# TALLAWONG SOUTH PRECINCT LANDSCAPE DA REPORT

**08 DECEMBER 2020**

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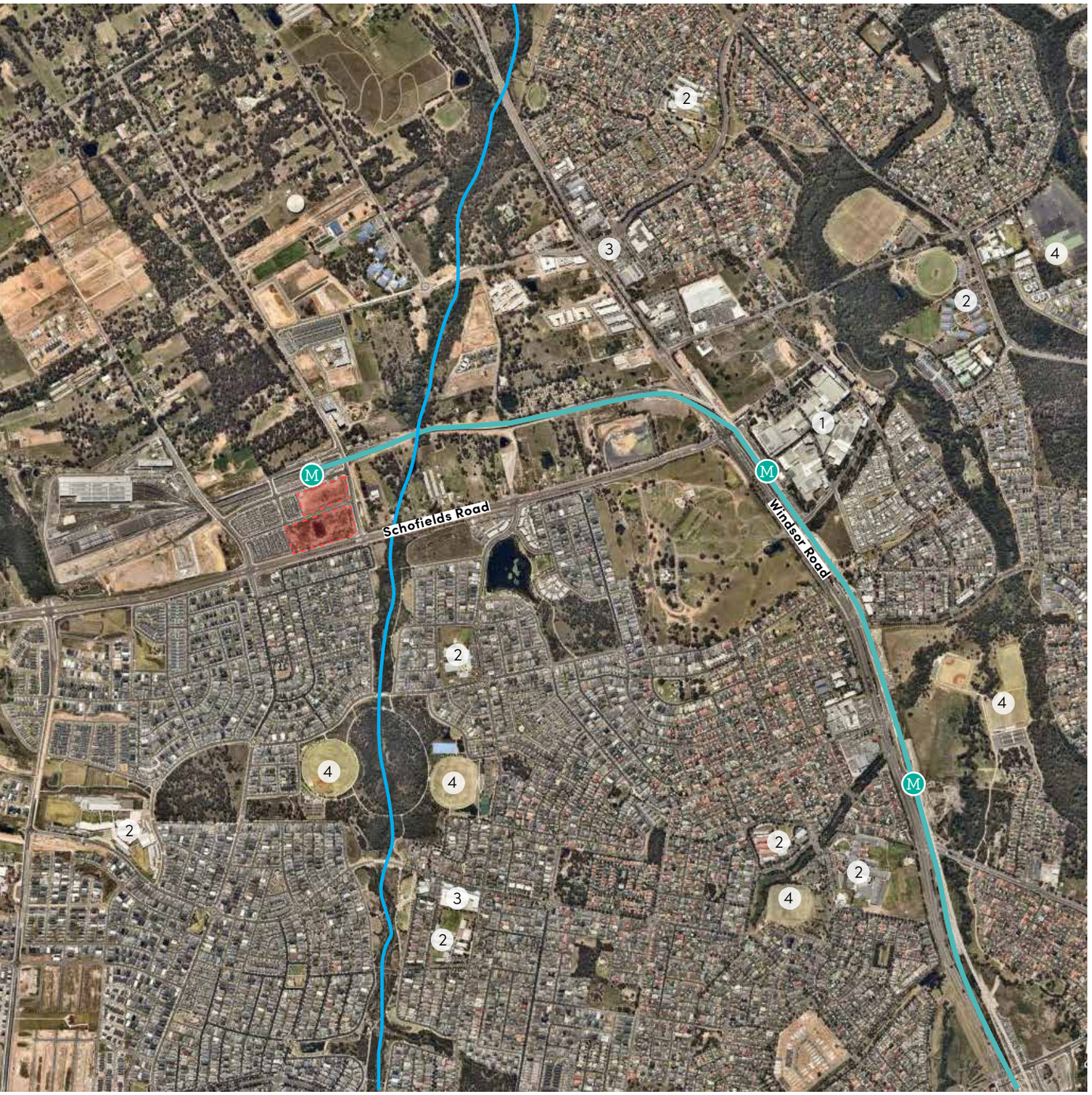
# SITE CONTEXT | LANDSCAPE




## INTRODUCTION

Tallawong is a key destination within the ever-growing North West Priority Growth Area. As the location for the final Norwest Metro line, Tallawong offers the immediate community direct connection to the city and surrounding key recreational, social and economic facilities.

## SITE LOCATION

- The site is directly adjacent to the Tallawong Metro Station.
- Bounded by Schofields Road and Cudgegong Road, the site is well connected by cycle, vehicular and pedestrian transport methods to the immediate developments, including 'The Ponds.'

### TRANSPORT

The most significant transport anchor for the region is Tallawong Metro Station. Only recently opened in mid 2019, the station services Schofields, The Ponds and Marsden Park. It will also service the proposed development area to the north.

### THE LOCAL ENVIRONMENT

Most open space surrounding the site is agricultural property, particularly to the north of Tallawong Station. South of Schofields Road, recreational open space and curated parklands feature along the Second Pond Creekline.

**LEGEND**

1 Rouse Hill Regional Shopping Centre

2 Educational Facility

3 Local Shopping Centre

4 Open Space Recreation Facility

Metro Stop

Site Boundary

Second Ponds Creekline

Metro Line

# VISION | LANDSCAPE

- Building a green vibrant destination community.
- Live, work and play
- Embrace Local planting character

## Social

Design flexable green open spaces to facility local community events and gatherings

## Local

Embracing the local context of tallawong station

## Street amenity

Create green streets to mitigate urban heat island affects

## Comfortable

The Sydney is hot in summer and often cool in winter. Ensuring appropriate levels of shade in summer and sun in winter will help create comfortable spaces year-round and foster a social and connected community.

# DESIGN STATEMENT | LANDSCAPE

## PUBLIC DOMAIN/PUBLICLY ACCESSIBLE OPEN SPACE.

The proposal development will deliver a new standard in public domain along the North West Priority Growth Area. Delivering high end public realm comprising of green open space with a high end playground which will combine traditional play equipment/structure with the nature play. The communal garden is themed around the native plants of the region.

### STREETSCAPES

The steetscape design creates a vibrant, diverse and cool environment and character.

## URBAN ELEMENTS

Elements such as paving, furniture, fencing and lighting will be developed further during detailed design. Refer page 70-73 for proposed materials & finishes.

## AMENITY

The design will incorporate a variety of amenities such as communal BBQ areas and seating. This is in line with providing a rich collection of spaces and activities for people of all ages and backgrounds. Many of these spaces are sheltered by either planting or awnings that will provide summer shade and protect people from the elements.

Communal food productions gardens has been provided on the rooftops spaces to create a senses of community and local culture, providing opportunities to engage with there neighbors.

## ACCESSIBILITY

All residents and local, community may access and enjoy the public domain Universal access to AS1428 has been incorporated into where possible, connecting walkways, the pubic spaces and building entries without compromising design quality.

Gently graded pathways will provide accessibility for all age groups and degrees of mobility; ensuring that residents can access site amenities comfortably. Paths are rationally laid out into a clear and identifiable pathway network assisting orientation for visitors, and access to and from building entries and service areas.

## LIGHTING

Lighting of external spaces will be provided to ensure access points and pathways are well lit, improving visibility and the sense of safety. Lighting of the communal open spaces will ensure safe levels of illumination for movement, whilst considering the impact on private residences. Unobtrusive lighting will be incorporated to enable night time recreational use.

Careful consideration will be taken in selecting lighting fixtures which do not spill light into the surrounding areas.

Lighting to through-site link to be provided through low level lighting focusing downward on pathways and seating nodes via seating strip lighting. Post top and bollard lighting is not recommended due to potential spill lighting into adjacent private residence windows.

## DRAINAGE AND IRRIGATION

Surface drainage grates will be provided at the interface of all building entries to prevent ingress of water into internal spaces. Drainage grates are also to be provided at the interface between boundary paved surfaces where grades would sheet water from private to public areas. Drainage of the park will be diverted in to WSUD treatment where possible. Please refer to civil drawings for locations.

Irrigation will be provided to all soft landscape areas , to be developed in the detail design phase.

## SOIL

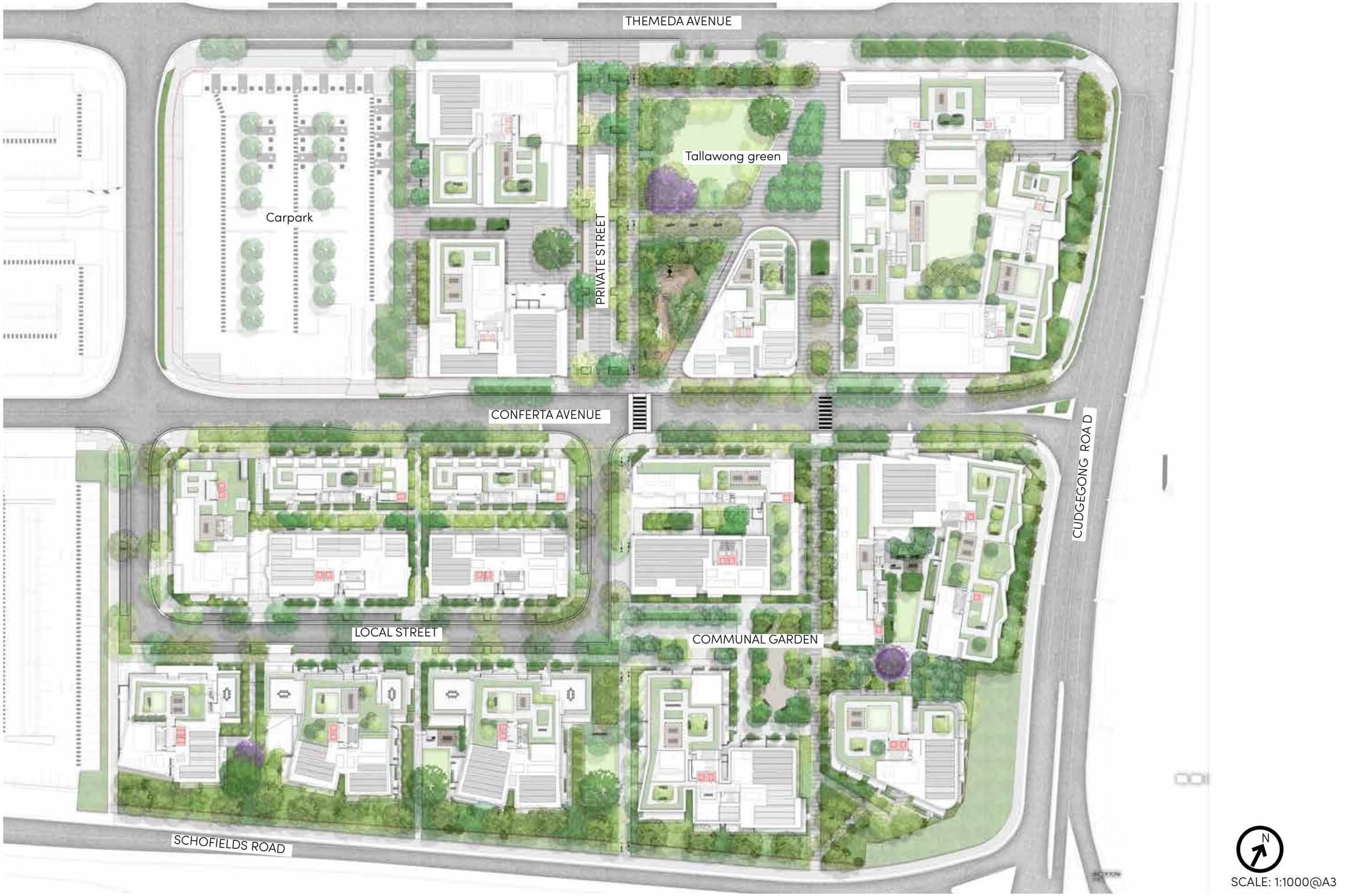
SESL has been engaged to provide the appropriate soil profiles for the species selected using a combination of imported and site soils to build custom profiles for the project. Planting will comprise of a complementary mix of largely native species with a handful of exotic species. Soil requirements will therefore differ according to varying soil chemistries enjoyed by individual species. Soils profiles will be developed in the detailed design phase.

## PLANT ESTABLISHMENT AND MAINTENANCE

A landscape maintenance contractor will be engaged to keep all plant material in a state of health and vigour after practical completion. The appointed contractor must provide the Superintendent with a proposed maintenance works program for approval. The landscape contractor must keep a logbook of all maintenance works undertaken and include 'works to date' information with all progress payment invoices. Works will include, but not be limited to:

- Monitoring the irrigation system on a weekly basis to ensure plants are not under or over irrigated,
- Replacing dead plant material to achieve a complete cover of planting without obvious gaps in planting at final completion,
- Replenishment of mulch as required to provide cover to the soil surface minimizing weed encroachment,
- Suppression of weed growth,
- Low phosphorus nutrient will be provided to native plant groupings, and a broad spectrum fertiliser applied to exotic plant groupings to satisfy differing chemical requirements,
- Selective pruning / crown lifting / canopy shaping of trees to remove potential future structural defects, establish branching above head height, etc.

# SITE MASTERPLAN

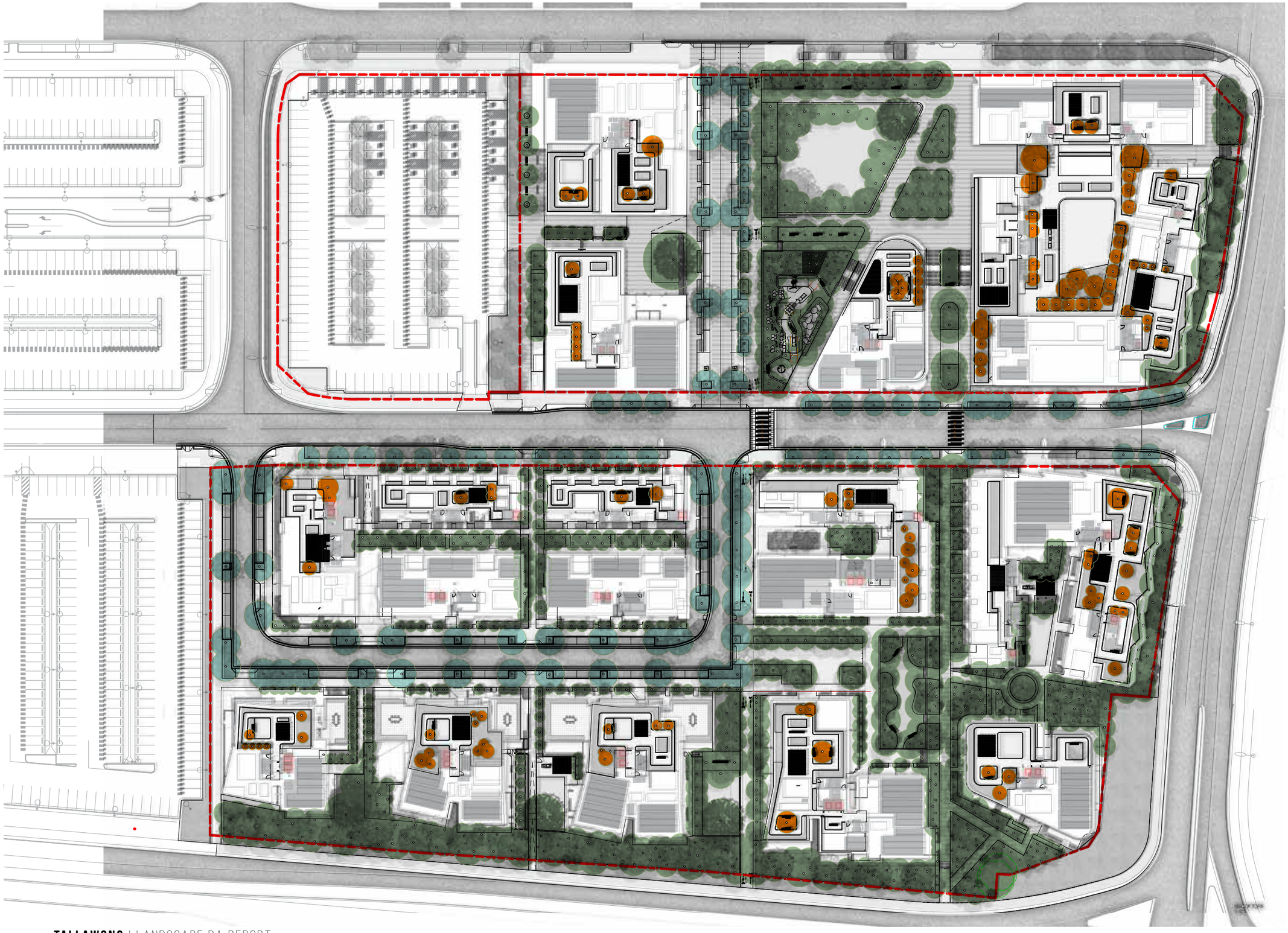


# LANDSCAPE ZONING PLAN

# PUBLIC LANDSCAPE

SCALE: 1:1000@A3

# CANOPY COVERAGE



TOTAL CANOPY COVER 36.4%

- Ground Level 25.4%
- Streets 7.8%
- Rooftops 3.2%

N

SCALE: 1:1000@A3

# COMMUNAL OPEN SPACE /PRIVATE OPEN SPACE

KEY

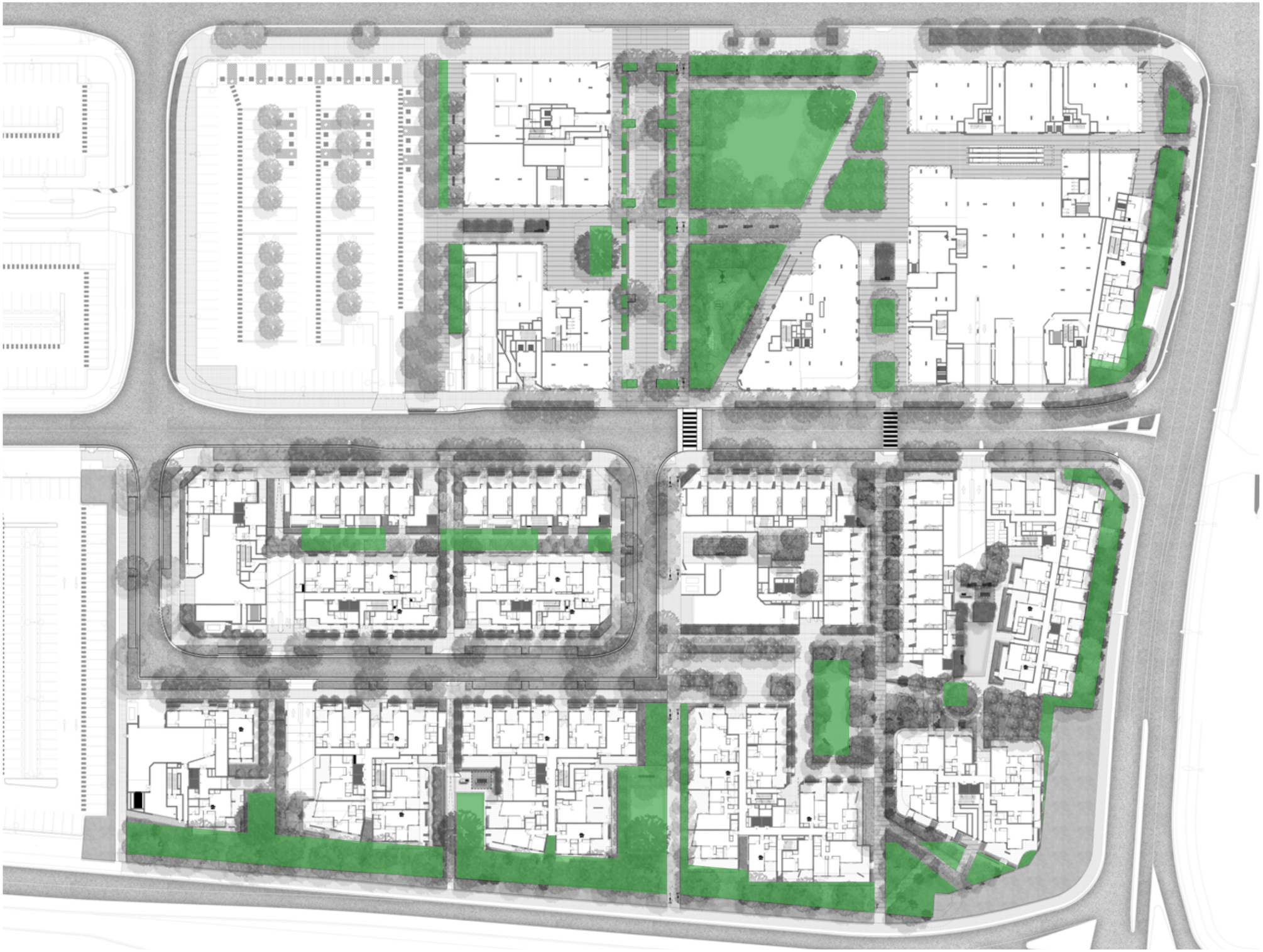
Communal open space

Private open spaces

N

SCALE: 1:1000@A3

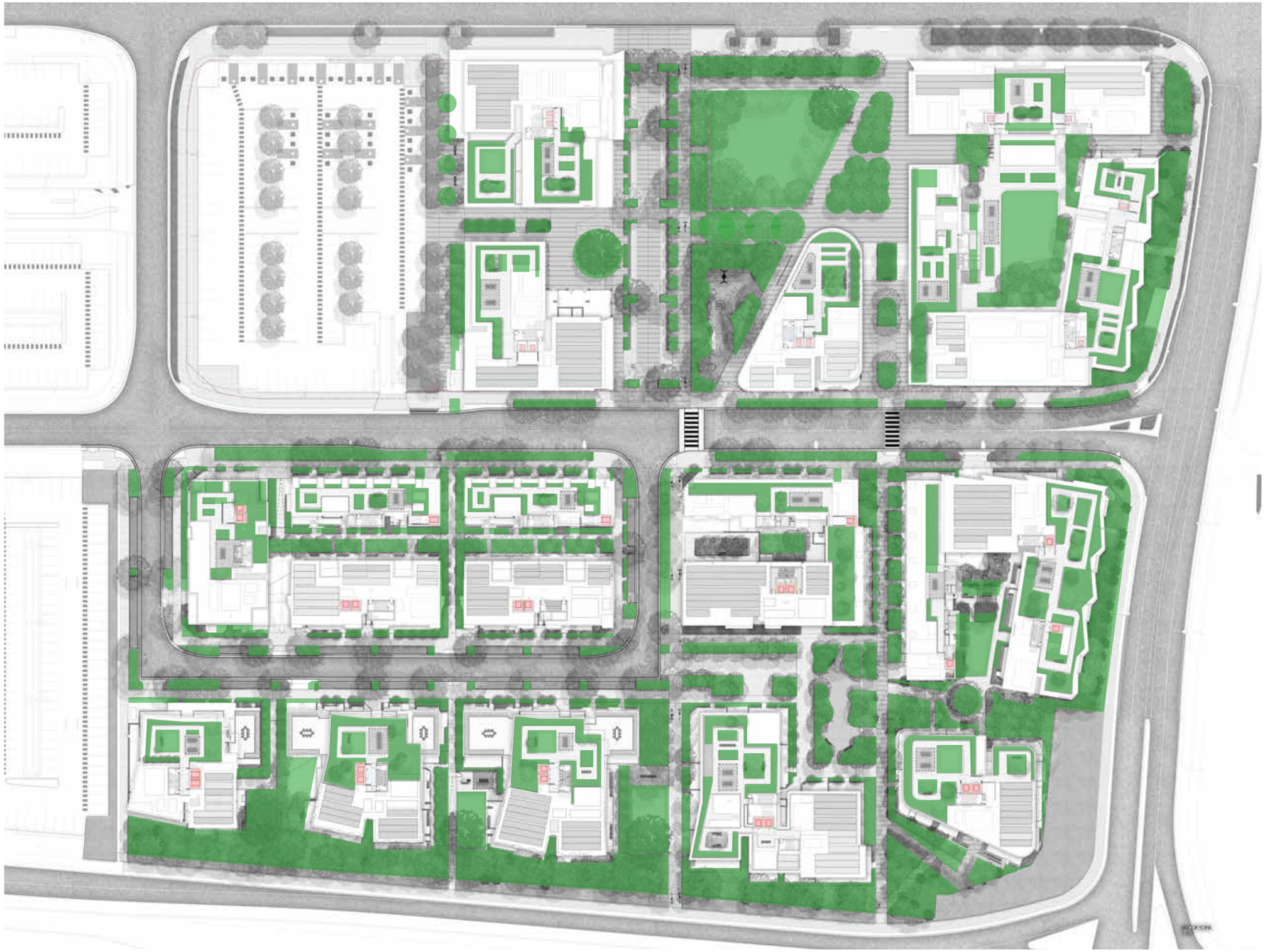
# DEEP SOIL ZONES



KEY

Deep Soil

# SOFTSCAPE ZONES



KEY

Softscape

# SSDA PLAN AND ANALYSIS

SSDA LANDSCAPE DESIGN

DA LANDSCAPE DESIGN

## KEY CHANGES/ IMPROVEMENTS

### TOWN PARK AND PLAZA

- Increase in town park size
- Playground has shifted locations to the southern end of the site improving connection to stage 2.
- Shifting the accessible walkways along the western side of the park and removal of the ramp from the middle of the site improves the connectivity and reduced the loss of active retail onto the park.
- Increase in buffer and shade planting around the park
- Incorporation of WSUD into the park to reduce urban runoff

### RETAIL COURTYARD (WESTERN PLAZA)

- Retail courtyard shifted to improve the connectivity with the park

### CUL DE SAC PLAZA (COMMUNAL GARDEN)

- Vehicle access has been removed and increased planting and user amenity and reduces the heat Island effect

### PRECINCT ENTRY (SCHOFIELD ROAD ENTRY)

- An additional pathway has been added to improve the North/South connectivity

### STREETS

- The street between Themed and Conferta has been turned into a private road which has allowed the increase in planting and trees.
- The Street trees on Conferta have been moved into the verge planting

### COMMUNAL OPENS SPACE

- Increase in communal open space on rooftops

# GROUND LEVEL

# STAGE ONE

# STAGE 1 | SITE PLAN

N

SCALE: 1:500@A3

# STAGE 1 SITE SECTION A

# ANALYSIS | KEY SPACES

N

SCALE: 1:500@A3

# THE GREEN

KEY PLAN

KEY

- Site Boundary
- Basement
- (1) Planted Bosque with flexible seating
- (2) WSUD
- P1b Concrete unit paving
- P3 Soil Bonded Gravel
- KE 300mm(W) 150mm(H) Concrete Kerb edge
- KR Grassed Kerb Ramp
- W2 200mm Concrete wall
- ST Stairs
- HR Handrails
- S1 BCC HUB seat with back & arm Rest
- Lawn
- Planting
- Trees refer to tree schedule to species

BCC Hub Seating with back and arm rest

SCALE: 1:200@A3

ARTISTIC IMPRESSION ONLY

# PLAY SPACE

KEY PLAN

KEY

- Site Boundary
- Basement
- P1b — Concrete unit paving
- P5 — 300mm thick ANL Softfall mulch
- P6 — Rosehill TVP softfall
- W4 — Sandstone log wall
- SF — Stairs
- HR — Handrails
- S1 — Timber Bench on wall
- QC — COR10460 - Kompan Quad Cube
- IS — KPL123 Kompan wheelchair Carousel
- BS — NRO906-1102 - BIRDS NEST SWING Ø120 Untreated
- PB — Play Sandstone boulders Max height 600mm width 600-1500mm
- PL — Play logs Max height 600mm
- CN — Climbing Rope Net up the slope
- F1 — 1.2m high Child Safe Fence
- Lawn
- Planting
- Trees refer to tree schedule to species

N

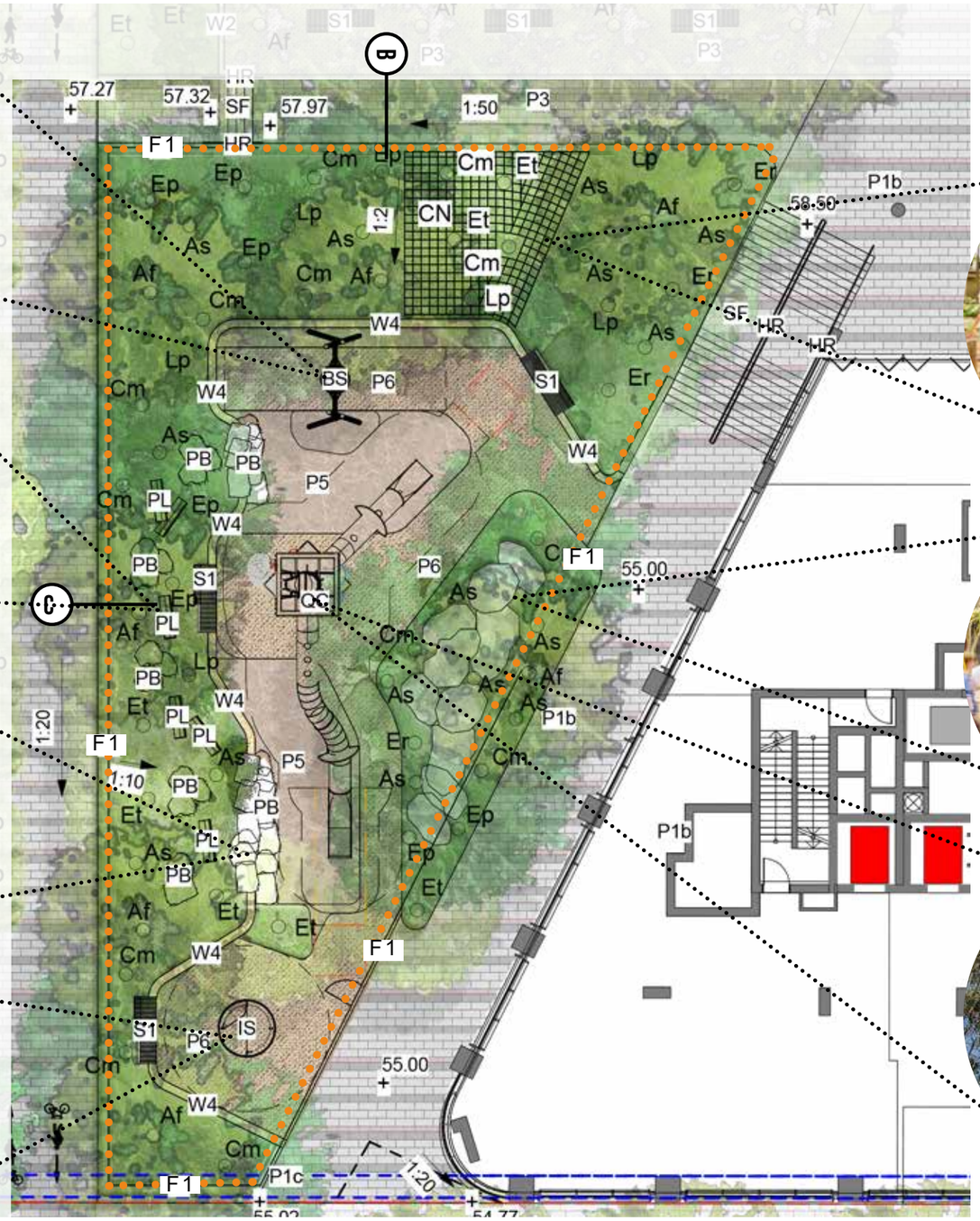
SCALE: 1:200@A3

BASKET SWING

NATURE PLAY

PLAY BOUNLDER

INCLUSIVE CASROUSEL



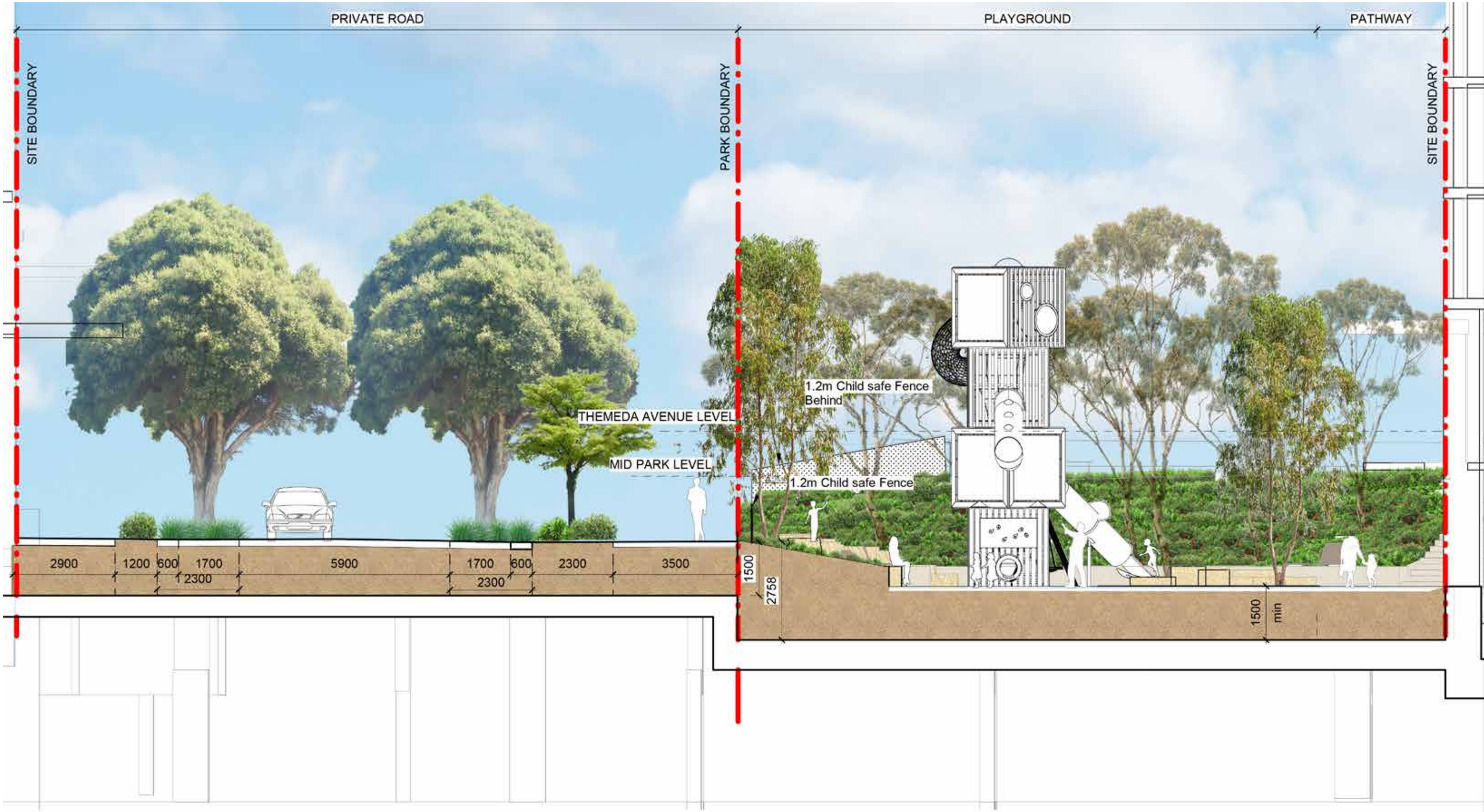

CLIMBING NETS AROUND TREES

NATURE PLAY

PLAY TOWER

# PLAYGROUND LONG SECTION SECTION B

# PLAYGROUND CROSS SECTION C



# LOWER PLAZA

KEY PLAN

KEY

- Site Boundary
- Basement wall/deep soil zone
- P1b — Concrete unit paving
- P1C — BCC Concrete unit paving
- P3 — Soil Binded Gravel
- W1 — 150mm Concrete wall
- SF — Stairs
- HR — Handrails
- S1 — Timber Bench seat
- Lawn
- Planting
- XX — Trees refer to tree schedule to species

N

SCALE: 1:200@A3

# LOWER PLAZA SECTION D

ARTISTIC IMPRESSION ONLY

# WESTERN PLAZA

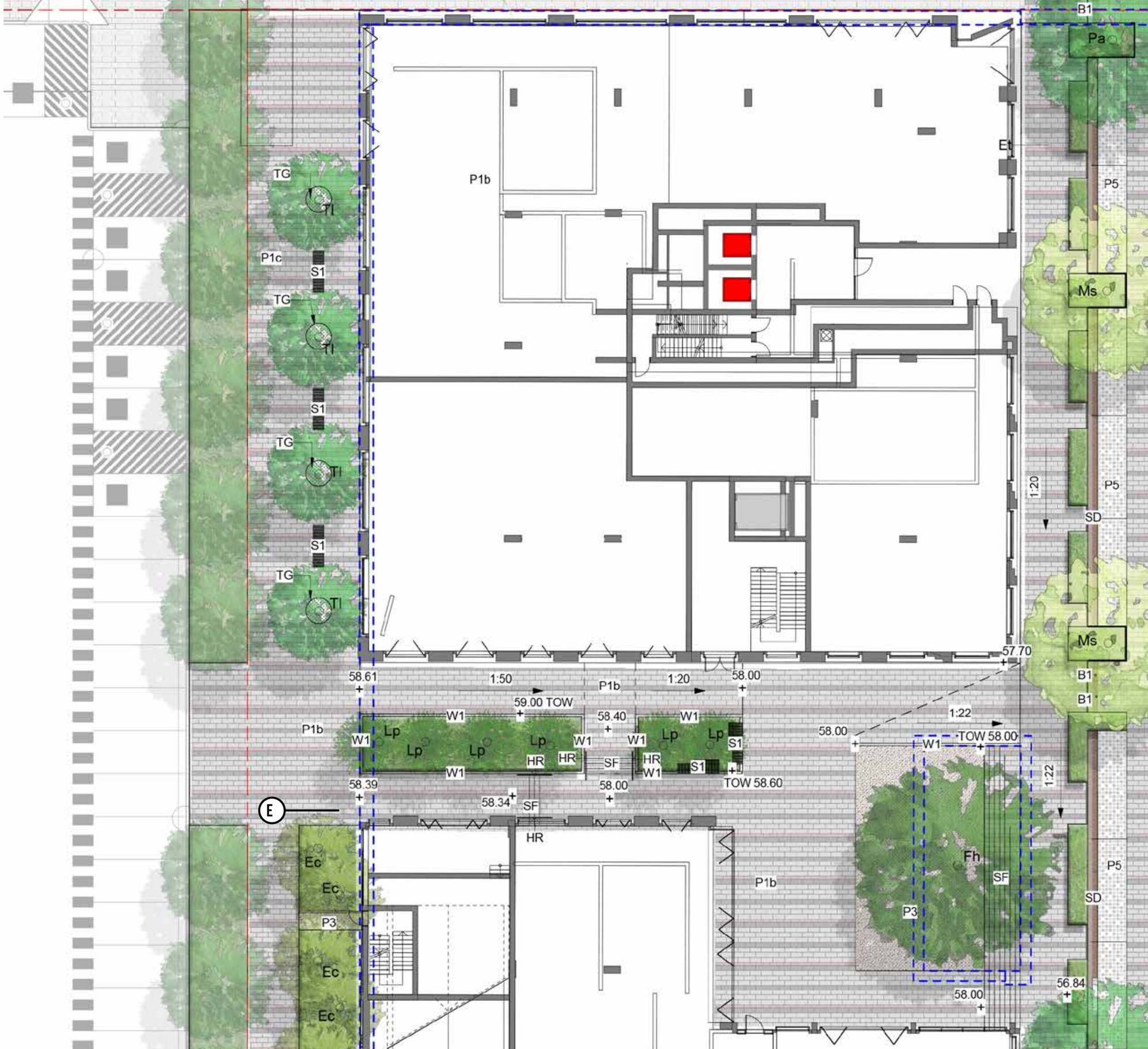
KEY PLAN

KEY

- Site Boundary
- Basement
- P1b — Concrete unit paving
- P3 — Soil Binded Gravel
- W1 — Concrete wall
- SF — Stairs
- HR — Handrails
- S1 — Timber Bench seat
- TG — Tree Grate
- B1 — Bollards
- Lawn
- Planting
- XX — Trees refer to tree schedule to species

N

SCALE: 1:200@A3



# WESTERN PLAZA SECTION E

# VIEWS

ARTISTIC IMPRESSION ONLY

# THEMEDA AVENUE ENTRY PLAZA

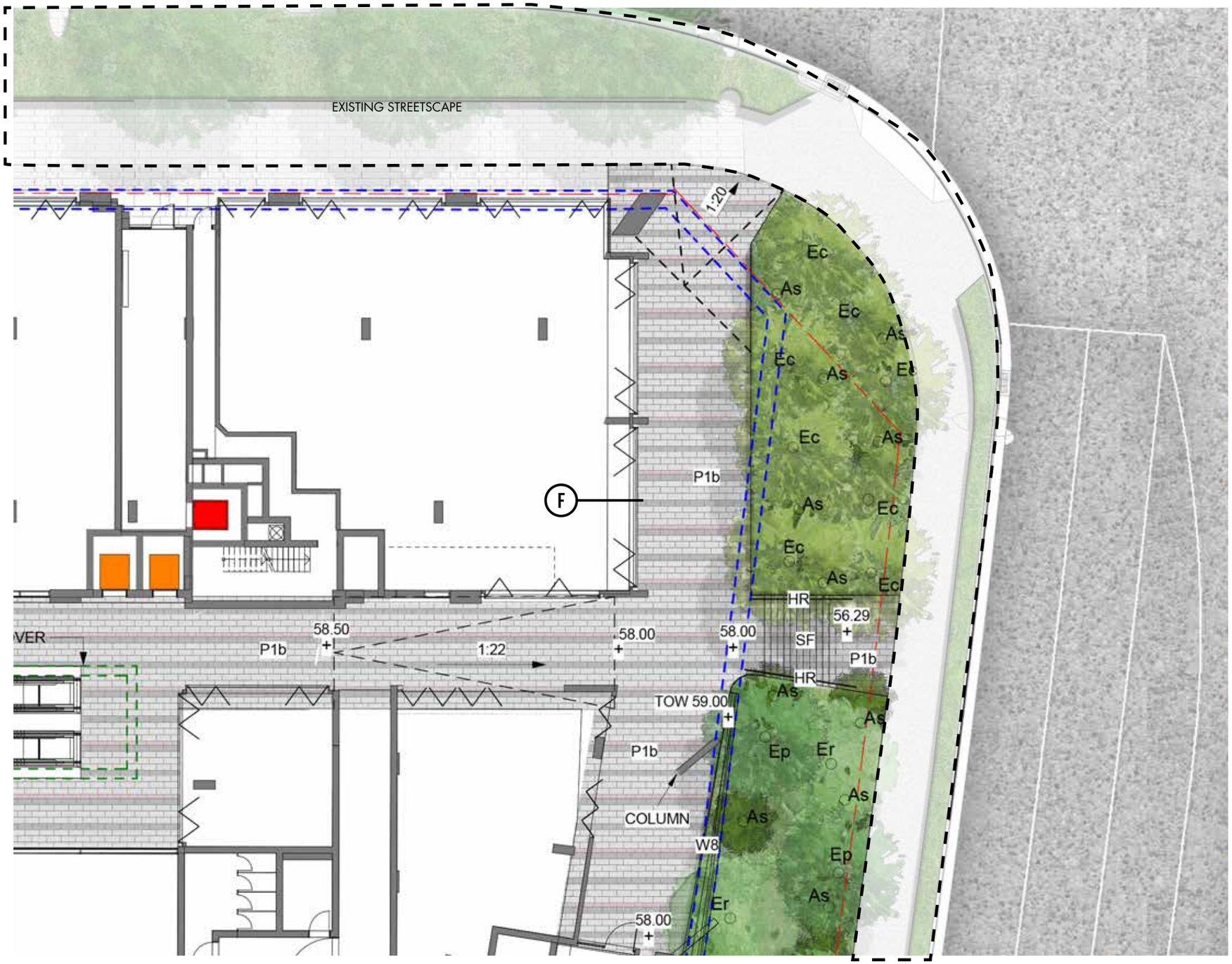
KEY PLAN

KEY

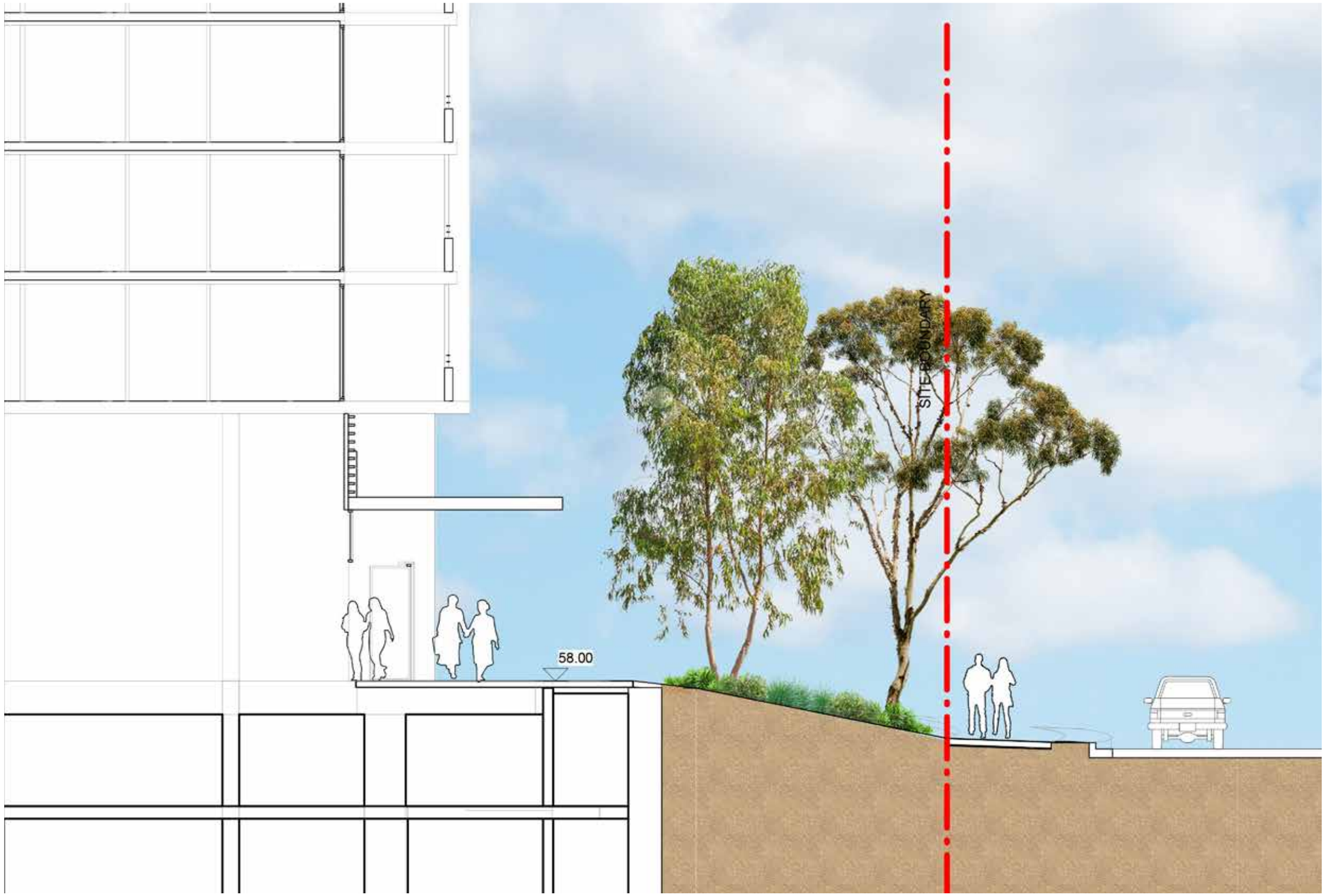
- Site Boundary
- Basement
- P1b — Concrete unit paving
- W8 — 300mm Architectural wall to architect specification
- SF — Stairs
- HR — Handrails
- Planting
- XX — Trees refer to tree schedule to species

N

SCALE: 1:200@A3



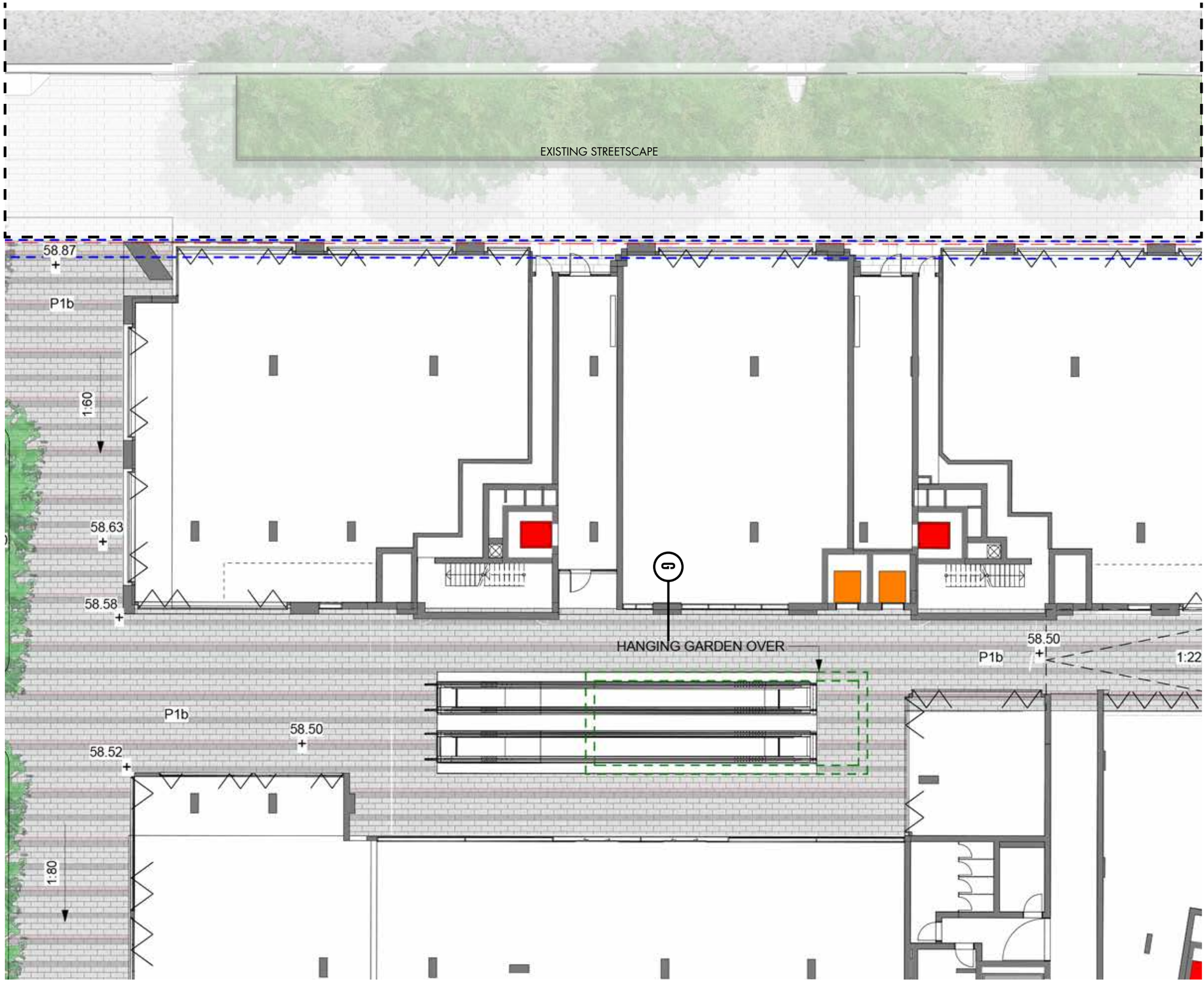
# THEMEDA ENTRY PLAZA SECTION F



# VIEWS

# MARKET PLAZA

KEY PLAN



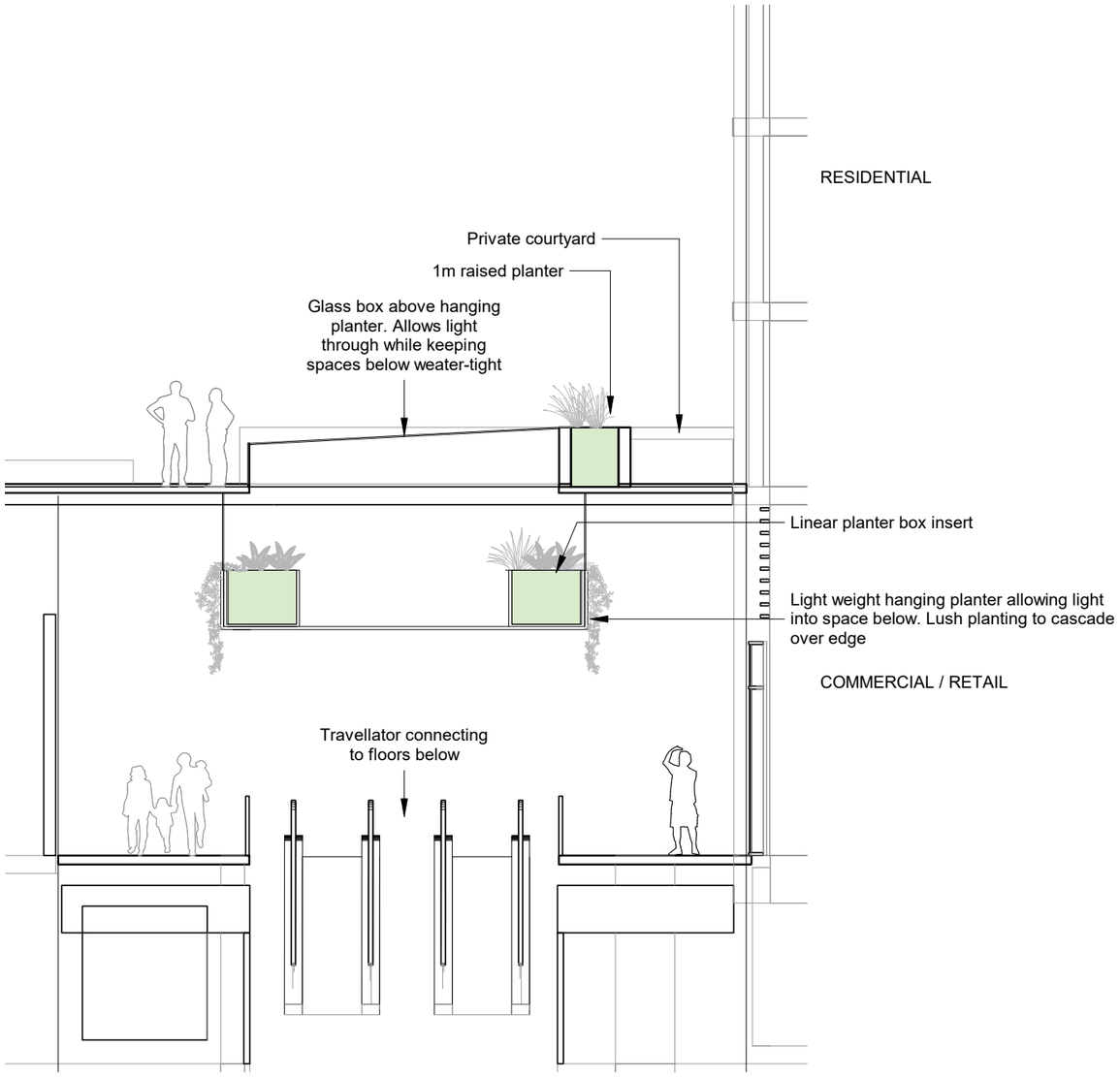

KEY

- Site Boundary
- Basement
- P1b Concrete unit paving
- Hanging garden Refer to Typical Detail on L-DA-38

N

SCALE: 1:200@A3

# HANGING GARDENS SECTION G



| CODE | BOTANICAL NAME | COMMON NAME | POT SIZE | DENSITY |
|---|---|---|---|---|
| **PLANTS** | | | | |
| | Carpobrotus glaucescens | Pig face | 200mm | 300mm |
| | Dianella revoluta | Revelation Flax Lily | 200mm | 300mm |
| | Lomandra longifolia | Spiny Head Mat Rush | 200mm | 300mm |
| | Scaevola aemula | Fairy Fan FLower | 200mm | 300mm |

NOTE: Species are indicative and my change in detail design phase

**PLANTING PALETTE**

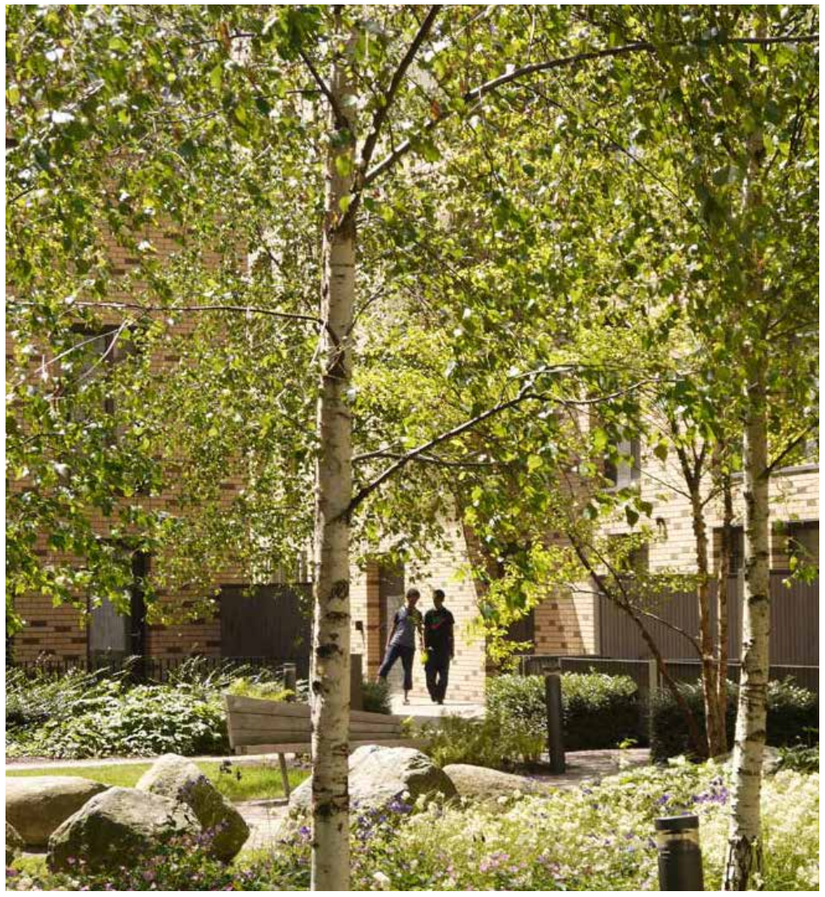
Carpobrotus glaucescens

Dianella revoluta

Lomandra longifolia

Scaevola aemula

# STAGE 2 LANDSCAPE PLAN



CONFERTA AVENUE
LOCAL STREET
NORTH SOUTH CONNECTION
COMMUNAL GARDEN
COMMUNAL LOBBY
COMMUNAL PARK
POCKET PARK
RMS Land
CUDGEGONG ROAD
SCHOFIELDS ROAD

# NORTH SOUTH CONNECTION

KEY PLAN

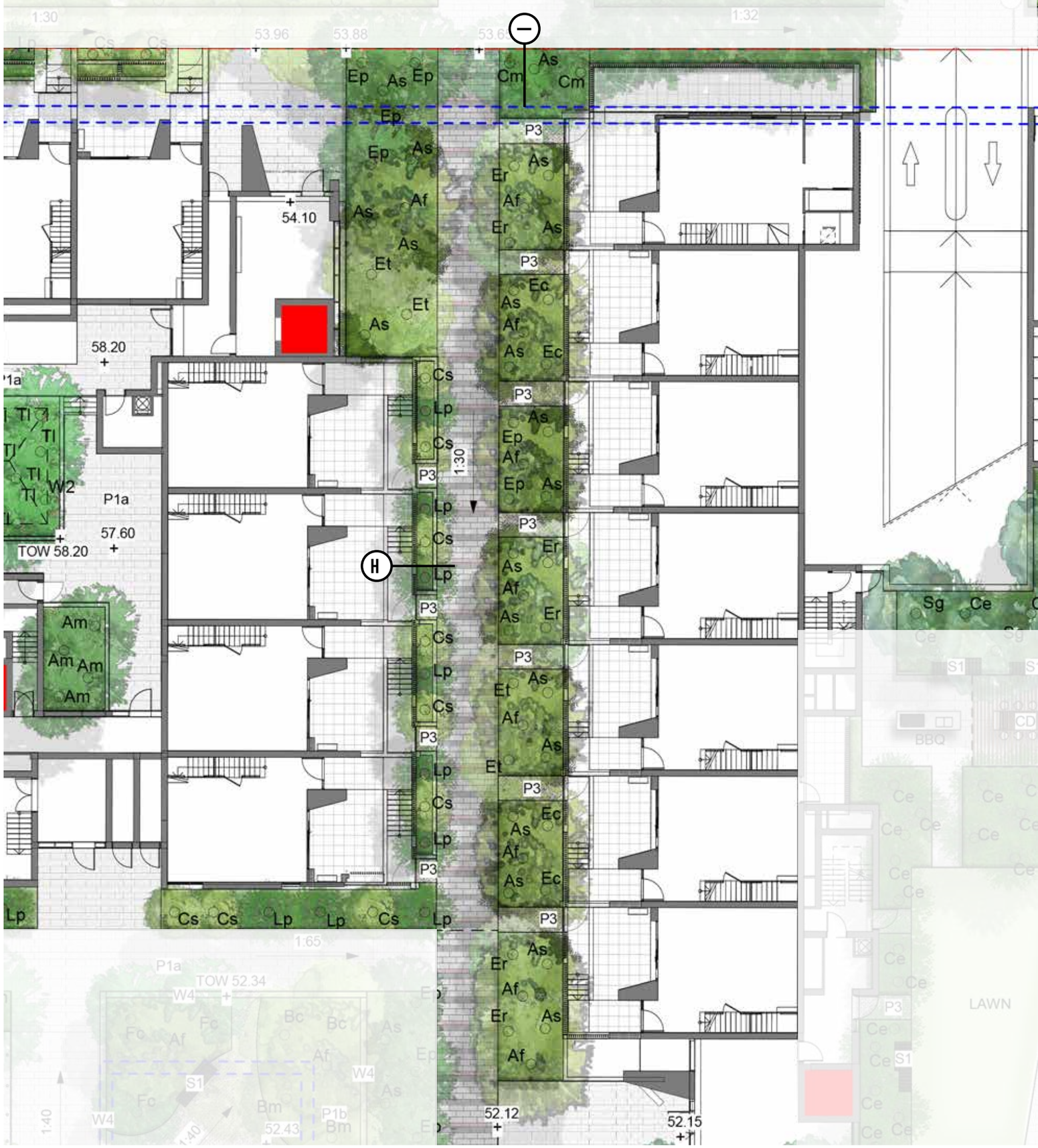
KEY

- P1b — Concrete unit paving
- P3 — Soil Binded Gravel
- Lawn
- Planting
- XX — Trees refer to tree schedule to species

NOTE: Refer to Architects plans for courtyard fencing and details

N

SCALE: 1:200@A3



# NORTH SOUTH CONNECTION SECTION H

# NORTH SOUTH CONNECTION LONG SECTION I

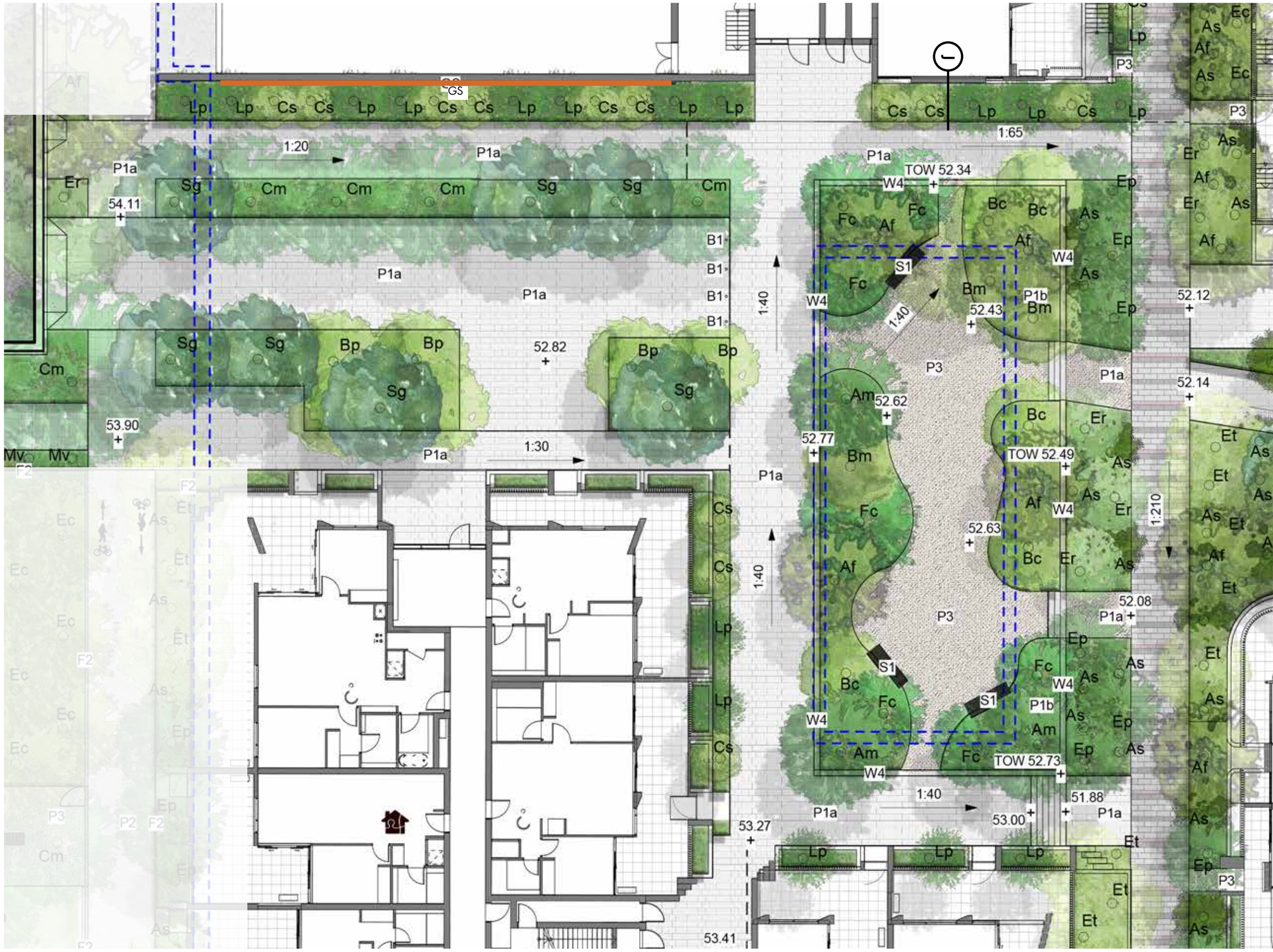
# VIEWS

# COMMUNAL GARDEN

KEY PLAN

KEY

- Basment/Deep Soil Zone
- P1a Concrete unit paving type 1
- P1b Concrete unit paving type 2
- P3 Soil Bonded Gravel
- W4 Sandstone wall/edging
- B1 Bollard
- HR Handrails
- S1 Timber Bench seat with Back and arm rest
- GS Green Screen - Tensile Web mesh
- Lawn
- Planting
- Trees refer to tree schedule to species




SCALE: 1:200@A3

# COMMUNAL GARDEN CROSS SECTION J

# VIEW

# VIEW

# COMMUNAL LOBBY

KEY PLAN

KEY

- Site Boundary
- Basement
- P1a Concrete unit paving type 1
- P3 Soil Bonded Gravel
- W4 Sandstone wall/edging
- F2 Aluminum Security Fence Refer to Fencing plan
- SF Stairs
- HR Handrails
- S1 Timber Seat with backrest
- CS Circles Timber Seat
- BBQ
- PG Pergola
- CD Communal Dinning table
- Lawn
- Planting
- Trees refer to tree schedule to species

SCALE: 1:200@A3

# COMMUNAL LOBBY CROSS SECTION K

# VIEW

# SCHOFIELD RD ENTRY

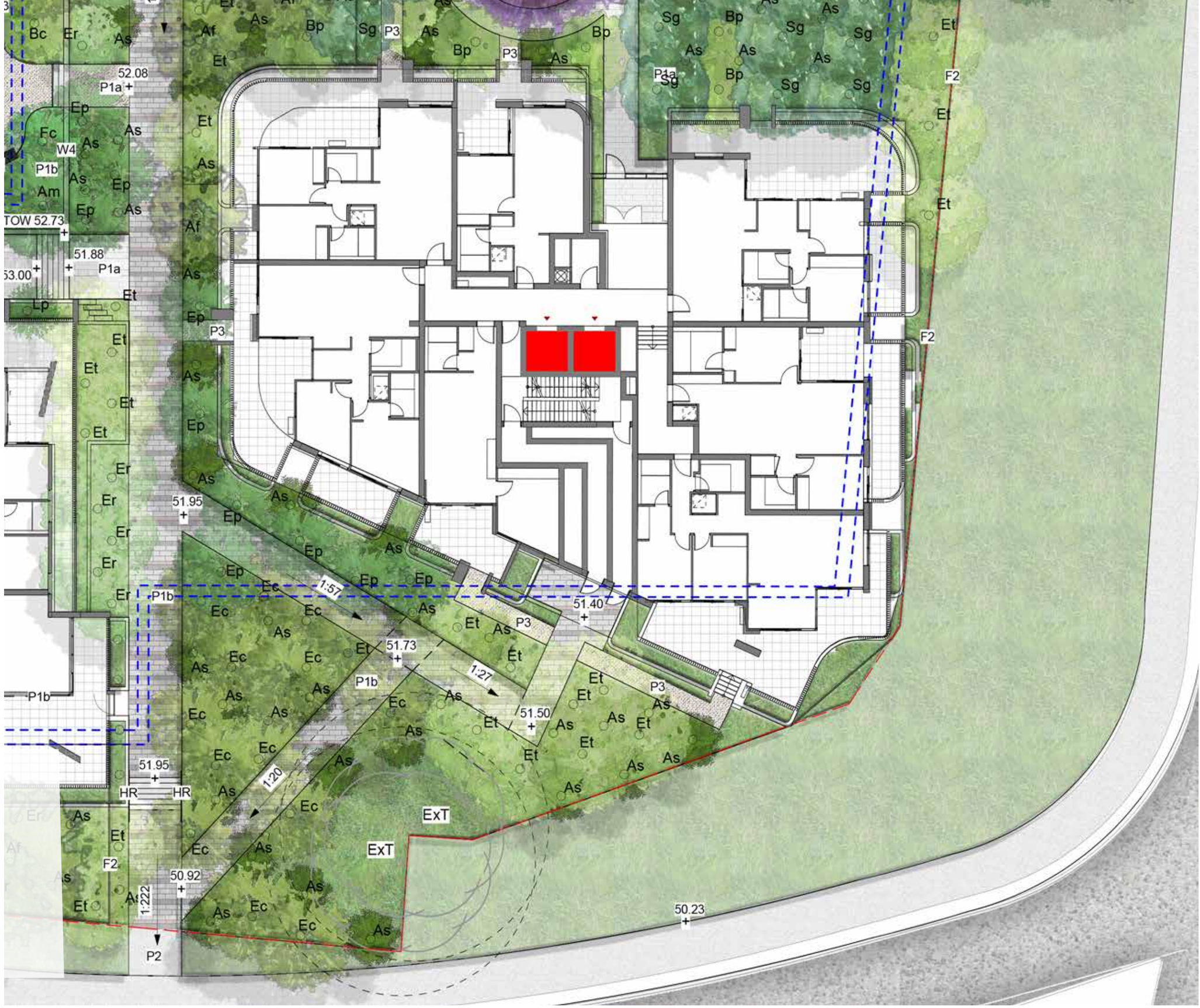
KEY PLAN

KEY

- Property Boundary
- Basement
- P1b — Concrete unit paving type 2
- P2 — Concrete paving to BCC standards
- P3 — Soil Bonded Gravel
- F2 — Aluminum Security Fence Refer to Fencing plan
- SF — Stairs
- HR — Handrails
- Planting
- Trees refer to tree schedule to species

N

SCALE: 1:200@A3



# VIEW

# POCKET PARK

KEY PLAN

KEY

- Site Boundary
- Basement
- P2 — Concrete paving to BCC standards
- P3 — Soil Bonded Gravel
- W4 — Sandstone wall/edging
- F2 — Aluminum Security Fence Refer to Fencing plan
- SF — Stairs
- HR — Handrails
- Lawn
- Planting
- Trees refer to tree schedule to species

SCALE: 1:200@A3

# POCKET PARK CROSS SECTION L

# VIEW

# COMMUNAL POCKET PARK

KEY PLAN

KEY

- Site Boundary
- Basement
- P1a — Concrete unit paving type 1
- W2 — 200mm Concrete wall
- F2 — Aluminum Security Fence Refer to Fencing plan
- BBQ
- CD — Communal dinning
- PG — Pergola
- Planting
- Trees refer to tree schedule to species

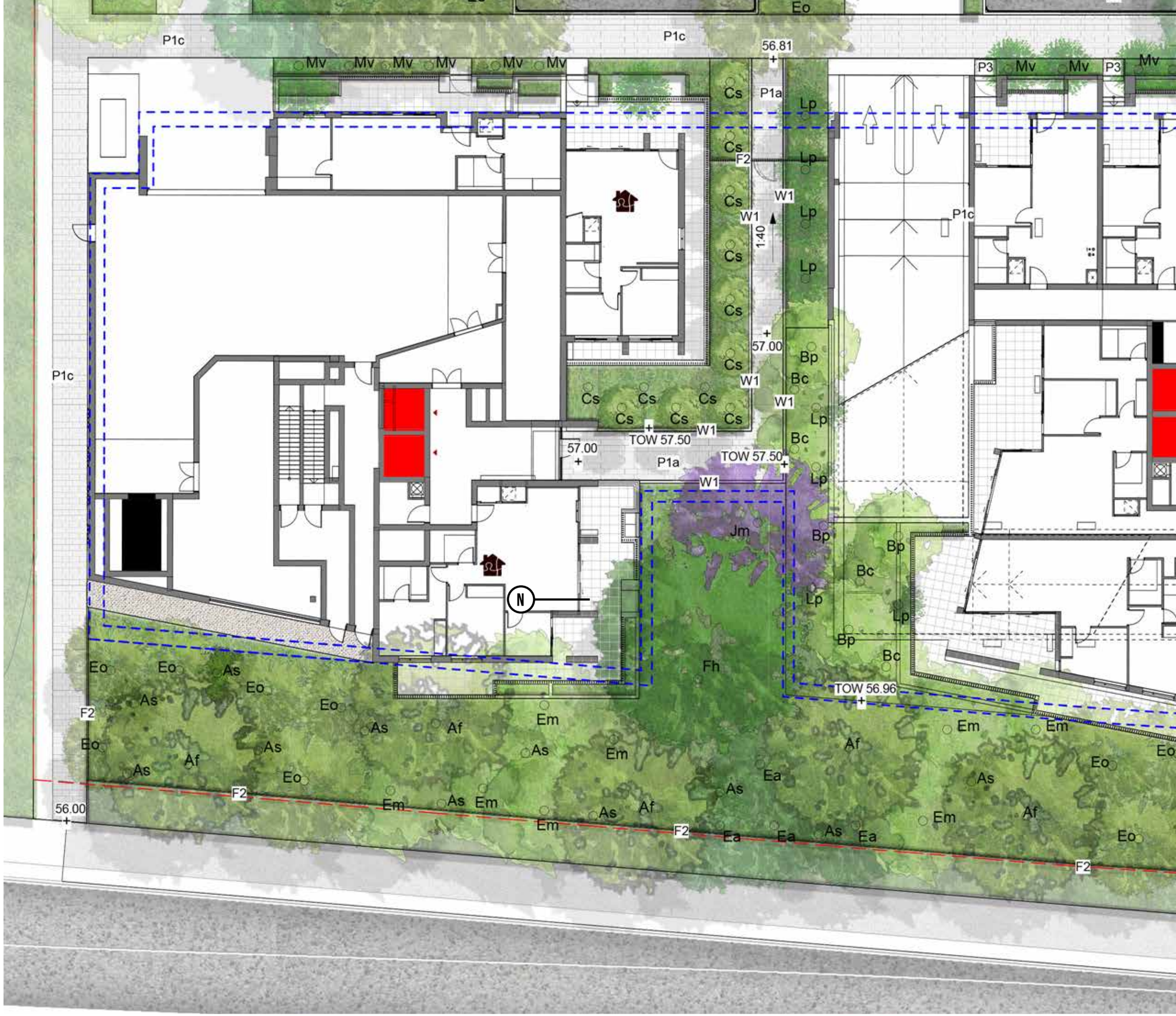
N

SCALE: 1:200@A3

# COMMUNAL POCKET PARK CROSS SECTION M

# LOBBY GARDEN

KEY PLAN




KEY

- Site Boundary
- Basement
- P1a Concrete unit paving type 1
- F2 Aluminum Security Fence Refer to Fencing plan
- Planting
- Trees refer to tree schedule to species

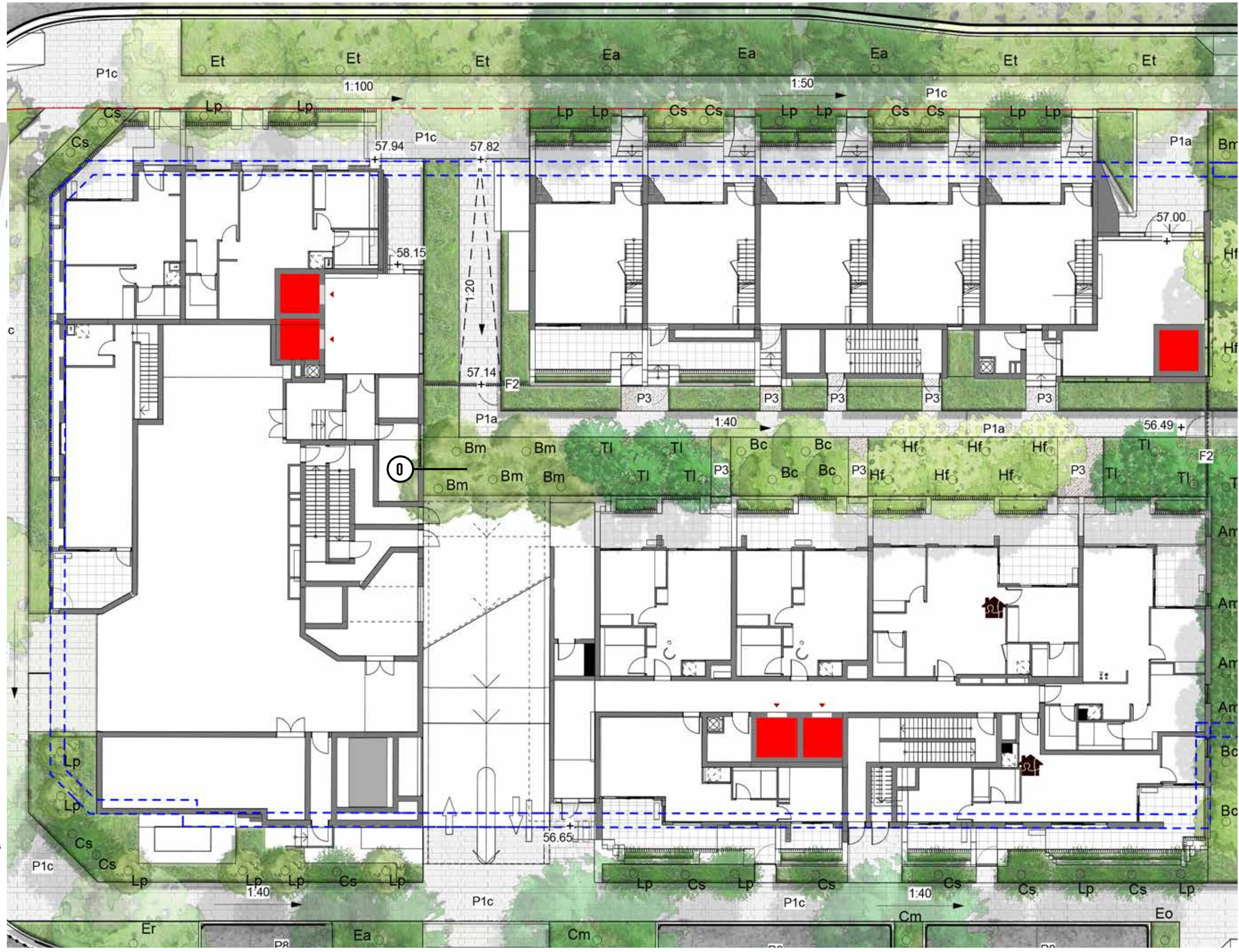
N

SCALE: 1:200@A3

# GARDEN LOBBY CROSS SECTION N

# SITE 2A WEST

KEY PLAN




KEY

- Site Boundary
- Basement
- P1a — Concrete unit paving type 1
- P3 — Soil Bonded Gravel
- F2 — Aluminum Security Fence Refer to Fencing plan
- Planting
- Trees refer to tree schedule to species

N

SCALE: 1:200@A3

# GARDEN LOBBY CROSS SECTION O

# SITE 2A CENTRAL

KEY PLAN

KEY

- Site Boundary
- Basement
- P1a — Concrete unit paving type 1
- P3 — Soil Bonded Gravel
- F2 — Aluminum Security Fence Refer to Fencing plan
- Planting
- Trees refer to tree schedule to species

SCALE: 1:200@A3

# GARDEN LOBBY CROSS SECTION P

# SITE 2A EAST

KEY PLAN

KEY

- Site Boundary
- Basement
- P1a — Concrete unit paving type 1
- P3 — Soil Bonded Gravel
- F2 — Aluminum Security Fence Refer to Fencing plan
- GS — Green Screen - Tensile Web mesh
- Planting
- Trees refer to tree schedule to species

N

SCALE: 1:200@A3

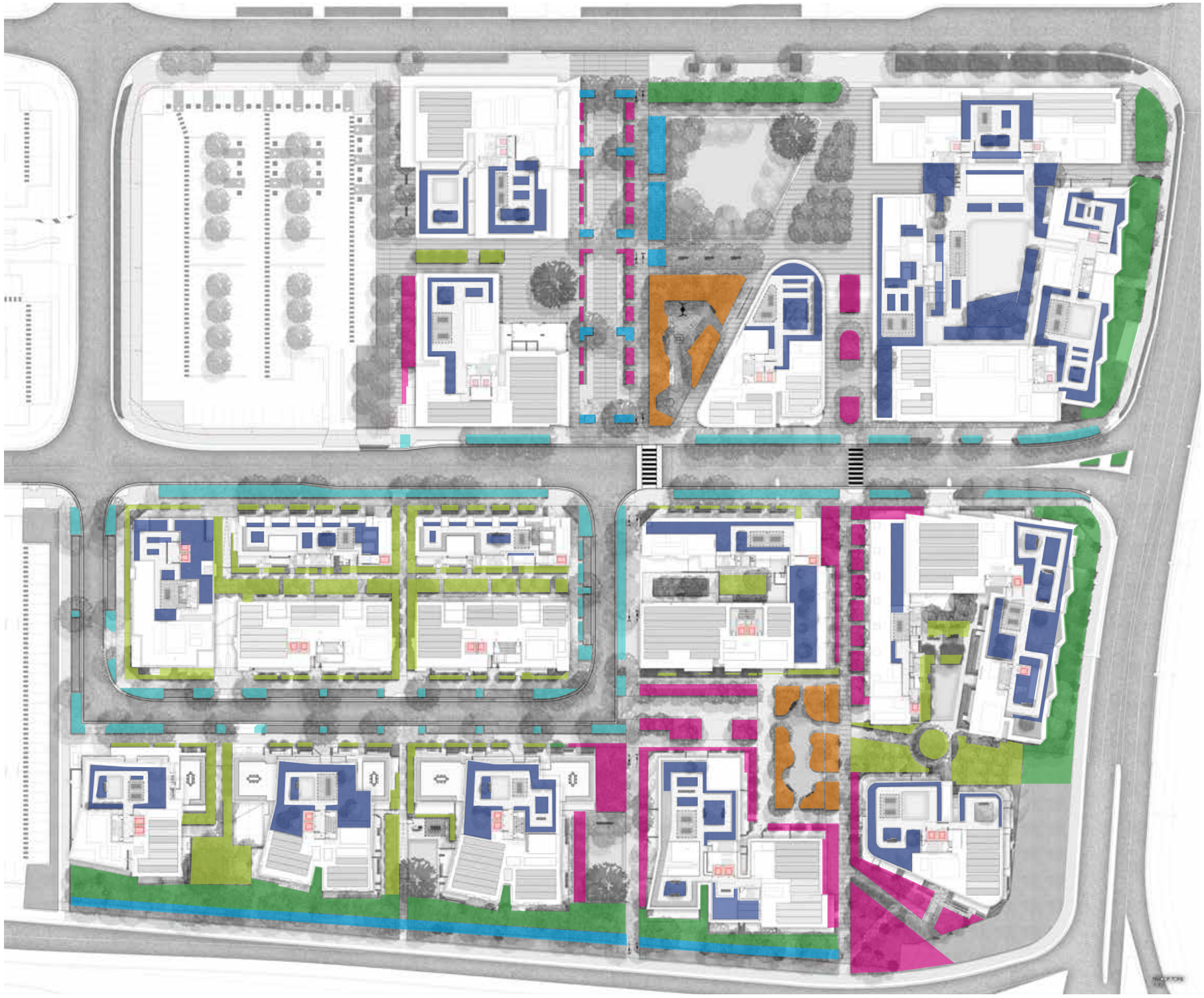
# TREE PALETTE

| CODE | BOTANICAL NAME | COMMON NAME | MATURE HEIGHT | MATURE SPREAD | POT SIZE | DENSITY |
|---|---|---|---|---|---|---|
| **TREES** | | | | | | |
| Af | Angophora floribunda | rough-barked apple | 30m | 10m | 200 - 400L | As shown |
| Am | Acmena smithii | Lily Pily | 12m | 6m | 200L | As shown |
| As | Acacia Species | - | 4m | 2.5m | 100L | As shown |
| Bc | Backhousia citriodora | Lemon Myrtle | 8m | 5m | 100L | As shown |
| Bm | Backhousia myrtifolia | Cinnamon Myrtle | 7m | 4m | 100L | As shown |
| Bp | Brachychiton populneus | Kurrajong | 20M | 8m | 100L | As shown |
| Ce | Callitris endlicheri | Black cypress pine | 12m | 4m | 75L | As shown |
| Cs | Callistemon salignus | White Bottlebrush | 9m | 4m | 75L | As shown |
| Cm | Corymbia maculata | Spotted Gum | 45m | 10m | 200L | As shown |
| Ec | Eucalyptus cinerea | Mealy Stringbark | 15m | 5m | 200L | As shown |
| Er | Eucalyptus crebra | Narrow-leaved Ironbark | 30m | 8m | 200L | As shown |
| Ep | Eucalyptus paniculata | Grey Ironbark | 30m | 10m | 200L | As shown |
| Et | Eucalyptus tereticornis | Forest Red Gum | 45m | 15-25m | 300L | As shown |
| Fc | Ficus coronata | Sandpaper Fig | 6m | 4m | 100L | As shown |
| Fh | Ficus Hilli | Hill's Fig | 25m | 10m | 1000L | As shown |
| Jm | Jacaranda mimosilfolia | Jacaranda | 10m | 15-25m | 400L | As shown |
| Lp | Leptospermum petersonii | Lemon-scented teatree | 5m | 3m | 100L | As shown |
| Pa | Platanus acerifolia | London Plane | 14m | 10m | 400L | As shown |
| Mb | Melaleuca bracteata | Black Teatree | 4m | 2m | 75L | As shown |
| Ms | Melaleuca styphelioides | Prickly Paperbark | 10m | 8m | 400L | As shown |
| Mv | Melaleuca viminalis | weeping bottlebrush | | | 75L | As shown |
| Sg | Syncarpia glomulifera | Turpentine tree | 25m | | 200L | As shown |
| Tl | Tristaniopsis laurina | Water gums | 7m | 3-8m | 1000L | As Shown |
| **SITE 2 - GREEN LANE TREES** | | | | | | |
| Hf | Hymenosporum flavum | Native Frangipani | 8m | 4m | 100L | As Shown |
| Tl | Tristaniopsis laurina | Water Gum | 7m | 3-8m | 100L | As Shown |
| As | Acmena smithii | Lilly Pilly | 12m | 6m | 200L | As shown |
| Bc | Backhousia citriodora | Lemon Myrtle | 8m | 5m | 100L | As shown |
| Bm | Backhousia myrtifolia | Grey Myrtle | 7m | 4m | 100L | As shown |

**NOTE**

- PLANTING PALETTES ARE INDICATIVE AND MAY CHANGE THOUGH THE DETAILED DESIGN PHASE AND AVAILABILITY AT TIME OF PROCUREMENT
- FOR ROOTOP PLANTING PALETTES REFER TO PAGE XXX

# UNDERSTORY PLANTING ZONE PLAN



## UNDERSTORY PLANTING ZONES

- COMMUNAL GARDEN /PLAYSPACE
- WSUD
- BUFFER PLANTING
- NORTH WEST CONNECTION
- STREETSCAPE PLANTING
- GREEN LANE
- ROOFTOP

# UNDERSTORY PALETTE| GROUND LEVEL

| BOTANICAL NAME | COMMON NAME | POT SIZE | CENTRE |
|---|---|---|---|
| **GROUND LEVEL COMMUNAL & LANEWAYS SPACES** | | | |
| Crinum pedunculatum | River Lilly | 300mn | 500mm |
| Dracaena 'Janet Craig' | Janet Craig | 300mn | 400mm |
| Philodendron xanadu | Xanadu Philodendron | 200mm | 600mm |
| Fatsia japonica | Paperplant | 300mm | 500mm |
| Liriope muscari 'Evergreen Giant' | Liriope 'Evergreen Giant' | 200mm | 400mm |
| **COMMUNAL GARDEN/PLAYGROUND PLANTING PALETTE** | | | |
| Arthropodium milleflorum | Vanilla Lily | 200mm | 500mm |
| Austromyrtus dulcis | Midgen Berry | 200mm | 500mm |
| Carpobrotus glaucescens | Pigface | 200mm | 500mm |
| Dodonaea viscosa | Hop Bush | 200mm | 500mm |
| Dichopogon fimbriatus | Chocolate Lily | 200mm | 500mm |
| Eremophila debilis | Winter Apple | 200mm | 500mm |
| Eustrephus latifolius | Wombat Berry | 200mm | 500mm |
| Hibiscus heterophyllus | Native Rosella | 200mm | 500mm |
| Solanum aviculare | Kangaroo Apple | 200mm | 500mm |
| Banksia oblongifolia | Fern-leaved Banksia | 200mm | 500mm |
| Banksia spinulosa | Hairpin Banksia | 200mm | 500mm |
| Dianella revoluta | Blue Flax-lily | 200mm | 500mm |
| Lomandra longifolia | Spiny Mat-rush | 200mm | 500mm |
| Xanthorrhoea australis, | Austral Grass-tree | 400mm | 1000mm |
| **BUFFER PLANTING** | | | |
| Acacia decurrens | Black Wattle | 200mm | 500mm |
| Austromyrtus dulcis | Midyim | 200mm | 500mm |
| Banksia spinulosa | Hairpin Banksia | 200mm | 500mm |
| Breynia oblongifolia | Coffee Bush | 200mm | 500mm |
| Callistemon pinifolius | Pine-Leaved Bottlebrush | 200mm | 500mm |
| Ceratopetalum gummiferum | New South Wales Christmas Tree | 200mm | 500mm |
| Cordyline stricta | Slender Palm Lily | 200mm | 500mm |
| Dianella caerulea | Blue Flax-Lily | 200mm | 500mm |
| Dodonaea triquetra | Common Hop Bush | 200mm | 500mm |
| Gahnia aspera | Rough Saw-Sedge | 200mm | 500mm |
| Indigofera Australis | Australian Indigo | 200mm | 500mm |
| Lambertia Formosa | Mountain Devil | 200mm | 500mm |
| Lomandra hystrix | Green Mat-Rush | 200mm | 500mm |
| Lomatia silaifolia | Crinkle Bush | 200mm | 500mm |
| Oxylobium ilicifolium | Prickly Shaggy-Pea | 200mm | 500mm |
| Persoonia linearis | Narrow-Leaved Geebung | 200mm | 500mm |
| Pollia crispate | Pollia | 200mm | 500mm |
| Polyscias sambucifolia | Elderberry Panax | 200mm | 500mm |
| Telopea speciosissima | New South Wales Waratah | 200mm | 500mm |

| BOTANICAL NAME | COMMON NAME | POT SIZE | CENTRE |
|---|---|---|---|
| **NORTH/SOUTH CONNECTION** | | | |
| Callistemon pinifolius | Pine-Leaved Bottlebrush | 200mm | 500mm |
| Dianella caerulea | Blue Flax-Lily | 200mm | 500mm |
| Goodenia ovata | Hop Goodenia | 150mm | 500mm |
| lomandra tanika | Mat Rush | 200mm | 500mm |
| Gahnia aspera | Rough Saw-Sedge | 200mm | 500mm |
| **WSUD** | | | |
| Lomandra Longifolia | Spiny-head mat-rush | 150mm | 300mm |
| Isolepis nodosa | Knobby club rush | 150mm | 300mm |
| Carex appressa | Tall sedge | 150mm | 300mm |
| Juncus usitatus | Woolly waterlilies | 150mm | 300mm |
| **CLIMBERS** | | | |
| Trachelospermum jasminoides | Star Jasmine | 150mm | 300mm |
| Trachelospermum Tricolour | Tricolour Jasmine | 150mm | 300mm |
| Pyrostegia venusta | Orange Trumpet Vine | 150mm | 300mm |

**NOTE**

- PLANTING PALETTES ARE INDICATIVE AND MAY CHANGE THOUGH THE DETAILED DESIGN PHASE AND AVAILABILITY AT TIME OF PROCUREMENT

- FOR STREETSCAPE PLANTING PALETTES REFER TO PAGE 93

- FOR ROOTOP PLANTING PALETTES REFER TO PAGE 116

# PAVING MATERIAL PALETTE | PUBLIC BCC ASSET

## MATERIALS

CONCRETE PAVING - COMBINATION OF INSITU WITH FEATURE UNIT PAVER BANDS

BLACKTOWN CITY COUNCIL CONCRETE UNIT PAVERS AS PER BCC ENGINEERING GUIDE FOR DEVELOPMENT

CONCRETE PAVING AS PER BCC ENGINEERING GUIDE FOR DEVELOPMENT

ASHPHALT AS PER BCC ENGINEERING GUIDE FOR DEVELOPMENT

SPOON DRAIN DRAINS AS PER BCC ENGINEERING GUIDE FOR DEVELOPMENT

RIASE PREDSTRIAN THESHOLD

AT GRADE PEDESTRIAN CROSSING

PLANTING/ TREE PLANTING . REFER TO STREETSCAPER PLANTS FOR TREE SPECIES AND INDICATIVE PLANTING PALLETTE

# PAVING MATERIAL PALETTE | PRIVATE GROUND LEVELS

## MATERIALS

CONCRETE PAVING - COMBINATION OF INSITU WITH FEATURE UNIT PAVER BANDS

CONCRETE PAVING

90X90X90 COBBLE SETTS

SOIL BOND GRAVEL

ROSEHILL TVP SOFTFALL

300MM THICK ANL SOFTFALL MULCH

# FENCING PLAN

## MATERIALS

FENCE TYPE 1 -1200MM CHILD SPACE FENCE IN ACCORDANCE WITH THE 'EVERYONE CAN PLAY GUIDELINES'

1200MM CHILD SPACE GATE

FENCE TYPE 2A-1500MM ALUMINUM BOUNDARY/ SECURITY FENCING. TO BE INSTALLED ON THE BOUNDARY LINE

FENCE TYPE 2B-1200MM ALUMINUM BOUNDARY/ SECURITY FENCING.

NOTE:

FOR PRIVATE COURTYARD FENCES REFER TO ARCHITECT'S DRAWINGS.

# FURNITURE AND URBAN ELEMENTS | GROUND LEVELS

## STRATEGY

### FURNITURE AND FIXTURES

All furniture and fixtures for the site will be

- Durable and functional.
- Able to facilitate social and communal activities.
- Adaptable to the needs of the community, including being childsafe.

CONCRETE RAISED PLANTERS

GANITE SPOON DRAIN

CIRCULAR SEAT AROUND FEATURE TREES

BCC HUB SEAT WITH BACK AND ARM REST

CUSTOM SEATING ON WALLS

BINS: MOSURBAN - OXLEY BIN 120L, SATIN BLACK WITH SLATS.

BOLLARDS AND DRINKING FOUNTAINS

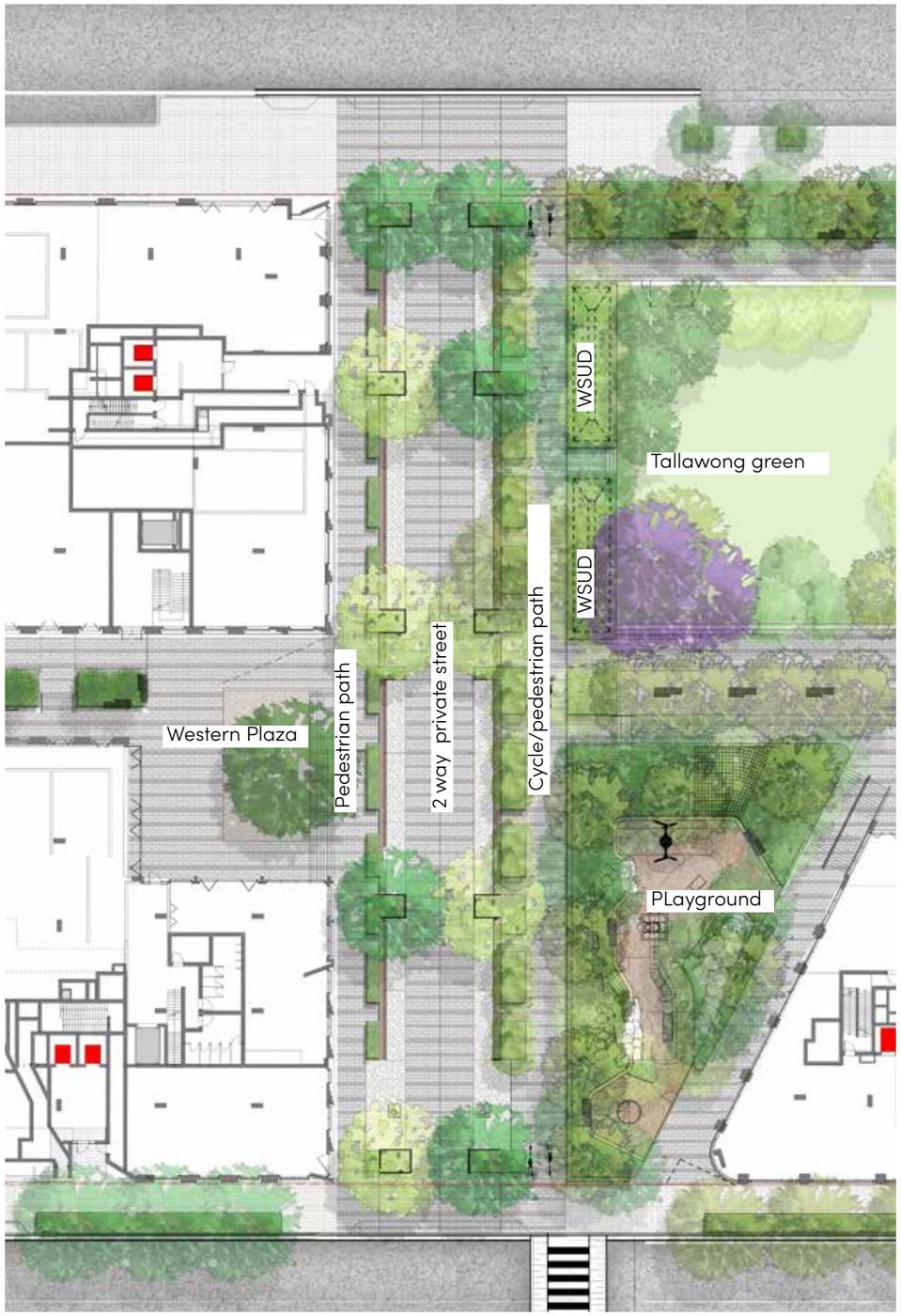
LIGHTING: IGUZZINI - MULTI-WOODY

TREE UP-LIGHTING

# STREETSCAPE AND INTERFACE

# PRIVATE STREET

KEY PLAN



KEY

- Concrete unit paving type 2
- 90x90x90 Granite Cobble Setts
- Planting
- Trees refer to tree schedule to species

N

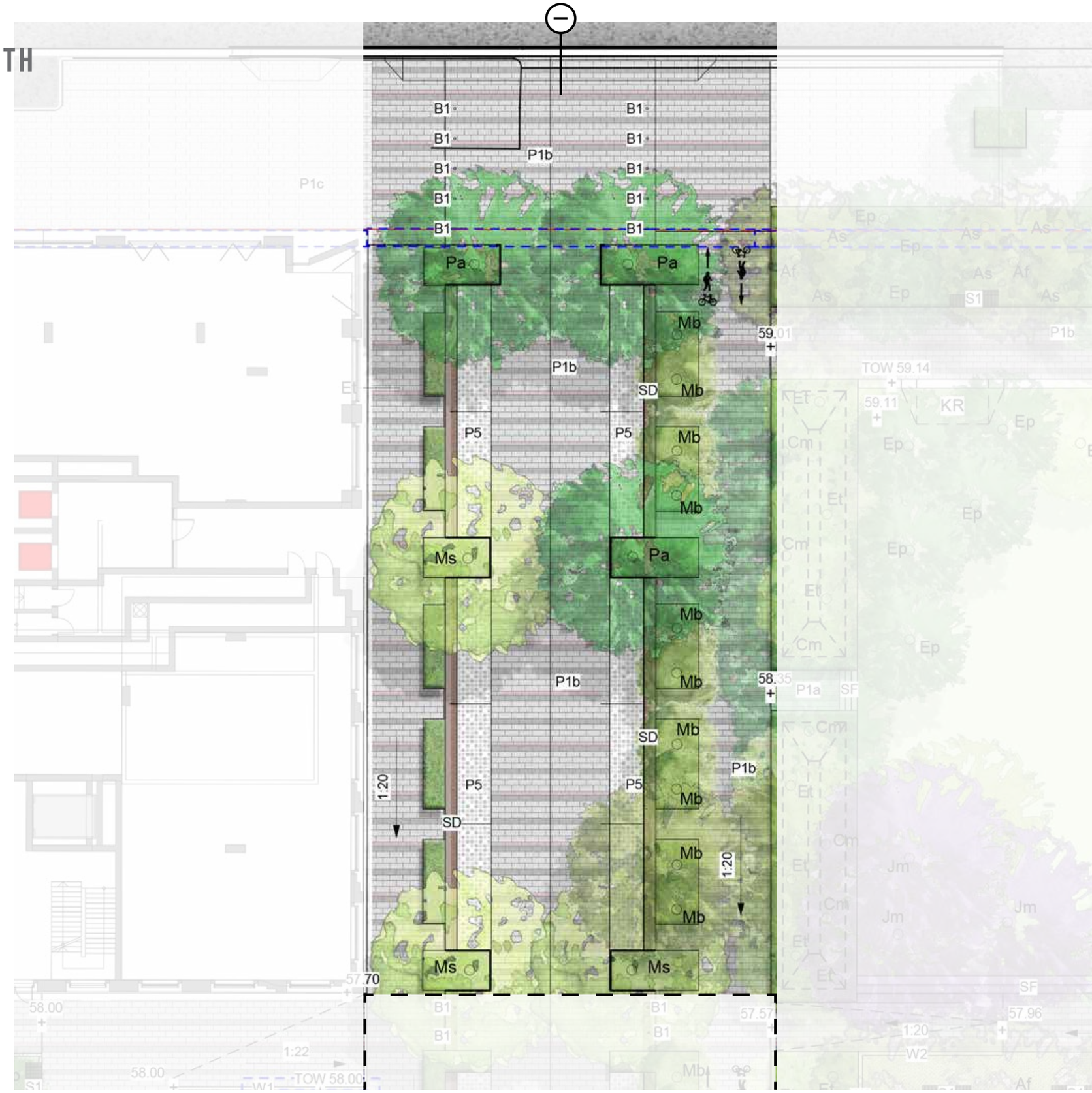
SCALE: 1:200@A3

# PRIVATE STREET DETAIL PLAN NORTH

KEY PLAN

KEY

- Site Boundary
- Basement
- P1b — Concrete unit paving type 2
- P5 — 90x90x90 Granite Cobble Setts
- SD — Spoon drain
- B1 — Bollards
- Planting
- Trees refer to tree schedule to species




N

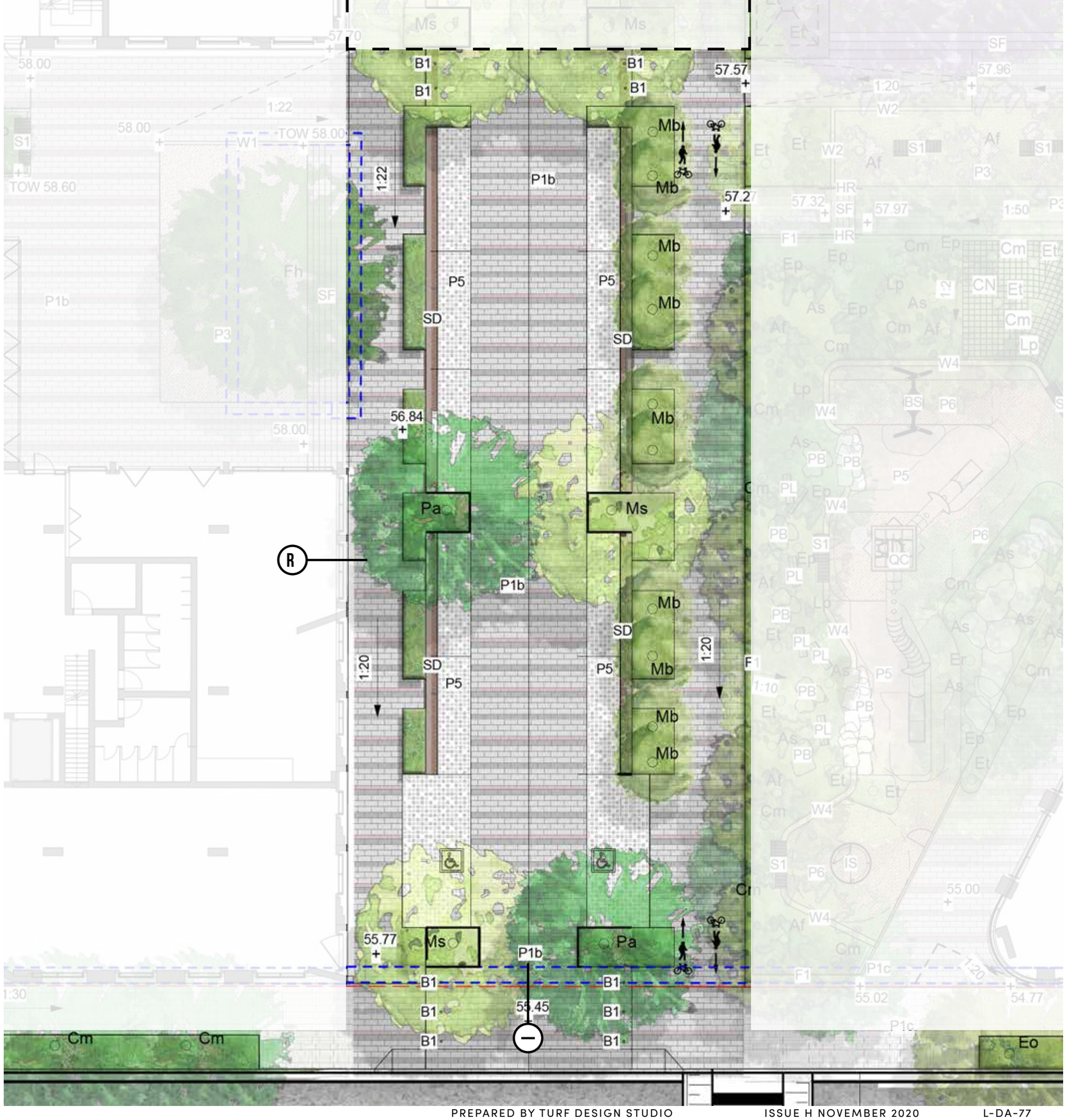
SCALE: 1:200@A3

# PRIVATE STREET PLAN SOUTH

KEY PLAN

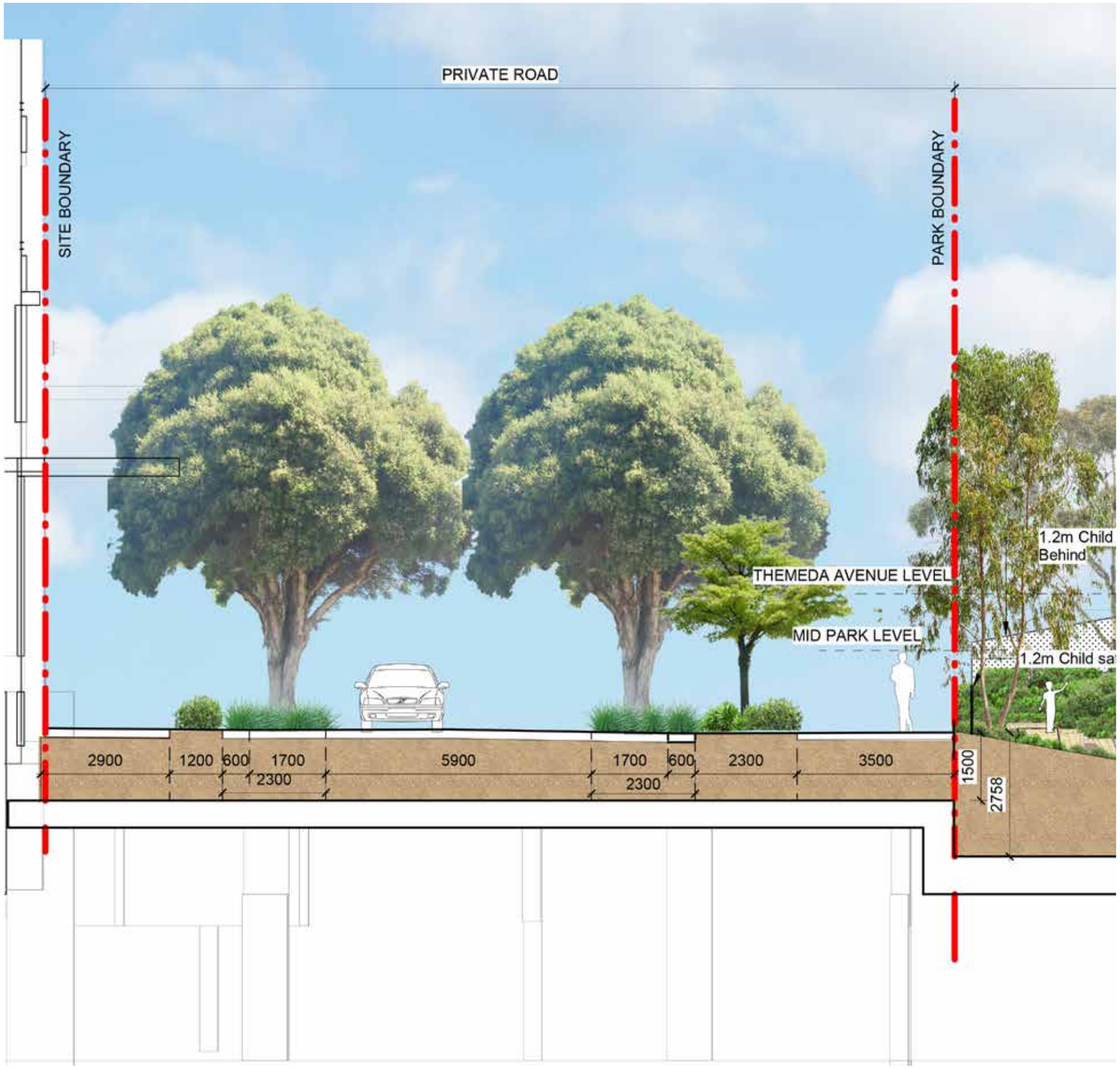
KEY

- Site Boundary
- Basement
- P1b — Concrete unit paving type 2
- P5 — 90x90x90 Granite Cobble Setts
- SD — Spoon drain
- B1 — Bollards
- Planting
- Trees refer to tree schedule to species




SCALE: 1:200@A3

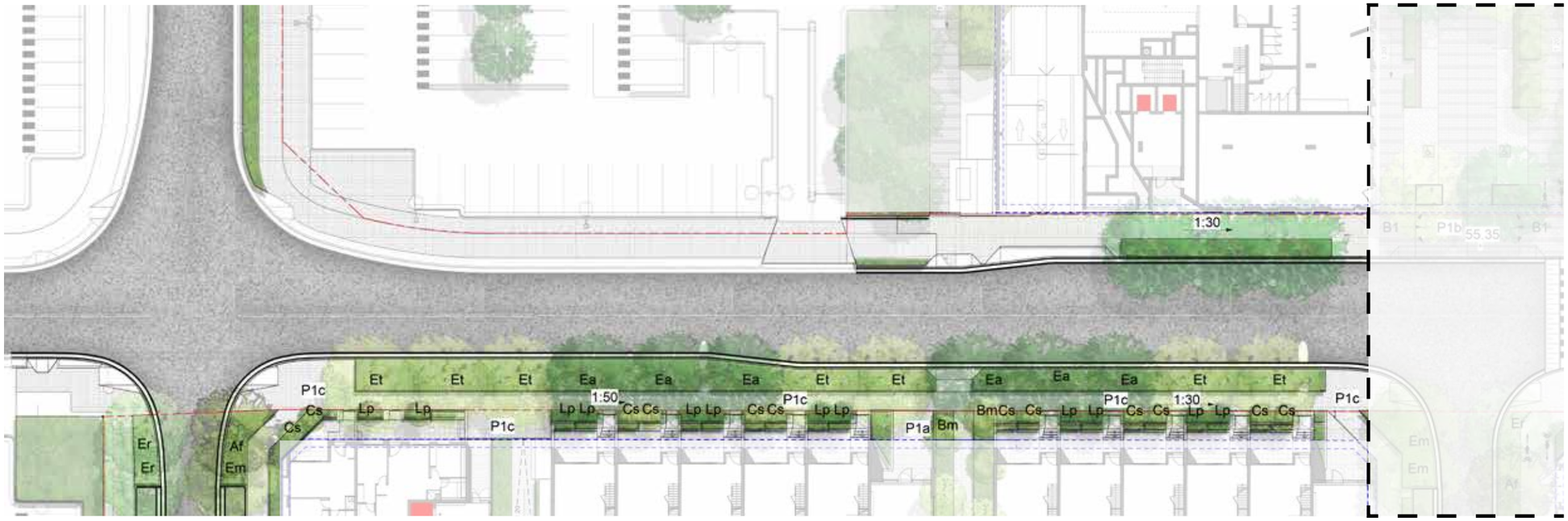
# PRIVATE STREET CROSS SECTION R



# PRIVATE STREET LONG SECTION I

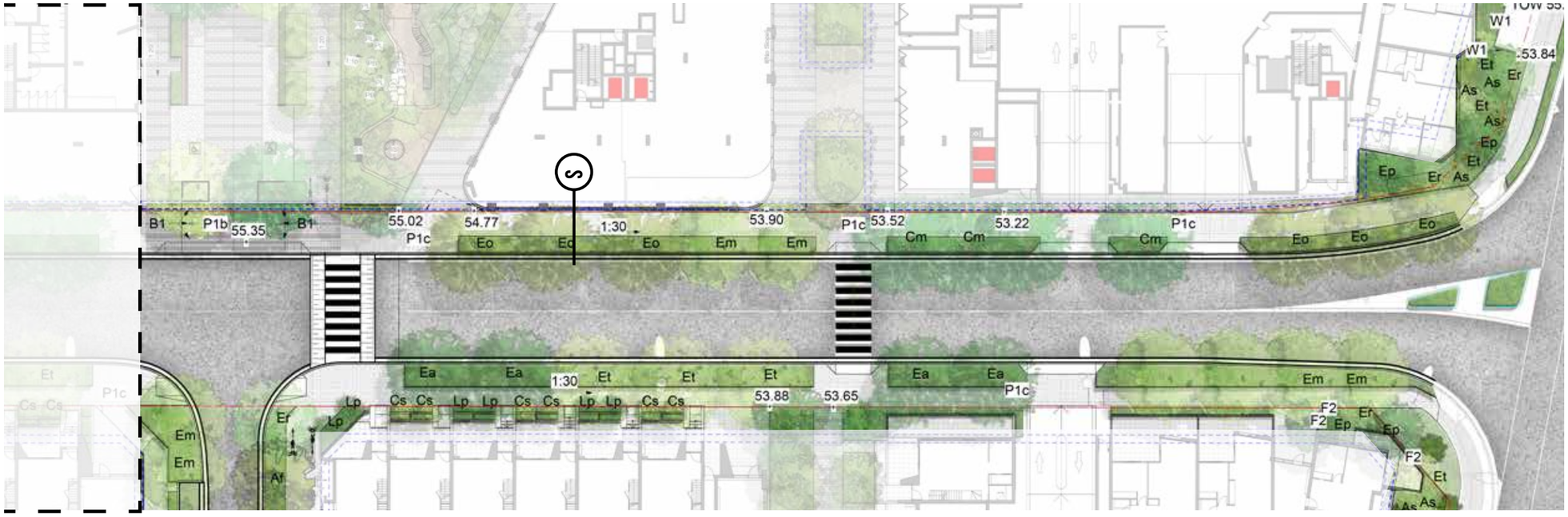
# VIEW

# CONFERTA AVENUE DETAIL PLAN




KEY

- Site Boundary
- Basement
- P1A Concrete unit paving type 1
- P1b Concrete unit paving type 2
- P1c Concrete unit pavers as per BCC ...ering Guide
- F2 Aluminum Security Fence Refer to Fencing plan
- B1
- Bollards
- Planting
- Trees refer to tree schedule to species



# CONFERTA AVENUE SITE SECTION S

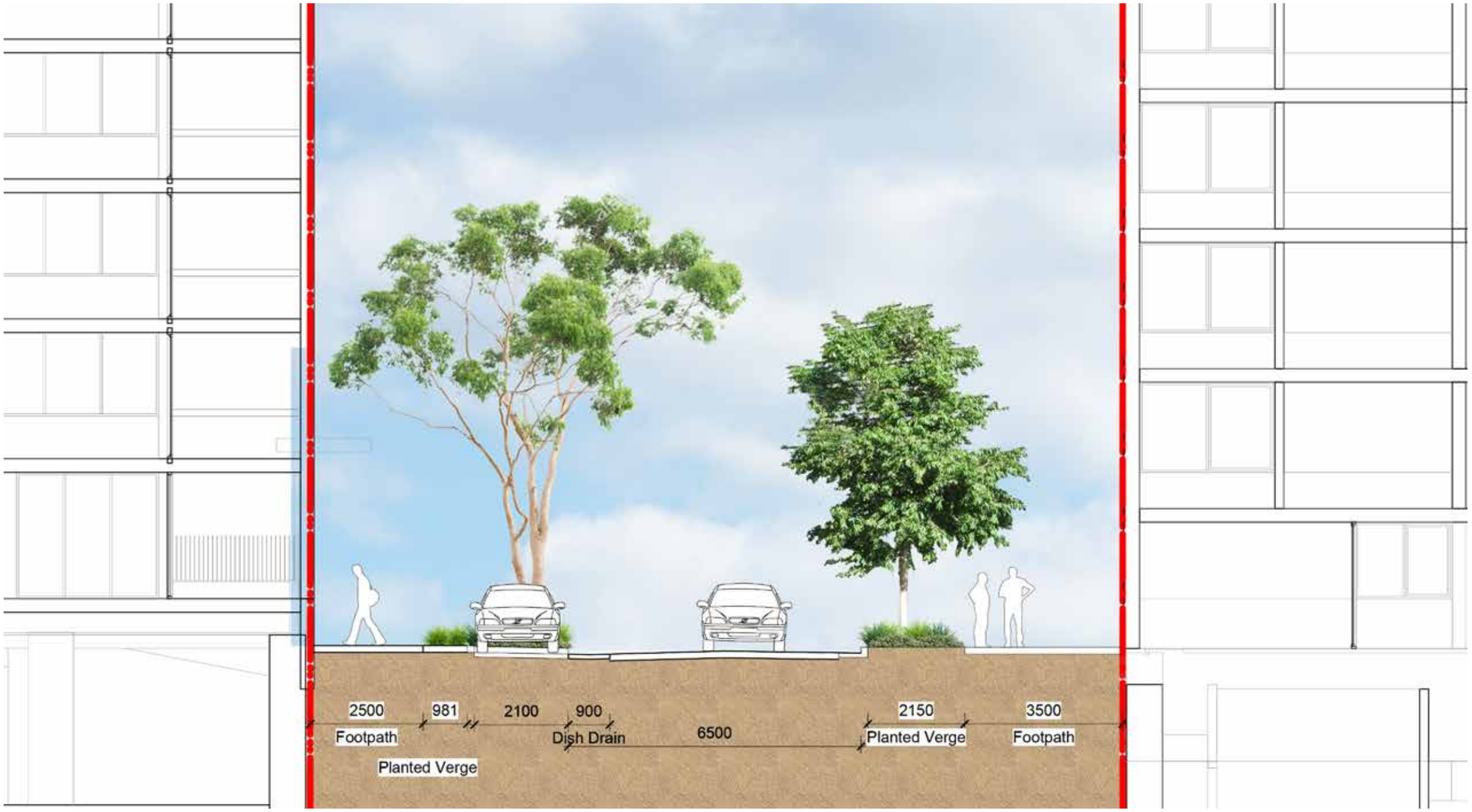
# VIEW

# LOCAL STREET

KEY

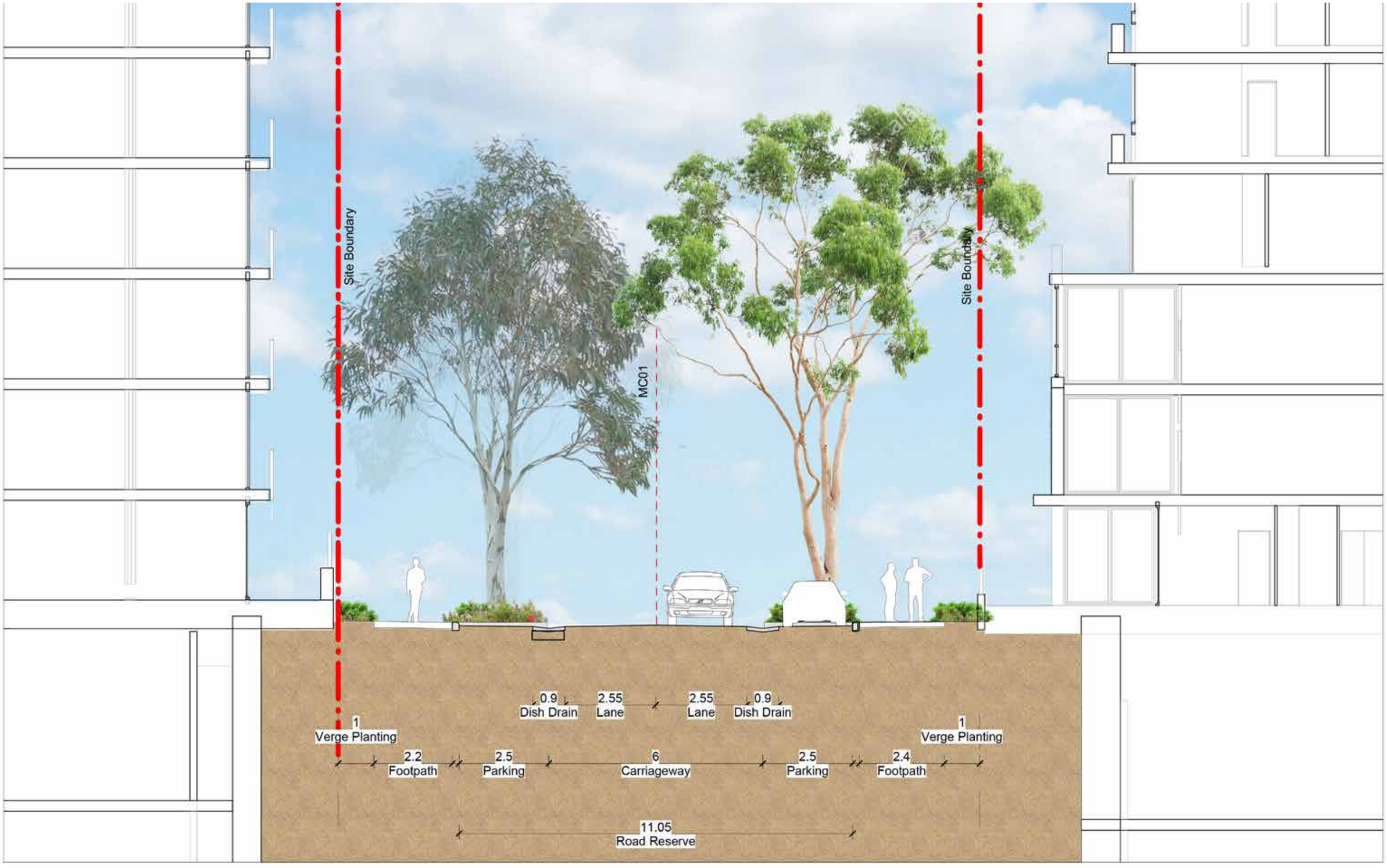
- Site Boundary
- P1c — Concrete unit pavers as per BCC Engineering Guide
- P8 — Ashphalt as per BCC Engineering Guidelines
- Planting
- Trees refer to tree schedule to species

# LOCAL STREET SECTION T



# VIEW

# LOCAL STREET SECTION U



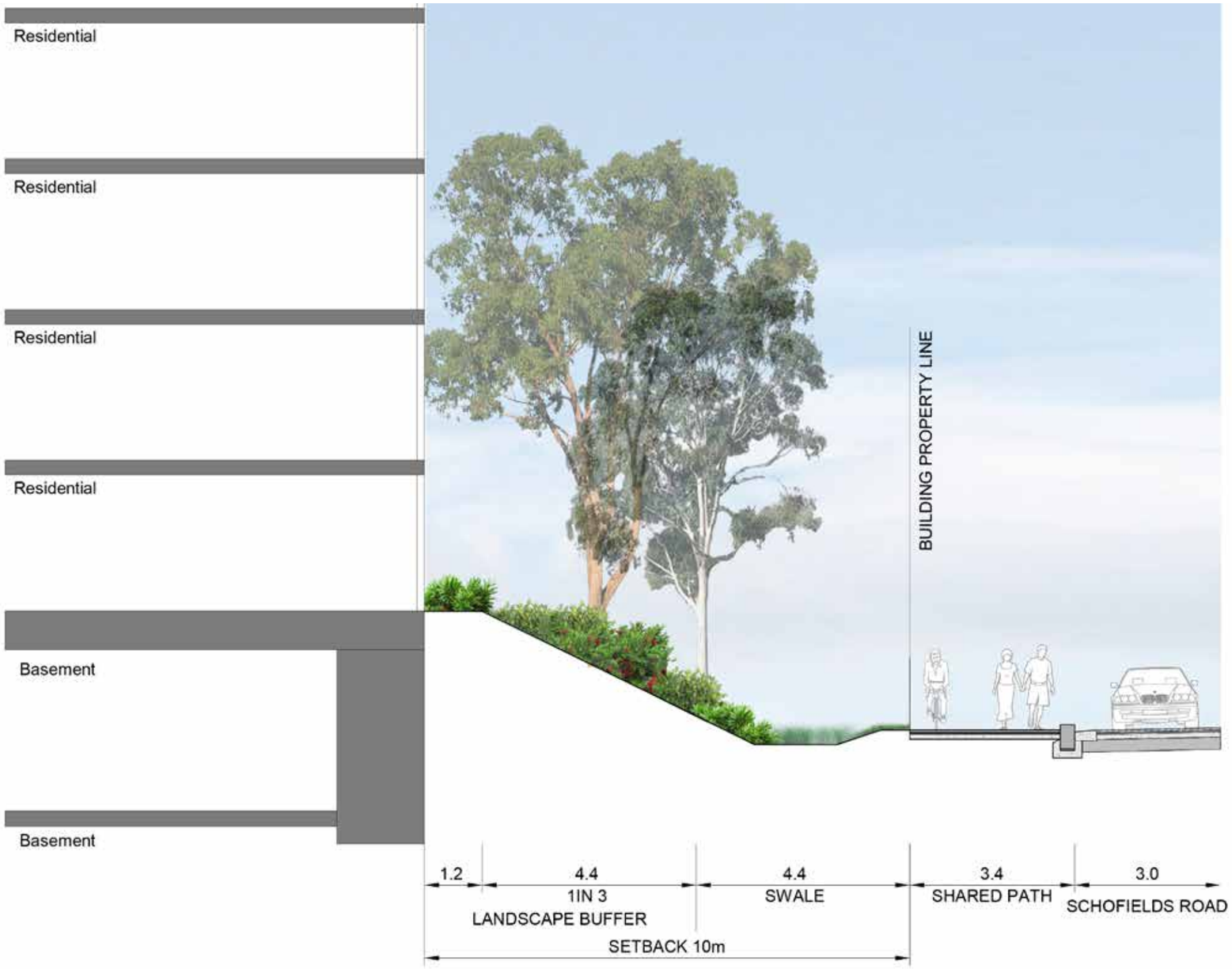
# VIEW

# SCHOFIELD ROAD INTERFACE

KEY

- Site boundary
- P1a — Concrete unit pavers Type 1
- P2 — Concrete paving to BCC standards
- F2 — Aluminum Security Fence Refer to Fencing plan
- Planting
- Trees refer to tree schedule to species

# SCHOFIELD ROAD INTERFACE SECTION V



# CUDGENGONG ROAD INTERFACE

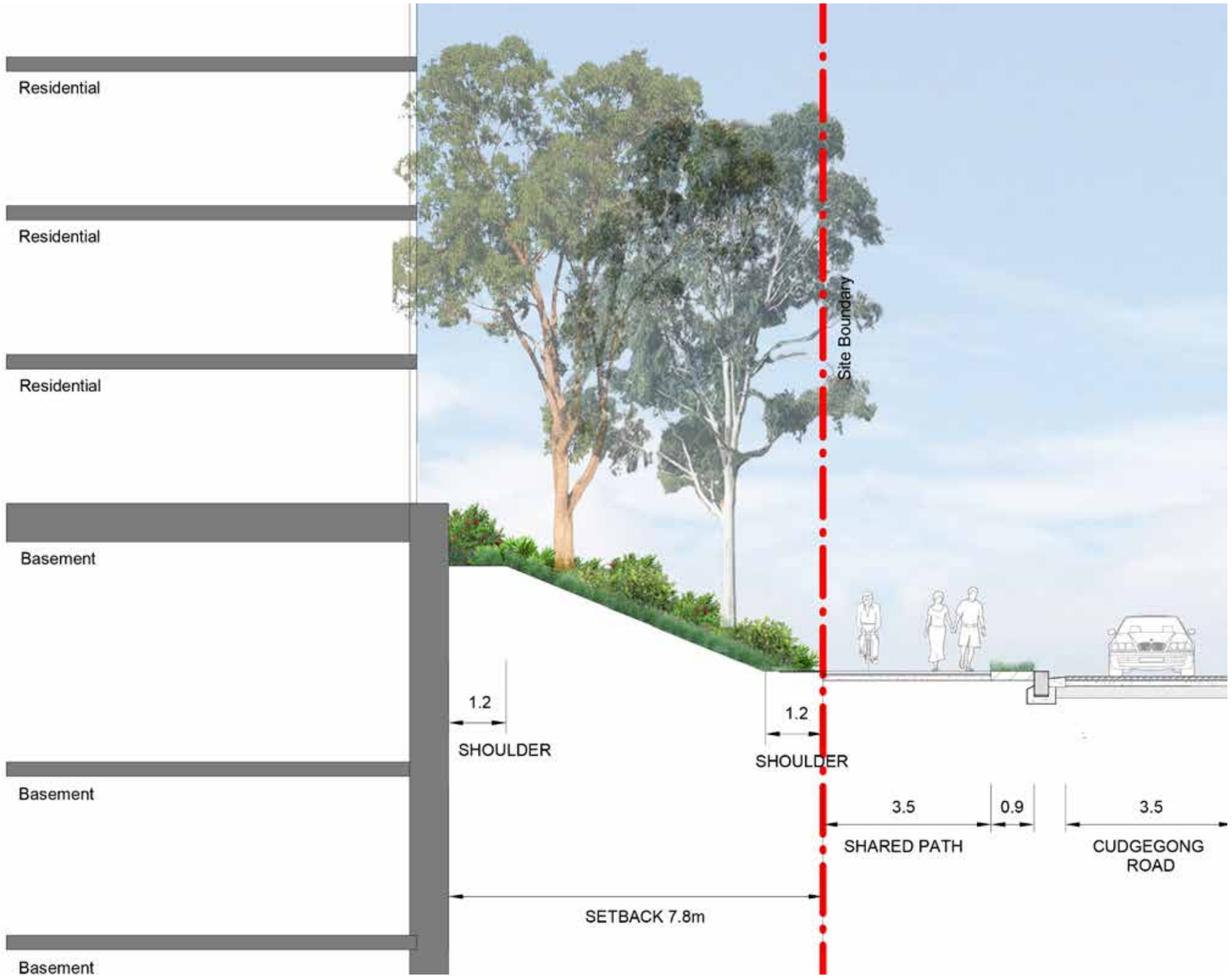
KEY

- Site Boundary
- W1 — 150mm Concrete wall
- F2 — Aluminum Security Fence Refer to Fencing plan
- Planting
- Trees refer to tree schedule to species

N

SCALE: 1:200@A3

# SITE SECTIONS W



# PLANTING PALETTE | STREET TREE PLANTING

### TREE PALETTE

| CODE | BOTANICAL NAME | COMMON NAME | MATURE HEIGHT | MATURE SPREAD | POT SIZE | DENSITY |
|---|---|---|---|---|---|---|
| **TREES** | | | | | | |
| CM | Corymbia maculata | Spotted Gum | 30m | 8m | 200L | as shown |
| EA | Eucalyptus amplifolia | Cabbage Gum | 30m | 5m | 200L | as shown |
| EC | Eucalyptus crebra | Narrow Leafed Red Ironbark | 30m | 8m | 200L | as shown |
| EM | Eucalyptus microcorys | Tallow-wood | 40m | 8m | 200L | as shown |
| EO | Eucalyptus moluccana | Grey Box | 30m | 8m | 200L | as shown |
| ET | Eucalyptus tereticornis | Forest Red Gum | 40m | 4m | 200L | as shown |

### UNDERSTORY PALETTE

| BOTANICAL NAME | COMMON NAME | POT SIZE | CENTRE |
|---|---|---|---|
| **WSUD** | | | |
| Lomandra Longifolia | Spiny-head mat-rush | 150mm | 300mm |
| Isolepis nodosa | Knobby club rush | 150mm | 300mm |
| Carex appressa | Tall sedge | 150mm | 300mm |
| Juncus usitatus | Woolly waterlilies | 150mm | 300mm |
| **STREETSCAPE** | | | |
| BOTANICAL NAME | COMMON NAME | CENTRES | POT SIZE |
| Breynia oblongifolia | Coffee Bush | 500mm | 200mm |
| Banksia spinulosa | Hairpin Banksia | 500mm | 200mm |
| Baeckea virgata nana | Dwarf Baekea | 300mm | 150mm |
| Callistemon linearis | Narrow-leaved Bottlebrush | 500mm | 200mm |
| Indigofera australis | Austral Indigo | 500mm | 200mm |
| Russelia equisetiformis | Fountain Bush | 500mm | 200mm |
| Rhagodia spinescens | Creeping Saltbush | 500mm | 200mm |
| Geranium solanderi | Native Geranium | 300mm | 150mm |
| Lomandra confertifolia 'Little Con' | Mat-Rush | 300mm | 150mm |
| Rosmarinus officinalis 'blue lagoon' | Blue Lagoon | 300mm | 150mm |
| Scaevola aemula | Fairy Fan-flower | 300mm | 150mm |

**NOTE**

- PLANTING PALETTES ARE INDICATIVE AND MAY CHANGE THOUGH THE DETAILED DESIGN PHASE AND AVAILABILITY AT TIME OF PROCUREMENT

### PLANTING PALETTE

Corymbia maculata

Eucalyptus amplifolia

Eucalyptus crebra

Eucalyptus microcorys

Eucalyptus moluccana

Eucalyptus tereticornis

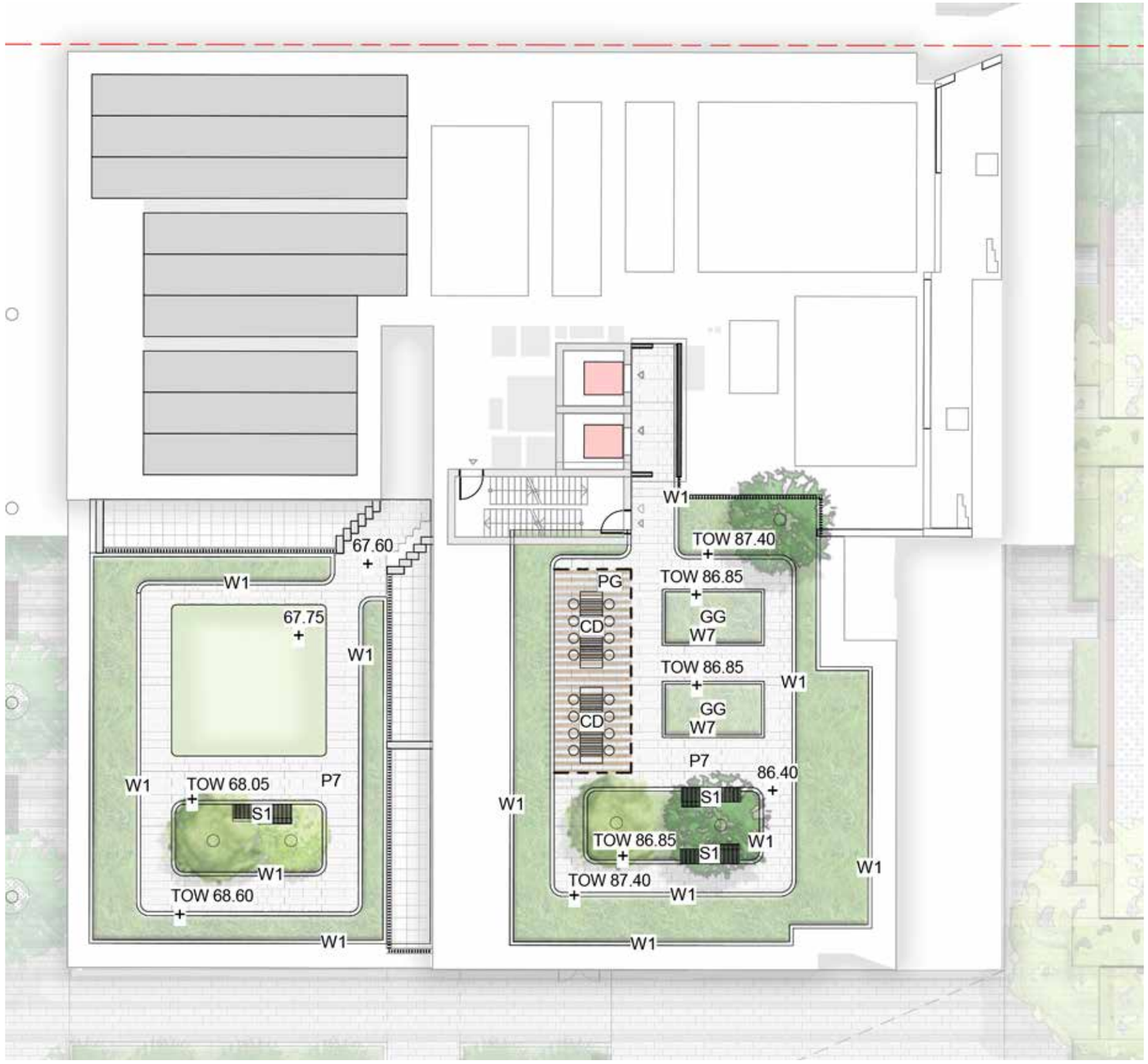
# ROOFTOPS + PODIUMS

# OUTDOOR **LIVING ROOM**

# PRODUCTIVE **LANDSCAPE**

# ROOFTOP MASTERPLAN

# SITE 1A - NORTH ROOFTOPS



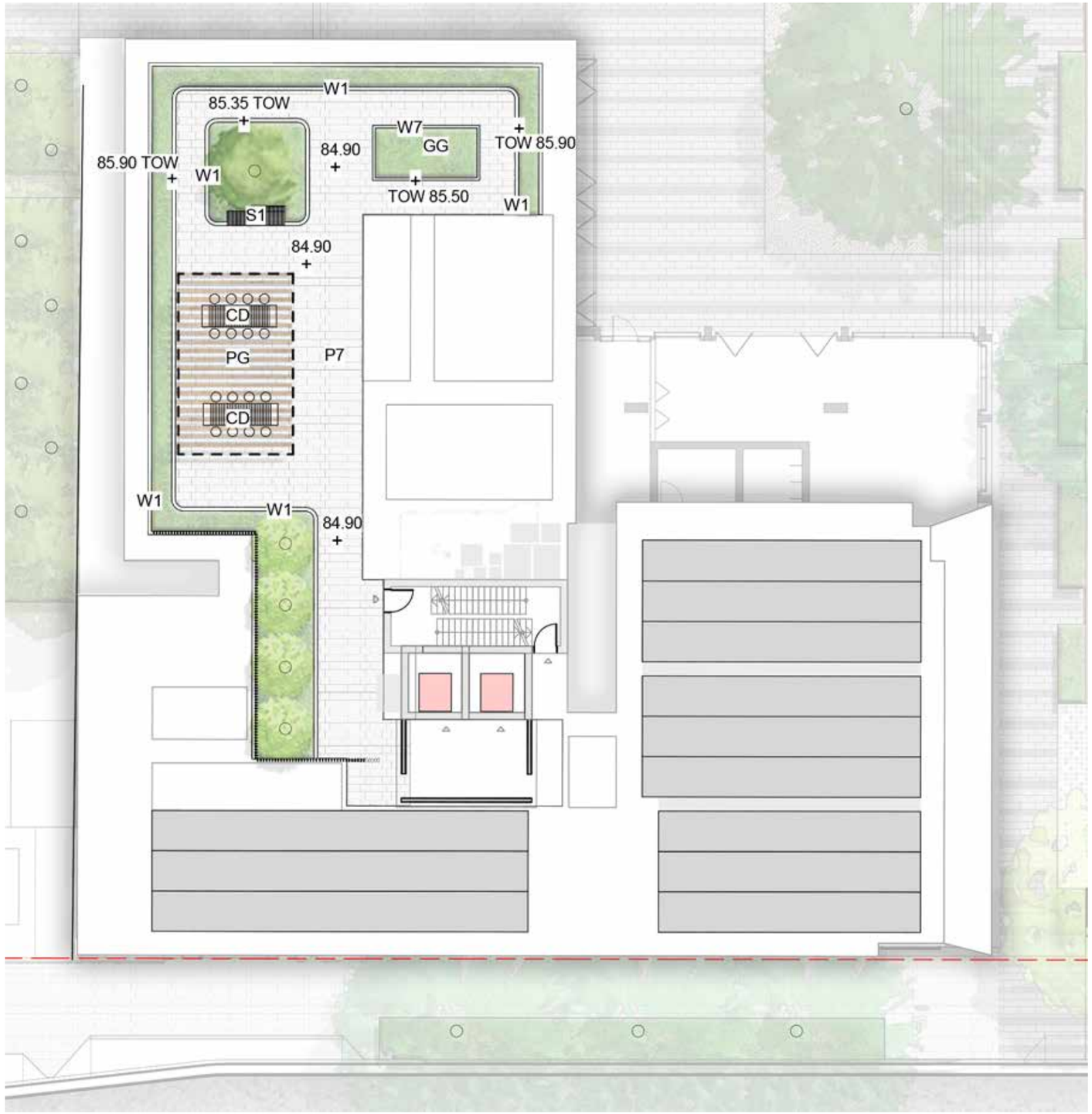

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1A - SOUTH ROOFTOP



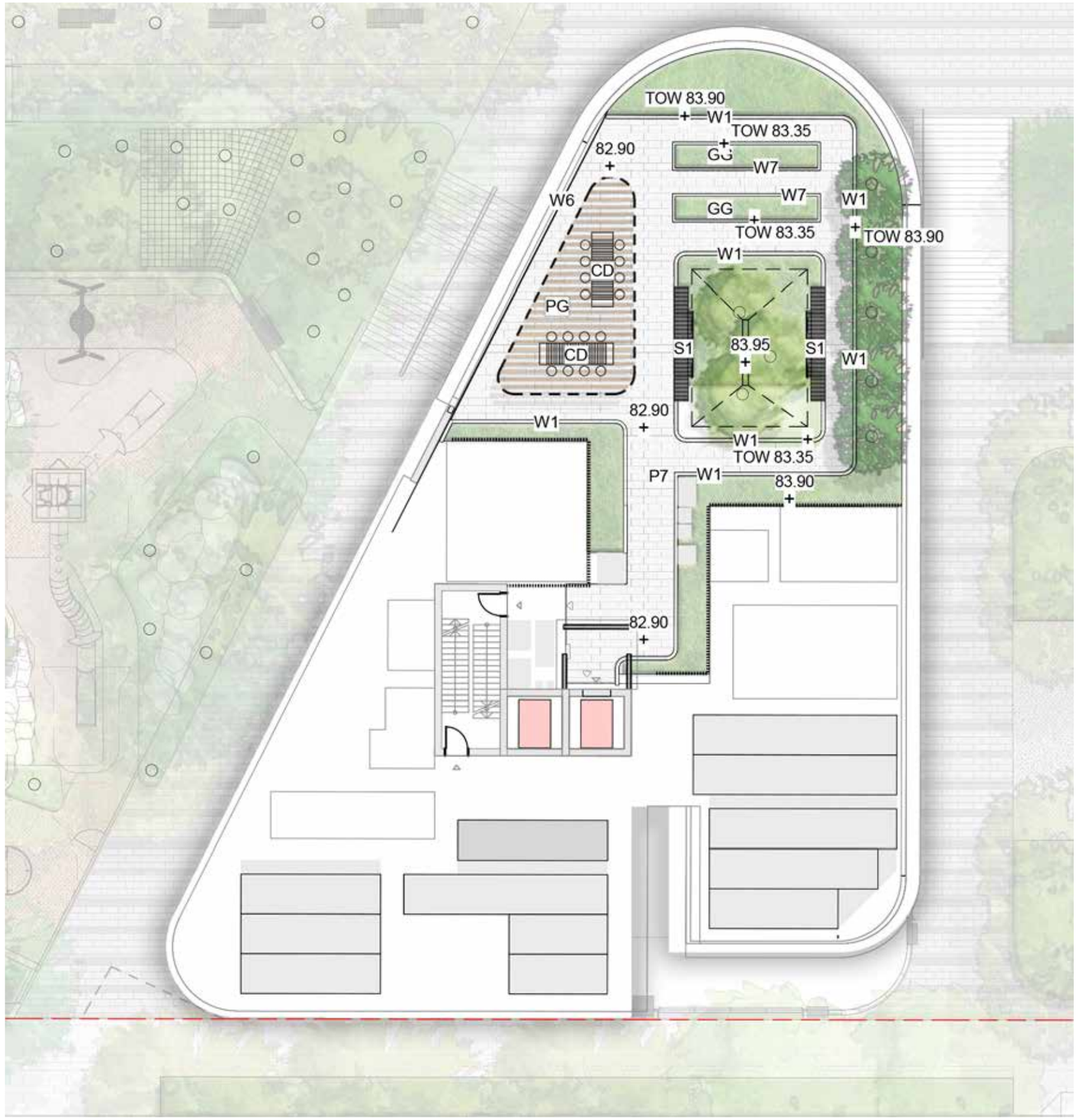

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1B - WEST ROOFTOP



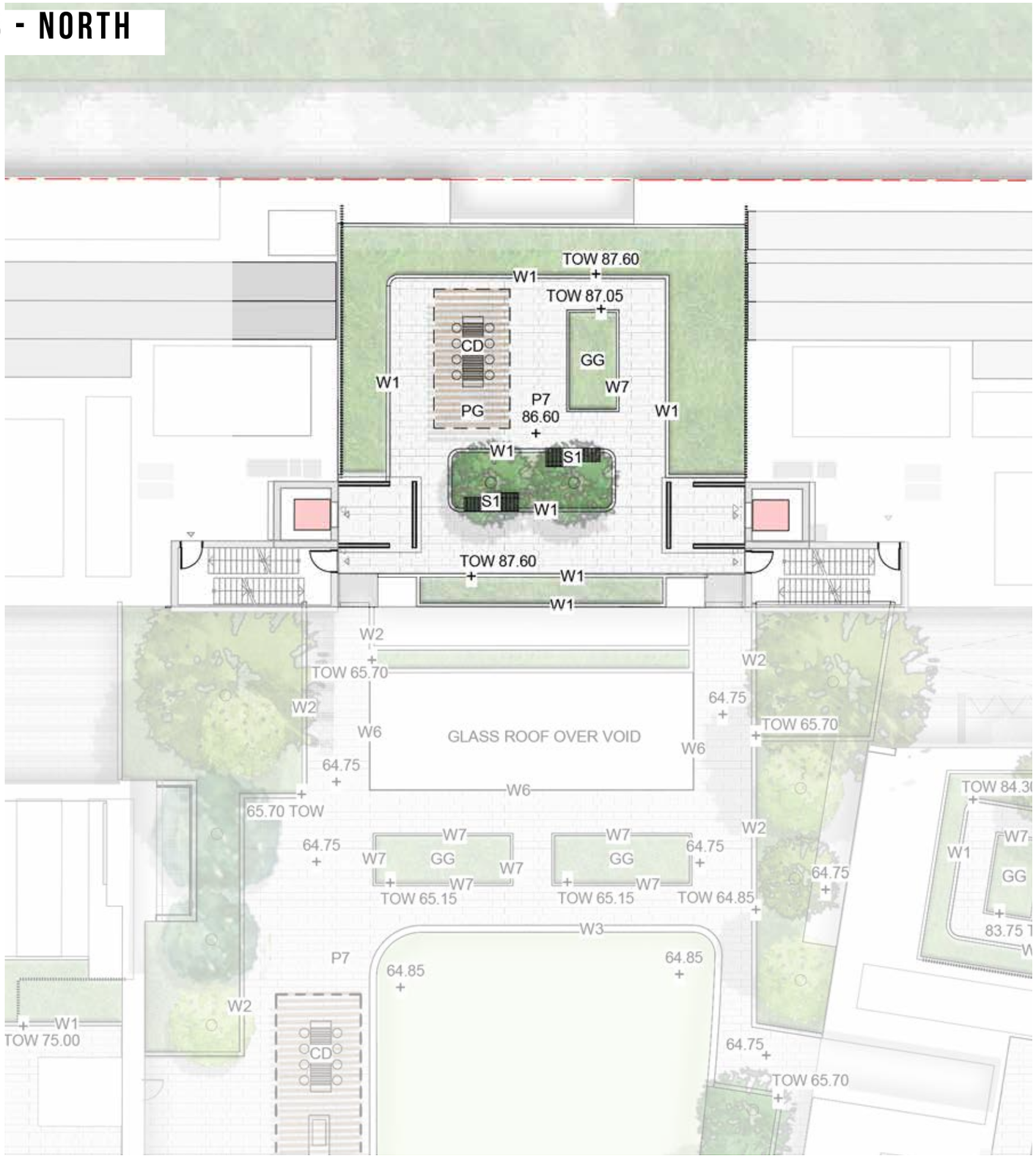

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1B - NORTH



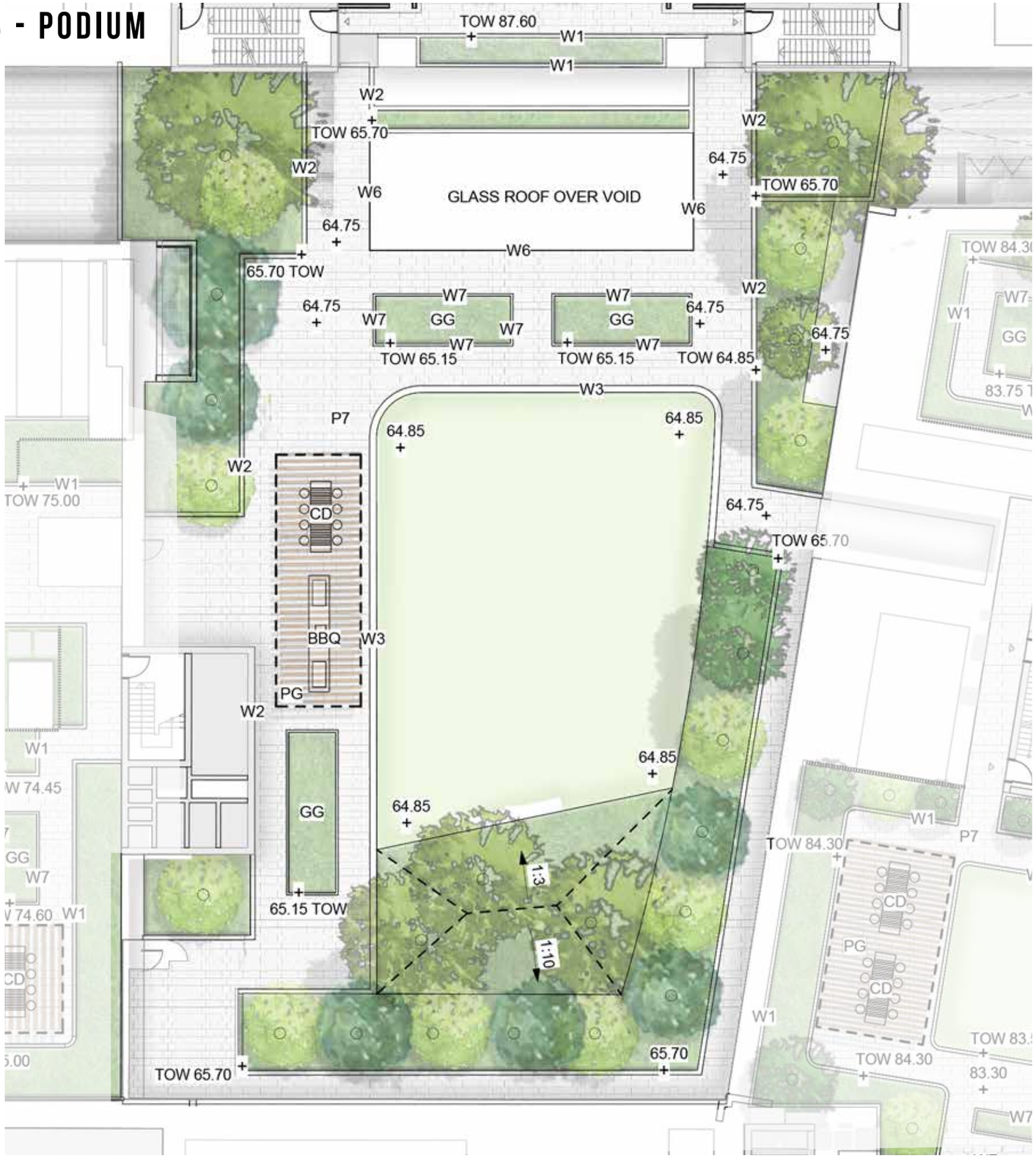

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1B - PODIUM



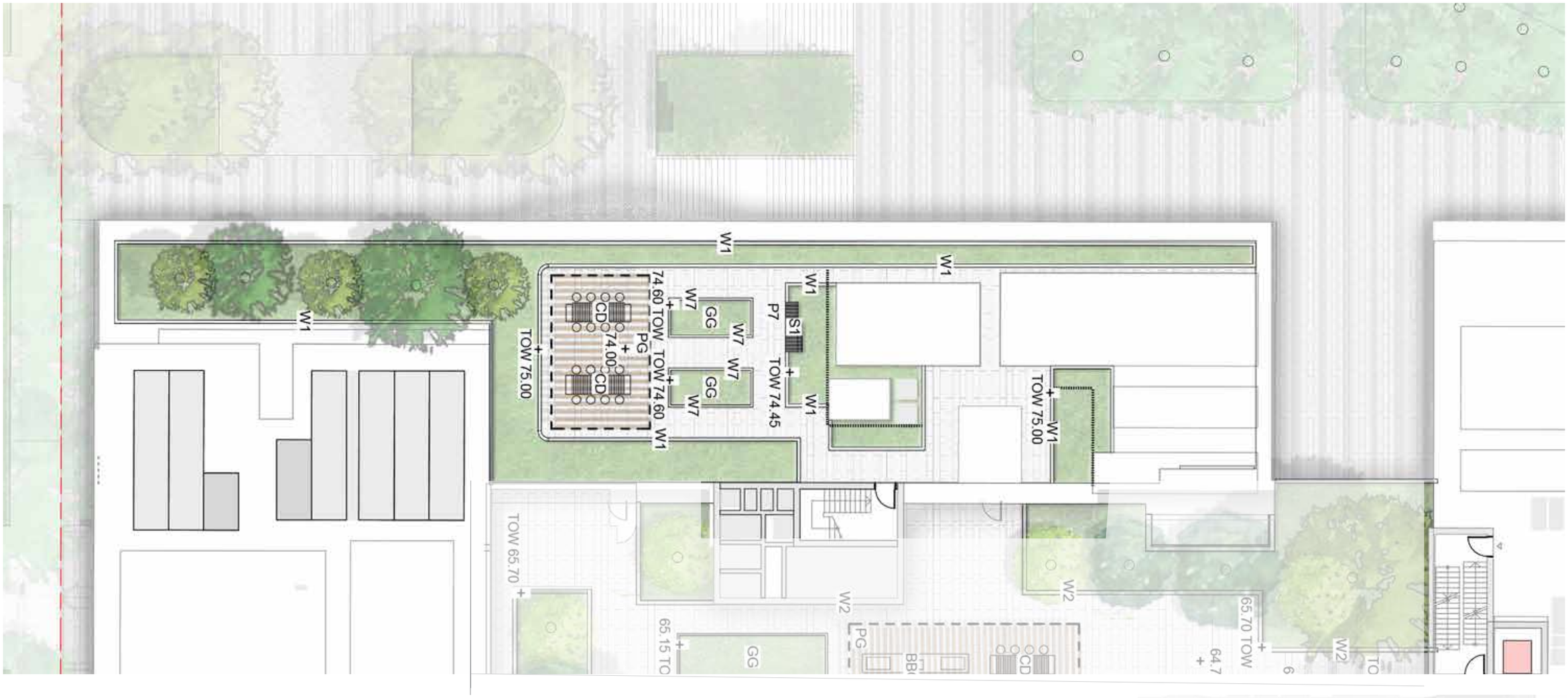

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W6 | Glass wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1B - CENTRAL ROOFTOP



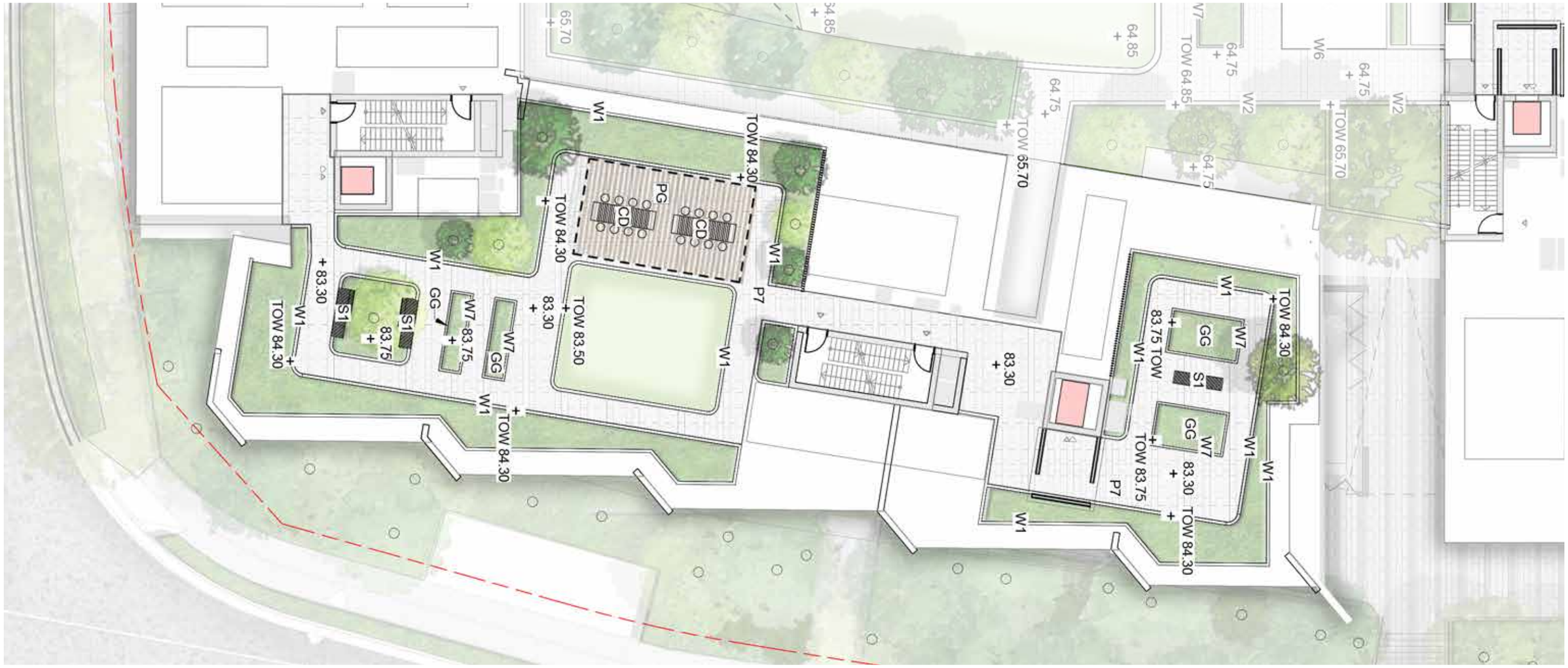

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| EG | Edible/Growing Garden |
| PG | Pergola |
| CD | Communal Dinning |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 1B - EAST ROOFTOP



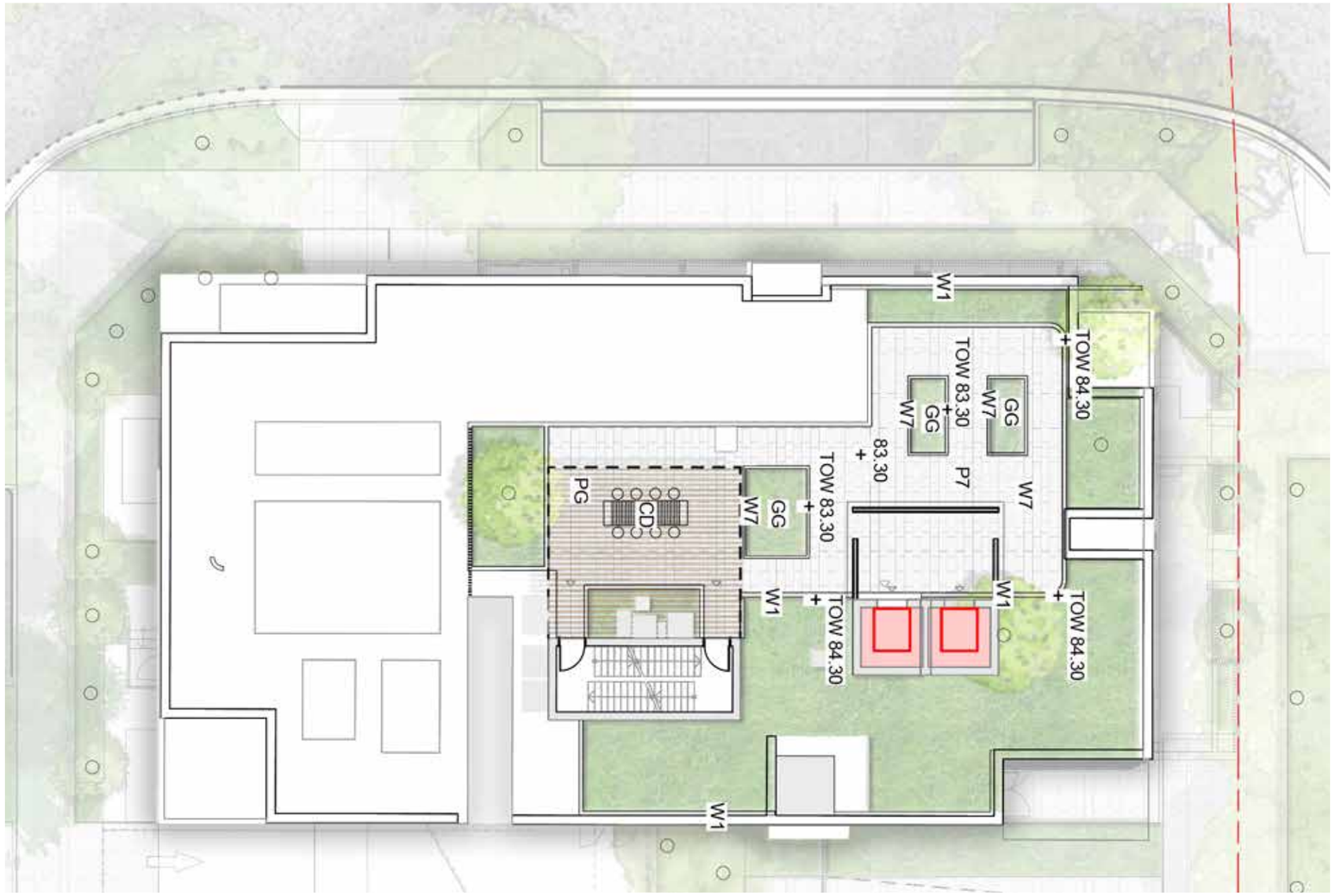

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| EG | Edible/Growing Garden |
| PG | Pergola |
| CD | Communal Dinning |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2A - WEST ROOFTOP



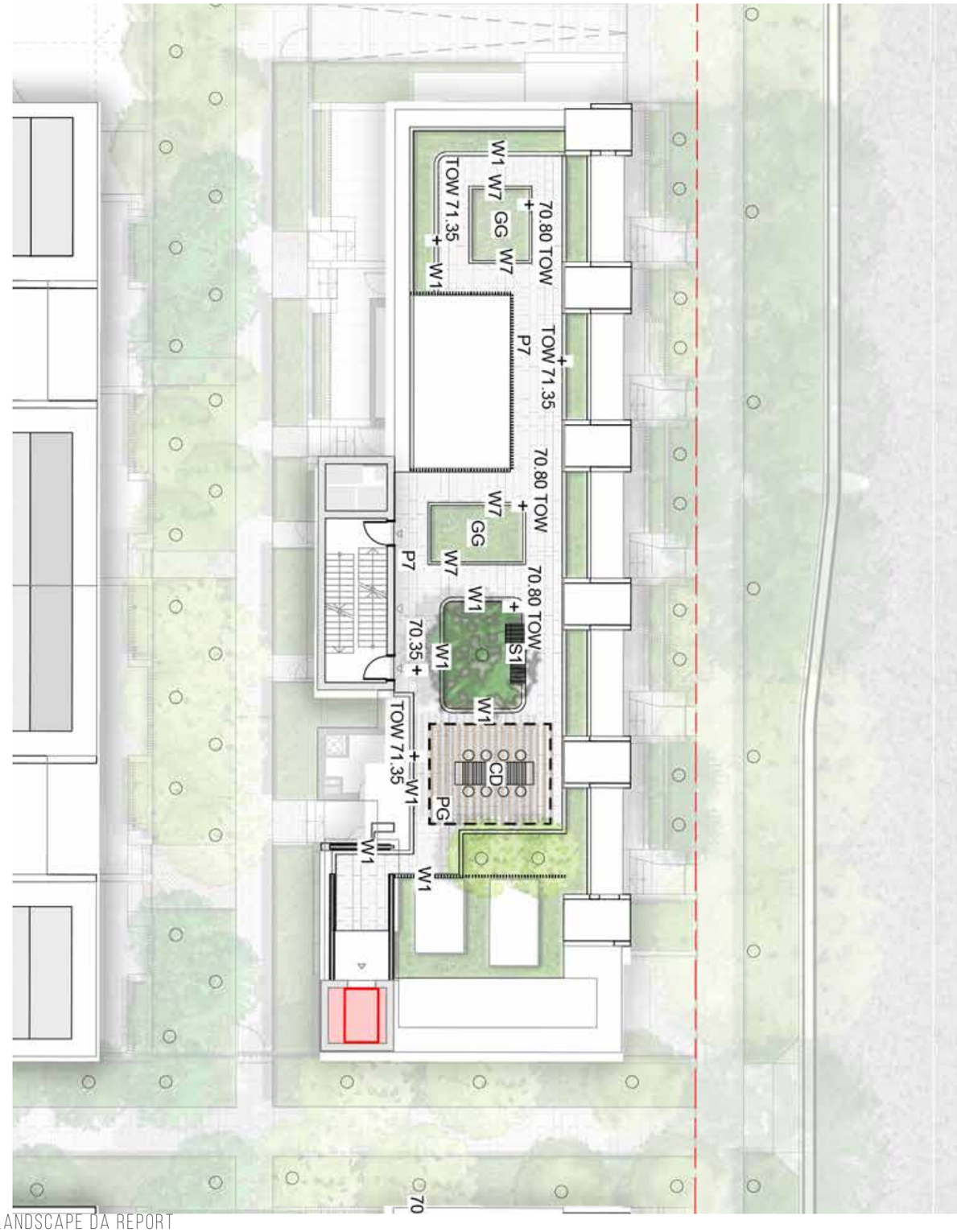

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2A - CENTRAL ROOFTOP



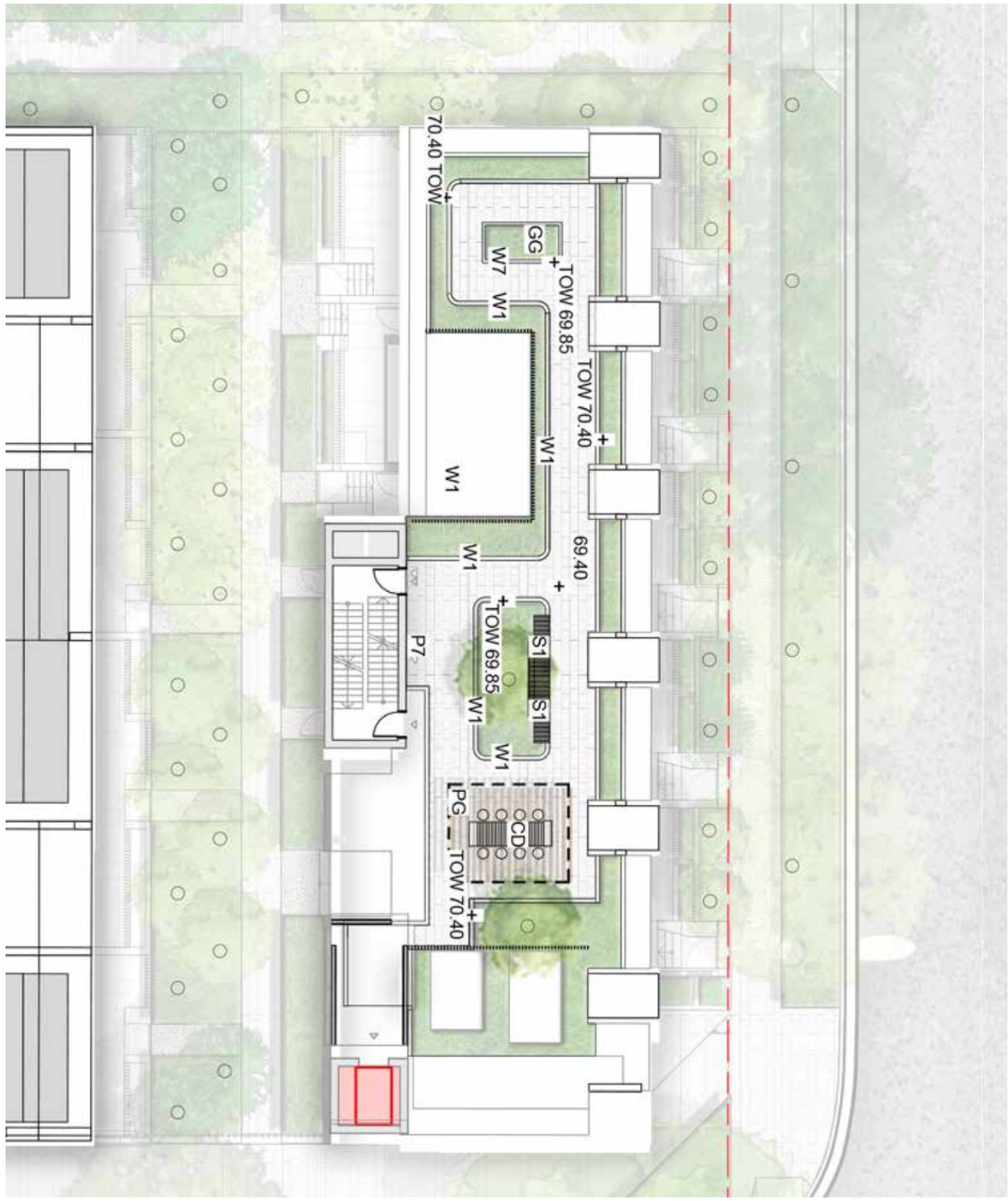

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2A - EAST ROOFTOP



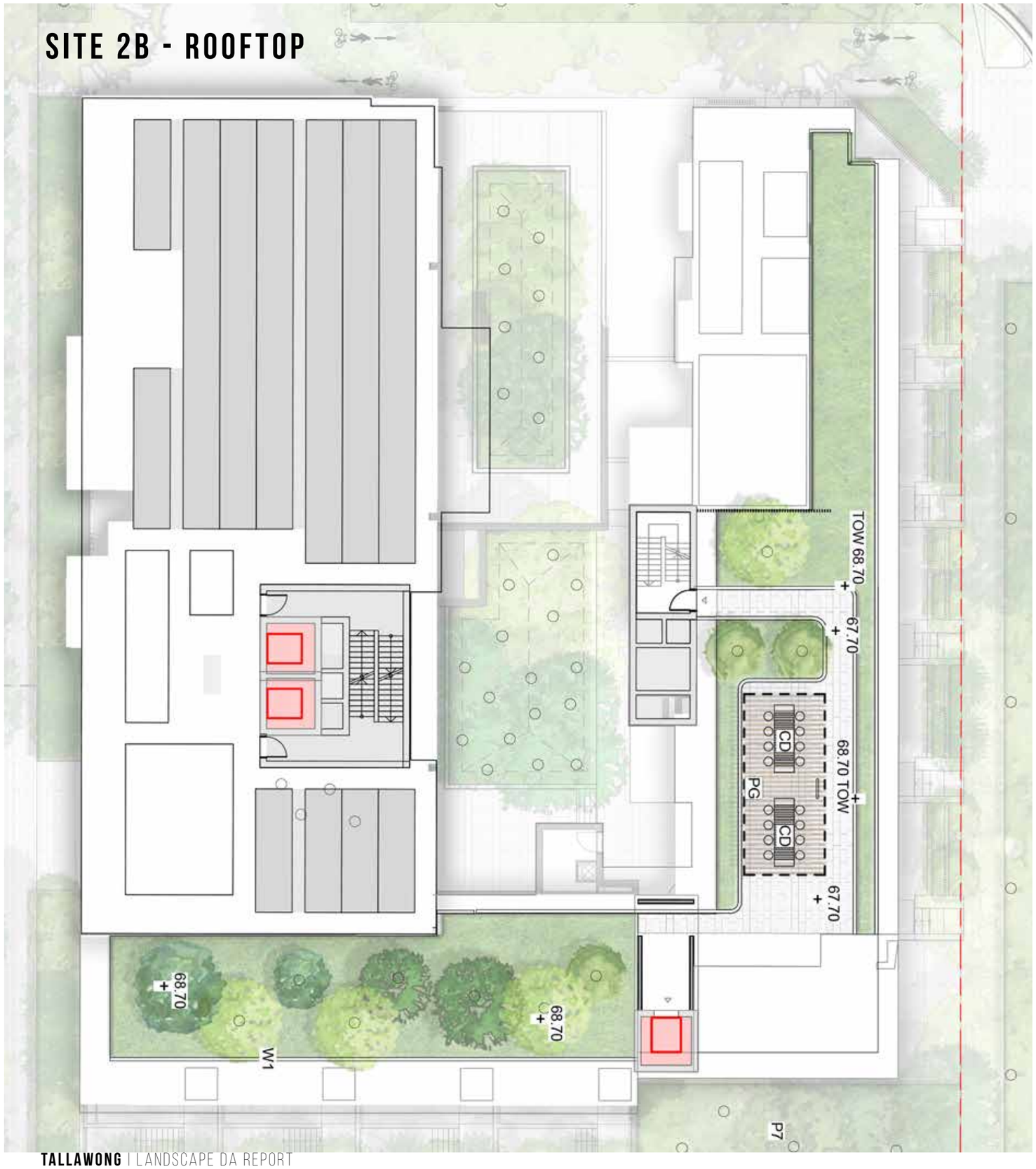

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

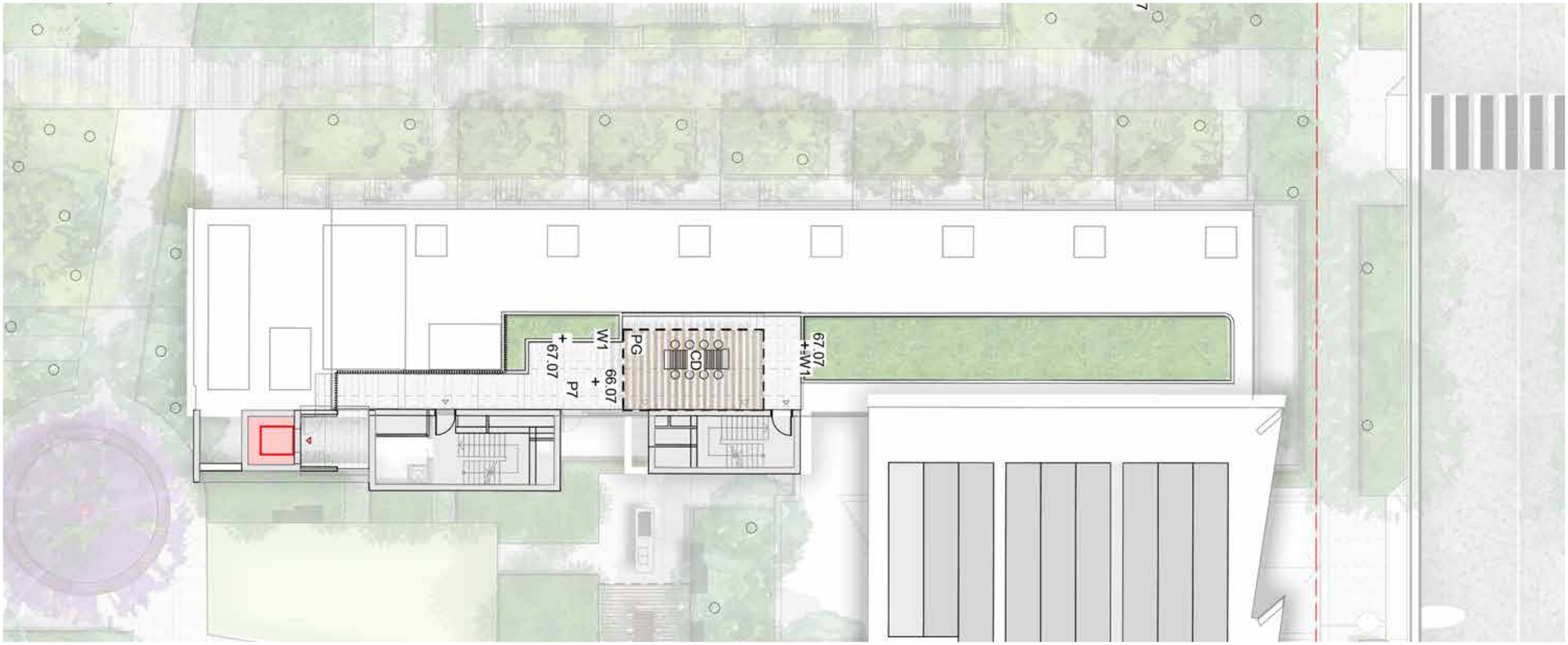
# SITE 2B - ROOFTOP




KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| PG | Pergola |
| CD | Dining Table |
| | Planting |
| | Trees refer to tree schedule to species |

# SITE 2C - WEST ROOFTOP



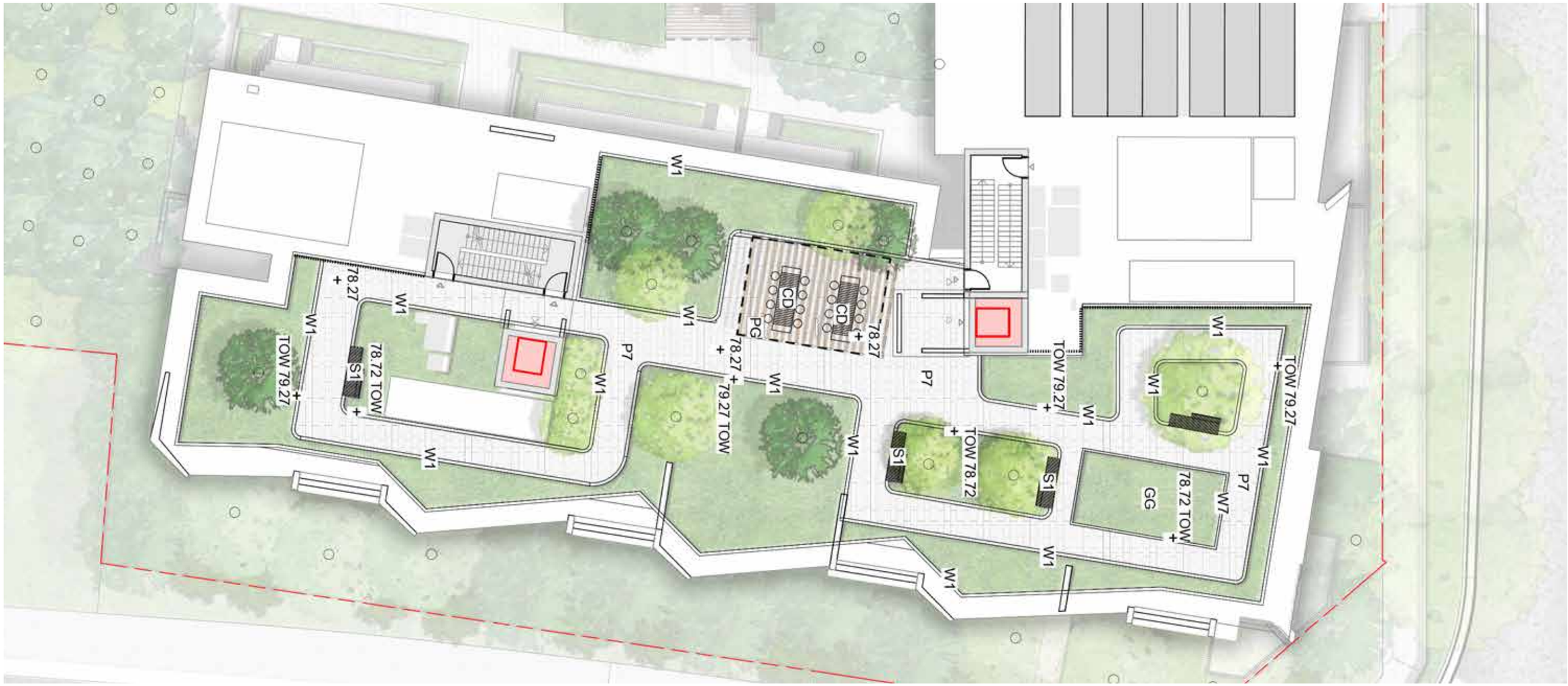

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| PG | Pergola |
| CD | Communal Dinning |
| | Planting |

N

SCALE: 1:200

# SITE 2C - EAST ROOFTOP



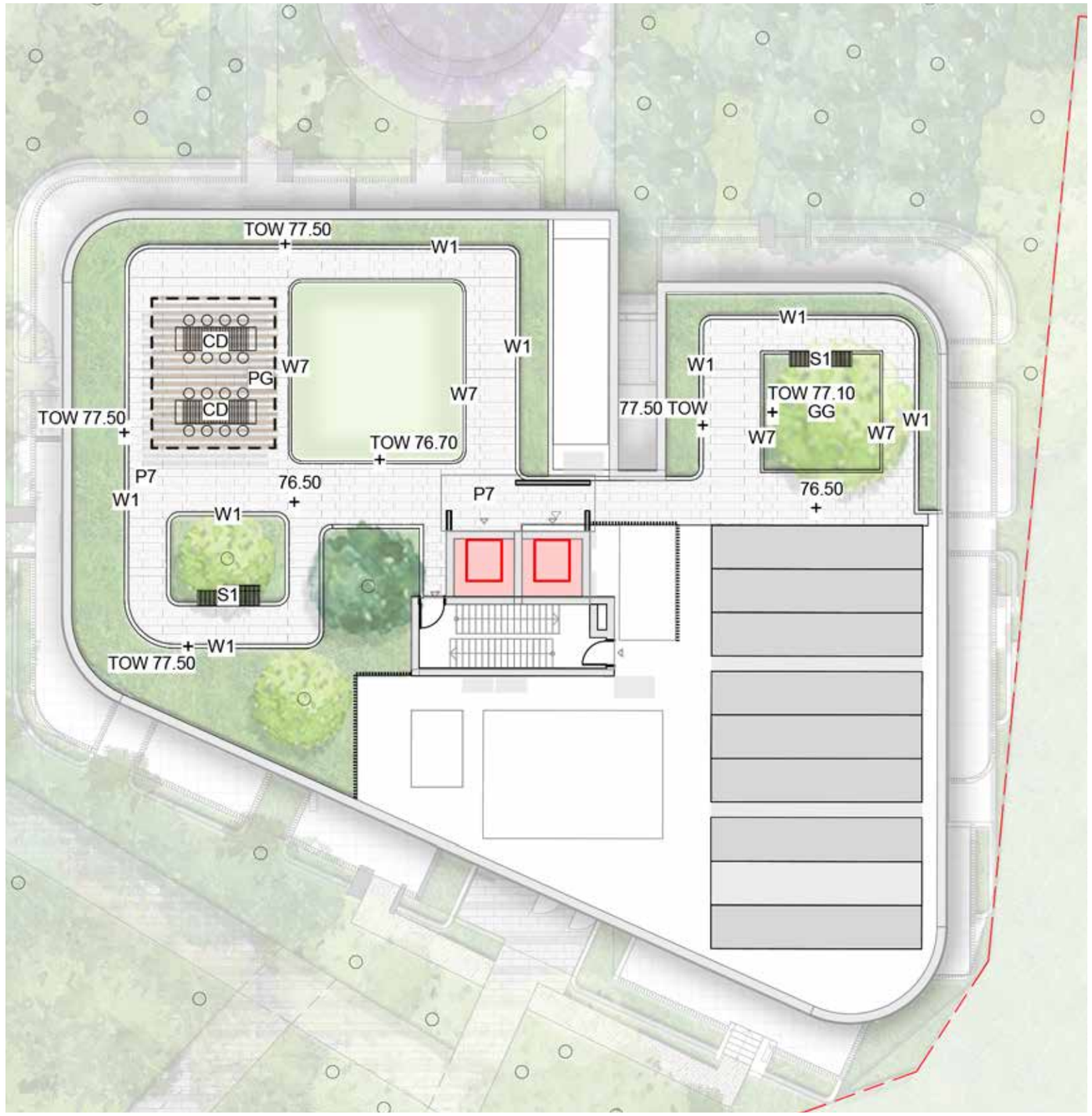

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| EG | Edible/Growing Garden |
| PG | Pergola |
| CD | Communal Dinning |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2C - SOUTH ROOFTOP



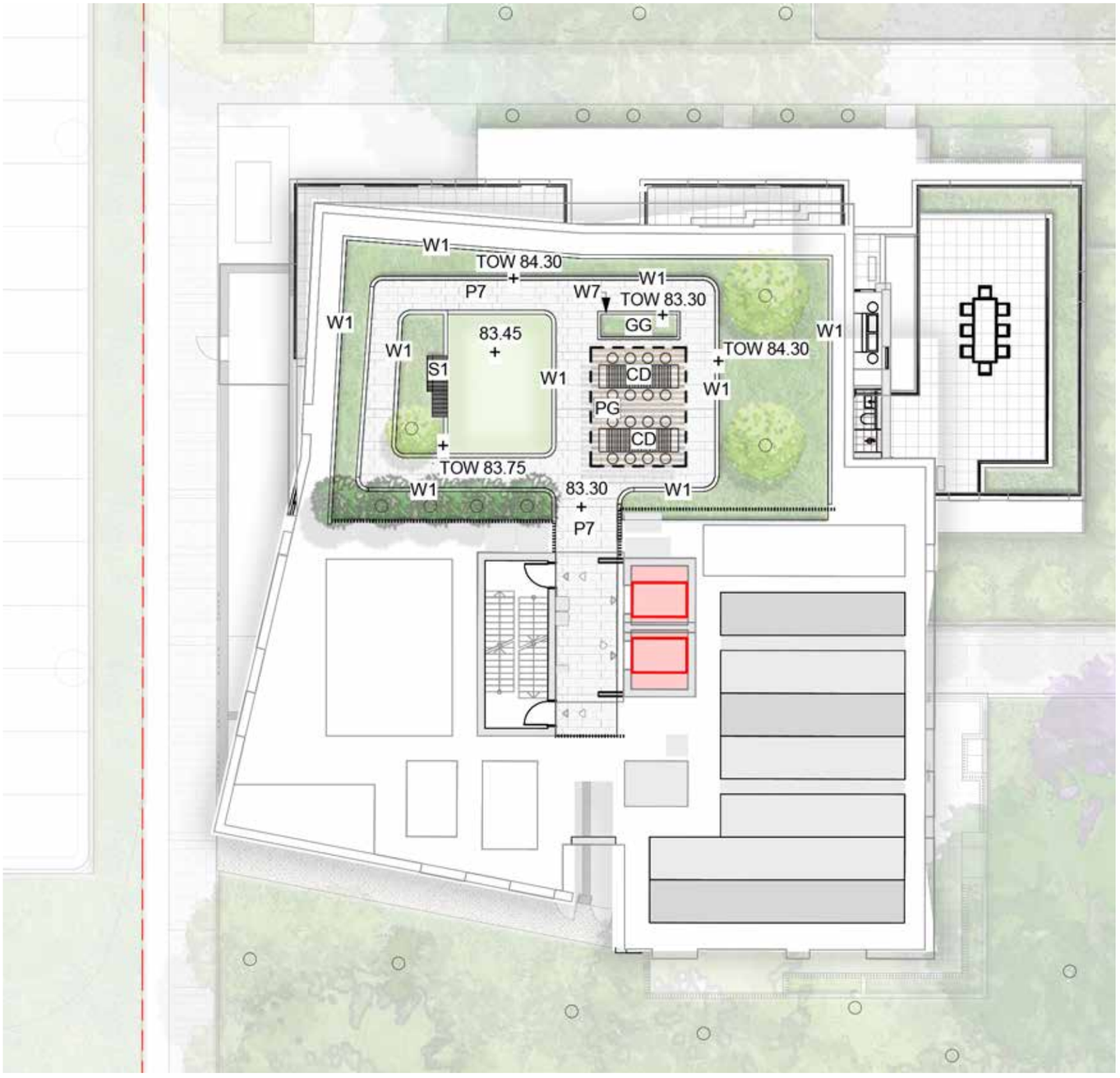

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2D - WEST ROOFTOP



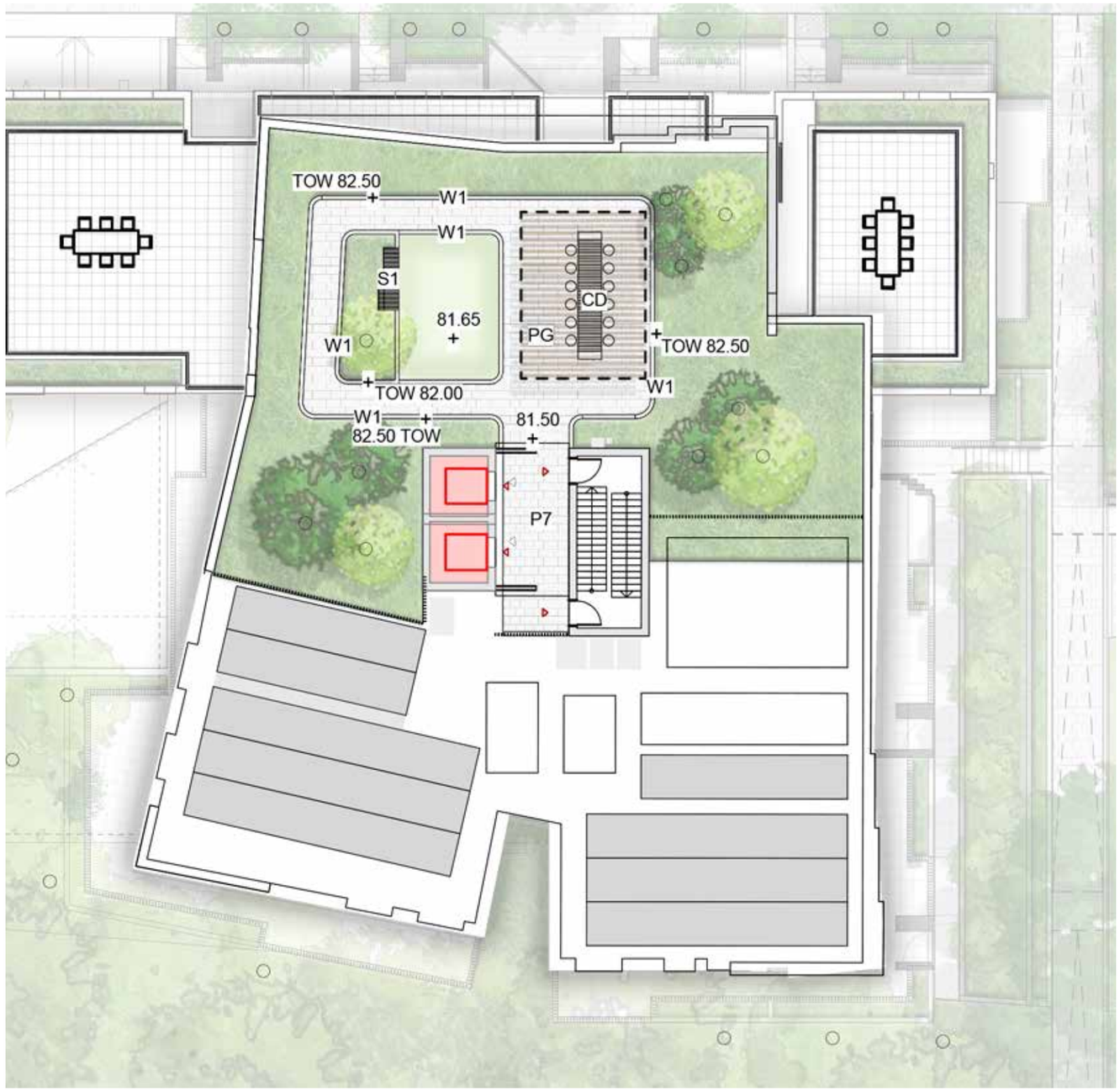

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving Type 1a |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2D - CENTRAL ROOFTOP



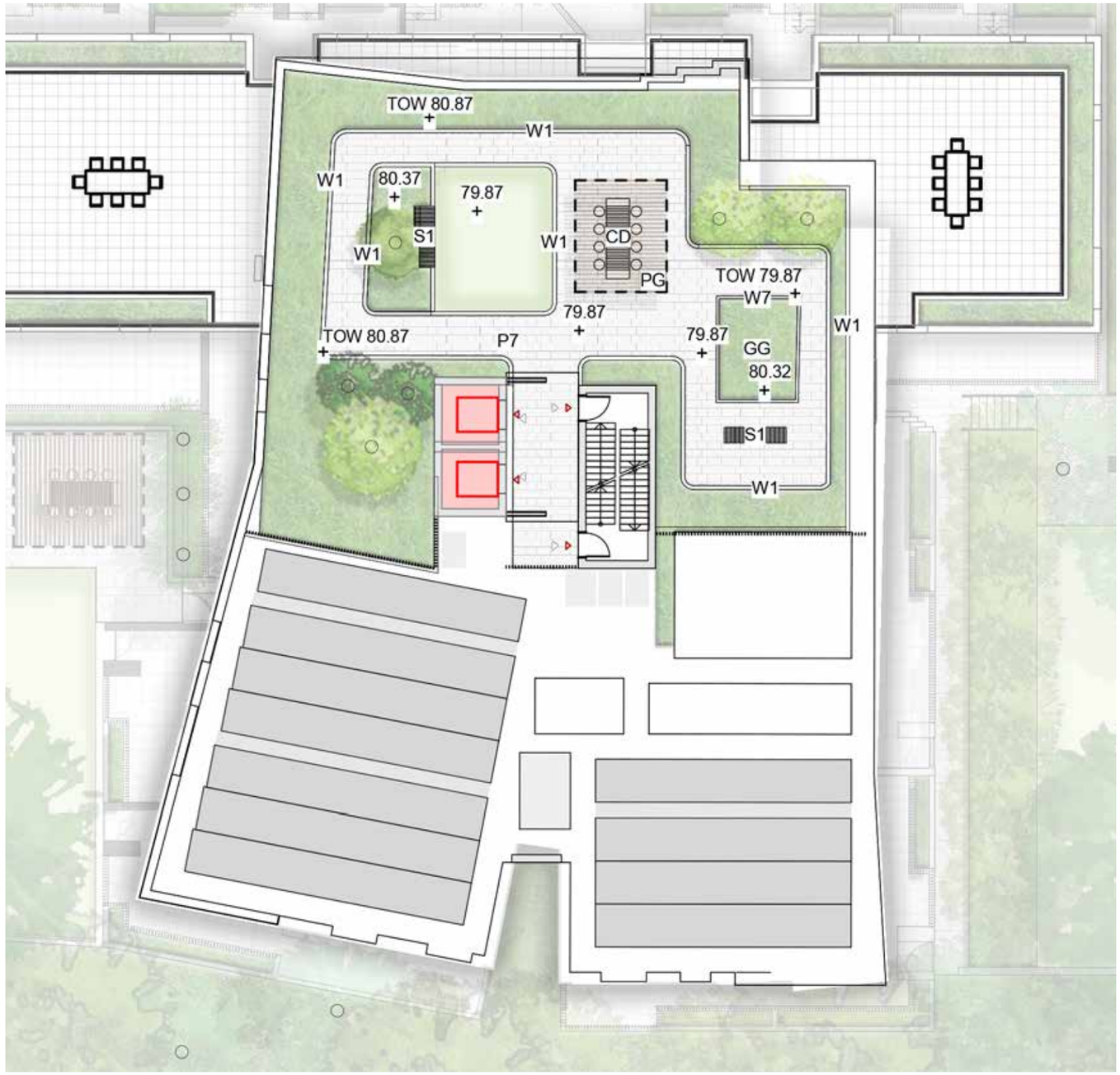

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2D - EAST ROOFTOP



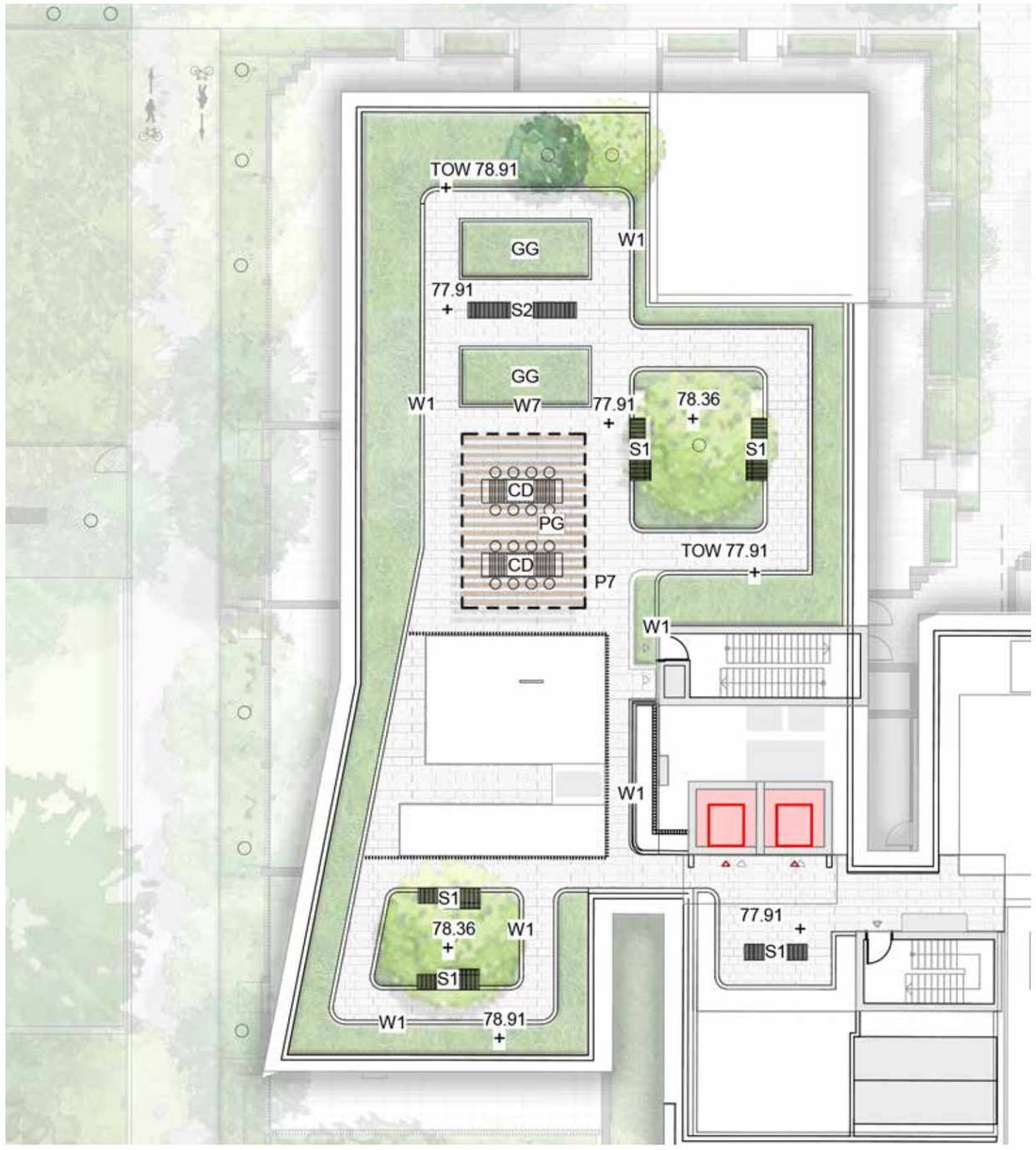

KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| | Synthetic Lawn |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# SITE 2E - ROOFTOP




KEY

| | |
|---|---|
| P7 | Concrete Unit Paving |
| W1 | 1m High Concrete Wall |
| W7 | 450mm High Concrete wall |
| PG | Pergola |
| CD | Dining Table |
| S1 | Timber Seat |
| GG | Communal Productive food Garden |
| | Planting |
| | Trees refer to tree schedule to species |

N

SCALE: 1:200

# PLANTING PALETTE | ROOFTOP

| CODE | BOTANICAL NAME | COMMON NAME | MATURE HEIGHT | MATURE SPREAD | POT SIZE |
|---|---|---|---|---|---|
| **TREE PALETTE** | | | | | |
| | leptospermum petersonii | Lemon-scented teatree | | | 100L |
| | Tristaniopsis laurina | Water Gum | | | 200L |

| BOTANICAL NAME | COMMON NAME | POT SIZE | DENSITY |
|---|---|---|---|
| **UNDERSTORY PALETTE** | | | |
| Acmena 'allyn magic' | Lilly pilly | 200mm | 400mm |
| Austromyrtus dulcis | Midgen Berry | 200mm | 400mm |
| Banksia aemula | Wallum Banksia | 200mm | 400mm |
| Banksia birthday candles | Heath leaved banksia | 200mm | 400mm |
| banksia pygmy possum | Banksia | 200mm | 400mm |
| Callistemon 'White Anzac' | White Anzac Bottlebrush Casuarina glauca prostrate form Grevillea | 200mm | 400mm |
| Casuarina 'Cousin It' | Casuarina glauca prostrate form | 200mm | 400mm |
| Carpobrotus glaucescens | Pigface | 200mm | 300m |
| Grevillea 'forest rambler' | Grevillea | 200mm | 400mm |
| Hymenosporum 'Gold Nugget' | Dwarf Native Frangipani | 200mm | 400mm |
| Lomandra 'Nyalla' | Nyalla | 200mm | 400mm |
| Melaleuca thymifolia | Thyme Honey-myrtle | 200mm | 400mm |
| Poa poiformis | Coast Tussock Grass | 200mm | 400mm |
| Rosmarinus officinalis 'Blue Lagoon | | 200mm | 400mm |
| Scaevola aemula | Fairy Fan-flower | 200mm | 400mm |
| Santolina Chamaecyparissus | Cotton Lavender | 200mm | 400mm |
| **GROWING GARDEN PALETTE** | | | |
| Aloe Vera | | 150mm | 300mm |
| Coriandrum sativum | Coriander | 150mm | 300mm |
| Aptenia cordifolia | Ice Plants | 150mm | 300mm |
| Lemongrass | Cymbopogon citratus | 150mm | 300mm |
| Mixed Lettuce | | 150mm | 300mm |
| Tropaeolum sp | Nasturtiums Dark red | 150mm | 300mm |
| Solanum muricatum | Pepino Melons | 150mm | 300mm |
| Apium graveolens | Peppermint Celery | 150mm | 300mm |
| Raphanus sativus sp | Radish | 150mm | 300mm |
| Eruca sativa sp | Rocket/Aragula pots | 150mm | 300mm |
| Fragaria × ananassa var. 'Temptation' - Strawberries | Strawberry | 150mm | 300mm |

**NOTE**

- PLANTING PALETTES ARE INDICATIVE AND MAY CHANGE THOUGH THE DETAILED DESIGN PHASE AND AVAILABILITY AT TIME OF PROCUREMENT

# MATERIAL PALETTE | ROOFTOP

## STRATEGY

### FURNITURE AND FIXTURES

All furniture and fixtures for the site will be

- Durable and functional.
- Able to facilitate social and communal activities.
- Adaptable to the needs of the community, including being childsafe.

### STRUCTURES

The structures, notably the pergolas over the podiums

- Functional and aesthetically pleasing.
- Durable, well wearing, resistant to the weather and continued use.

## PAVING + WALLS

CONCRETE UNIT PAVER

CONCRETE RAISED PLANTERS

## FURNITURE, FIXTURES & STRUCTURES

TIMBER SEATING (OR SIMILAR)

TIMBER BENCH SEATING WITH BACKREST

TIMBER PERGOLA

COMMUNAL TABLE

COMMUNAL DINING AREA

**SYDNEY**
95 Kingsway
Cronulla NSW 2230
P 02 9527 3380
ABN: 77 097 739 663

**TURFDESIGN.COM**