

# L00

**site:**

60, 62 & 64 Showground Road Gosford NSW

**proposal:**

DA

**project no:**

13922.5

**design/drawn:**

MA

**date:**

30.05.2024

**revision:**

M

**dwg no.**

L00

**dwg :**

cover page

## Landscape development application

Showground Road Integrated Medical Office Building

**CHP**



# Concept design

## ground floor layout

# L01

may 2024

planter with creepers and shade plants with the high retaining wall to create visual interest for ground floor tenancies

paved area around the building

20 nos. of bike parking

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| M | 30/05/24 |
| L | 14/05/24 |
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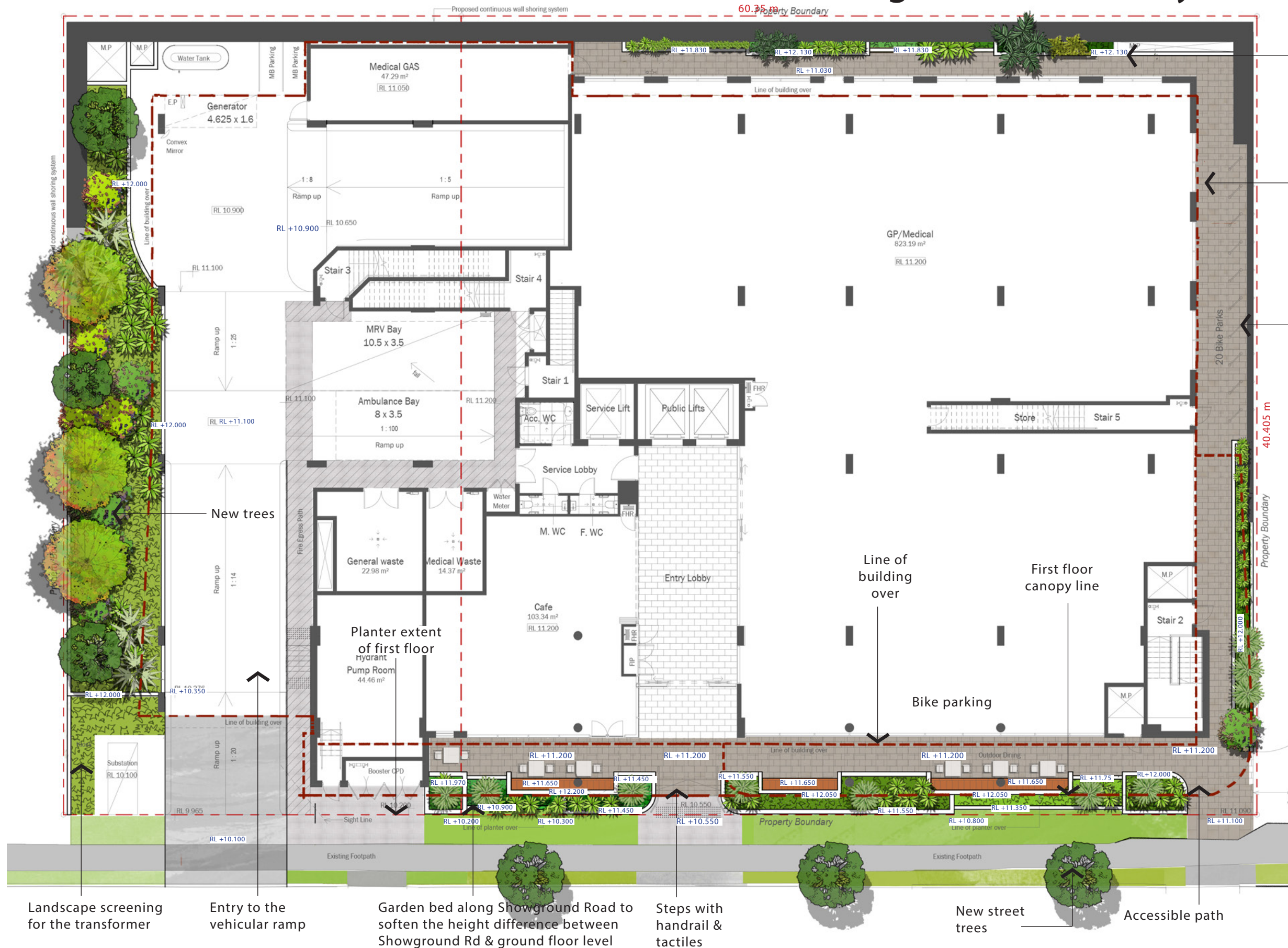
JOB NO. 13922.5 PHASE: DA DWG No: L01 REV: M

13922.5 DA L01 M



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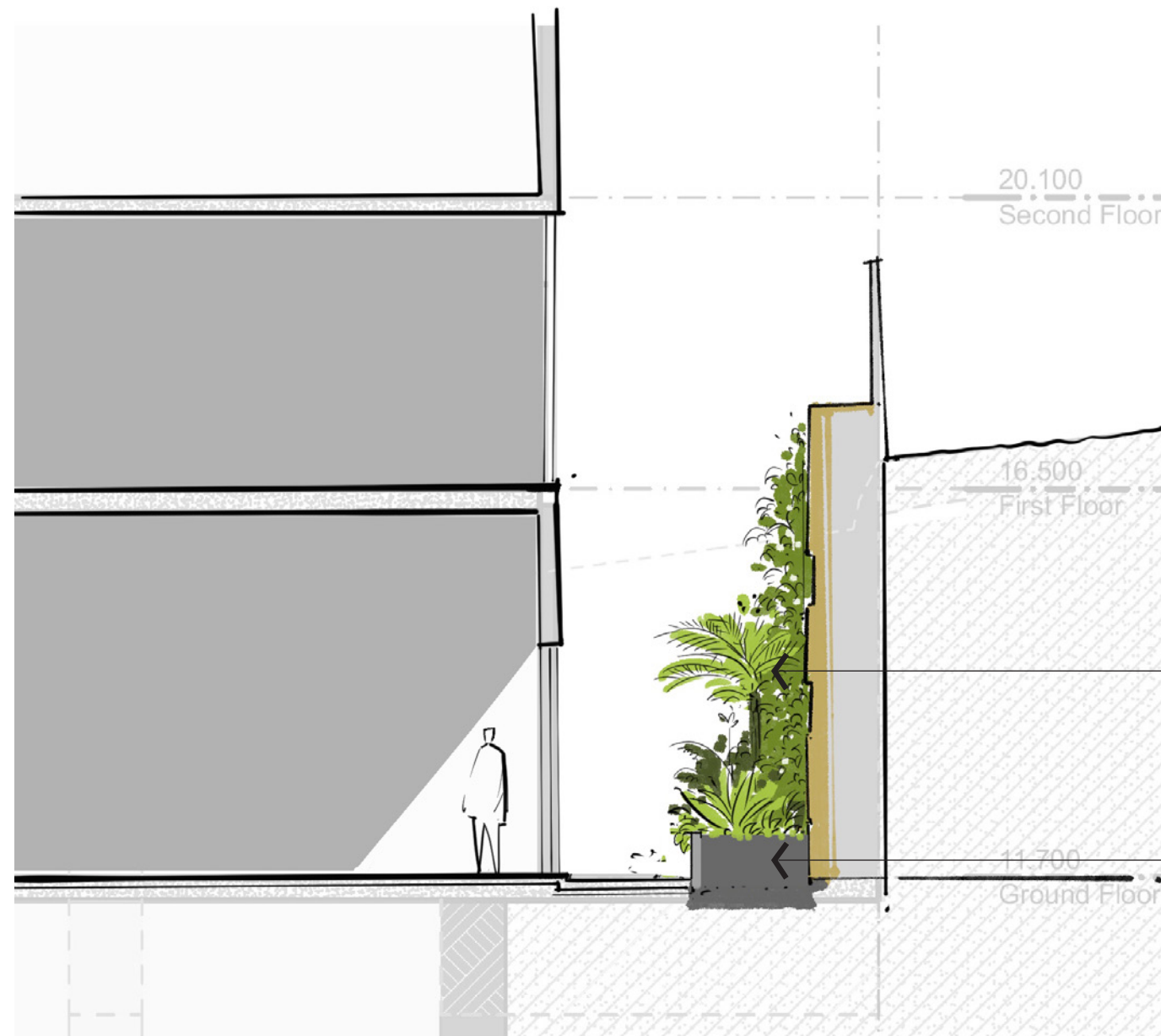


# Concept design

## ground floor retaining wall 1

# L02

may 2024



*philodendron xanadu*



*Zamia furfuracea*



*Dicksonia antarctica*

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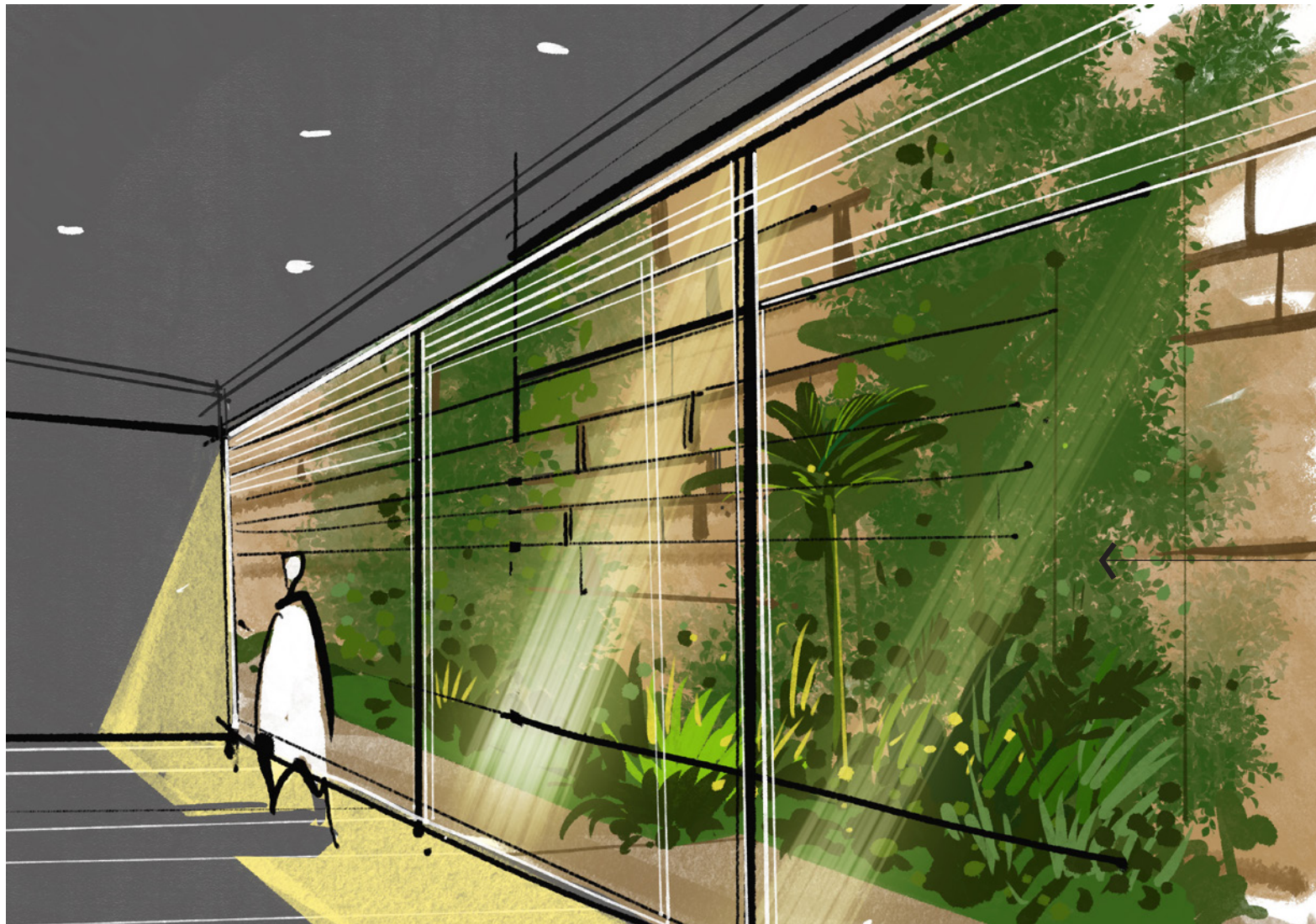


# Concept design

## ground floor retaining wall 2

# L03

may 2024



potential of having a green  
creeper wall and green soft  
edge as feature

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# Concept design

## ground floor retaining wall 3

# L04

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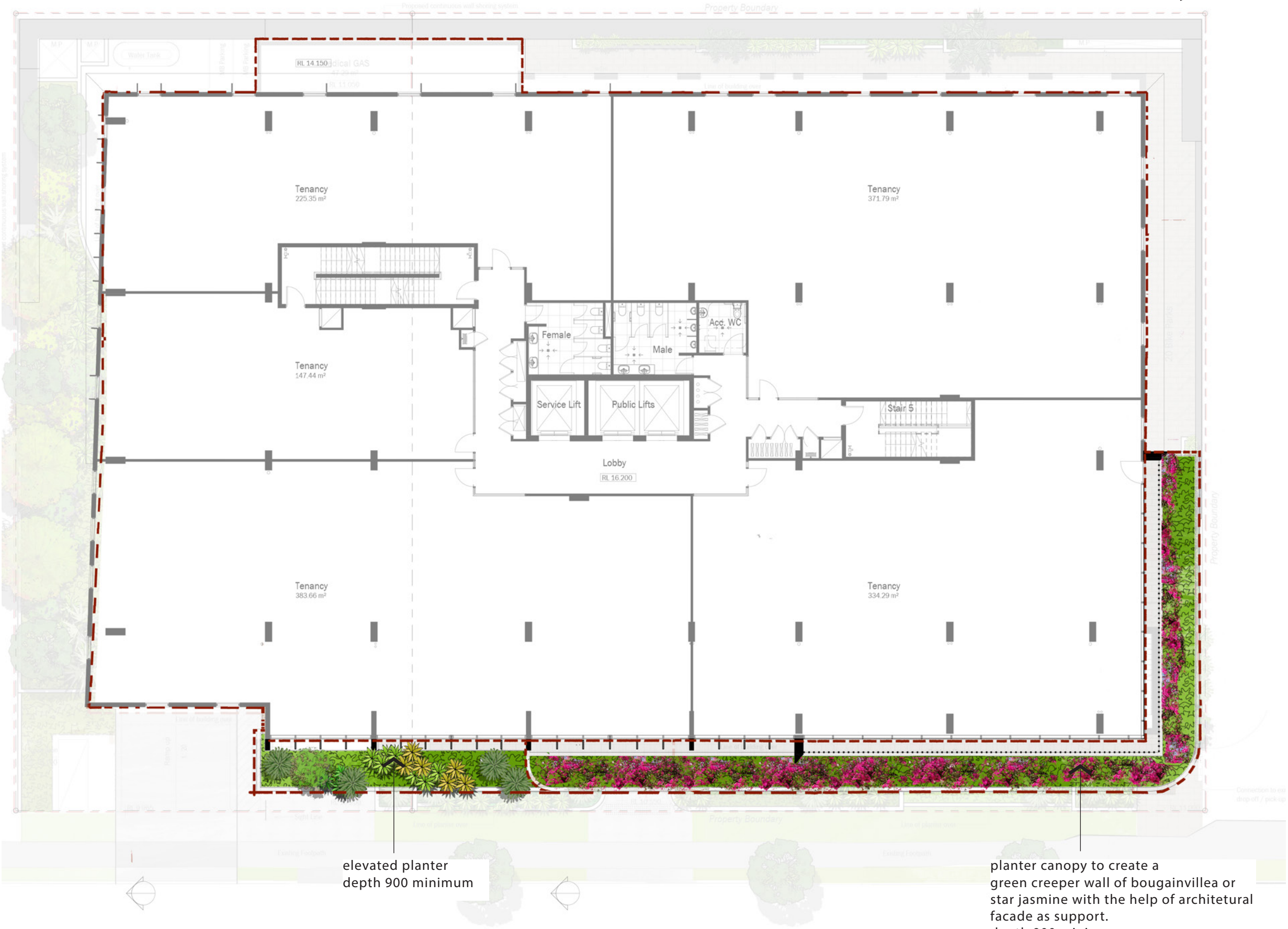
  
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# Concept design

## first floor layout

# L05

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elevated planter  
depth 900 minimum

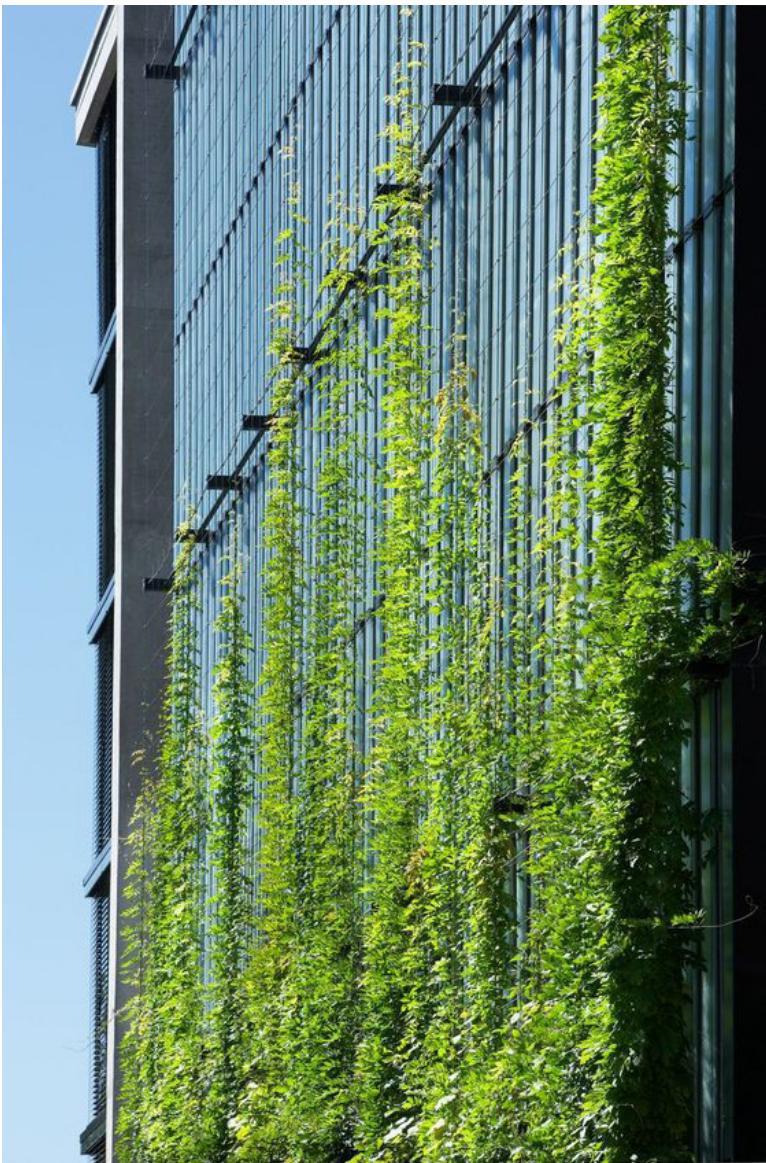
planter canopy to create a  
green creeper wall of bougainvillea or  
star jasmine with the help of architetalural  
facade as support.  
depth 900 minimum



# Concept palette creeper wall

L06

may 2024



Green facade: Wire mesh & climber from planter



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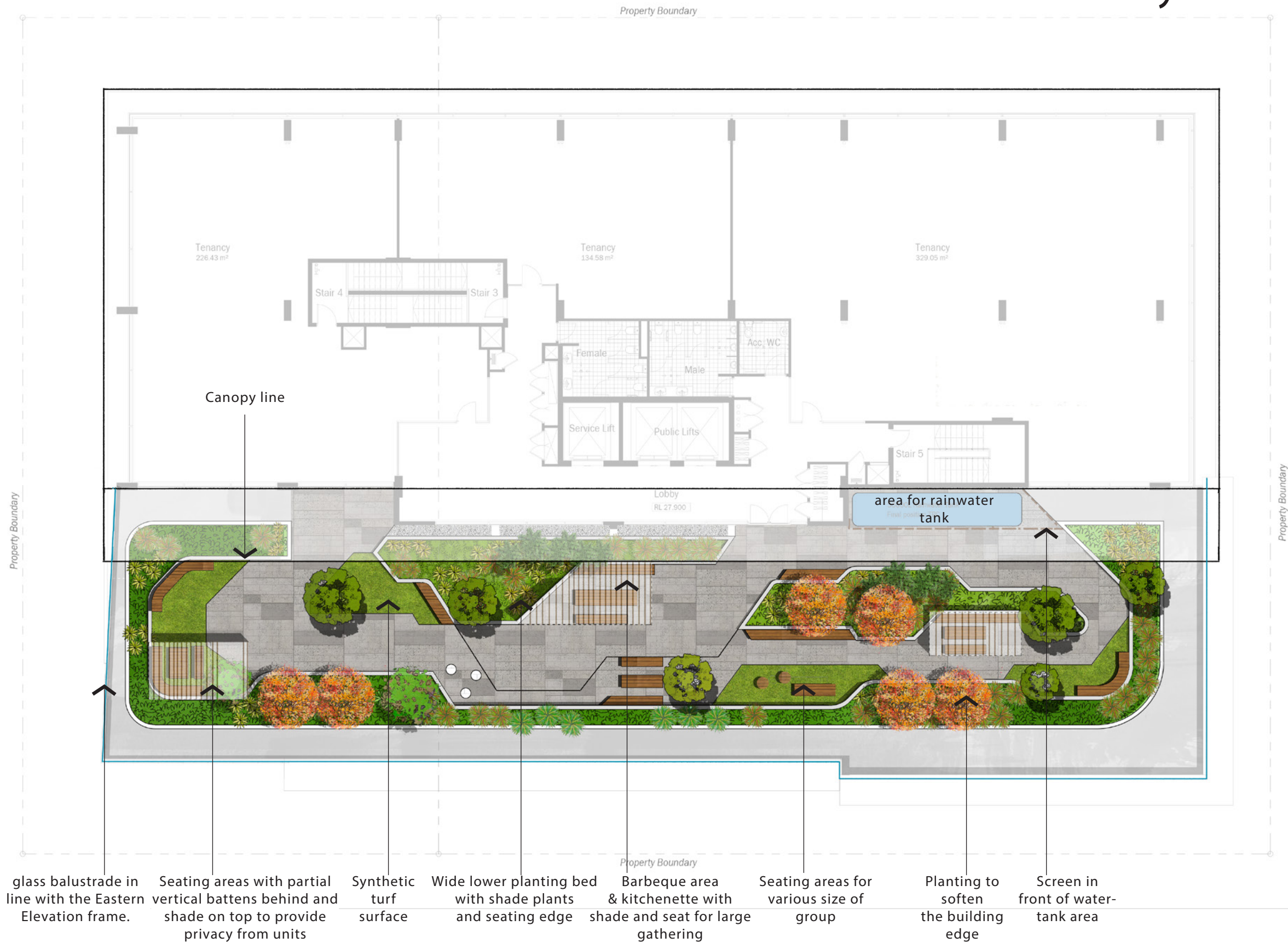


# Concept design

## fourth floor layout

# L07

may 2024



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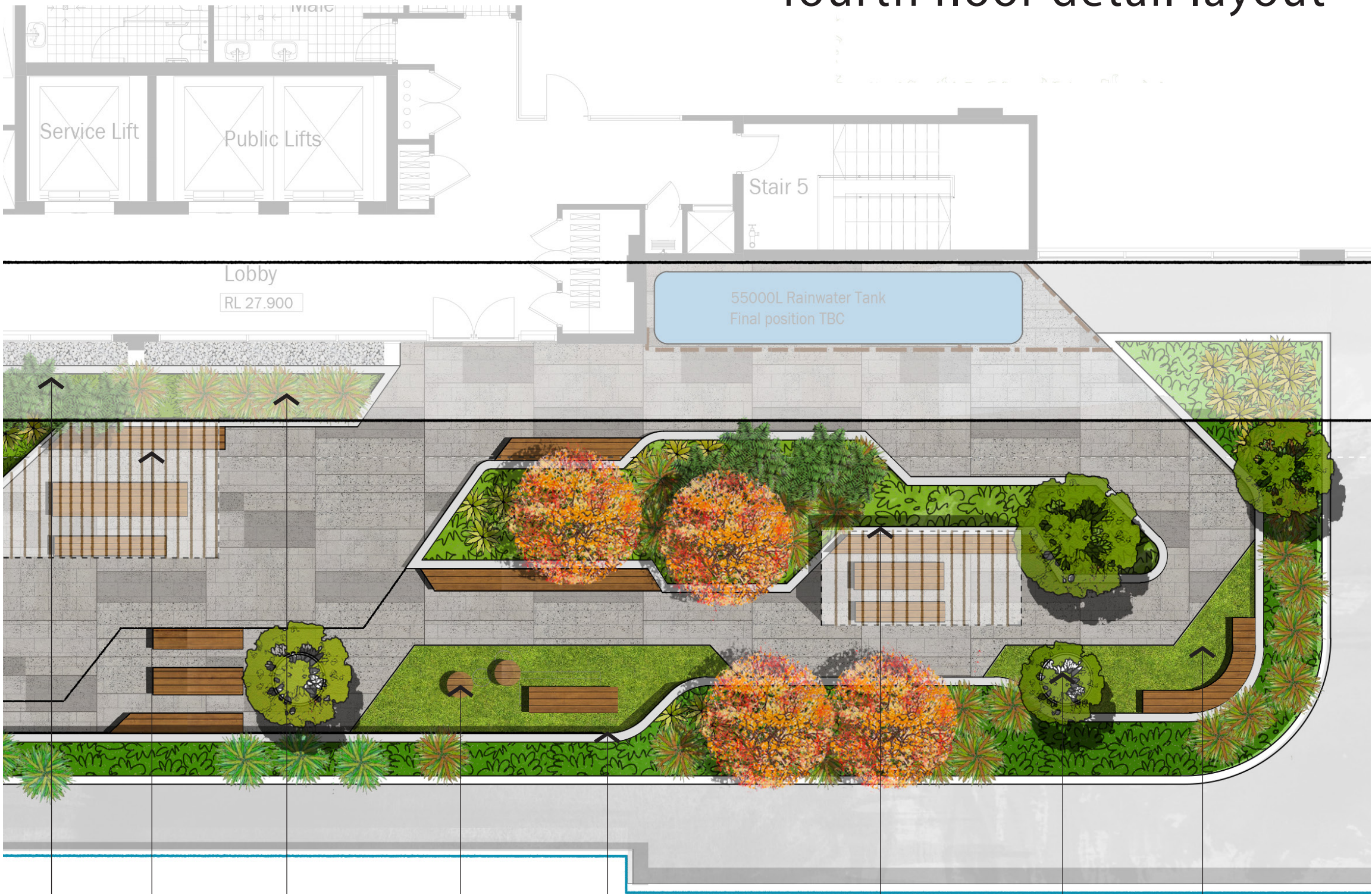


# Concept design

## fourth floor detail layout

# L08

may 2024



Extent of roof over  
Extent of semi shaded canopy over  
Shade loving plants along the apartments  
Seating areas for various size of group  
Continuous planting through the building edge to soften the building  
Vertical elements for shade aligns to the repetition of the architecture blades/mullions on Level one to four  
Small trees in planter  
Synthetic turf

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| <b>JOB NO.</b><br>13922.5 | <b>PHASE:</b><br>DA      | <b>DWG No:</b><br>L08  |
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# Concept palette

## precedent images 1

L09

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Simple shade on top following architecture language



Barbeque & kitchentte



Seating areas with vertical battens behind . Protection from afternoon sun



Shade structures and seating below

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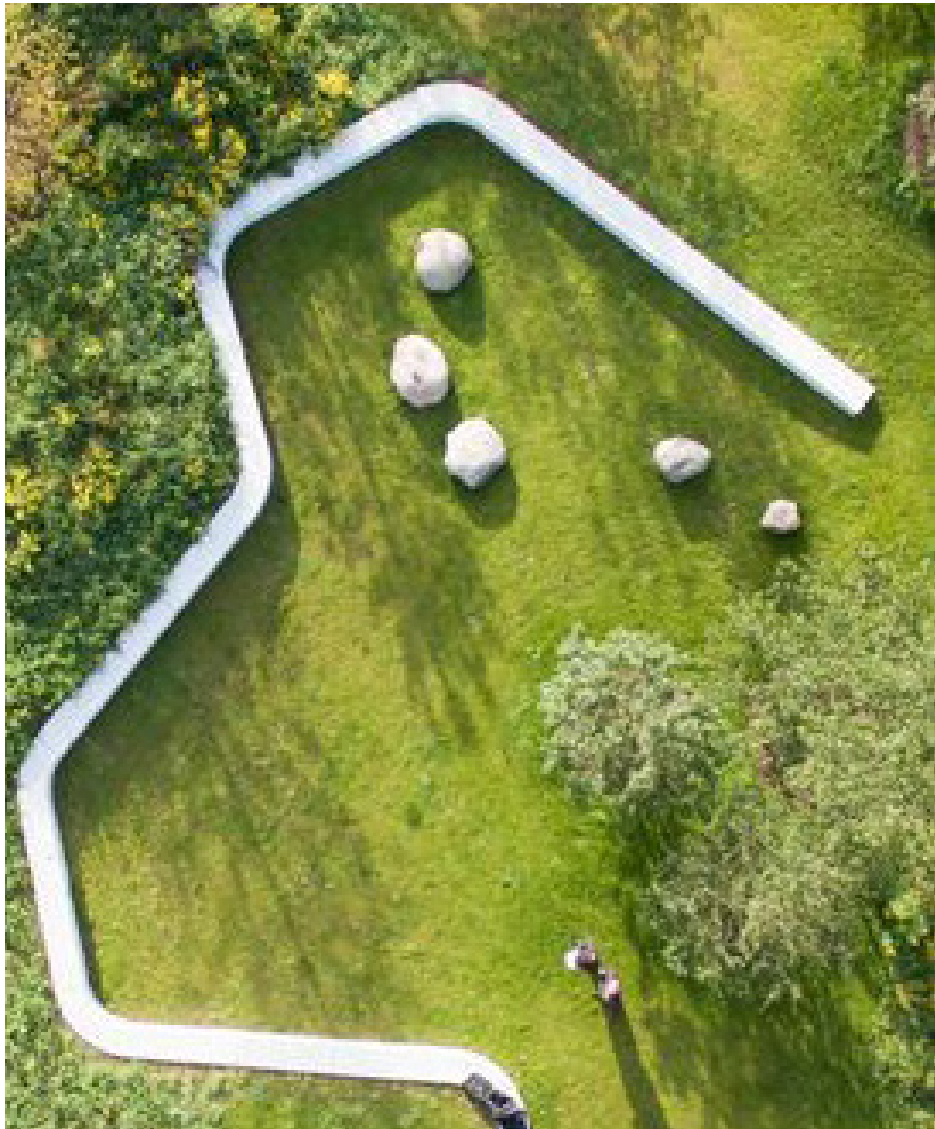


# Concept palette

## precedent images 2

L10

may 2024



Synthetic turf area and seating edges around



planter edge

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| JOB NO. | PHASE:   | DWG No: | REV: |
| 13922.5 | DA       | L10     | M    |



# Planting palette: roof planting palette 1

L11

may 2024



Planting palette



Planting palette

## Tree options

| No. | Botanical Name                       | Common Name       | Height | Width |
|-----|--------------------------------------|-------------------|--------|-------|
| 01  | <i>Magnolia grandiflora</i> 'Exmouth | Bull Bay Magnolia | 8      | 5.0   |

## Mass planting

|    |                                   |                    |        |     |
|----|-----------------------------------|--------------------|--------|-----|
| 03 | <i>Lomandra longifolia</i>        | Mat Rush           | 1      | 0.6 |
| 04 | <i>Westringia fruticosa</i> Mundi | Coastal rosemary   | 0.5    | 1.5 |
| 05 | <i>Syzygium australe</i>          | Lily Pilly         | 1.5- 2 | 0.8 |
| 06 | <i>Gazania hybrid</i>             | Cream lea          | 1.5    | 1.0 |
| 07 | <i>Dietes iridioides</i>          | Dietes             | 0.6    | 0.6 |
| 08 | <i>Liriope muscari</i> 'Isabella' | Liriope Isabella   | 0.4    | 0.4 |
| 09 | <i>Banksia spinulosa</i>          | Hair pin banksia   | 1.5    | 0.3 |
| 10 | <i>Myoporum parvifolium</i>       | Creeping boobialla | 0.6    | 0.9 |
| 11 | <i>Senecio serpens</i>            | Blue chalk stick   | 0.5    | 1.0 |
| 12 | <i>Alcantarea imperialis</i>      | bromeliads         | 1 m    | 0.9 |

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*Lomandra longifolia*  
'Katrinus'



*Myoporum parvifolium*



*Dietes iridioides*



*Magnolia grandiflora* 'Exmouth'



# Planting palette: ground

## planting palette 2

# L12

may 2024



*Elaeocarpus eumundi*



*Tristaniopsis laurina*



*Backhousia myrtifolia*



*Hymenosporum flavum*



*Cyathea cooperi*



*philodendron xanadu*



*Zamia furfuracea*



*Dichondra silver falls*



*Plectranthus argentatus*



*Trachelospermum asiaticum*



*Myoporum parvifolium*



*yellow buttons*

### Tree options

| No. | Botanical Name               | Common Name          | Height | Width |
|-----|------------------------------|----------------------|--------|-------|
| 01  | <i>Elaeocarpus eumundi</i>   | Quandong             | 8      | 5.0   |
| 02  | <i>Tristaniopsis laurina</i> | Water gum            | 8-10   | 6.0   |
| 03  | <i>Hymenosporum flavum</i>   | Native Frangipani    | 8      | 5     |
| 04  | <i>Backhousia myrtifolia</i> | Grey myrtle          | 4      | 3     |
| 05  | <i>Cyathea cooperi</i>       | Australian Tree Fern | 5-10   | 3     |

### Mass planting/ groundcover/climber

|    |                                  |                    |        |     |
|----|----------------------------------|--------------------|--------|-----|
| 06 | <i>Lomandra longifolia</i>       | Mat Rush           | 1      | 0.6 |
| 07 | <i>Philodendron xanadu</i>       | xanadu             | 1.5    | 1.5 |
| 08 | <i>Syzygium australe</i>         | Lily Pilly         | 1.5- 2 | 0.8 |
| 09 | <i>Chrysocephalum apiculatum</i> | Yellow buttons     | 0.3    | 0.5 |
| 10 | <i>Dietes iridioides</i>         | Dietes             | 0.6    | 0.6 |
| 11 | <i>Zamia furfuracea</i>          | Cardboard palm     | 1.0    | 1.5 |
| 12 | <i>Dichondra silver falls</i>    | Silver falls       | 0.5    | 0.8 |
| 13 | <i>Myoporum parvifolium</i>      | Creeping boobialla | 0.6    | 0.9 |
| 14 | <i>Senecio serpens</i>           | Blue chalk stick   | 0.5    | 1.0 |
| 15 | <i>Plectranthus argentatus</i>   | Silver Shield      | 0.4    | 0.7 |
| 16 | <i>Trachelospermum asiaticum</i> | Star jasmine       | 0.5    | 1.5 |

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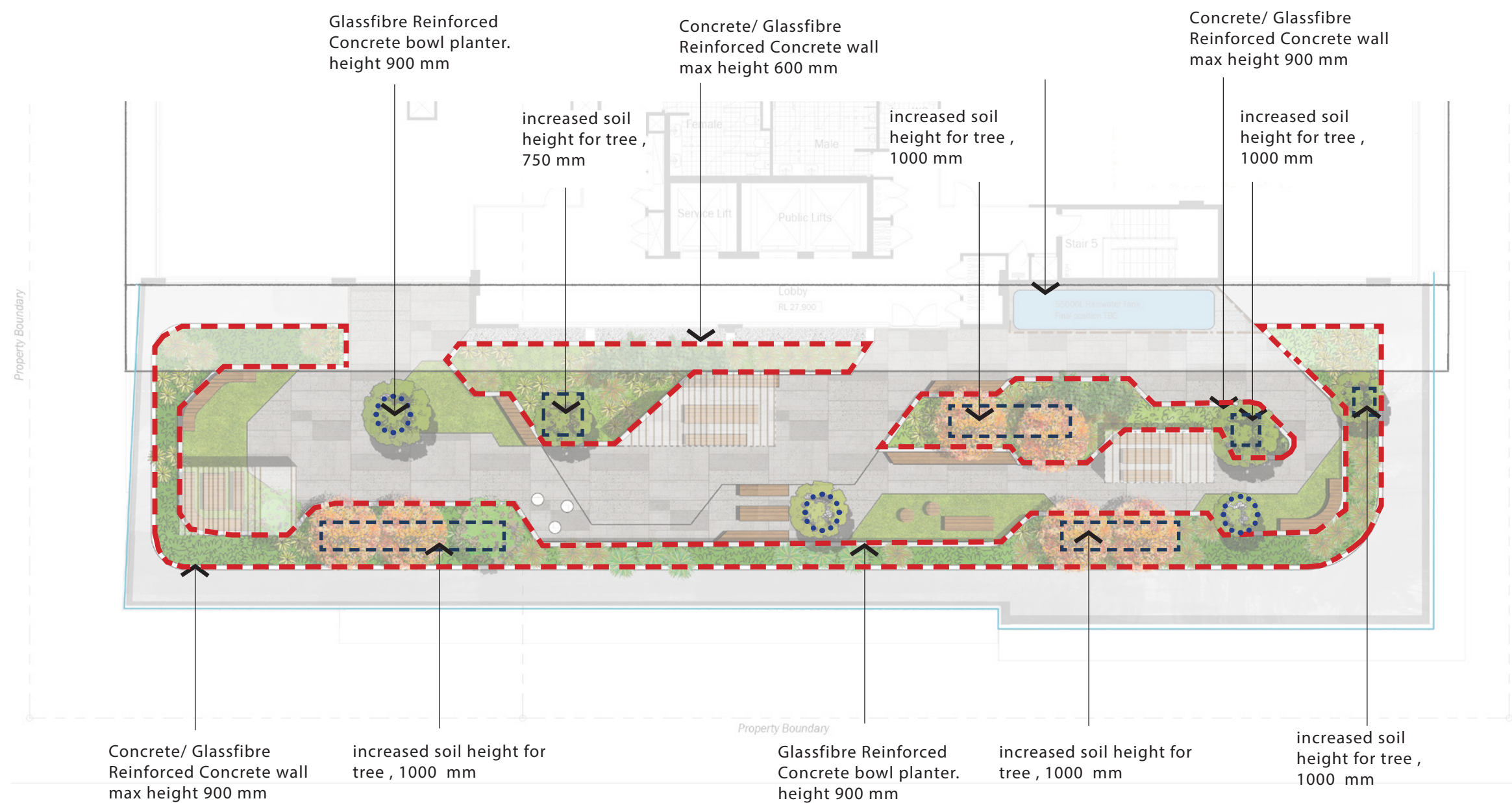
  
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Concept design  
soil depth

# L13

may 2024



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# Concept design

## soil specification

# L14

may 2024

### Specification E1: On slab soil media 'A' horizon

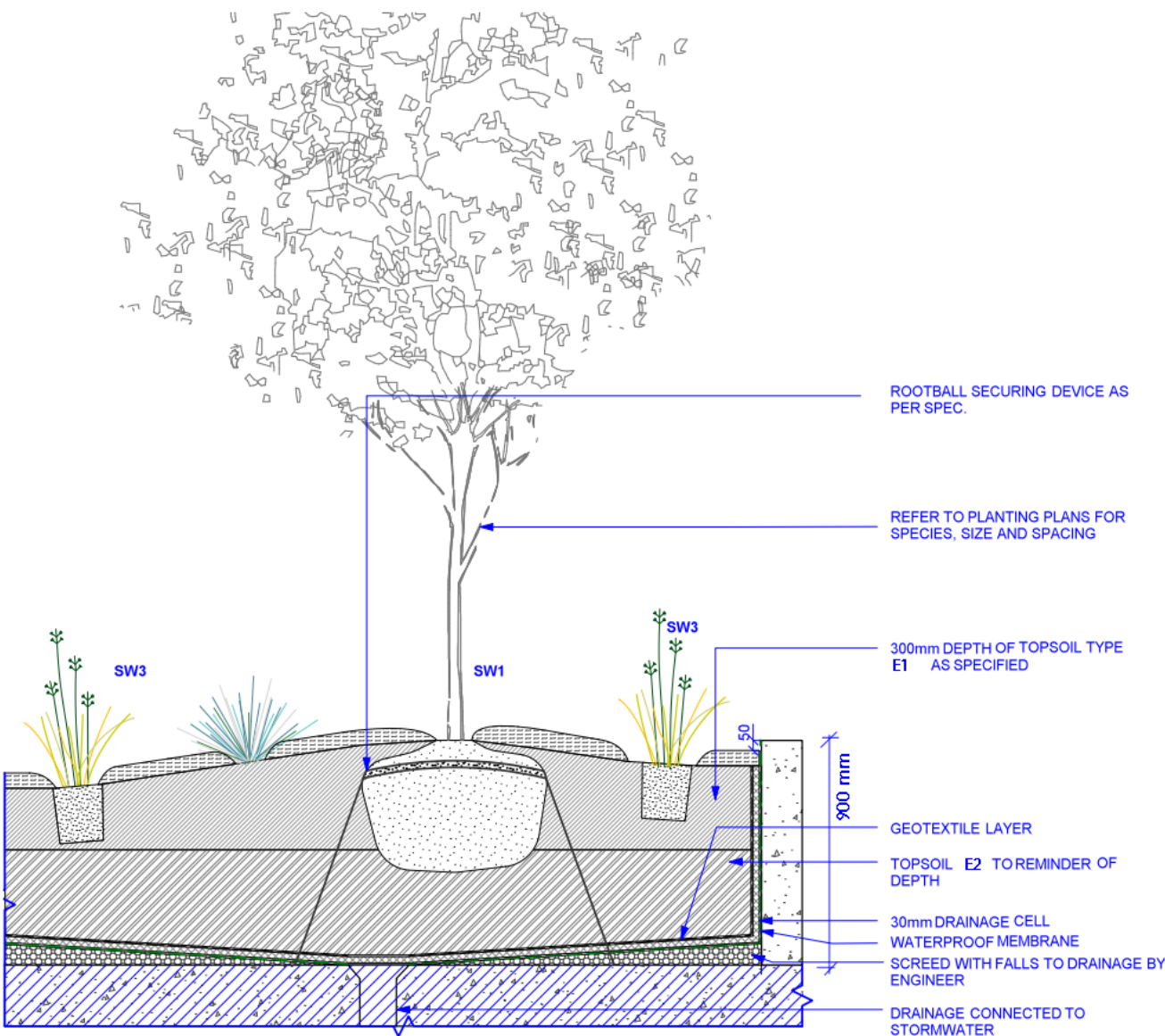
#### Part A. 'Fit-for-purpose' performance description

The specification describes the formulation of an open granular well-drained growing media with a saturated density of less than 2400 kg/m<sup>3</sup> (2.4 kg/L) for use in on-slab applications, including green roofs with an expectation of longevity. It is a topsoil formulation to be used in the surface 300 mm of all on-slab installations including planter boxes, containers and garden beds. In order to maintain structure and porosity over extended periods, and to avoid slumping and volume loss over time, the formulation must employ low density mineral components such as ash, perlite, scoria, pumice and diatomaceous earth, or artificial components such as urea formaldehyde and styrofoam. Physically, the media has the properties of a potting media and is assessed using the methodology of AS 3743.

### Specification E2: On slab soil media 'B' horizon

#### Part A. 'Fit-for-purpose' performance description

The specification describes the formulation of an open granular well-drained growing media with an all-up saturated density of less than 2400 kg/m<sup>3</sup> (2.4 kg/L) for use in on-slab applications with an expectation of longevity to be used as a subsoil below 300 mm of all on-slab installations, including planter boxes, containers and garden beds. For the upper/above 300 mm 'A' horizon use Specification E1. In order to maintain structure and porosity over extended periods, and to avoid slumping and volume loss over time, the formulation must employ low-density mineral components such as ash, perlite, scoria, pumice and diatomaceous earth, or artificial components such as urea formaldehyde and Styrofoam. Physically the media has the properties of a potting media and is assessed using the methodology of AS 3743.



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