# VICTORIA CROSS

# OVER STATION DEVELOPMENT

## Public Domain
## Detailed SSDA Report

JULY 2019

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**PREPARED BY ASPECT STUDIOS, SYDNEY**

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| Revision | C |
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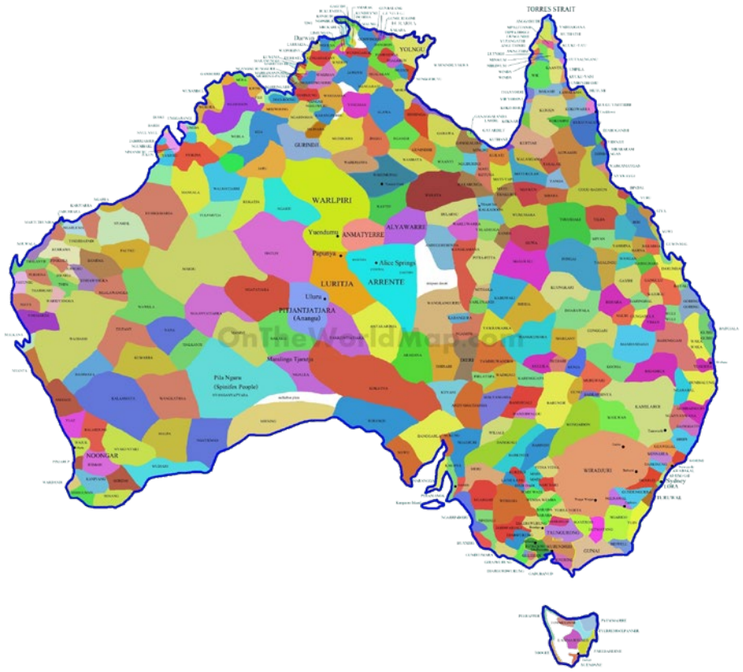



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ASPECT Studios acknowledges the traditional owners of the land we work on and travel through. We pay our respects to elders past and present.

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# EXECUTIVE SUMMARY

## INTRODUCTION

This report has been prepared to accompany a detailed State Significant Development (SSD) development application (DA) for a commercial mixed-use Over Station Development (OSD) above the new Sydney Metro Victoria Cross Station. The detailed SSD DA is consistent with the Concept Approval (SSD 17_8874) granted for the maximum building envelope on the site, as proposed to be modified.

The Minister for Planning, or their delegate, is the consent authority for the SSD DA and this application is lodged with the NSW Department of Planning, Industry and Environment (NSW DPIE) for assessment.

This report has been prepared in response to the requirements contained within the Secretary's Environmental Assessment Requirements (SEARs) dated 6 May 2019. Specifically, this report has been prepared to respond to the following SEARs:

- Landscape drawings (to a usable scale at A3) and landscape design statement

This report has also been prepared in response to the conditions of consent for the State Significant Development (SSD 8874) for the OSD. The detailed SSD DA seeks development consent for:

- Construction of a new commercial office tower with a maximum building height of RL 230 or 168 metres (approximately 42 storeys).
- The commercial tower includes a maximum GFA of approximately 61,500 sqm, excluding floor space approved in the CSSI
- Integration with the approved CSSI proposal including though not limited to:
  - Structures, mechanical and electronic systems, and services; and
  - Vertical transfers;

Use of spaces within the CSSI 'metro box' building envelope for the purposes of:

  - Retail tenancies;
  - Commercial office lobbies and space;
  - 161 car parking spaces within the basement for the purposes of the commercial office and retail use;
  - End of trip facilities; and
  - Loading and services access.
- Utilities and services provision.
- Signage locations (building identification signs).
- Stratum subdivision (staged).

## THE SITE

The site is generally described as 155-167 Miller Street, 181 Miller Street, 187-189 Miller Street, and part of 65 Berry Street, North Sydney (the site). The site occupies various addresses/allotments and is legally described as follows:

155-167 Miller Street (SP 35644) (which incorporates lots 40 and 41 of Strata Plan 81092 and lots 37, 38 and 39 of Strata Plan 79612)

- 181 Miller Street (Lot 15/DP 69345, Lot 1 & 2/DP 123056, Lot 10/DP 70667)
- 187 Miller Street (Lot A/DP 160018)
- 189 Miller Street (Lot 1/DP 633088)
- Formerly part 65 Berry Street (Lot 1/DP 1230458)

Figure 01– Site Aerial

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# STRATEGIC CONTEXT

## SYDNEY METRO DESCRIPTION

Sydney Metro is Australia's biggest public transport project. Services started In May 2019 in the city's North West with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown in 2024. There will be new metro railway stations underground at Crows Nest, Victoria Cross, Barangaroo, Martin Plan, Pitt Street, Waterloo and new metro platforms under Central.

In 2024, Sydney will have 31 metro railway stations and a 66km standalone metro railway system – the biggest urban rail project in Australian history. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre. The Sydney Metro Project is illustrated in the Figure below.

On 9 January 2017, the Minister for Planning approved The Sydney Metro City & Southwest - Chatswood to Sydenham project as a Critical State Significant Infrastructure project (reference SSI 15_7400) (CSSI Approval). The terms of the CSSI Approval includes all works required to construct the Sydney Metro Victoria Cross Station, including the demolition of existing buildings and structures on both sites. The CSSI Approval also includes construction of below and above ground works within the metro station structure for appropriate integration with the OSD.

With regards to CSSI related works, any changes to the "metro box envelope" and public domain will be pursued in satisfaction of the CSSI conditions of approval and do not form part of the scope of the Detailed SSD DA for the OSD.

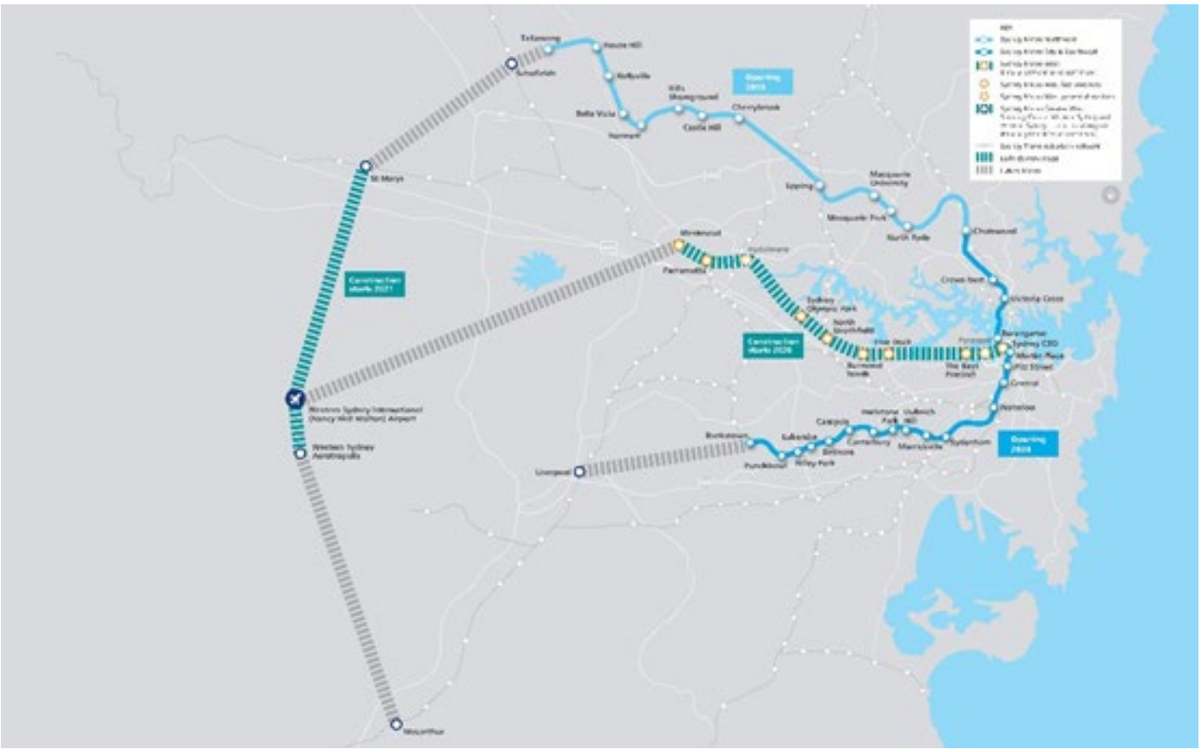

Figure 02– Sydney Metro Alignment Map
Source: Sydney Metro

## NORTH SYDNEY PUBLIC SPACES VISION

The Metro rail project is set to further transform North Sydney. When operational in 2024, it will connect North Sydney to major employment centres at Barangaroo and Norwest Business Park, and provide quicker connections to the Sydney CBD, Macquarie Park and Macquarie University.

On the ground, the project is anticipated to revitalise the centre, increasing the number of workers and visitors, activating key connections between Miller St and Denison St, and catalysing urban renewal projects.

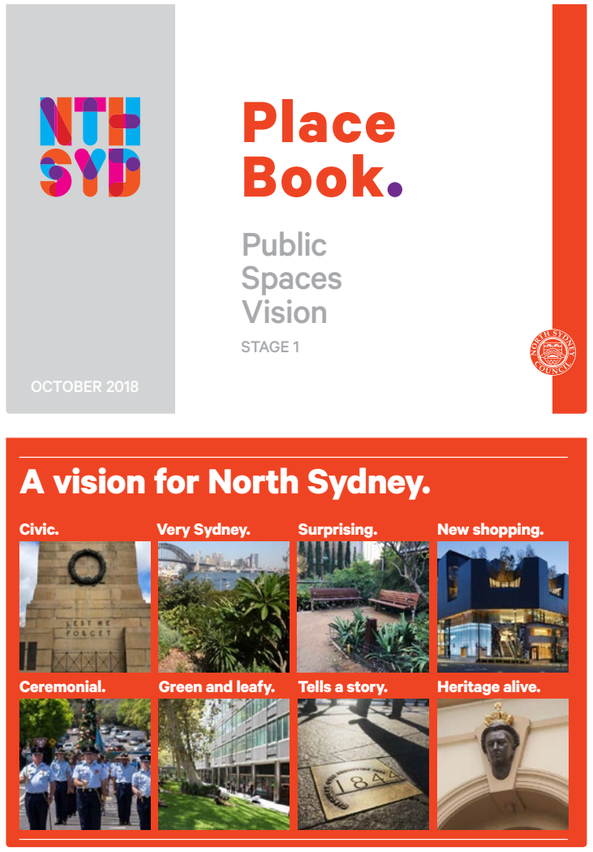


Figure 03 – Extract from North Sydney Public Domain Vision

1. Victoria Cross Metro Station
2. 1 Denison Street - Winton
3. Mount Street North Sydney - North Sydney City Council
4. North Sydney City Council Public Domain Strategy
5. North Point
6. 105 Miller Street
7. Ward Street Development

Figure 04– Neighbouring sites undergoing revitalization

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# PROJECT VISION

## TNSW - SYDNEY METRO VISION

The Sydney Metro Delivery Office's mission is to deliver a world class, connected metro, which will provide more choice to customers and opportunities for our communities now and in the future.

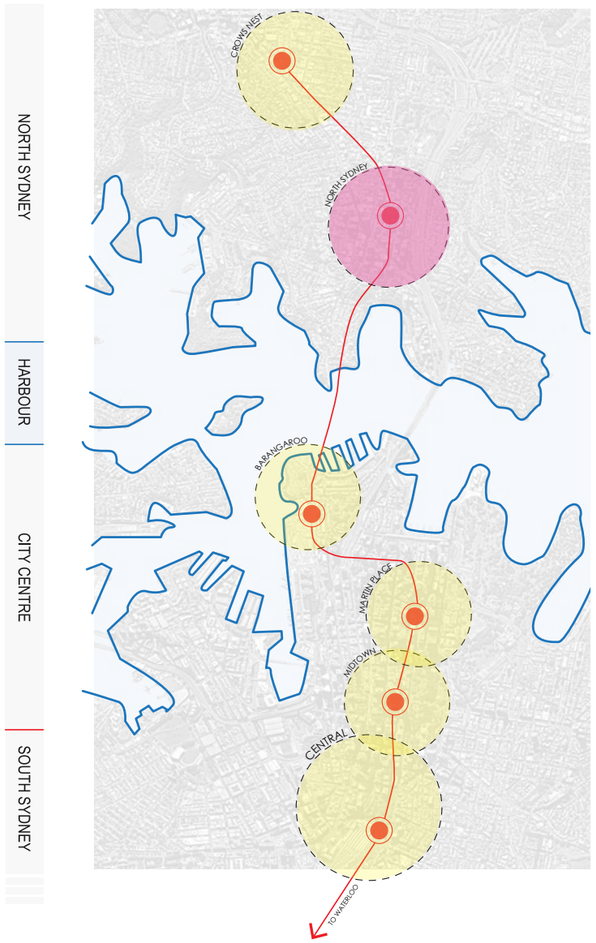


Figure 05– Proposed Sydney Metro Stations

## URBAN DESIGN VISION

The Sydney Metro Over Station Development provides a catalyst for significant upgrades and activation to the public domain and streetscapes in the North Sydney CBD. It is a unique opportunity to contribute to the revitalization of the centre by providing high quality public domain that is vibrant, safe, interesting and socially engaging.

Through upgrading and strengthening pedestrian and commuter connectivity, and improving public amenity, it will increase the attraction of North Sydney CBD as a place to work, study and visit. It will be a people centered place that is civic in character and continues the attractive green leafiness that is typical of the neighbourhood. Featuring public seating, street trees, and outdoor dining it will provide a place to eat, gather, meet and relax – becoming the new social heart of North Sydney.

North Sydney's new social heart will become a **green**, **active** and **buzzing** destination for people to enjoy and spend time in.

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# URBAN DESIGN OBJECTIVES & PRINCIPLES

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Metro City & Southwest Design Objectives: | **1. Ensuring an easy customer experience** | | | **2.Being part of a fully integrated transport system** | **3.Being a catalyst for positive change.** | **4.Being responsive to distinct contexts and communities** | **5.Delivering an enduring and sustainable legacy for Sydney** |
| Urban Design Objectives: | Safety | Customer Centric | Accessible | Connected | Activated | Diverse | Identity / Place |
| The design of the public domain is based on the following principles: | **Create safe, intuitive and uncluttered public realms with regard to crime prevention and public safety (CPTED) principles.** | **Provide a welcoming and enjoyable arrival and exit experience to all users** | **Provide equitable, direct and legible access for all users from inter-modal transport into and throughout the public domain.** | **Enhance and consolidate existing circulation routes throughout the station precinct and surrounding civic nodes** | **Create attractive and vibrant urban plazas and streetscapes to be inhabited day and night** | **Provide a range of spaces from open to the intimate to cater for community events and overlays** | **Create high-quality, benchmark precincts with a strong sense of place for a lasting contribution to local and city life** |

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# PRECINCT PLAN

The Victoria Cross over station development comprises two sites in North Sydney. The project site for the southern Metro entry is located on the corner of Miller and Berry Streets. The northern Metro entry building is located two blocks to the north, on the corner of Miller and Mclaren Streets

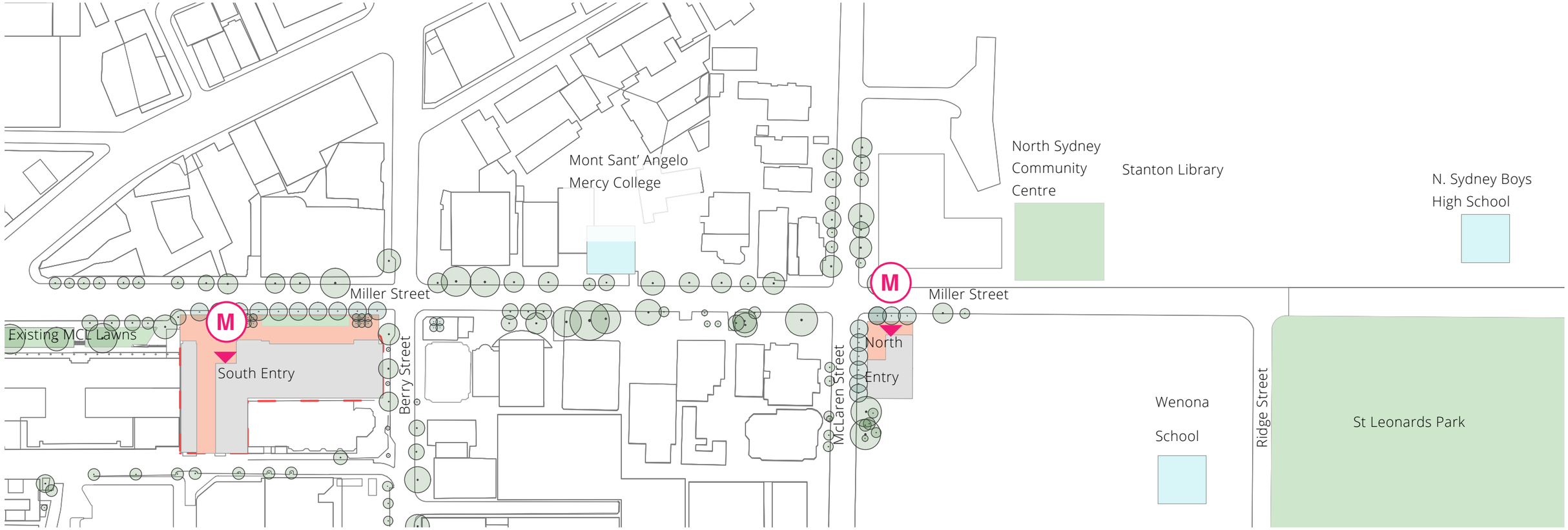
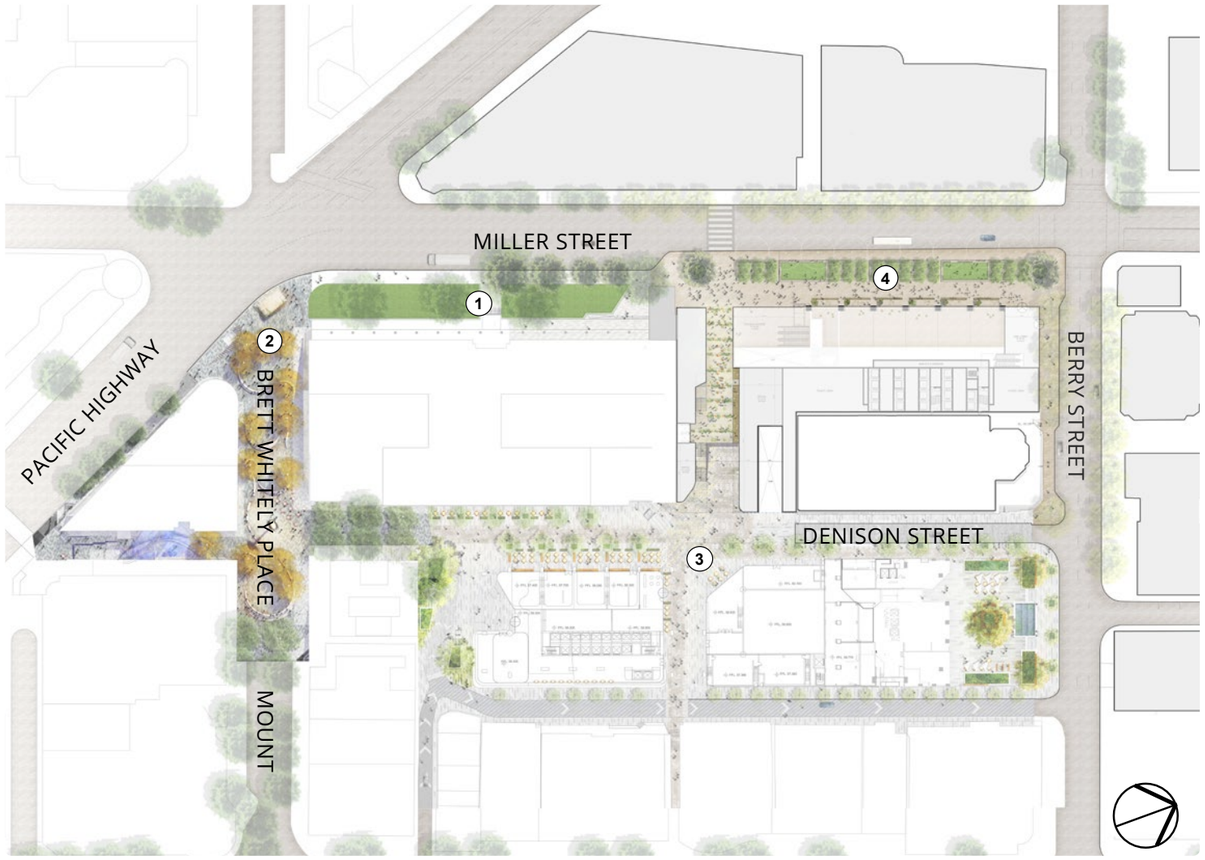
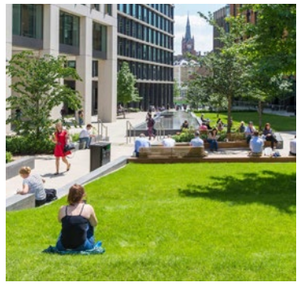



Figure 06 – Site context and location

# PROJECT SITE

## PUBLIC REALM CONTEXT



1 MLC Lawns

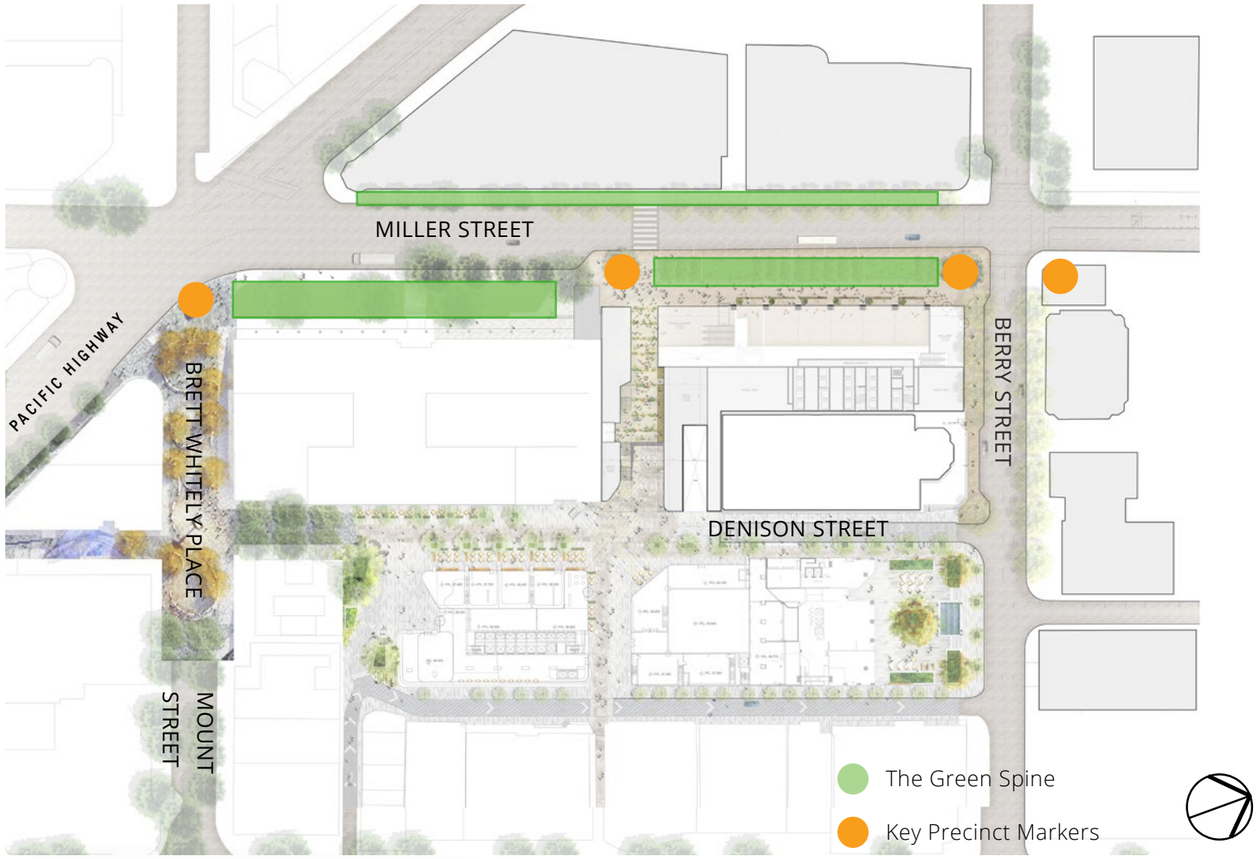
2 Brett Whitely Place

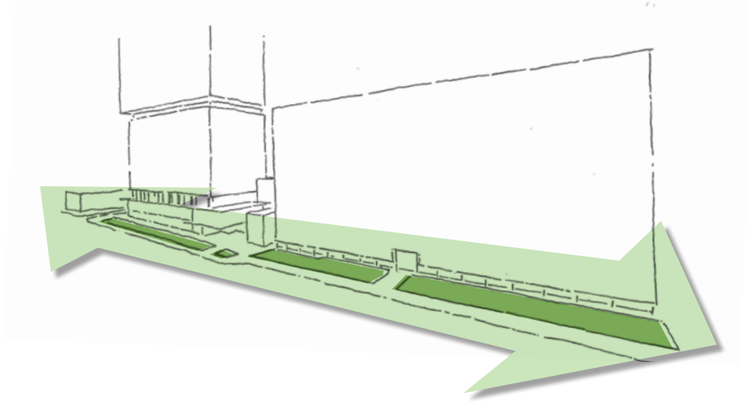
3 1 Denison Street

4 Brett Whitely Place

* The podium design being part of the CSSI "metro box" area is provided for information only and is subject to separate approval

## THE CIVIC AND GREEN SPINE



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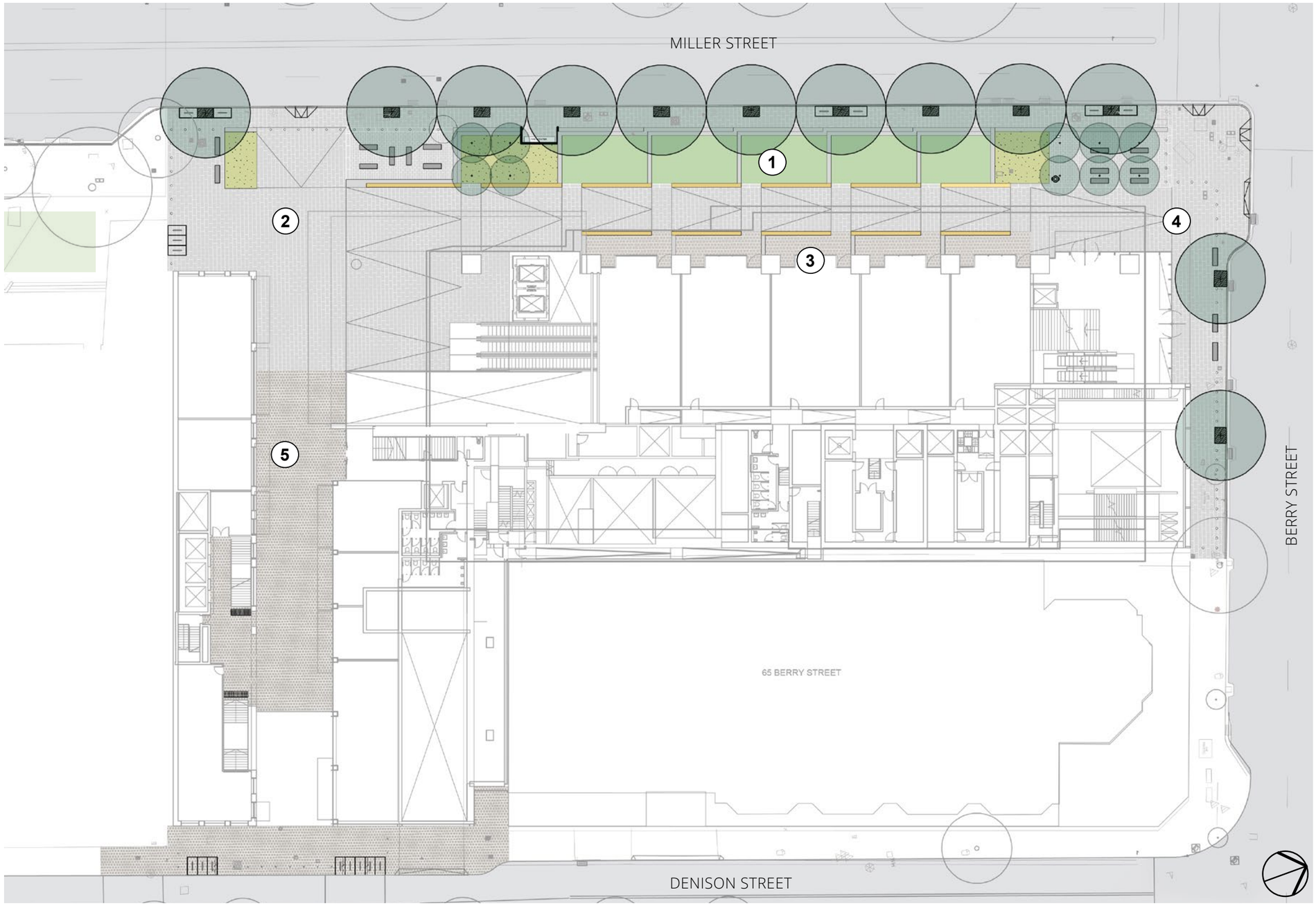
# CONCEPT PLAN




1. Miller Street 'Green Spine'
2. Metro Forecourt
3. Miller Street Retail
4. OSD Forecourt
5. Through Site Link

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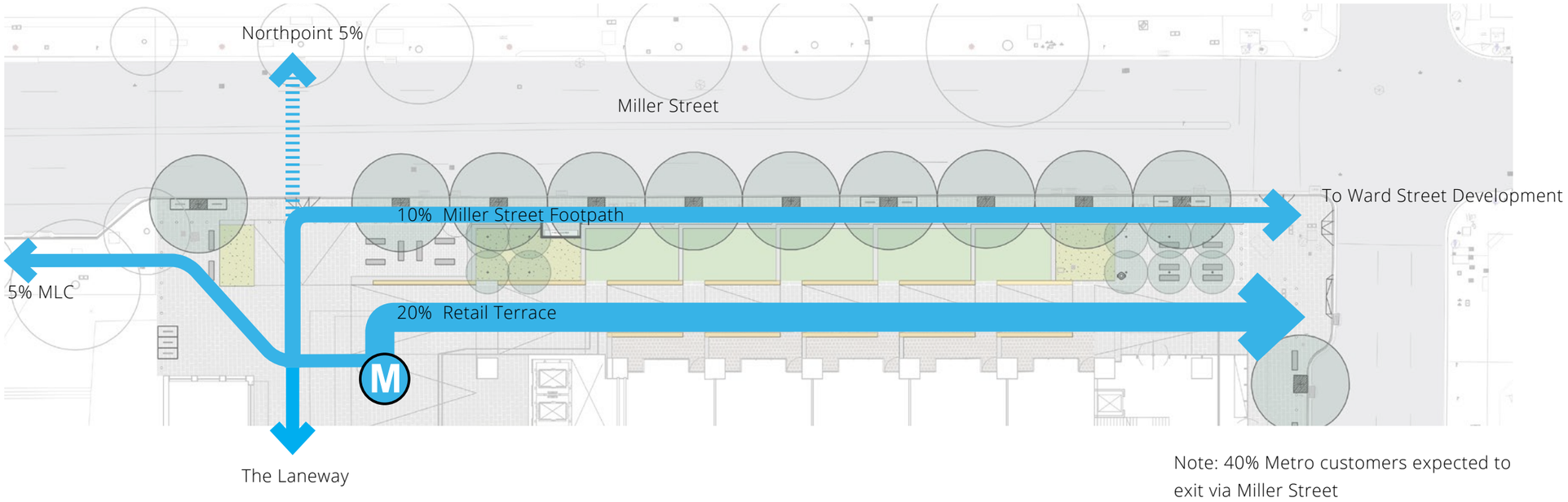
# CIRCULATION AND PEDESTRIAN FLOWS

Large numbers of people will use the new southern Metro entry, particularly those working in or visiting North Sydney. It is expected that they will disperse across the various movement routes opened up as part of the project works. A large percentage are anticipated to use the pedestrian corridor in front of the retail terraces, lending to the lively atmosphere that this area is expected to have.



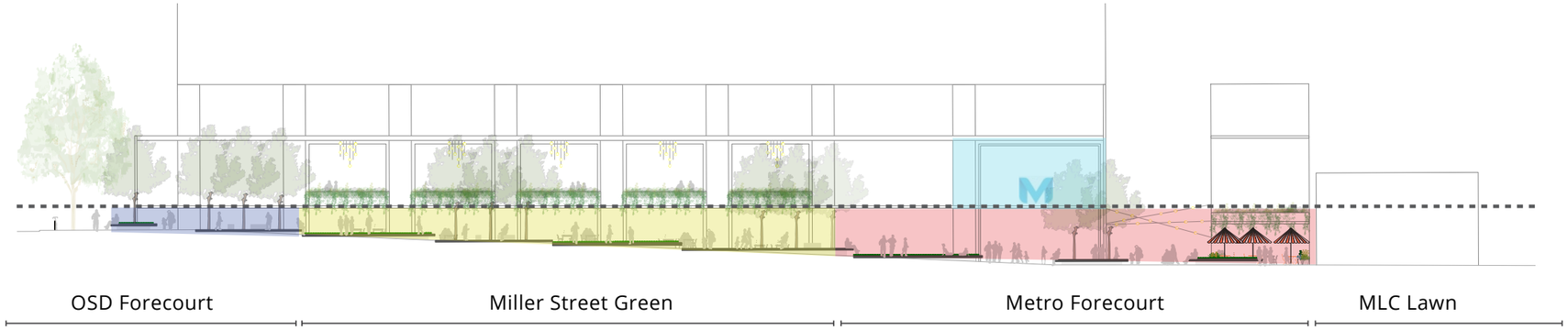

Proposed future pedestrian crossing

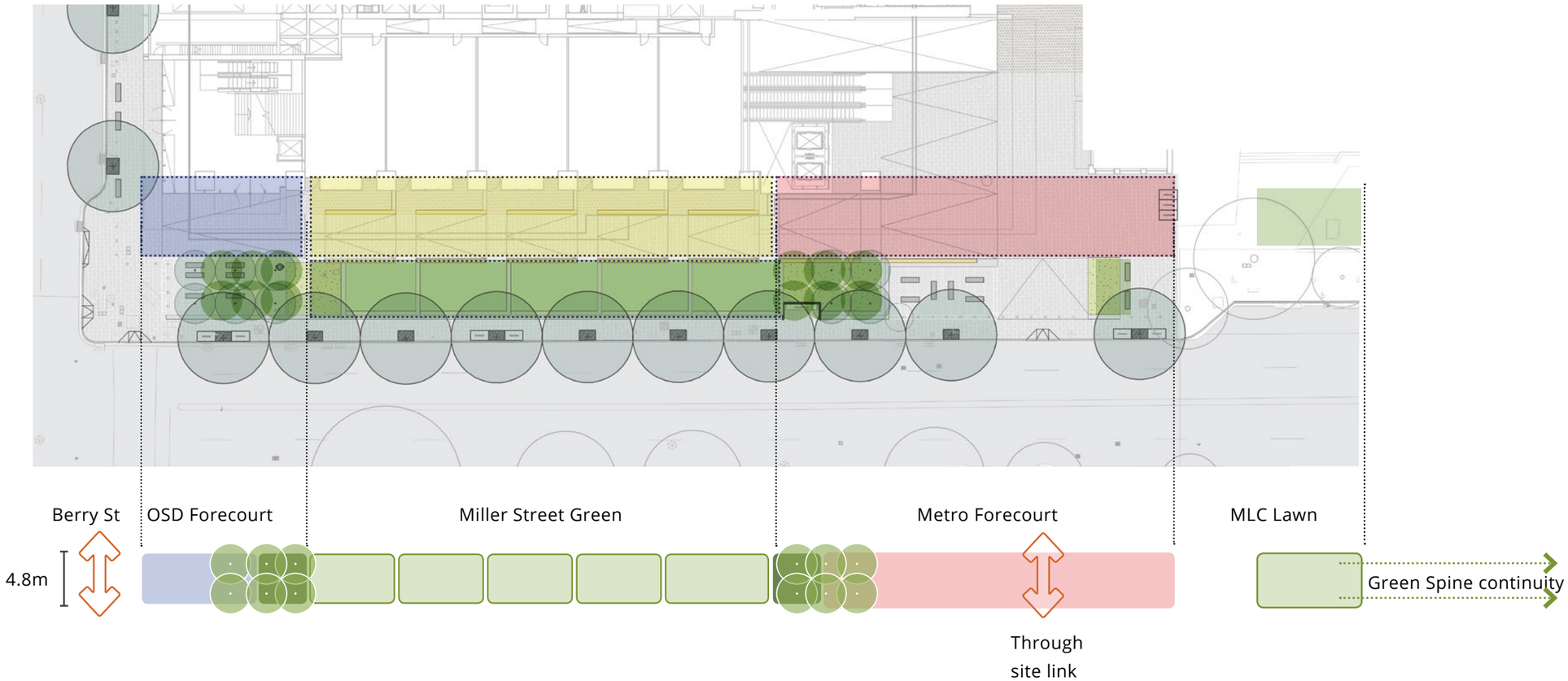
Accessible footpath (max 1:21 grade)

# KEY COMPONENTS

The public realm area of the project site will include several key components. These will be defined

- Miller Street Civic Green Spine
- Metro Forecourt and Identity
- Miller Street Retail
- OSD Forecourt

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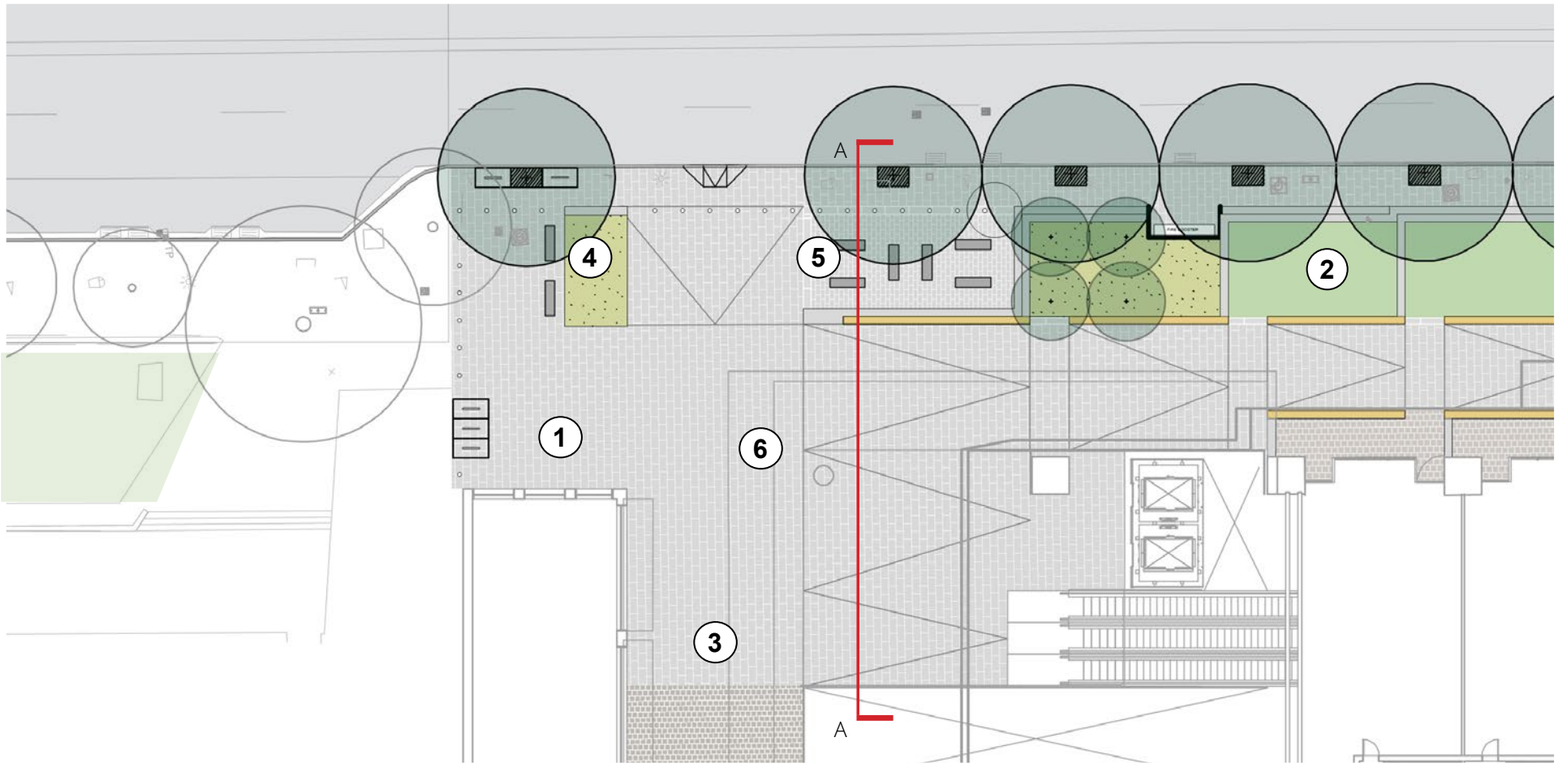
# METRO ENTRY FORECOURT

The southern Metro entry will be a key landmark in North Sydney, with large numbers of people using it everyday. The public realm will include focal points to assist with local area wayfinding, and a variety of seating areas for people to pause for short or longer periods of time, creating quiet moments in the daily rush.

The positioning of seating courts and cafe dining areas acknowledge the key movement routes through this part of the site and are accessible but do not create obstructions. They will developed to each have their own subtle character, while forming part of the broader civic and green spine.



1 Outdoor cafe dining

2 Grass terraces

3 The laneway

4 Focal seating node

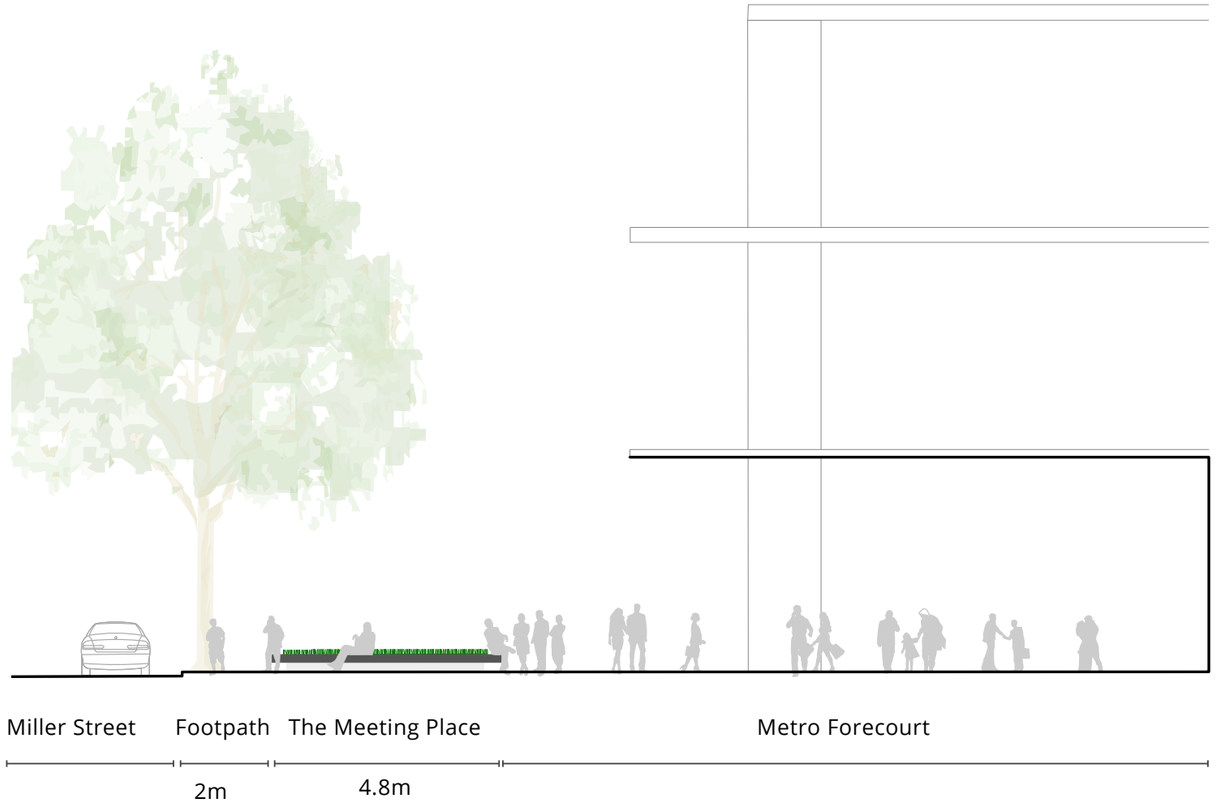
5 Forecourt seating

6 Southern Metro entry

# SITE SECTION AND VISUALISATION

Figure 07 – View to southern Metro entry

Section A-A



A civic landmark

Inviting and safe

A relaxed place to wait

An urban oasis

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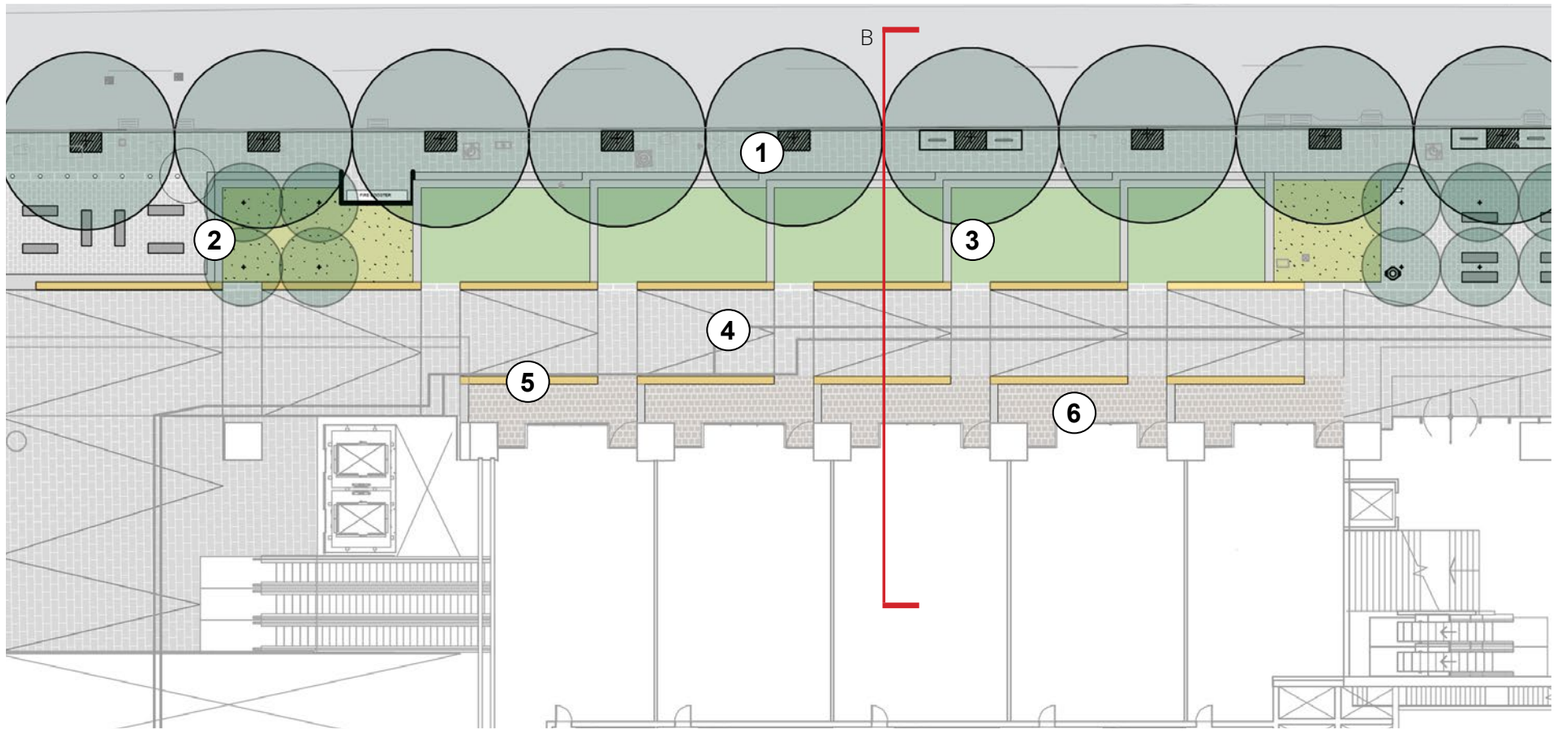
# MILLER STREET GREEN

The grassed terraces form the spine of the Miller Street Green, turning towards the active dining edge of the Over Station Development.

The levels of the terraces interact directly with the dining terraces, creating the opportunity for people with takeaway to spill out and enjoy the green respite on offer. The changing levels between the front of the building have been negotiated by integrating levels of stepped seating-height edges, which create many opportunities for using the space in different ways. The levels of all terrace edges are set to ensure safe edge conditions with no falling or tripping hazards.

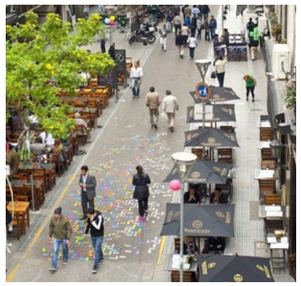
The grass terraces are book-ended by two shady groves of trees which cover both a lush and attractive planted area, and a quiet paved seating courtyard.



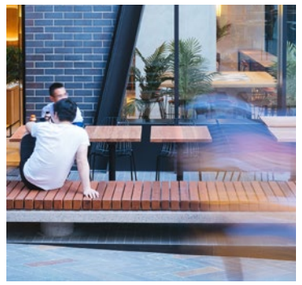
1 Seating edge

2 Seating forecourt

3 Grassed terraces



4 Key walkway



5 Retail seating edge

6 Retail terrace

# SITE SECTION AND VISUALISATION

Figure 08 – View to retail dining terraces

Section B-B

A vibrant dining zone

A place to sit under the trees

A relaxed place to walk

Activated edges and retail interface

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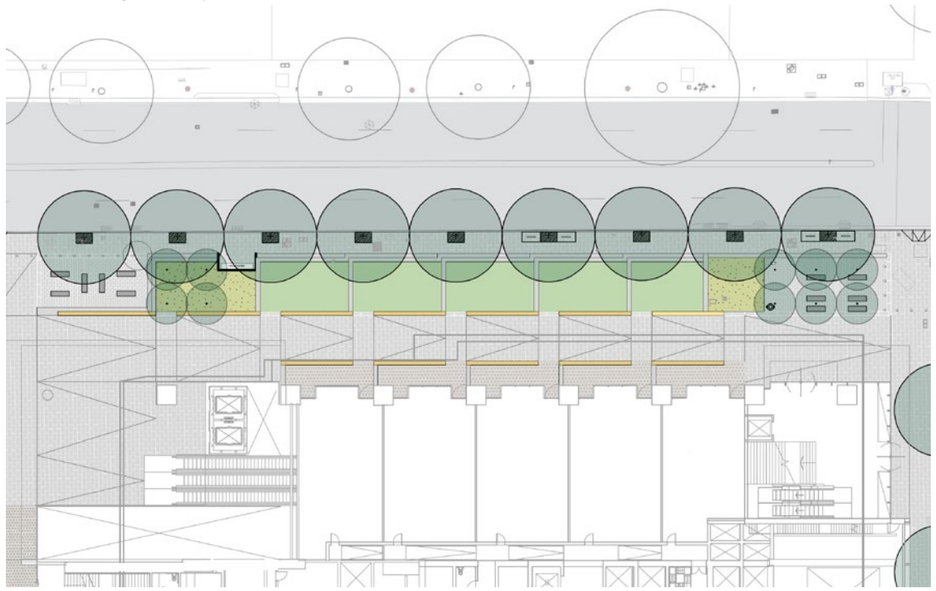
# RETAIL INTERFACE

The relationship between the retail dining and the grassed terraces of the Miller Street Green is an important one as it informs how lively, loved and used this space will be.

Each of the dining terraces corresponds through level access with the adjacent grassed terraces, created the potential for pop-up spill out dining and other possible activations. This will also ensure a soothing green lookout for the diners.

A common suite of edge detailing will also reinforce this as one integrated space.



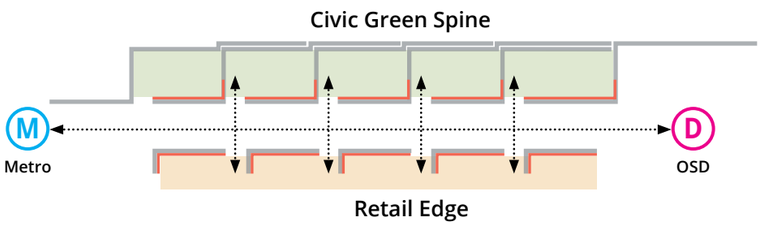
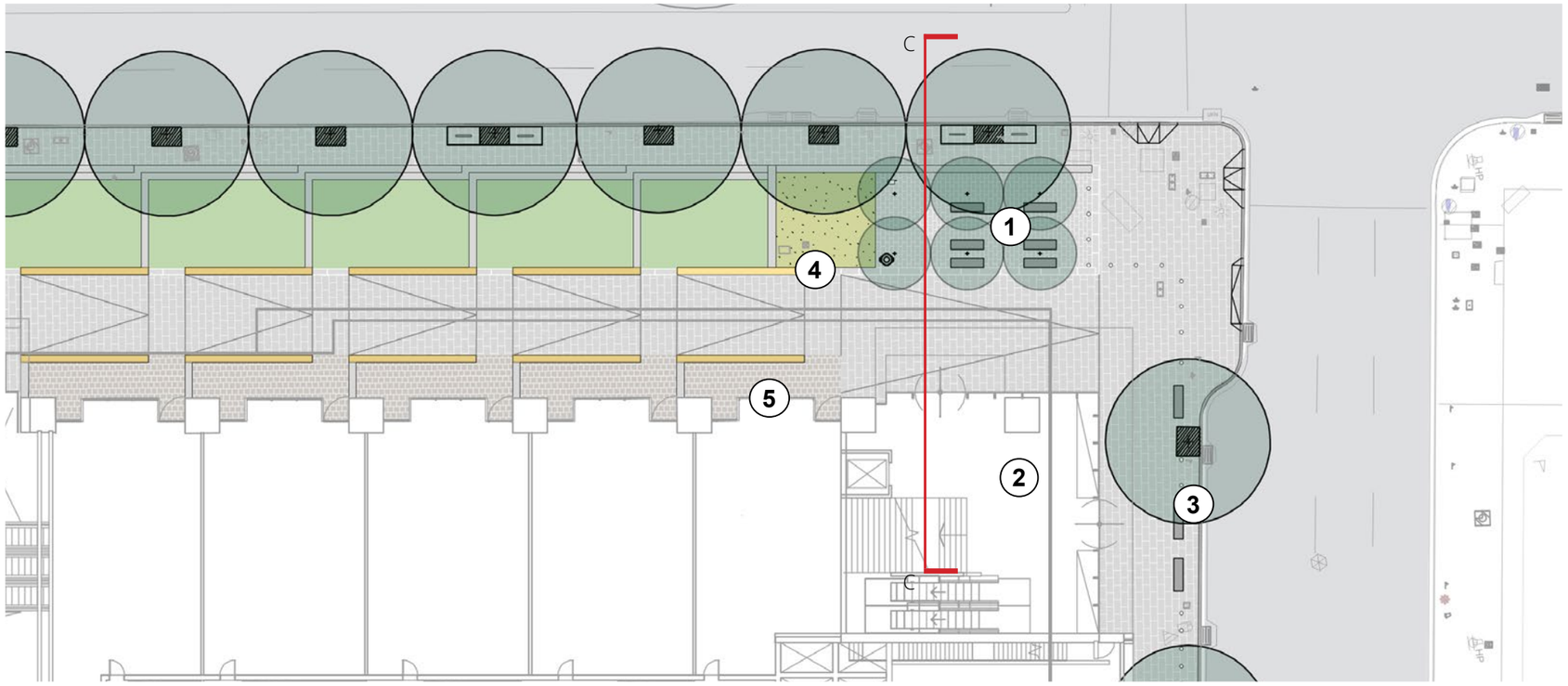


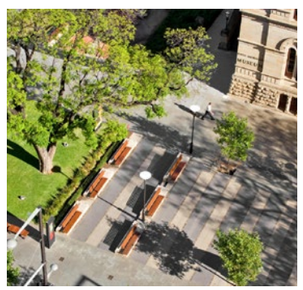
Figure 09 and 10 – View to Miller Street Green and retail dining terraces

# OSD FORECOURT

The forecourt area to the OSD Sky Lobby is a key part of the project site's public realm. This area enjoys many hours of sunshine during the day, making it an attractive space for local workers to enjoy during the lunch hours.

Seating in forecourt area will be shaded by deciduous trees in summer and will be warm in winter. Ample movement space allows for the passage of people to the retail dining terraces and the southern Metro entry, and to cross at the Miller Street/Berry street intersection.



1 Seating forecourt

2 OSD sky lobby

3 Bicycle racks

4 Distinctive seating

5 Retail seating edge

# SITE SECTION AND VISUALISATION

Figure 11 – View to OSD sky lobby entry

Section C-C

Clean and contemporary

Inviting outdoor seating

Lawns to relax on

After hours dining

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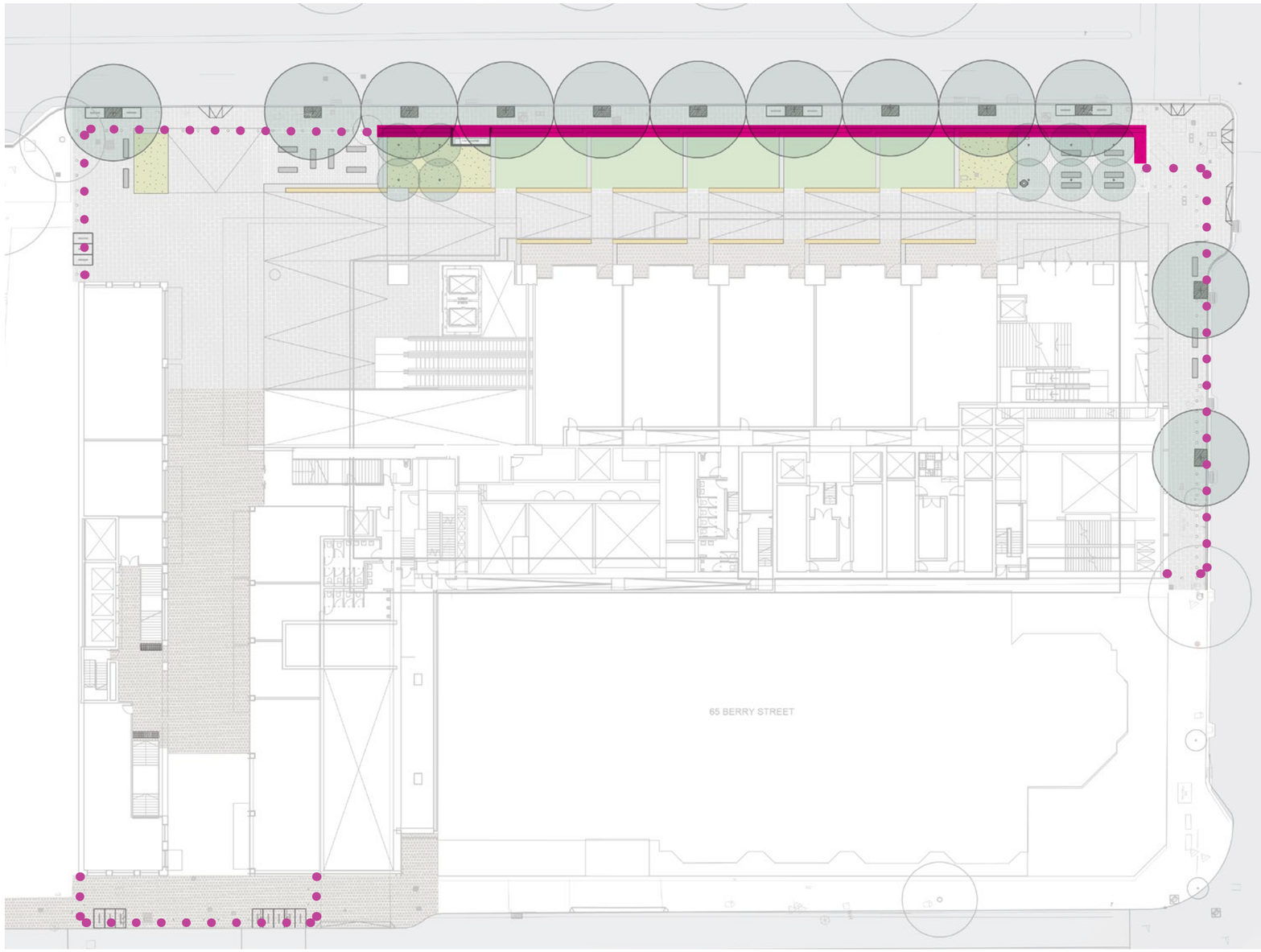
# SECURITY OVERLAY

Safety of all patrons and of the building itself is a key consideration of the project site's public realm design. Through assessment and consultation a demarcated vehicle exclusion zone has been identified, which will be enforced through appropriate edge treatments and outdoor furniture elements.




Linear edge treatment - steps and seating edges

Vehicle Rated Furniture element

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# PAVING AND MATERIALS

The paving stratgy seeks to:

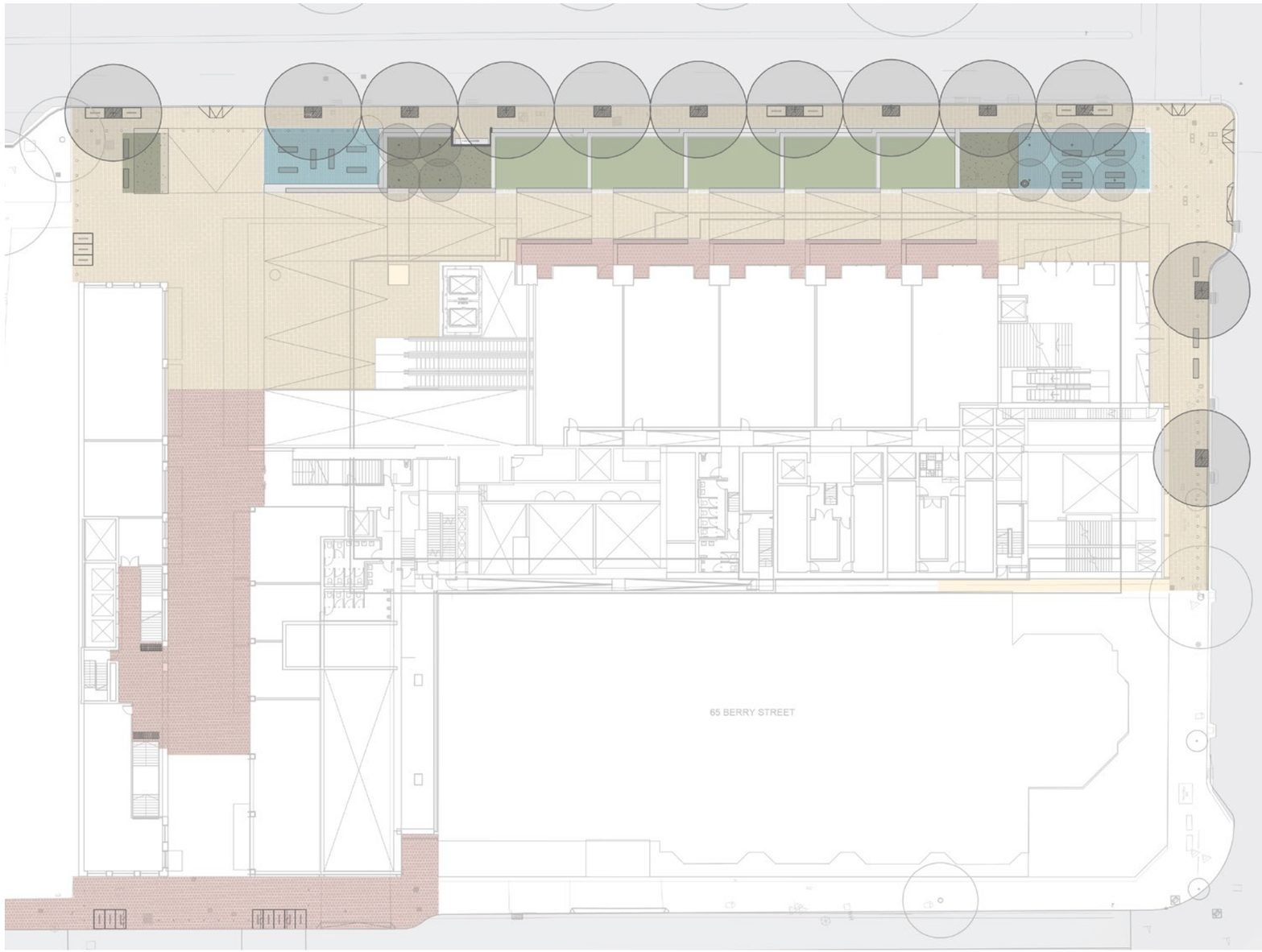
- Integrate into local paving strategy
- Highlight retail platforms
- Reinforce The Green Spine

North Sydney Centre 'Bruce' Rock Paver Vehicular/ Pedestrian

North Sydney Centre 'Bruce' Rock Stone Setts

Porphyry setts

Turf

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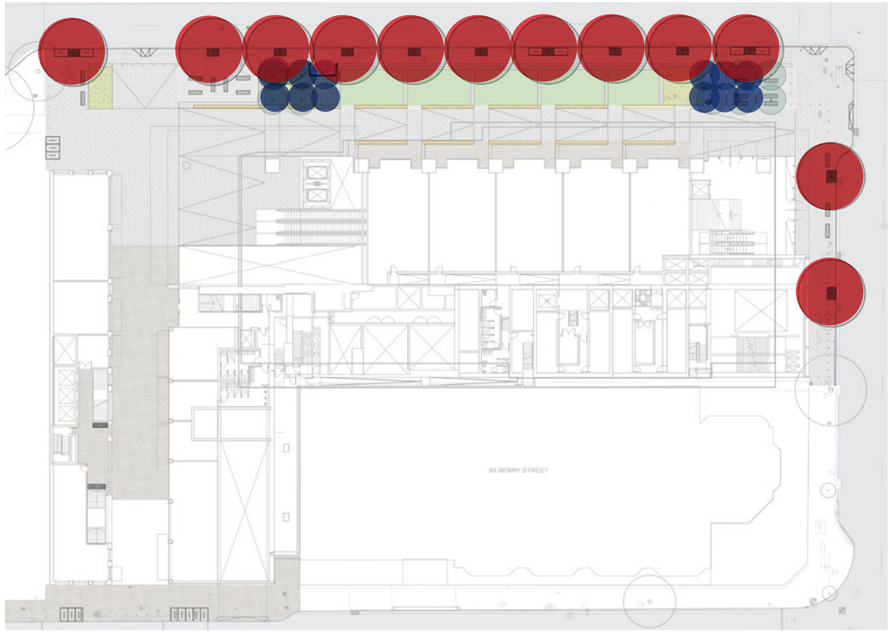
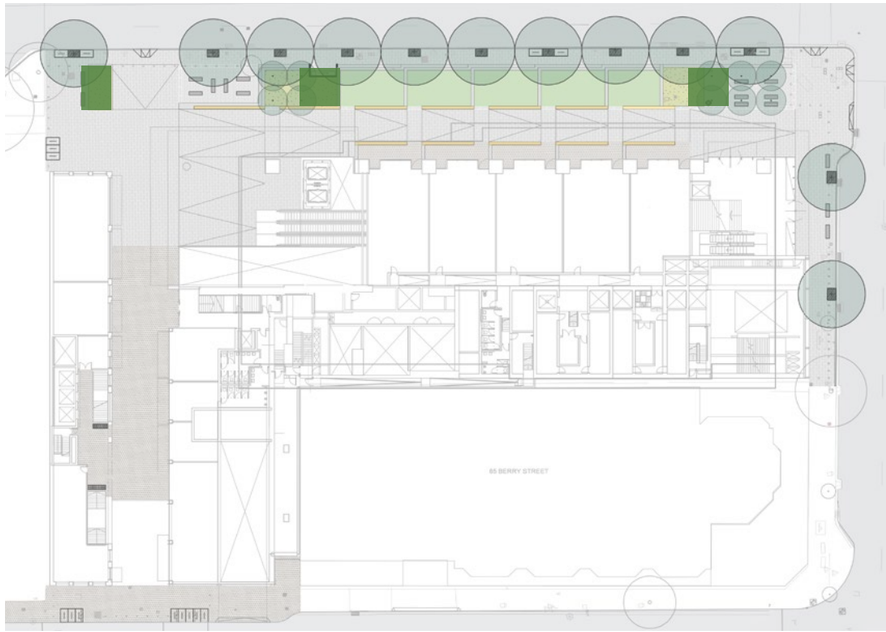
## NEW STREET TREE PLANTING



LF-01 Platanus x acerifolia 400L

LF-01.2 Zelkova serrata 1000L

## SHRUBS AND GROUNDCOVERS



Pennisetum alopecuroides 'Nafray'

Liriope muscari 'Just Right'

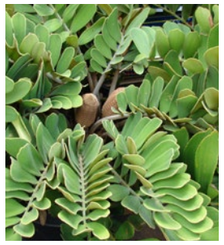
Correa alba

Casuarina 'Cousin It'

Dianella ensiformis

Hardenbergia violacea 'Happy Wanderer'

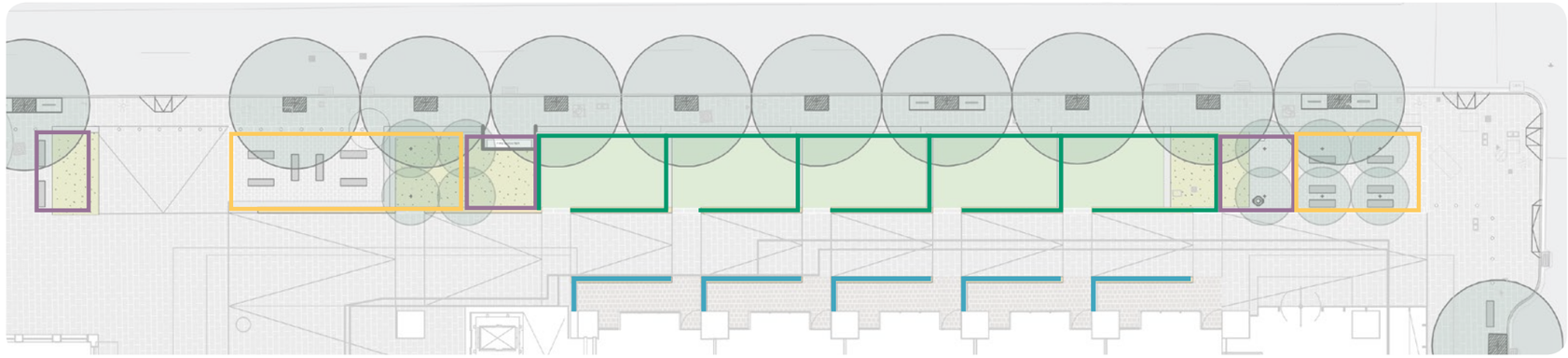
Trachelospermum jasminoides



Zamia furfuracea

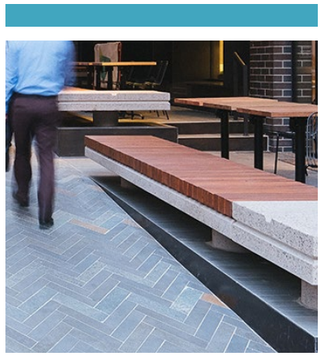
# EDGES AND INTERFACES

The level changes across the site, from north to south and east to west, have been negotiated through the introduction of stepped seating terraces. While providing many opportunities for people to sit and enjoy the space, these also serve to soften the visual impact of the height differences by gently stepping down. Subtle differences in a suite of edge detailing will provide a differentiated but cohesive public realm.

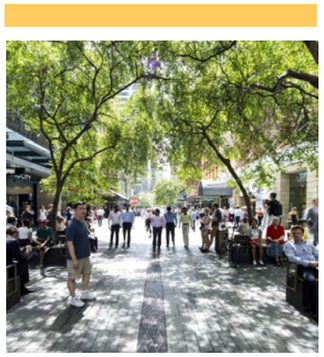


Integrated terraced seating edge

Planter Edge



Retail seating edge



Seating Court definition

ASPECT Studios

lendlease

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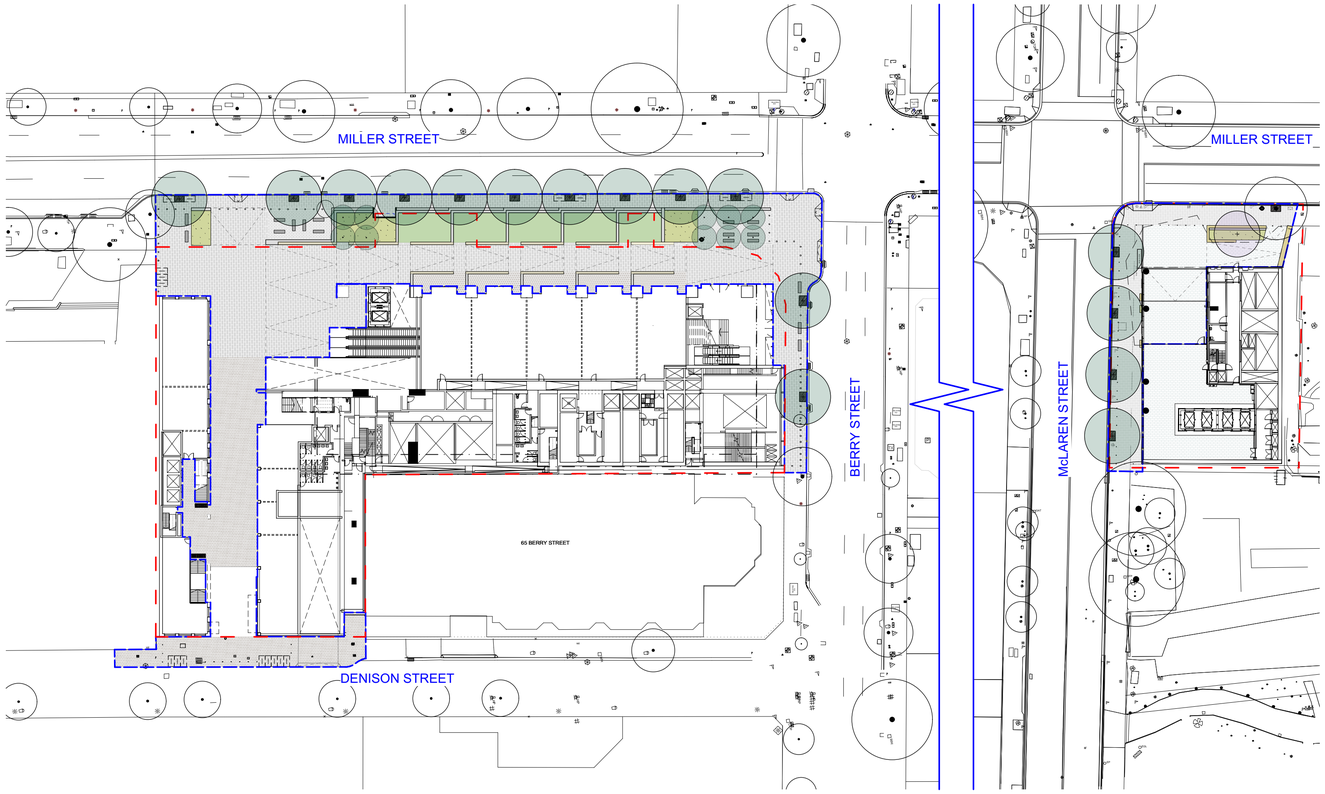
| Drawing Number | Drawing Title |
|---|---|
| SMCSWSVI-LLC-SVC-LA-DWG- 001001 | COVER SHEET, DRAWING LIST, CONTEXT PLAN |
| SMCSWSVI-LLC-SVC-LA-DWG- 001002 | LEGEND |
| SMCSWSVI-LLC-SVC-LA-DWG- 060001 | HARDWORKS DETAILS - PAVING |
| SMCSWSVI-LLC-SVC-LA-DWG- 060002 | HARDWORKS DETAILS - KERB, PRAM RAMP & CROSSOVER |
| SMCSWSVI-LLC-SVC-LA-DWG- 060003 | HARDWORKS DETAILS - FIXTURES |
| SMCSWSVI-LLC-SVC-LA-DWG- 070001 | SOFTWORKS DETAILS |
| SMCSWSVI-LLC-SVC-LA-DWG- 121001 | GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - METRO FORECOURT |
| SMCSWSVI-LLC-SVC-LA-DWG- 121002 | GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - MILLER STREET GREEN |
| SMCSWSVI-LLC-SVC-LA-DWG- 121003 | GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - THE LANEWAY |
| SMCSWSVI-LLC-SVC-LA-DWG- 121004 | GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - DENISON STREET |
| SMCSWSVI-LLC-SVC-LA-DWG- 121005 | GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - BERRY STREET |
| SMCSWSVI-LLC-SVC-LA-DWG- 140001 | SOUTHERN PORTAL SECTIONS |
| SMCSWSVI-LLC-SVC-LA-DWG- 140002 | SOUTHERN PORTAL SECTIONS |
| SMCSWSVI-LLC-SVC-LA-DWG- 140003 | SOUTHERN PORTAL SECTIONS |
| SMCSWSVI-LLC-SVC-LA-DWG- 321001 | GENERAL ARRANGEMENT PLAN NORTHERN PORTAL - MILLER STREET LEVEL |
| SMCSWSVI-LLC-SVC-LA-DWG- 321002 | GENERAL ARRANGEMENT PLAN NORTHERN PORTAL - MCLAREN STREET LEVEL |
| SMCSWSVI-LLC-SVC-LA-DWG- 340001 | NORTHERN PORTAL SECTIONS |
| SMCSWSVI-LLC-SVC-LA-DWG- 340002 | NORTHERN PORTAL SECTIONS |




DIMENSIONS ARE APPROXIMATE ONLY AND ARE TO BE FINALISED AT DETAILED DESIGN STAGE

NOT FOR CONSTRUCTION

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| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | SM | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 A3
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KEY PLAN

ISDP

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DESIGNED GH
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

COVER SHEET, DRAWING LIST, CONTEXT PLAN

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-001001 | REV F

100mm AT FULL SIZE Plot Date & Time

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## LEGEND

### GENERAL

- SITE BOUNDARY
- EXTENT OF WORKS BOUNDARY - PUBLIC DOMAIN
- PROPOSED AWNING LINE

### LEVELS & GRADING

- RL 62.00 — PROPOSED LANDSCAPE LEVEL
  REFER TO ENGINEER'S DRAWINGS - TO BE CONFIRMED ON SITE
- TW 62.45 — PROPOSED TOP OF WALL
  REFER TO ENGINEER'S DRAWINGS - TO BE CONFIRMED ON SITE
- 1:21 — PROPOSED GRADE
  REFER TO ENGINEER'S DRAWINGS - TO BE CONFIRMED ON SITE
- EX 60.96 — EXISTING SURVEY LEVEL

### MATERIALS & FINISHES - PAVEMENTS

REFER TO CIVIL ENGINEER'S DOCUMENTATION FOR ALL SUB BASE DETAILS

- PV1 — PAVING TYPE 1 | NORTH SYDNEY STANDARD GRANITE 'BRUCE STONE'
  600mm long x 400mm wide x 50mm thick - exfoliated finish
- PV2 — PAVING TYPE 2 | NORTH SYDNEY STANDARD GRANITE 'BRUCE STONE'
  600mm long x 400mm wide x 50mm thick - exfoliated finish
- PV3 — PAVING TYPE 3 | SETTS - PORPHRY
  100mm long x 100mm wide x 60mm thick - split faced
- PV4 — PAVING TYPE 4 | SETTS - BRUCE STONE
  100mm long x 100mm wide x 60mm thick - split faced
- PV5 — PAVING TYPE 5 | NORTH SYDNEY STANDARD GRANITE 'BRUCE STONE' HEADER
  800mm long x 400mm wide x 50mm thick - exfoliated finish
- PV6 — PAVING TYPE 6 | PAVERS - PORPRHY
  300mm long x 200mm wide x 50mm thick - exfoliated finish
- PV7 — PAVING TYPE 7 | PAVER - PRECAST CONCRETE WITH EXPOSED AGGREGATE
  300mm long x 200mm wide x 50mm thick - exfoliated finish

### MATERIALS & FINISHES - RAMPS, STAIRS + ANCILLARIES

- TI1 — TACTILE TYPE 1
  MACHINED SOLID BRASS
- PR — NORTH SYDNEY STANDARD PEDESTRIAN PRAM RAMP - GRANITE
  BRUCE STONE - EXFOLIATED FINISH
- VC — NORTH SYDNEY STANDARD VEHICLE CROSSING - GRANITE
  BRUCE STONE - EXFOLIATED FINISH

### MATERIALS & FINISHES - SOFTWORKS

- SW1 — SOFTWORKS TYPE 1 | TURF
- SW2 — SOFTWORKS TYPE 2 | PLANTING
  75MM 'EUKY' MULCH
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
  REFER TO PLANTS SCHEDULE FOR TREE SPECIES
- TP1 — TREE GRATE TYPE 1 | PRECAST CONCRETE
  EPDM RUBBER
- TP2 — TREE GRATE TYPE 1 | PRECAST CONCRETE
  STEEL FRAME WITH INLAID PAVERS TO MATCH SURROUNDS

### WALLS & EDGES

REFER TO CIVIL ENGINEER'S DOCUMENTATION FOR ALL SUB BASE DETAILS

- HW1 — HARDWORK TYPE 1 | PRECAST CONCRETE WALL
- HW2 — HARDWORK TYPE 2 | PRECAST CONCRETE WALL WITH TIMBER INLAY
- HW3 — HARDWORK TYPE 3| PRECAST CONCRETE WALL WITH TIMBER INLAY
- HW4 — HARDWORK TYPE 3| POWDERCOATED STEEL RETAINING WALL

### FURNITURE & FIXTURES

REFER TO CIVIL ENGINEER'S DOCUMENTATION FOR ALL SUB BASE DETAILS

- FX1 — LANDSCAPE FIXTURE TYPE 1 | NORTH SYDNEY STANDARD BIKE RACK
  CORA CBR3 - STAINLESS STEEL
- FX2 — LANDSCAPE FIXTURE TYPE 3 | NORTH SYDNEY STANDARD BIN
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- FX3 — LANDSCAPE FIXTURE TYPE 2 | NORTH SYDNEY STANDARD WATER FOUNTAIN
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- FX4 — LANDSCAPE FIXTURE TYPE 4 | STANDARD BOLLARD
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- FE1 — FURNITURE ELEMENT TYPE 1 | CUSTOM FURNITURE ELEMENT
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- FE2 — FURNITURE ELEMENT TYPE 2 | CUSTOM FURNITURE ELEMENT
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- BE1 — BENCH TYPE 1 | NORTH SYDNEY STANDARD
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- BE2 — BENCH TYPE 2 | CUSTOM BENCH
  REFER TO LANDSCAPE SELECTIONS SCHEDULE
- BE3 — BENCH TYPE 3 | CUSTOM BENCH
  REFER TO LANDSCAPE SELECTIONS SCHEDULE

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A1 A3
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KEY PLAN

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DRAWN GH
DESIGNED GH
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

SYDNEY METRO
VICTORIA CROSS
PUBLIC DOMAIN
LEGEND

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-001002 | REV F

100mm AT FULL SIZE Plot Date & Time

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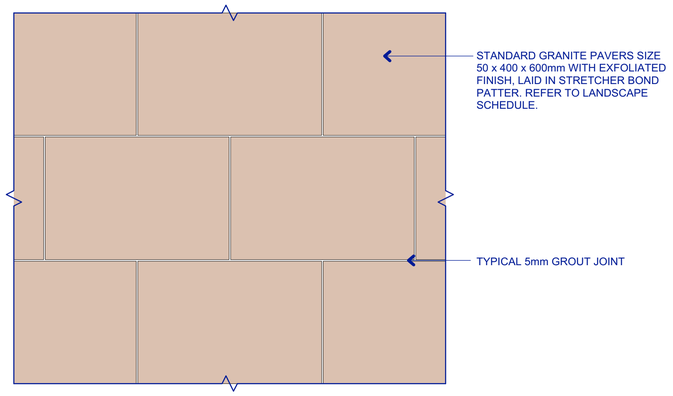
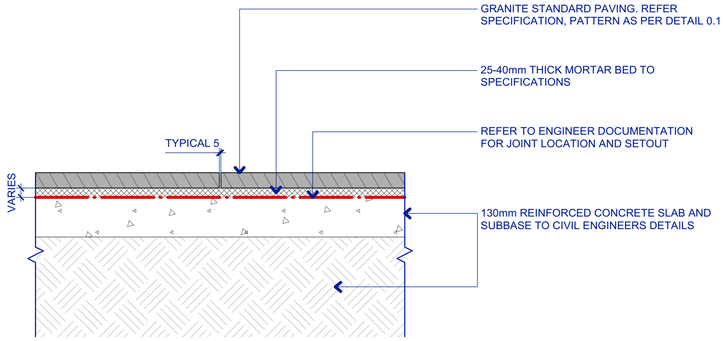
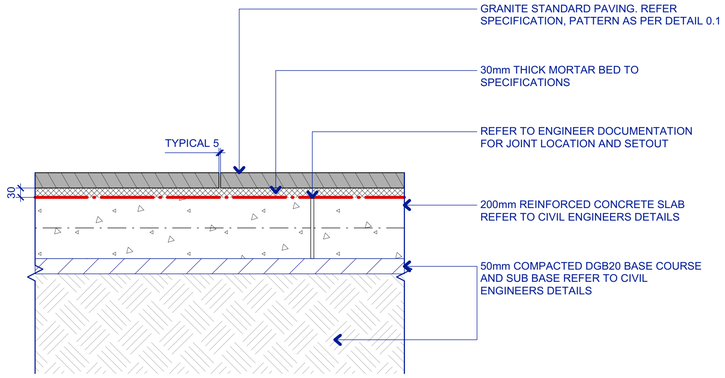


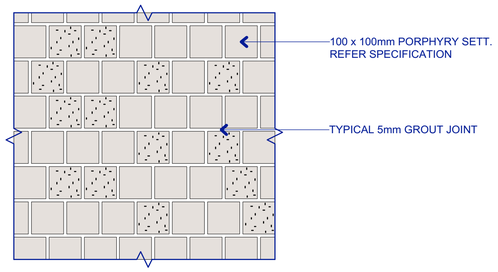

1 TYPICAL NORTH SYDNEY COUNCIL PAVING
Scale 1:10 PLAN PV1 PV2 PV6 PV7



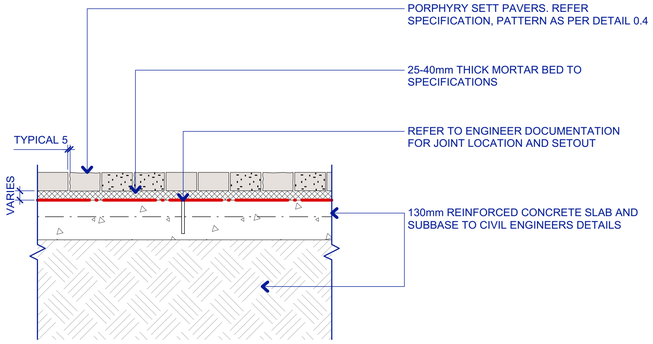

2 TYPICAL NORTH SYDNEY COUNCIL PAVING | PEDESTRIAN GRADE
Scale 1:10 SECTION PV1 PV5 PV6 PV7



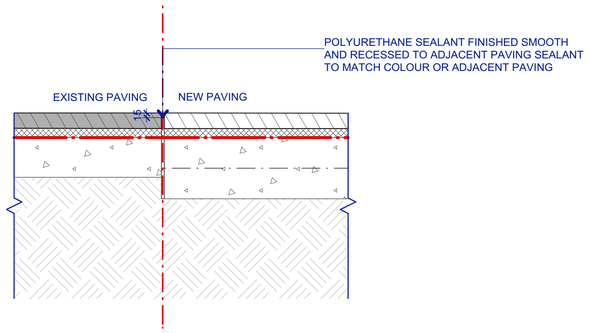

3 TYPICAL NORTH SYDNEY COUNCIL PAVING | VEHICULAR GRADE
Scale 1:10 SECTION PV2



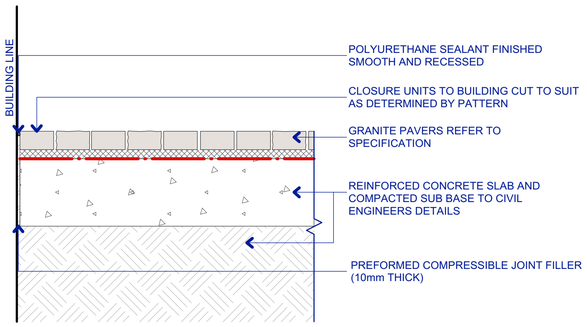

4 PORPHYRY SETT INSTALLATION
Scale 1:10 PLAN PV3 PV4




5 PORPHYRY SETT INSTALLATION
Scale 1:10 SECTION PV3 PV4




6 PAVING JUNCTION | TO EXISTING PAVEMENT
Scale 1:10 SECTION




7 PAVING JUNCTION | TO WALL/COLUMN/BUILDING
Scale 1:10 PLAN

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DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

SYDNEY METRO
VICTORIA CROSS
PUBLIC DOMAIN
HARDWORKS DETAILS - PAVING

STATUS: SSDA SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-060001 REV F

100mm AT FULL SIZE Plot Date & Time

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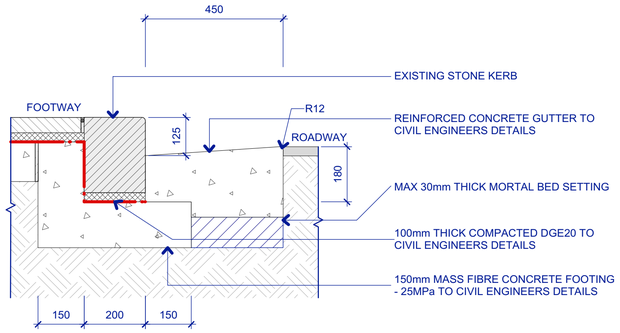
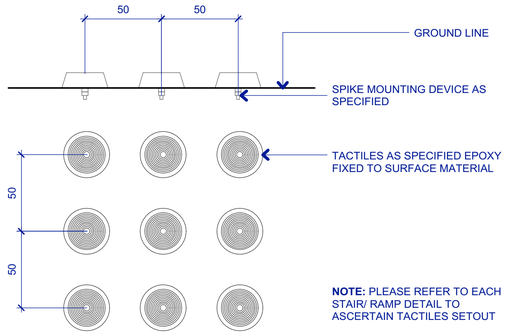
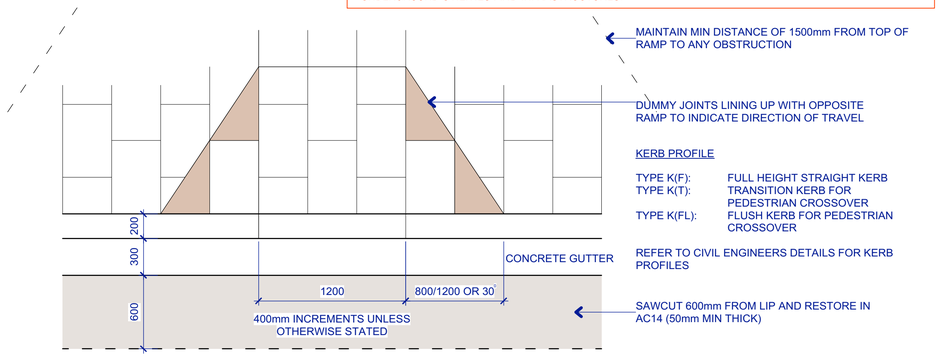


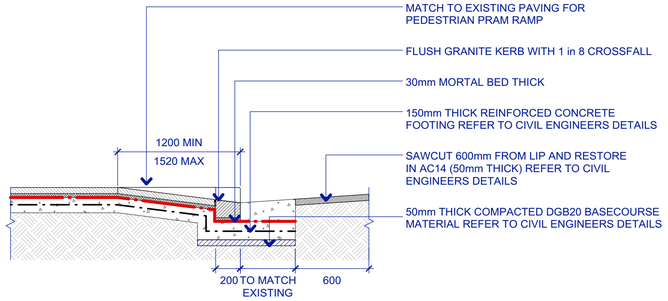

1 TYPICAL NORTH SYDNEY COUNCIL PAVING
Scale 1:10 SECTION



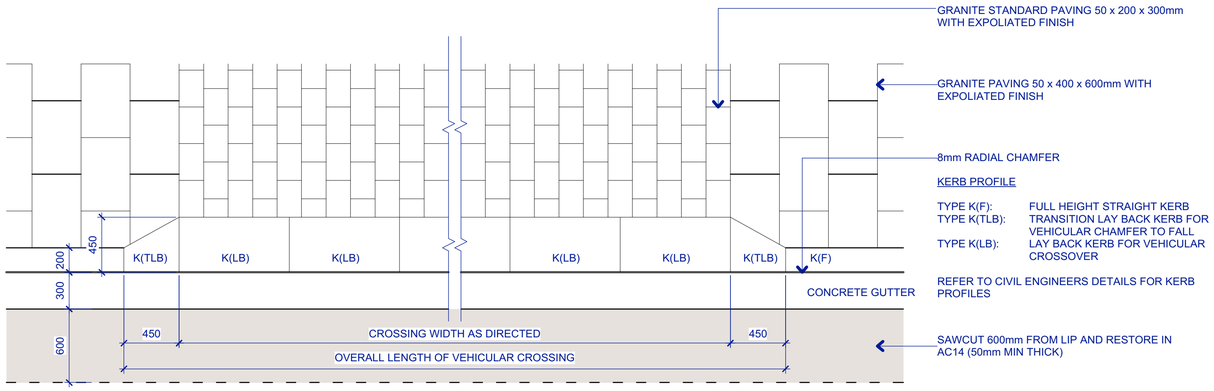

2 TACTILE TYPE 1 | STAINLESS TACTILE
Scale 1:2 PLAN & SECTION



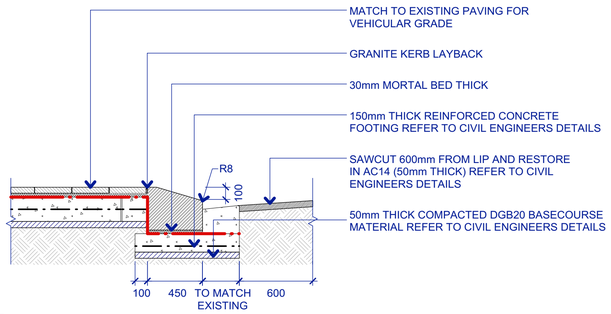

3 PRAM RAMP | PEDESTRIAN CROSSOVER
Scale 1:25 PLAN




4 PRAM RAMP | PEDESTRIAN CROSSOVER
Scale 1:25 SECTION




5 VEHICULAR CROSSOVER
Scale 1:25 PLAN




6 PAVING JUNCTION | TO WALL/COLUMN/BUILDING
Scale 1:10 PLAN

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APPROVED AL

SYDNEY METRO
VICTORIA CROSS
PUBLIC DOMAIN
HARDWORKS DETAILS - KERB, PRAM RAMP & CROSSOVER

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-060002 | REV F

100mm AT FULL SIZE Plot Date & Time

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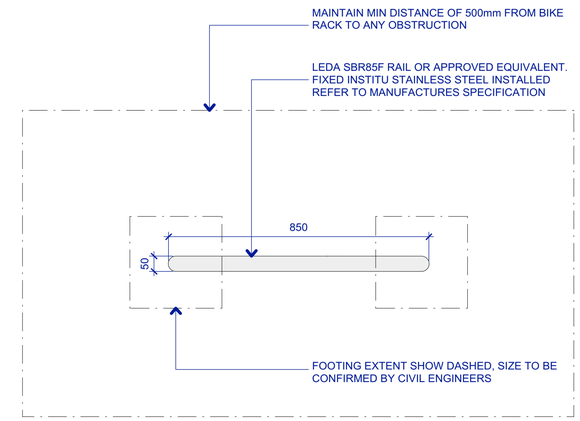
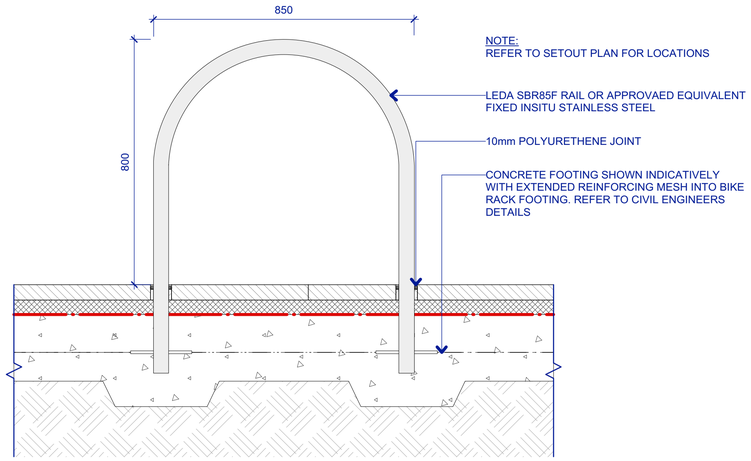
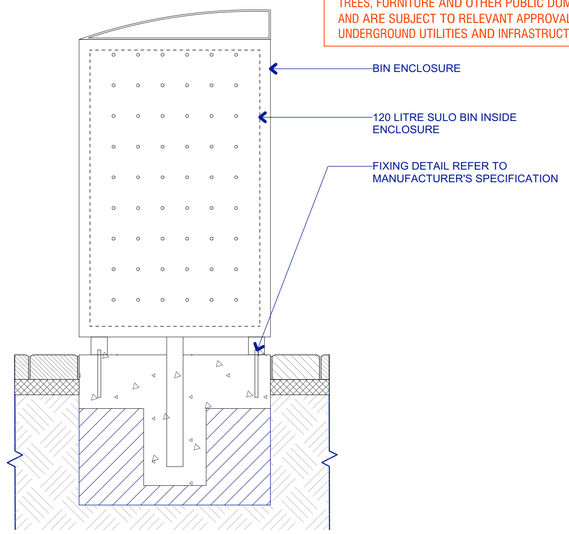


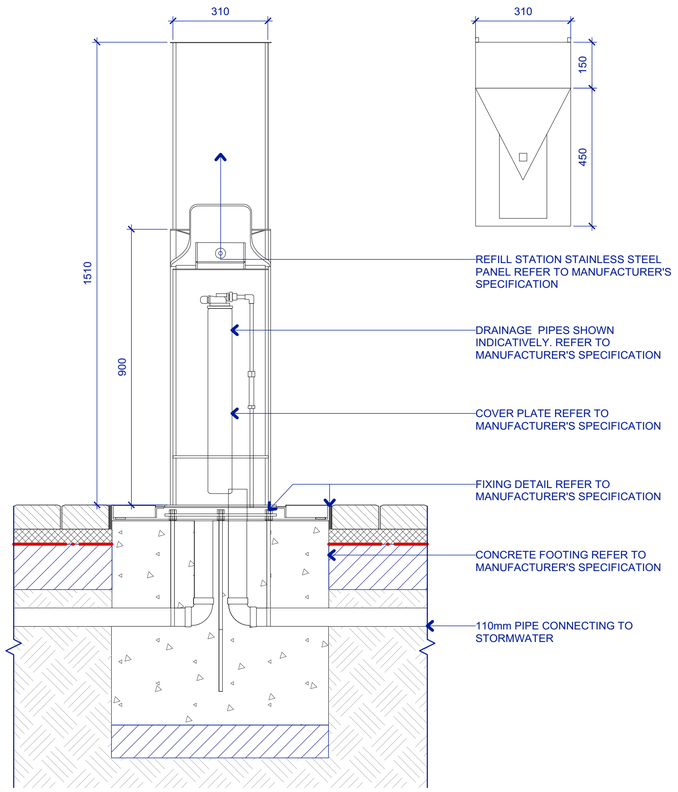

1 LANDSCAPE FIXTURE TYPE 1 | BIKE RACK
Scale 1:10 PLAN



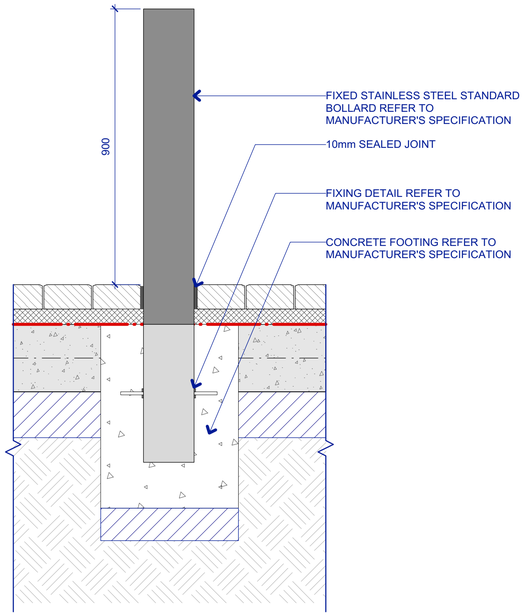

2 LANDSCAPE FIXTURE TYPE 1 | BIKE RACK
Scale 1:10 SECTION



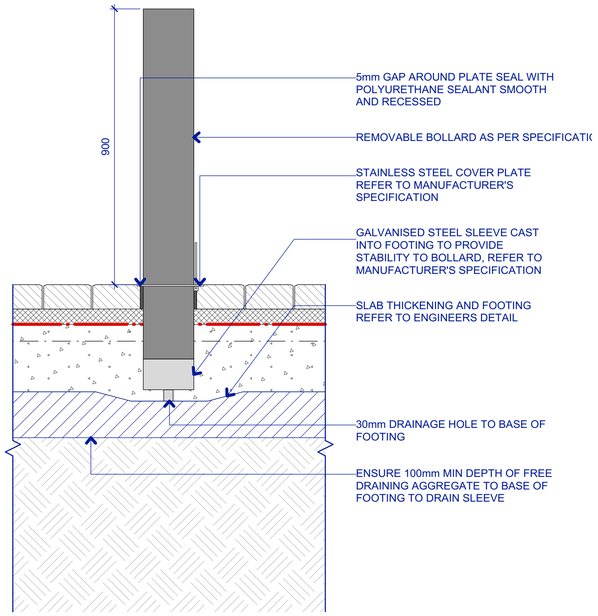

3 LANDSCAPE FIXTURE TYPE 2 | BIN
Scale 1:10 SECTION



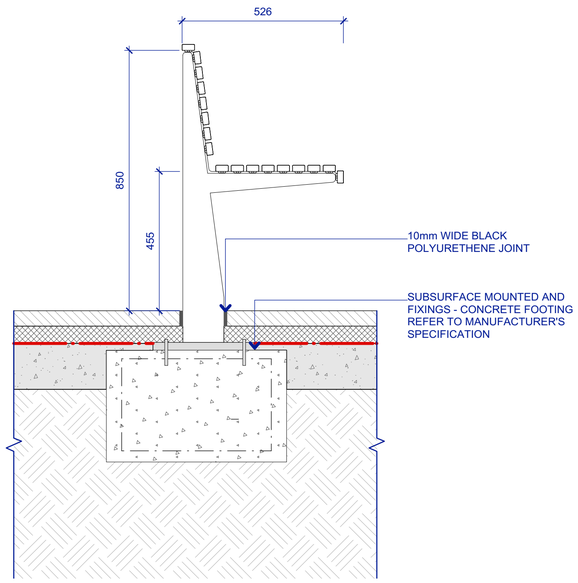

4 LANDSCAPE FIXTURE TYPE 3 | WATER FOUNTAIN
Scale 1:10 PLAN & SECTION




5 LANDSCAPE FIXTURE TYPE 4.1 | STANDARD BOLLAR - FIXED
Scale 1:10 SECTION




6 LANDSCAPE FIXTURE TYPE 4.2 | STANDARD BOLLAR - REMOVABLE
Scale 1:10 SECTION




7 BENCH TYPE 1 | NORTH SYDNEY COUNCIL STANDARD BENCH
Scale 1:10 SECTION

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ALL DIMENSIONS TO BE CONFIRMED

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| REV. | BY | DATE | DESCRIPTION | APPD. |
|---|---|---|---|---|
| F | TL | 10/7/19 | SSDA SUBMISSION | |
| E | TL | 28/6/19 | DESIGN DEVELOPMENT | |
| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | TL | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 A3
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KEY PLAN

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SERVICE PROVIDERS

DRAWN TL
DESIGNED TL
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

HARDWORKS DETAILS - FIXTURES

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-060003 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

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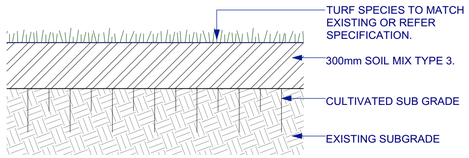
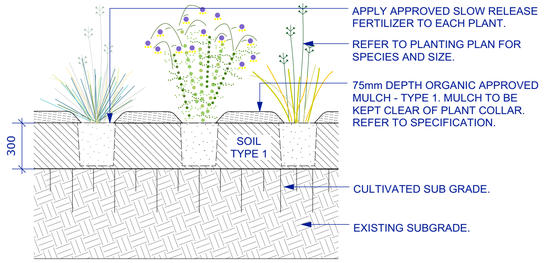
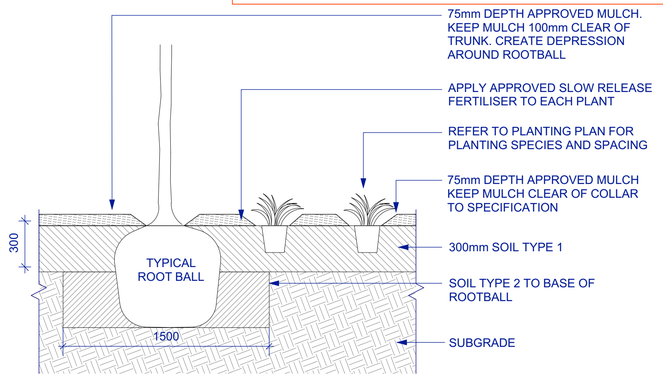


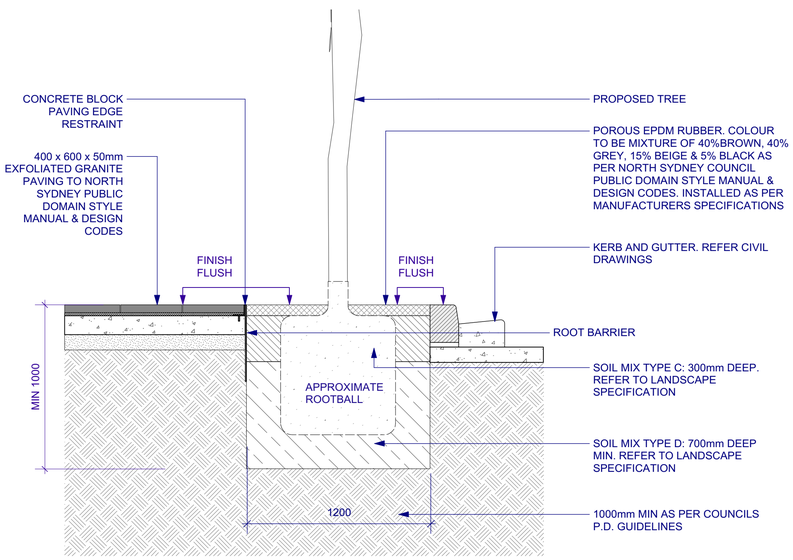

1 TURF | ON GRADE
Scale: 1:20
SW1



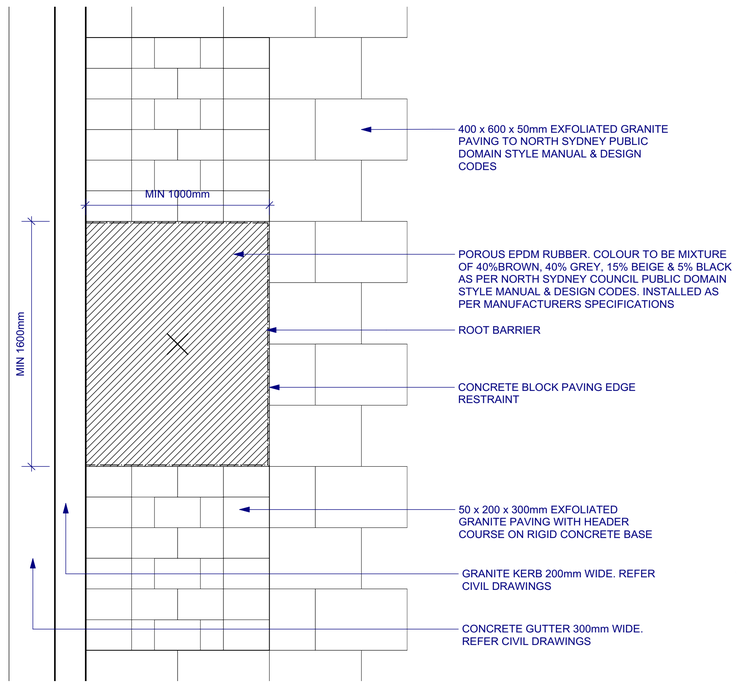

2 MASS PLANTING | ON GRADE
Scale: 1:20
SW2



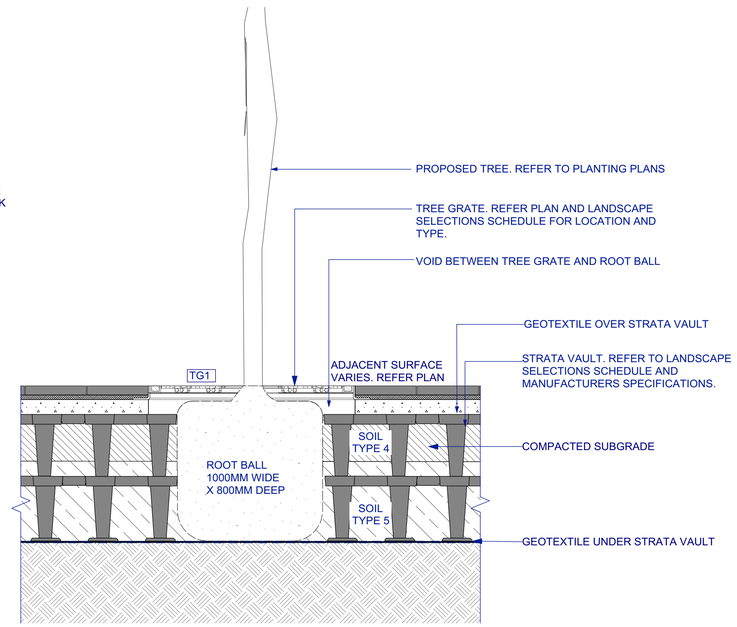

3 TREE PLANTING | MASS PLANTING
Scale: 1:20




4 TYPICAL TREE PIT | NORTH SYDNEY
Scale: 1:20
TP1




5 TYPICAL TREE PIT | NORTH SYDNEY
Scale: 1:20
TP1




6 TYPICAL TREE PIT | IN PAVING
Scale: 1:20
TP2

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| F | TL | 10/7/19 | SSDA SUBMISSION | |
| E | TL | 28/6/19 | DESIGN DEVELOPMENT | |
| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | TL | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 A3
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KEY PLAN

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SERVICE PROVIDERS

DRAWN GH
DESIGNED GH
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

SOFTWORKS DETAILS

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-070001 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

100mm AT FULL SIZE Plot Date & Time

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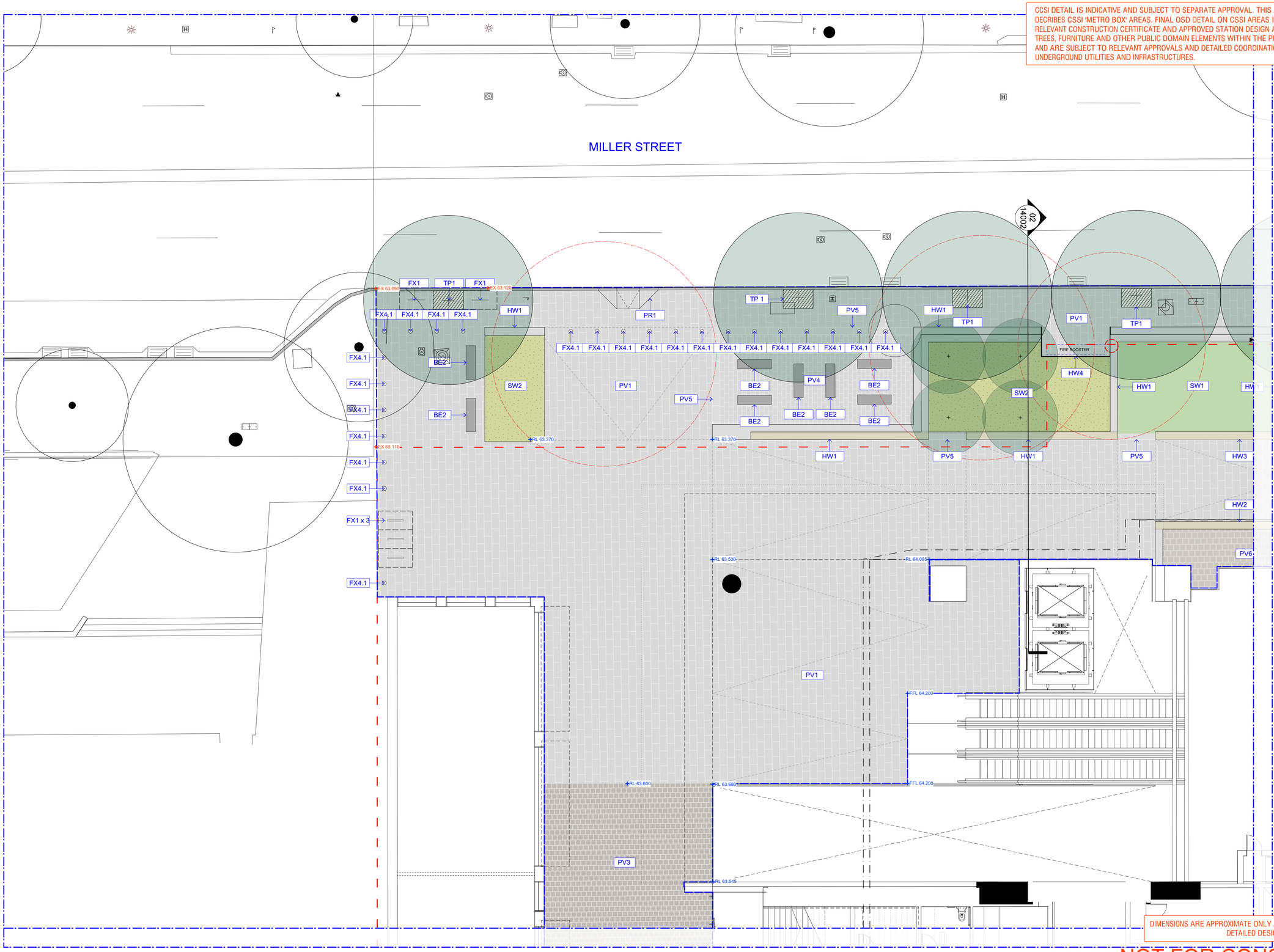


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| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | SM | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 1:100 A3 1:200

0 2.5 5 7.5M

KEY PLAN

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SERVICE PROVIDERS

DRAWN GH
DESIGNED GH
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - METRO FORECOURT

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-121001 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

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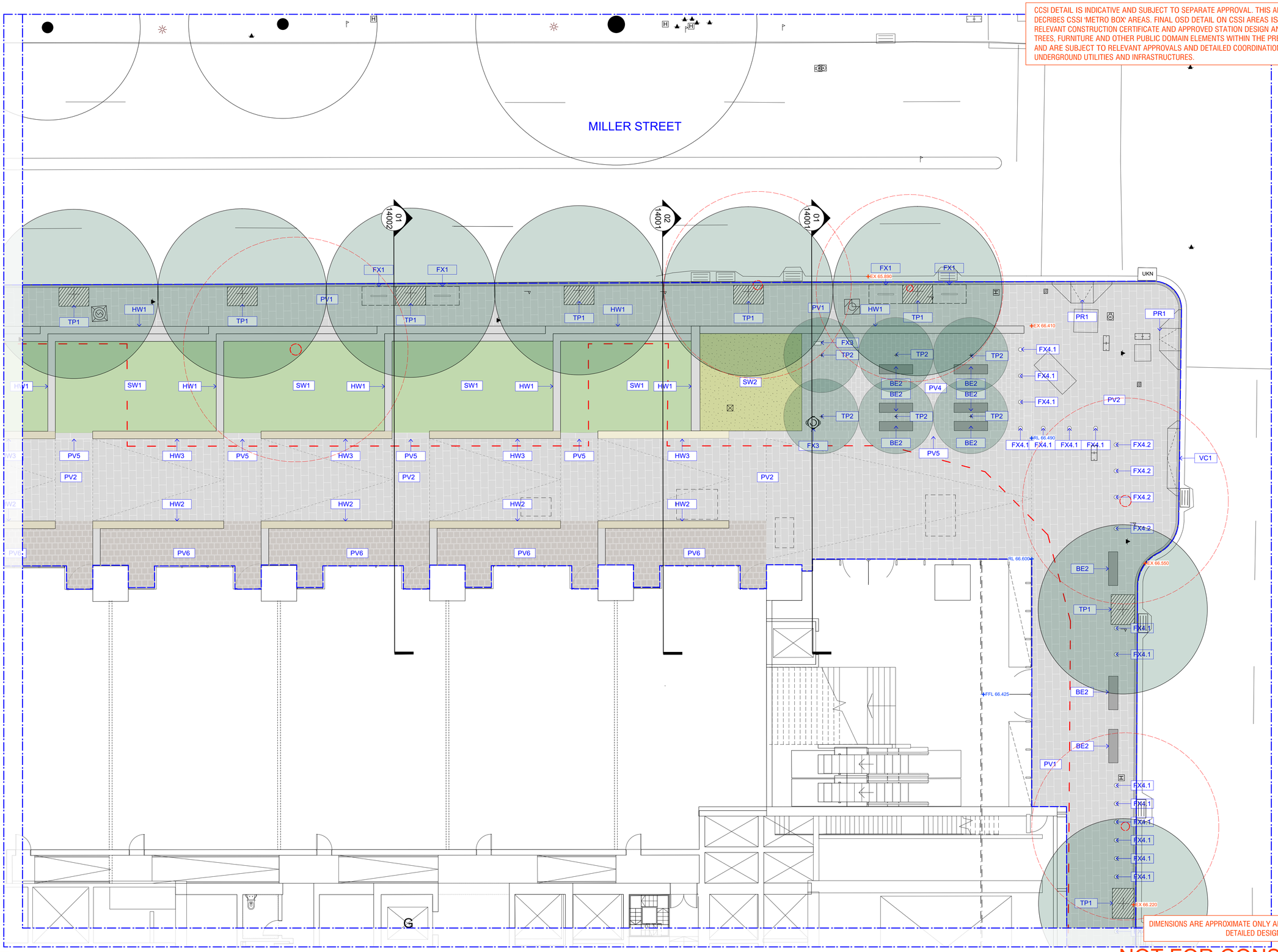


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| E | TL | 28/6/19 | DESIGN DEVELOPMENT | |
| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | SM | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 1:100 A3 1:200

0 2.5 5 7.5M

KEY PLAN

ISDP

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SERVICE PROVIDERS

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DRG CHECK AL
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# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - MILLER STREET GREEN

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-121002 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

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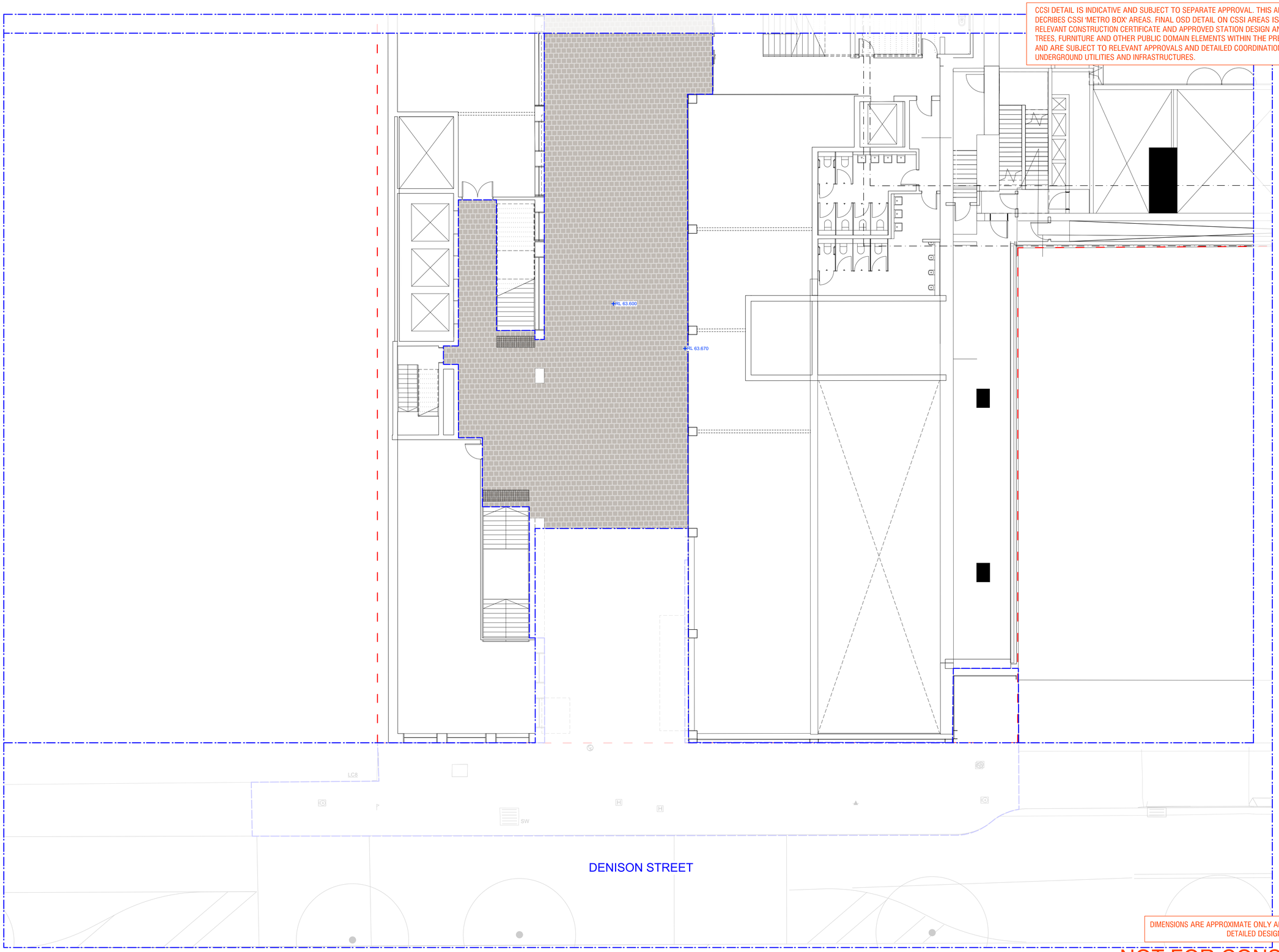


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100mm AT FULL SIZE Plot Date & Time

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| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | SM | 31/5/19 | DRAFT CSSI PACK | |
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A1 1:100 A3 1:200

0 2.5 5 7.5M

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

KEY PLAN

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MOTT MACDONALD | ARCADIS | BATESSMART | ASPECT Studios

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DESIGNED GH
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - THE LANEWAY

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-121003 | REV F

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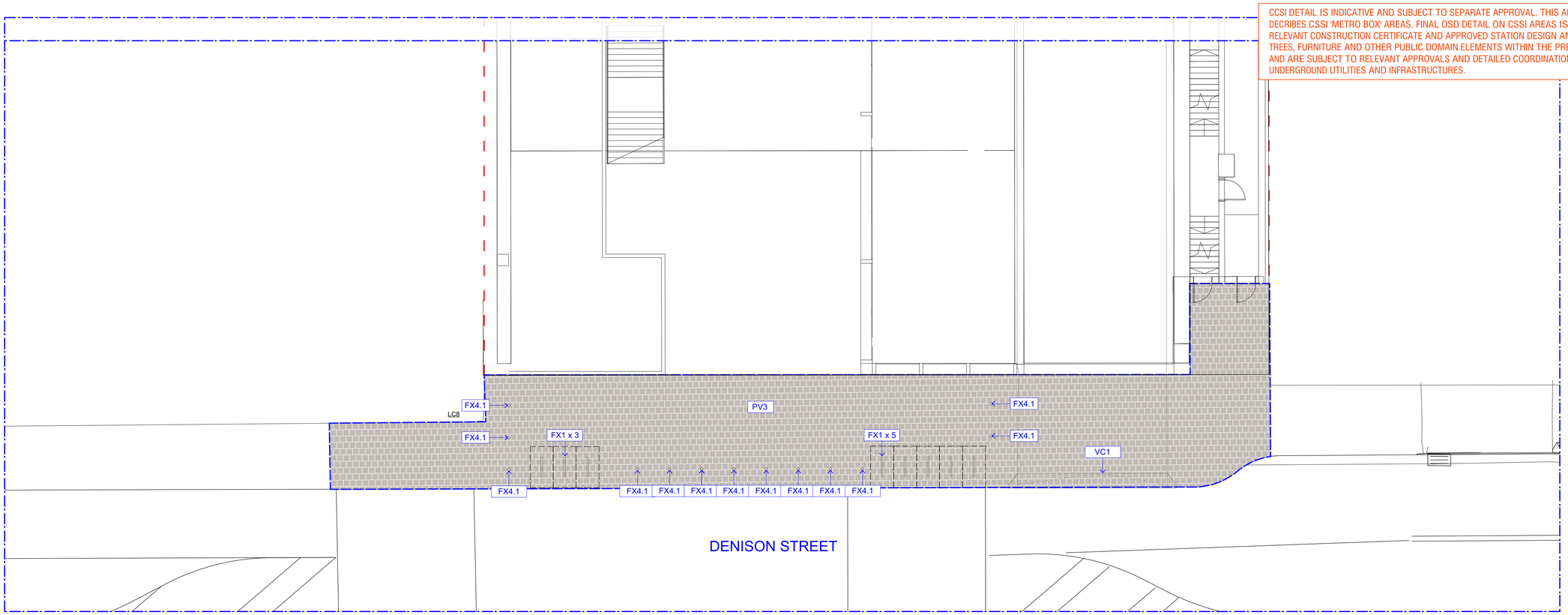


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| D | TL | 21/6/19 | SDPP SUBMISSION | |
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| B | SM | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 1:100 A3 1:200

0 2.5 5 7.5M

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SERVICE PROVIDERS

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DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - DENISON STREET

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-121004 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

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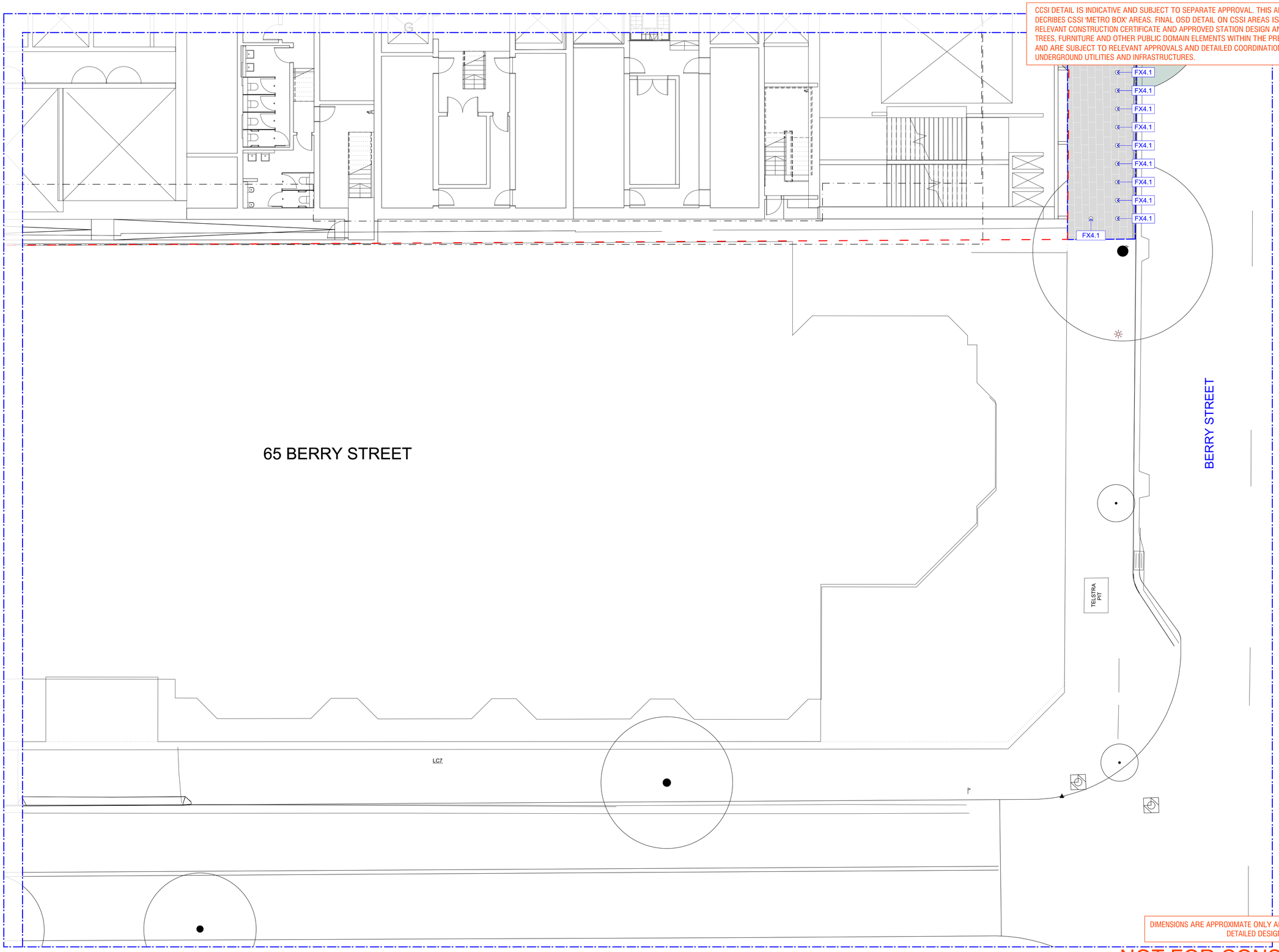


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| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | SM | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 1:100 A3 1:200

0 2.5 5 7.5M

KEY PLAN

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SERVICE PROVIDERS

DRAWN GH

DESIGNED GH

DRG CHECK AL

DESIGN CHECK AL

APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN

GENERAL ARRANGEMENT PLAN SOUTHERN PORTAL - BERRY STREET

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-121005 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

100mm AT FULL SIZE Plot Date & Time

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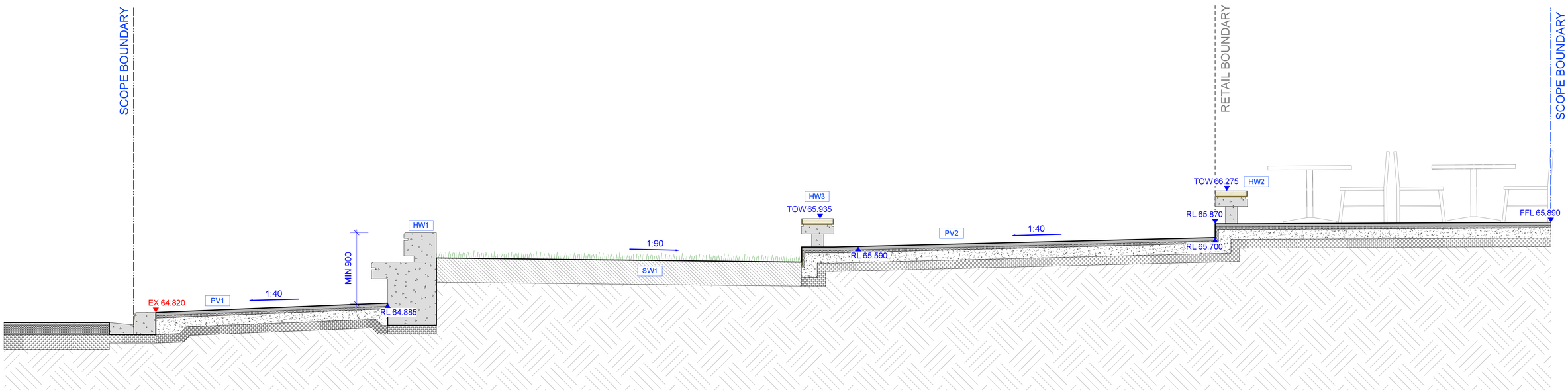


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| B | TL | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 A3
VARIES AS SHOWN

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KEY PLAN

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SERVICE PROVIDERS

DRAWN TL
DESIGNED TL
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN
SOUTHERN PORTAL SECTIONS

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-140001 | REV F

100mm AT FULL SIZE Plot Date & Time

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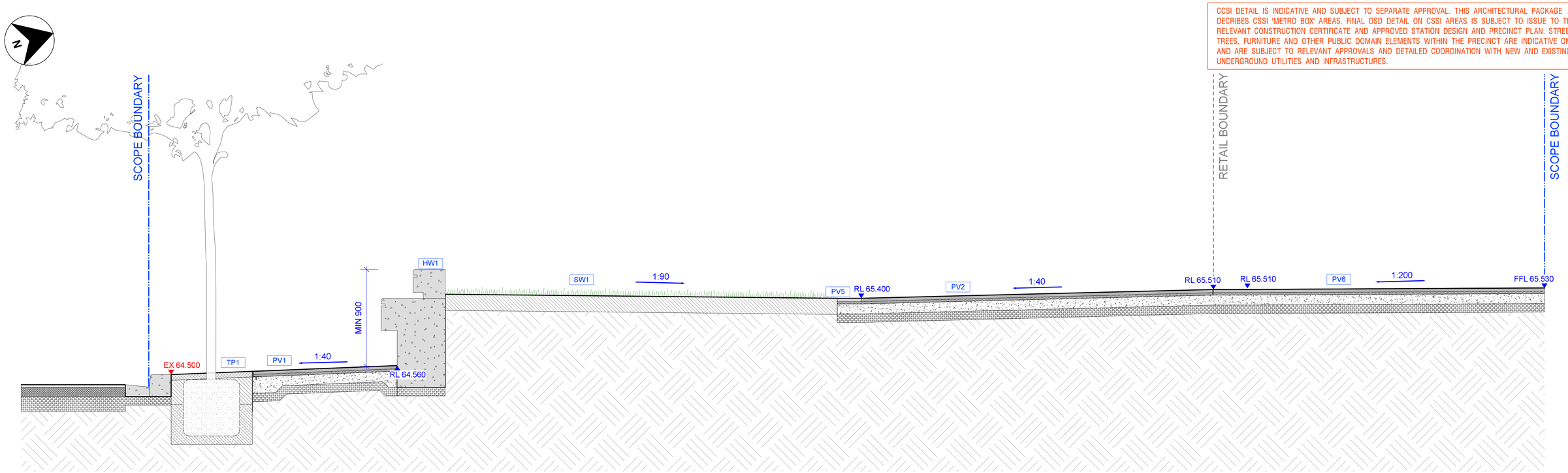


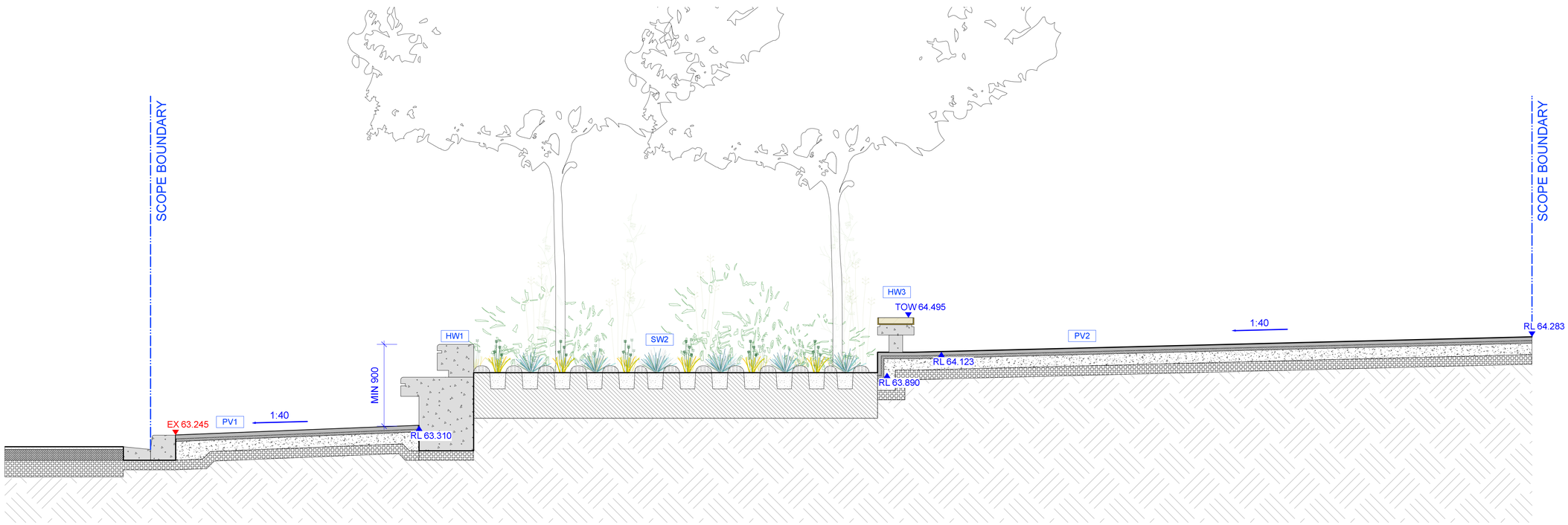


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A1 A3
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DRAWN TL
DESIGNED TL
DRG CHECK AL
DESIGN CHECK AL
APPROVED AL

## SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN
SOUTHERN PORTAL SECTIONS

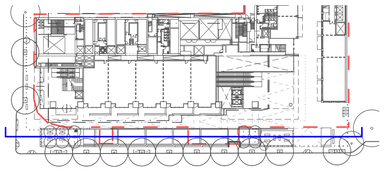
STATUS: SSDA | SHEET n/a OF n/a

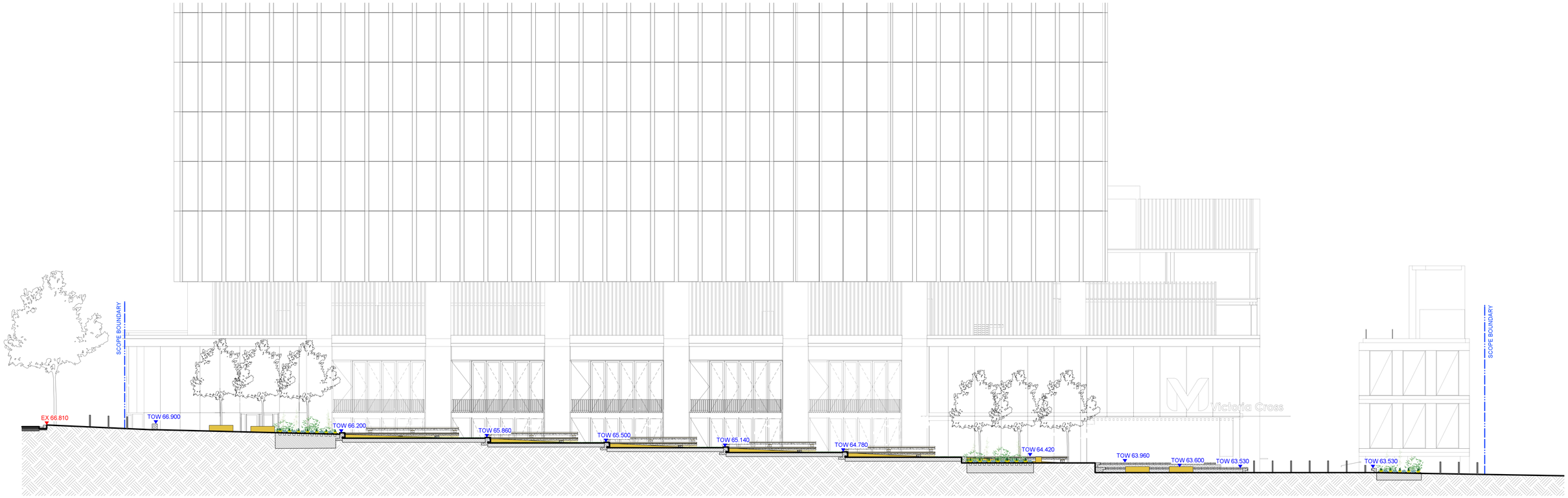
DRG No SMCSWSVI-LLC-SVC-LA-DWG-140002 | REV F

A1 Original | Co-ordinate System: MGA Zone | Height Datum: | This sheet may be prepared using colour and may be incomplete if

100mm AT FULL SIZE Plot Date & Time

CCSI DETAIL IS INDICATIVE AND SUBJECT TO SEPARATE APPROVAL. THIS ARCHITECTURAL PACKAGE DECRIBES CSSI 'METRO BOX' AREAS. FINAL OSD DETAIL ON CSSI AREAS IS SUBJECT TO ISSUE TO THE RELEVANT CONSTRUCTION CERTIFICATE AND APPROVED STATION DESIGN AND PRECINCT PLAN. STREET TREES, FURNITURE AND OTHER PUBLIC DOMAIN ELEMENTS WITHIN THE PRECINCT ARE INDICATIVE ONLY AND ARE SUBJECT TO RELEVANT APPROVALS AND DETAILED COORDINATION WITH NEW AND EXISTING UNDERGROUND UTILITIES AND INFRASTRUCTURES.






DIMENSIONS ARE APPROXIMATE ONLY AND ARE TO BE FINALISED AT DETAILED DESIGN STAGE

ALL DIMENSIONS TO BE CONFIRMED

# NOT FOR CONSTRUCTION

| REV. | BY | DATE | DESCRIPTION | APPD. |
|---|---|---|---|---|
| F | TL | 10/7/19 | SSDA SUBMISSION | |
| E | TL | 28/6/19 | DESIGN DEVELOPMENT | |
| D | TL | 21/6/19 | SDPP SUBMISSION | |
| C | TL | 21/6/19 | SSDA SUBMISSION | |
| B | TL | 31/5/19 | DRAFT CSSI PACK | |
| A | GH | 10/5/19 | DRAFT FOR INFORMATION ONLY | |

A1 A3
VARIES AS SHOWN

KEY PLAN

ISDP

CLIENT

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# SYDNEY METRO

VICTORIA CROSS
PUBLIC DOMAIN
SOUTHERN PORTAL SECTIONS

STATUS: SSDA | SHEET n/a OF n/a

DRG No SMCSWSVI-LLC-SVC-LA-DWG-140003 | REV F

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