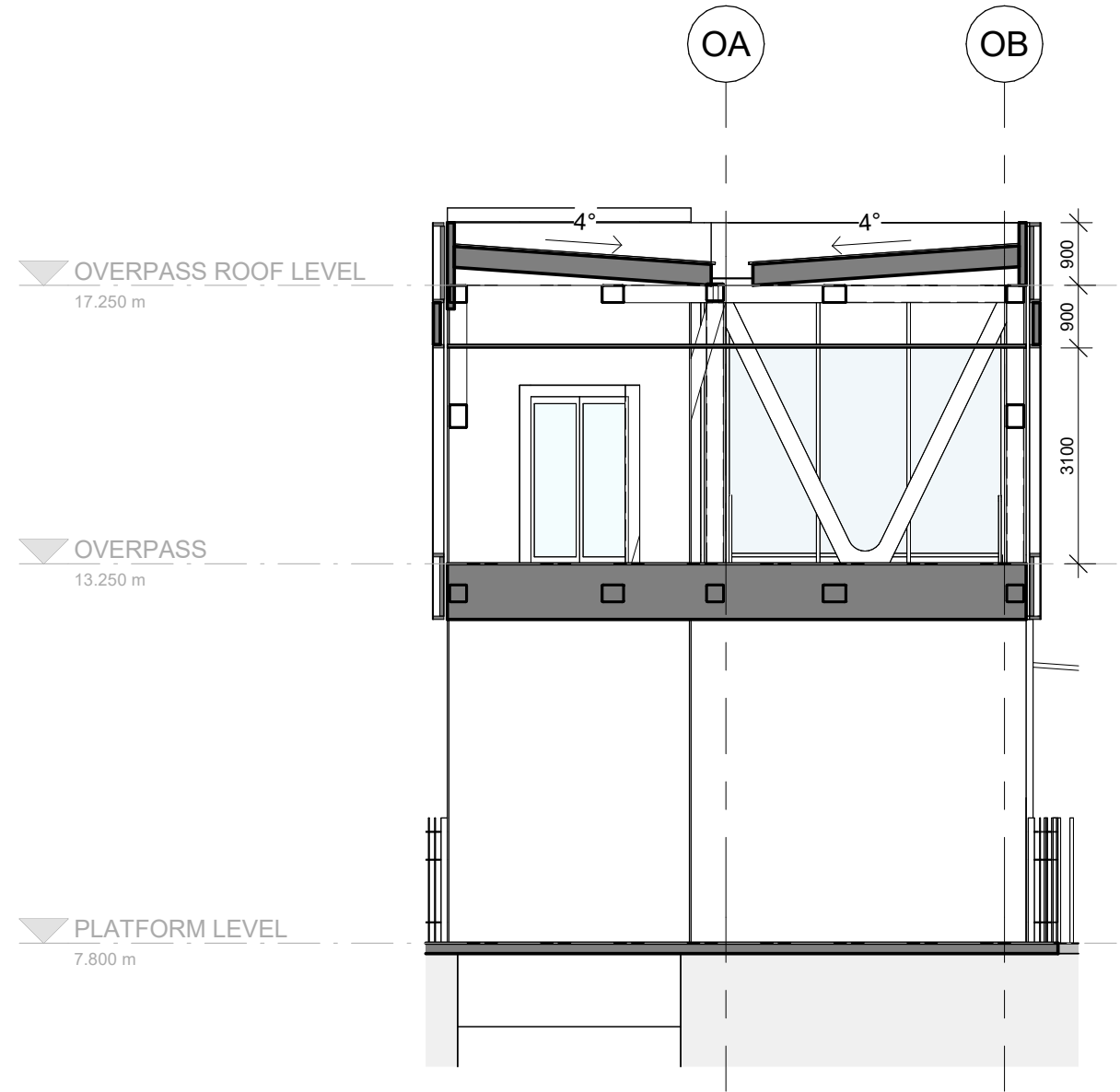
② OVERPASS - GA SHORT CROSS SECTION 01

1:100



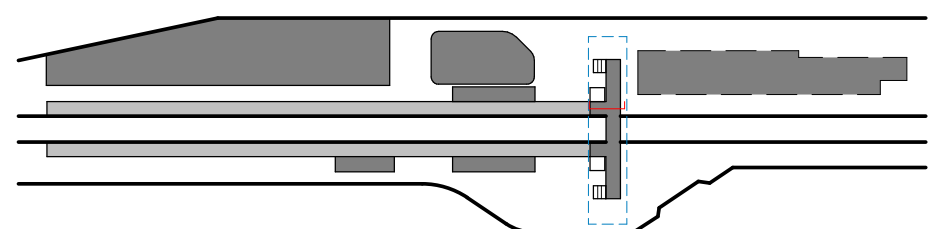
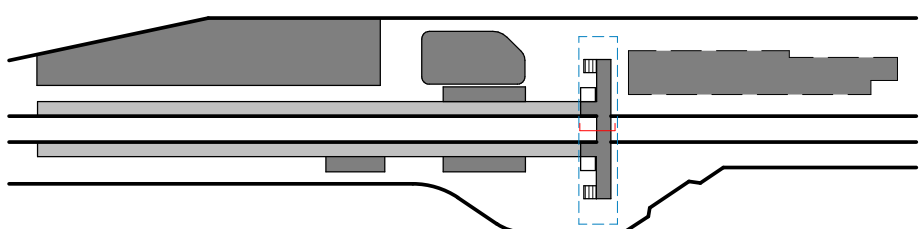
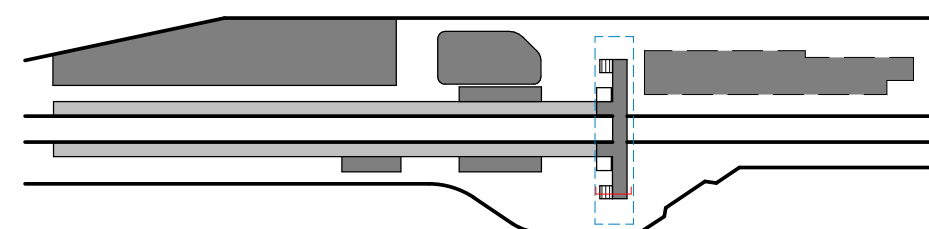
③ OVERPASS - GA SHORT CROSS SECTION 02

1:100



④ OVERPASS - GA SHORT CROSS SECTION 03

1:100



CLIENT

Greater Wellington

CONSULTANTS

Project Management: RCP
Structural Engineers: Dunning Thornton
Civil/Transport/Service/Sustainability: Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP

PROJECT NAME

Waterloo Station TOD Reference Design

PROJECT NO.

25044

ADDRESS

Hutt Central, Lower Hutt
5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.16	Supplementary Information
P03	GRM	2025.07.22	Supplementary Information
P04	GRM	2025.07.25	Issue for Coordination
P05	GRM	2025.07.29	Issue for Coordination
P06	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
@ 1:100

0 1 2 4

DRAWING TITLE

OVERPASS - GA SECTIONS

SCALE

1:100 @A1

STATUS

For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P06

DRAWING NO.

A04 3001



CLG-101
Panelised aluminium
ceiling system,
'champagne riche'



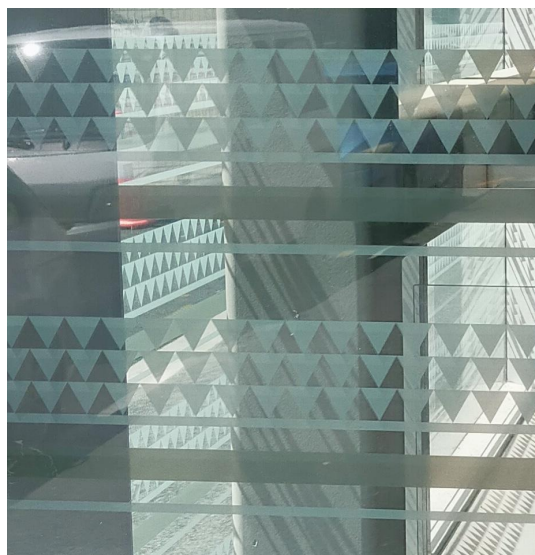
CLG-102
Panelised aluminium
ceiling system, metallic
panels



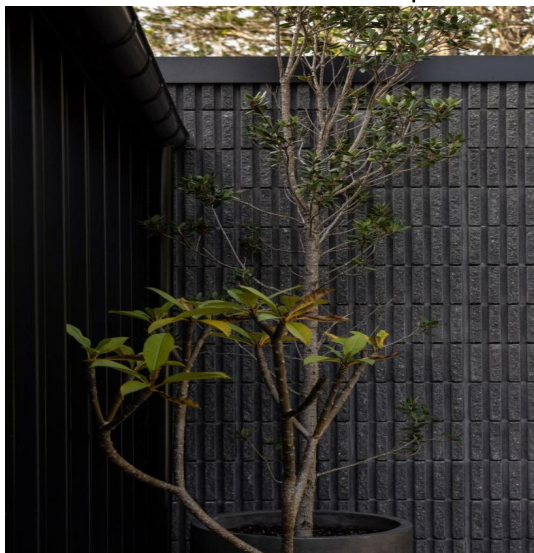
TRM-001
Canopy edge profile



BAL-101
1.8m Platform fencing
and stair balustrades.
Fabricated in steel,
galvanized with Dulux
Monument paint finish or
similar.



EWS-402
Glazing System with
Metlink branded Anti
Graffiti Film



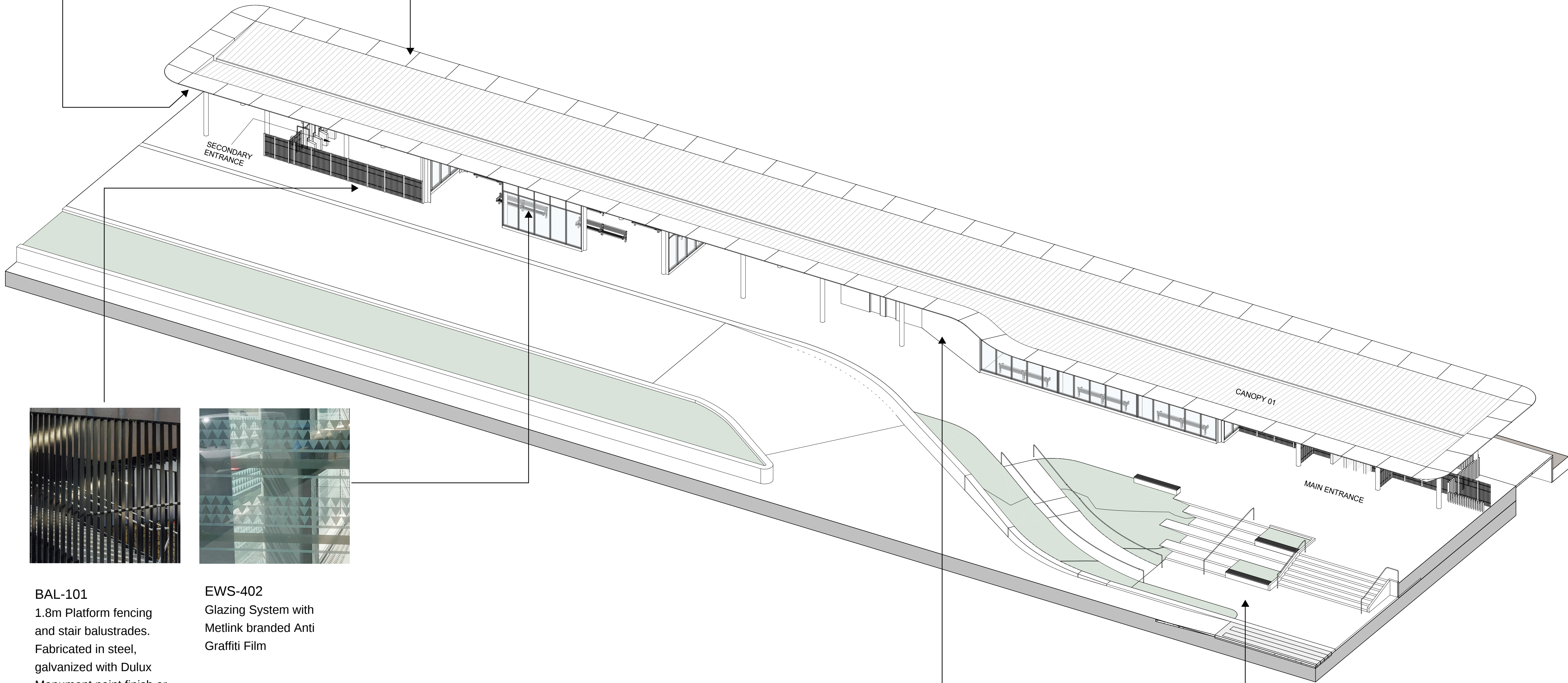
EWS-502
Fluted Brick cladding by
ViBlock.
Charcoal colour



FLR-111
Concrete Surface:
Exposed Aggregate



FLR-112
Concrete Surface: Broom
Finish



ARCHITECT

GRIMSHAW

GRIMSHAW ARCHITECTS LLP

T +64 9 888 8700
www.grimshaw.global

Level 2/3 Lorne Street,
Auckland CBD, Auckland
1010, New Zealand

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Waterloo Station TOD Reference
Design

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ADDRESS

Hutt Central, Lower Hutt
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REV	BY	DATE	DESCRIPTION
P01	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

METRES
@ 1:100

DRAWING TITLE
MATERIALS AND FINISHES KEY -
CANOPIES AND PLATFORM
SCALE
@A1

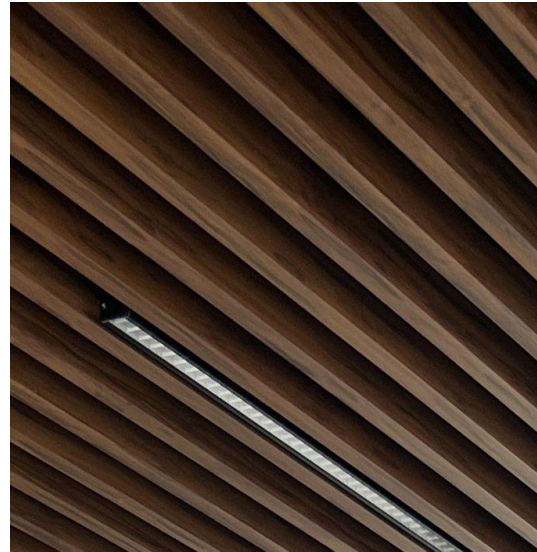
DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P01

DRAWING NO.

A18 1001



EWS-401
Curtain wall glazing
system.



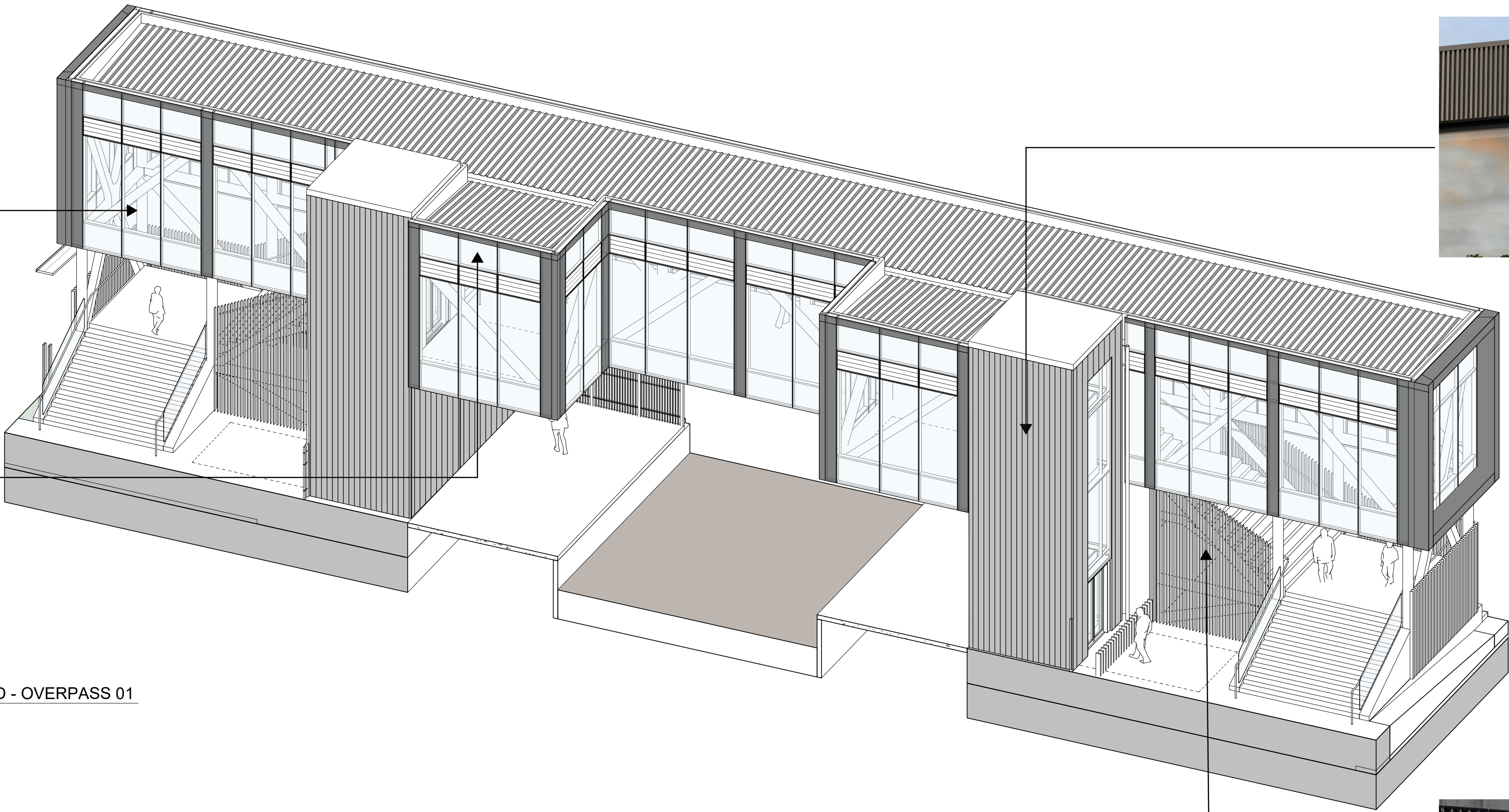
CLG-101
Aluminium batten ceiling
system



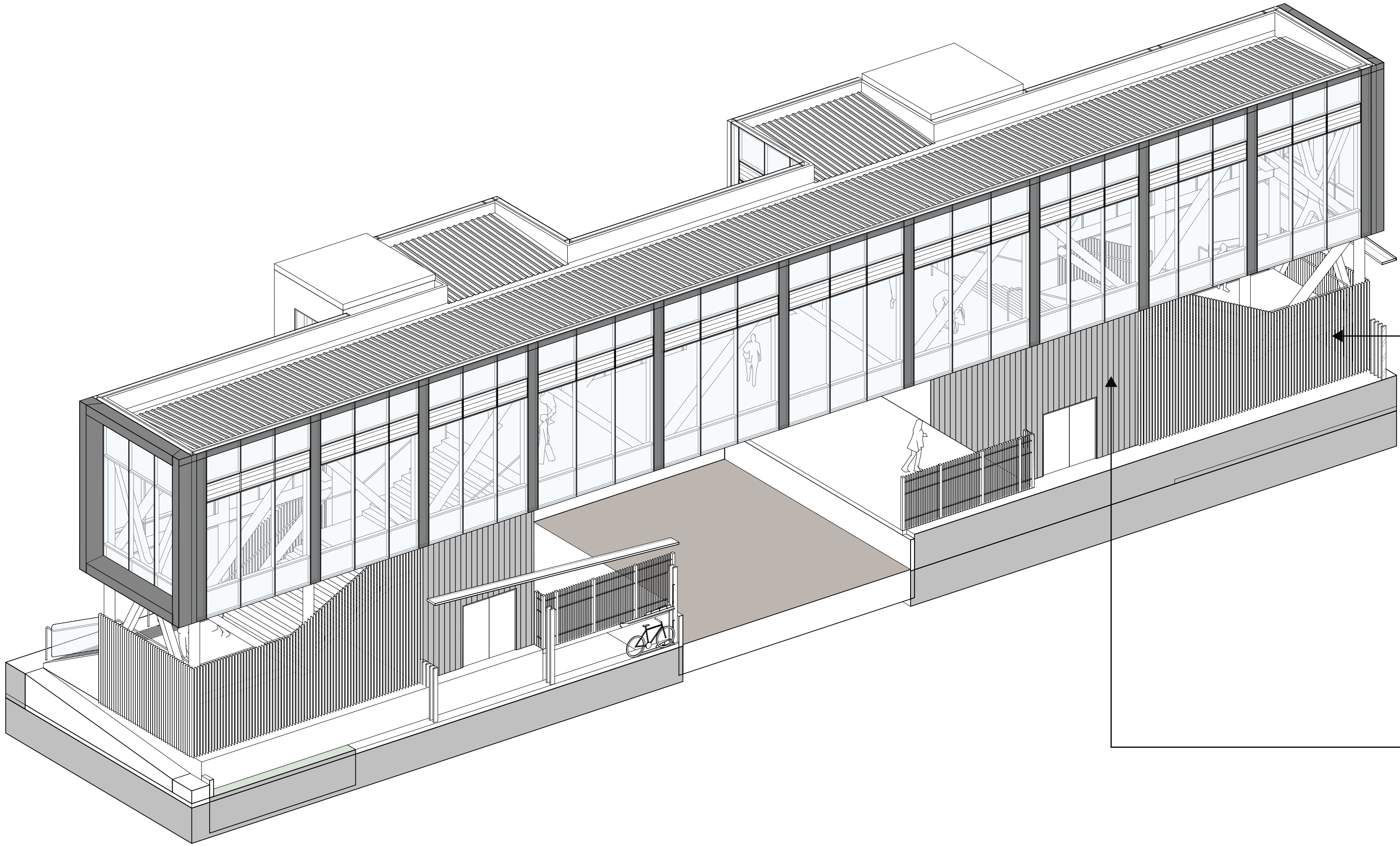
EWS-501
Aluminium cladding
system



BAL-101
1.8m Platform fencing
and stair balustrades.
Fabricated in steel,
galvanized with Dulux
Monument paint finish or
similar.



① 3D - OVERPASS 01



② 3D - OVERPASS 02



EWS-501
Aluminium cladding
system

ARCHITECT

GRIMSHAW

GRIMSHAW ARCHITECTS LLP
T +64 9 888 8700 Level 2/3 Lorne Street,
www.grimshaw.global Auckland CBD, Auckland
1010, New Zealand

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Greater Wellington

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PROJECT NAME
Waterloo Station TOD Reference
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PROJECT NO.
25044 ADDRESS
Hutt Central, Lower Hutt
5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.08.08	Reference Design Drawings

KEY PLAN

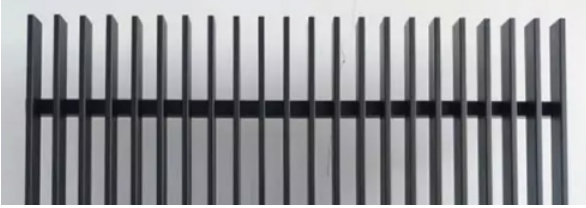
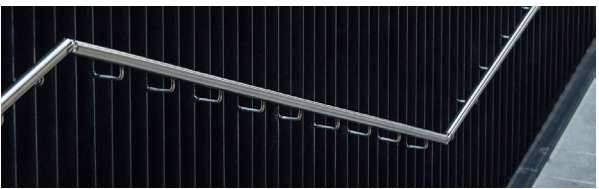
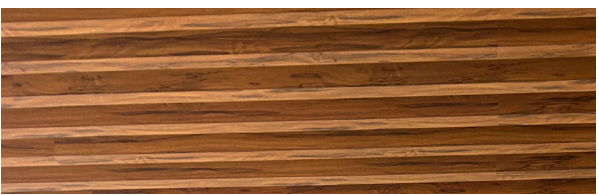
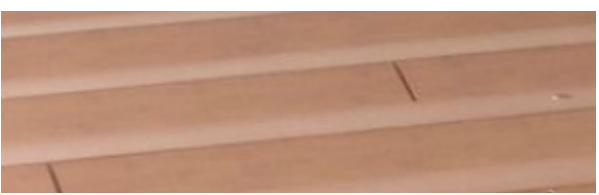
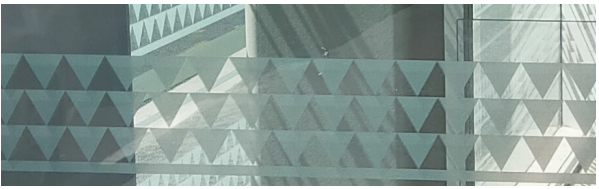
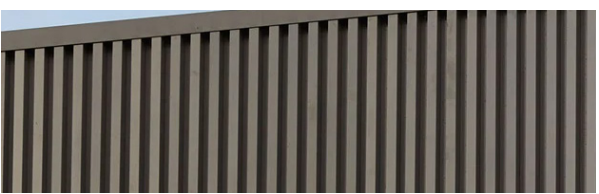
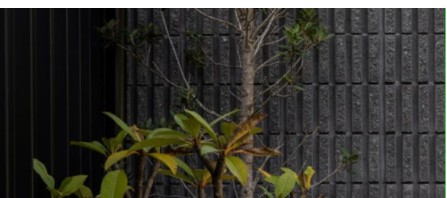
METRES
@ 1:100 0 1 2 4

DRAWING TITLE
MATERIALS AND FINISHES KEY -
OVERPASS

SCALE
@A1 STATUS
For information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.08.08	P01

DRAWING NO.
A18 1002

Code	Name	General Description	Location	Image	Benchmark Supplier
BAL-100	Balustrades and Handrails				
BAL-101	Slatted steel fence	1.8m Platform fencing and stair balustrades. Fabricated in steel, galvanized with Dulux Monument paint finish or similar.	Station security line (Platform fencing), stair balustrades		Metal Fabricator
BAL-102	Stainless steel balustrade	Stainless Steel	Bridge Stairs, forecourt stairs, accessible ramps		Metal Fabricator
CLG-100	Ceilings and Soffits				
CLG-101	Ceiling Battens	Extruded aluminium ceiling battens, 50x100mm, 100mm spacing between battens	Overpass Ceiling		Rokane or Similar
CLG-111	Panelised Aluminium Ceiling - Type 1	Concealed grid suspended aluminium ceiling, panelised Colour: Interpon D2525 Champagne Riche Satin YW277G	Platform Canopy Soffits / Ceilings		Rokane or Similar
CLG-112	Panelised Aluminium Ceiling - Type 2	Concealed grid suspended aluminium ceiling, panelised Colour: Timber sublimation	Platform Canopy Soffits / Ceilings		Rokane or Similar
EWS-400	External Wall System - Glazed Composite Systems				
EWS-401	Unitised Glazed Wall	Structural Glaze Aluminium Joinery system. Double Glazed with low-e glass and Ceramic frit to manage solar gain. Colourback glass to spandrels.	Overpass		APL, Woods or similar
EWS-402	Unitised Glazed Wall	Commercial shop front style glazing system. Single glazed with Laminated toughened glass or similar. Anti scratch film with Metlink Graphics and branding	Waiting Areas		Metroglass, Viridian, Woods Glass
EWS-500	External Wall System - Metal Cladding				
EWS-501	Aluminium Cladding - Monument	Aluminium cladding Vertical Extruded cladding system on cavity. Profiles TBC. Anti graffiti powder coat finish	Lift Tower		Nuwall or similar
EWS-502	Fluted Brick Cladding- Charcoal	Fluted brick cladding over cavity and light framed walls.	Platform WC's, Plant rooms		ViBlock
EWS-600	External Wall System - Metal Screens				
EWS-601	Perforated Metal Panels	Perforated aluminium panels set into glazing system. Powdercoat finish to match surrounding.	Ventilation panels to Waiting areas, covering Overpass Louvre Grilles.		Metal fabricator Supplied
FLR-100	Flooring				
FLR-101	Asphalt	Pedestrian grade asphalt flooring Asphalt depth: 20mm minimum (40mm around tactile areas)	New pavements outside station boundary.		Civil Contractor
FLR-111	Concrete Surface Option: Exposed Aggregate	Concrete paving 300x600mm, recycled aggregate, grey tone 1 Or : Exposed aggregate laid concrete paving with oxide in mix	Platforms, Forecourt, Steps and landscaped areas		Civil Contractor
FLR-112	Concrete Surface Option: Broom Finish	Concrete paving 300x600mm, recycled aggregate, grey tone 2 Or : Broom finish laid concrete paving with oxide in mix	Platforms, Forecourt, Steps and landscaped areas		Civil Contractor

CLIENT
Greater Wellington

CONSULTANTS
Project Management: RCP
Structural Engineers: Dunning Thornton
Civil/Transport/Service/Sustainability: Aurecon
Landscape/Urban: Boffamiskell
Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP

PROJECT NAME
Waterloo Station TOD Reference Design

PROJECT NO.
25044

ADDRESS
Hutt Central, Lower Hutt
5011, New Zealand

REVBYDATEDESCRIPTION
P01GRM2025.08.08Reference Design Drawings

KEY PLAN

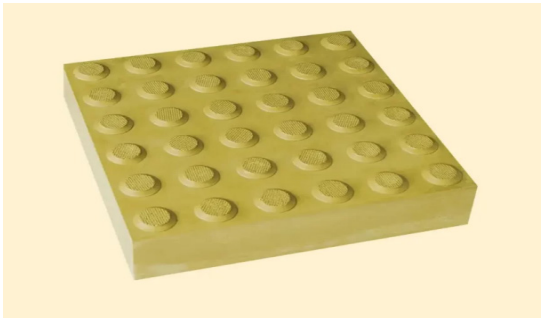
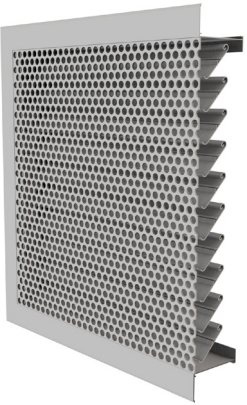
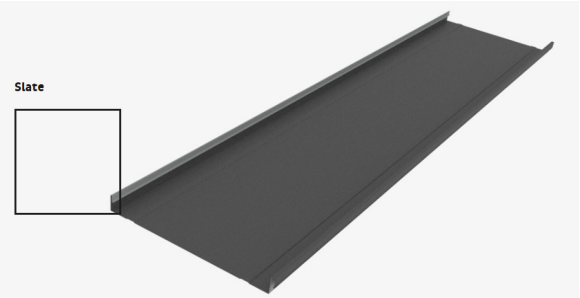
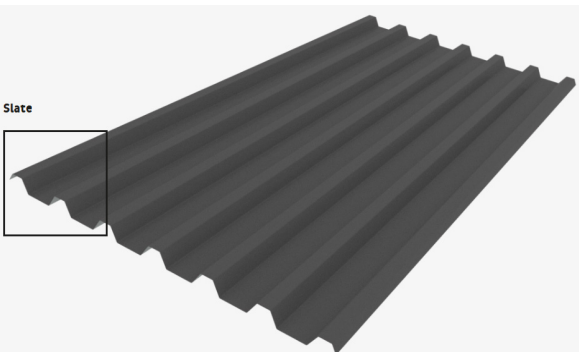
METRES
@ 1:100

DRAWING TITLE
MATERIALS AND FINISHES
SCHEDULE 01
SCALE
@A1

STATUS
For Information

DRWCHAPPRDRW DATEREV
MCBPMH2025.08.08P01

DRAWING NO.
A18 1003

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DRAWING NOTICES					
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FLR-121	Precast coping edge	Supplied by KiwiRail or similar			
	Tactile Pavers	Tactile Pavers to platform edges, stair landings and along accessible routes	Platforms, Stairs, Accessible ramps		Freedom Strategies or Simialr
LVR-100	Louvres				
LVR-101	Aluminium Louvre	Storm Resistant Horizontal Fixed Aluminium Mechanical Louvre's Exterior face to have perforated Aluminium Screen.	Integrated into overpass glazing system.		Construction Specialities or Similar
PFS-100	Paint Finish				
PFS-101	Monument	Dulux Monument	Steel structures, security fencing, balustrades		Dulux or colour matched with specified paint system
TRM-100	Trim				
TRM-111	Extruded Leading Canopy Edge Profile	Fabricated aluminium profile for canopies	Canopies		Metal Fabricator
RFS-100	Roofs				
RFS-101	Profiled aluminium roof deck	Dimond Heritage Tray ColorCote Magnaflow	Canopies		Dimond
RFS-102	Profiled Prefinished Steel Roofing	Brownbuilt 900 [BB900] ColorCote Magnaflow	Overpass		Dimond
KEY PLAN					
METRES @ 1:100					
DRAWING TITLE					
MATERIALS AND FINISHES					
SCHEDULE 02					
SCALE					
@A1					
STATUS					
For information					
DRW	CH	APPR	DRW DATE	REV	
MC	BP	MH	2025.08.08	P01	
DRAWING NO.					
A18 1004					



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CLIENT
Greater Wellington

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Quantity Surveyor: RLB
Geotech: Tonkin Taylor
Fire Engineers: WSP

PROJECT NAME
Waterloo Station TOD Reference Design

PROJECT NO.
25044
ADDRESS
Hut Central, Lower Hutt
5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.16	Supplementary Information

KEY PLAN

NORTH
1

DRAWING TITLE
LEVEL ROOF - EXISTING CONTEXT PLAN
SCALE
1 : 1000 @A1
STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.07.18	P02

DRAWING NO.
A01 1001

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REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.15	Issue for Information
P02	GRM	2025.07.18	Supplementary Information

KEY PLAN

NORTH

METRES
@ 1:100

DRAWING TITLE

LEVEL GROUND - EXISTING SITE
PLAN

SCALE

1 : 500 @A1

STATUS

For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.07.18	P02

DRAWING NO.

A01 1002

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Hutt Central, Lower Hutt
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REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.22	Supplementary Information

KEY PLAN

NORTH

METRES
@ 1:100

DRAWING TITLE

LEVEL ROOF - EXISTING SITE PLAN

SCALE

1 : 500 @A1

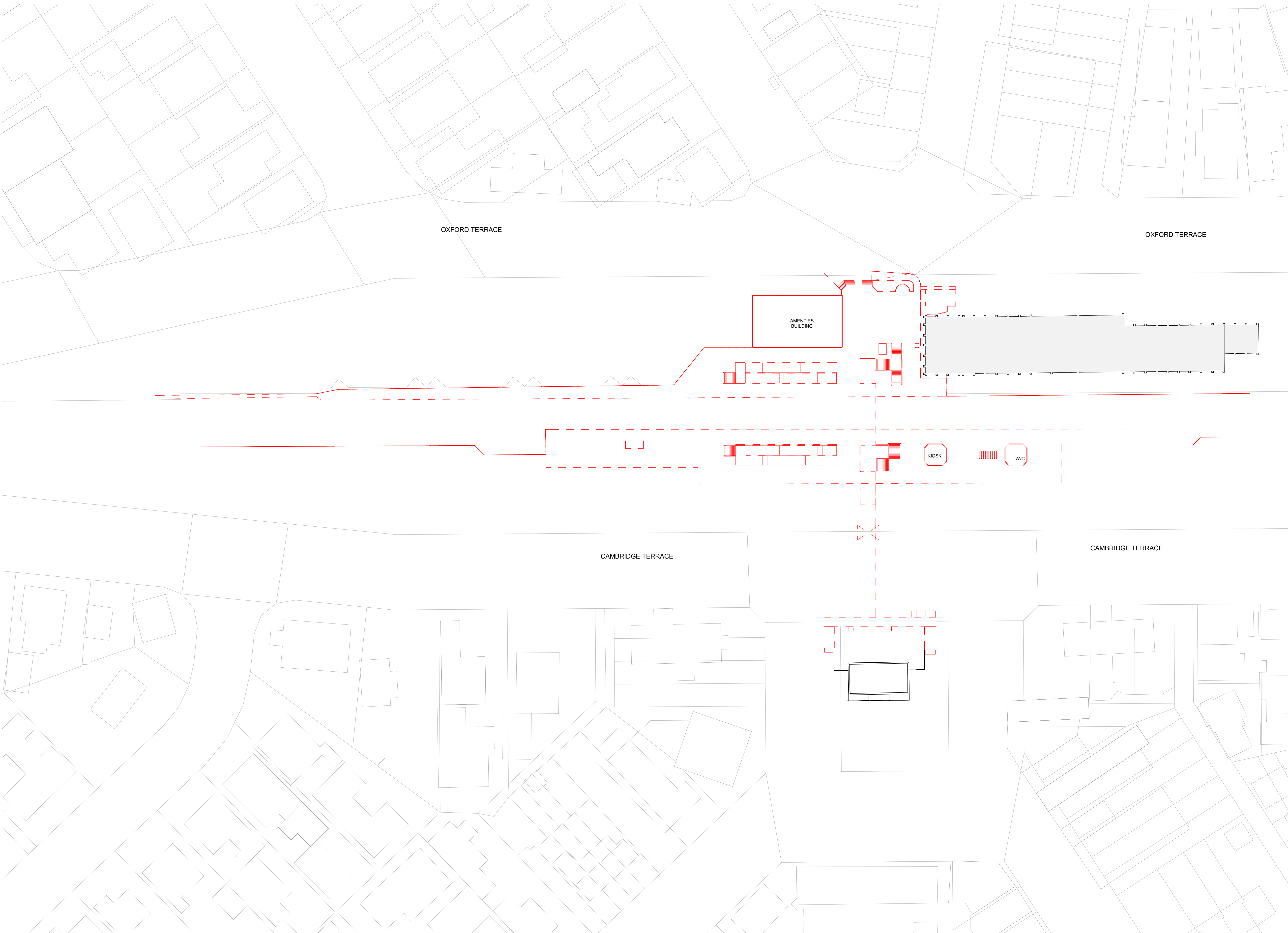
STATUS

For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.07.22	P01

DRAWING NO.

A01 1003



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5011, New Zealand

REV	BY	DATE	DESCRIPTION
P01	GRM	2025.07.22	Supplementary Information

KEY PLAN

NORTH

METRES
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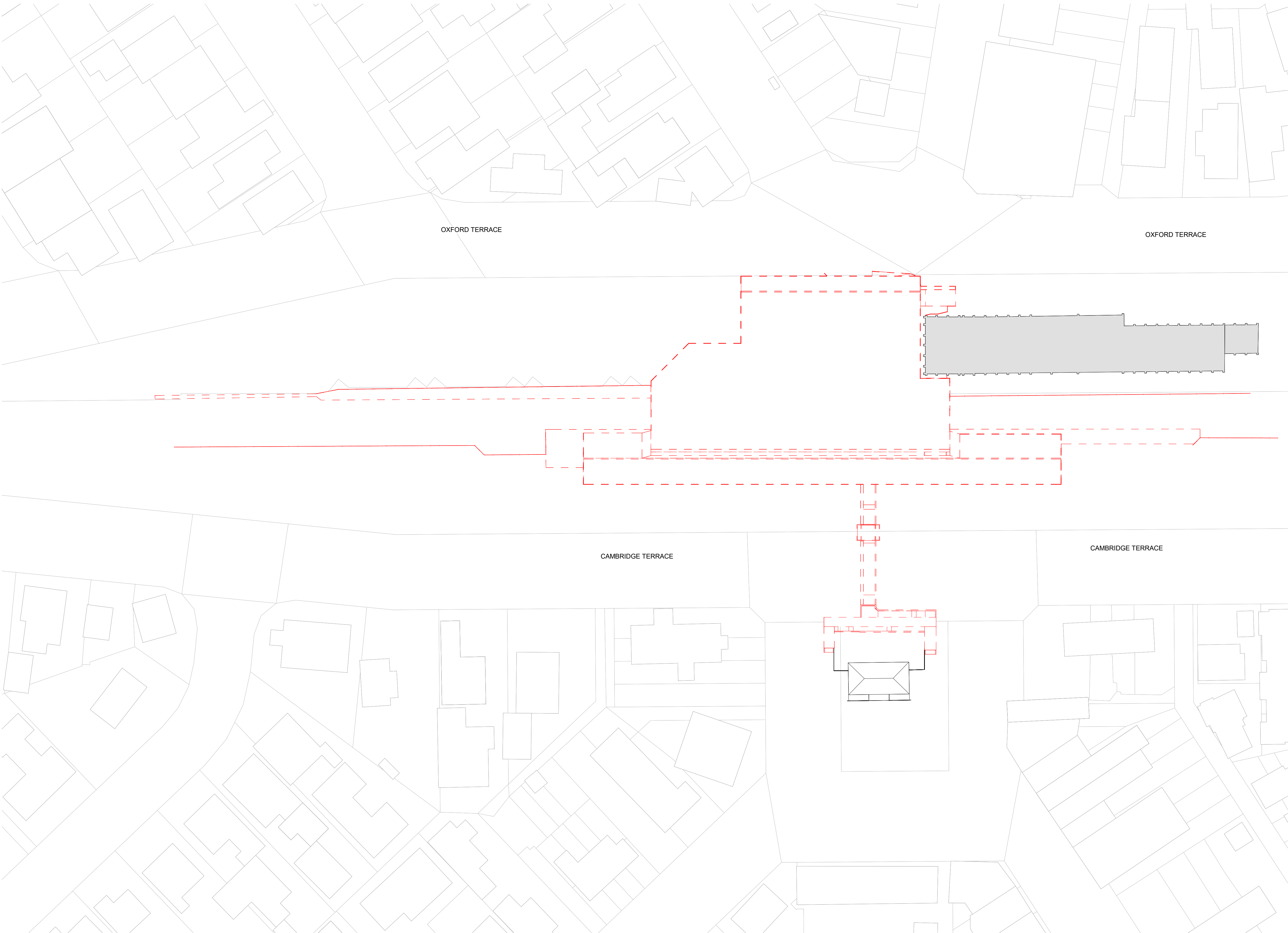
DRAWING TITLE
LEVEL GROUND - DEMO SITE PLAN

SCALE
1 : 500 @A1

STATUS
For Information

DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.07.22	P01

DRAWING NO.
A01 2004



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DRAWING TITLE
LEVEL ROOF - DEMO SITE PLAN

SCALE
1 : 500 @A1

STATUS
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DRW	CH	APPR	DRW DATE	REV
MC	BP	MH	2025.07.22	P01

DRAWING NO.
A01 2005