

**PARTICULAR SPECIFICATION**

**APPENDIX BL**

**ARCHITECTURAL DESIGN CONCEPT**

CONTRACT CR206

# CROSS ISLAND LINE PHASE 2 ARCHITECTURE DESIGN CONCEPT

CR206 | CR16 MAJU STATION | PS Appendix BL

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## CONSIDERATIONS

### 1. Place-making

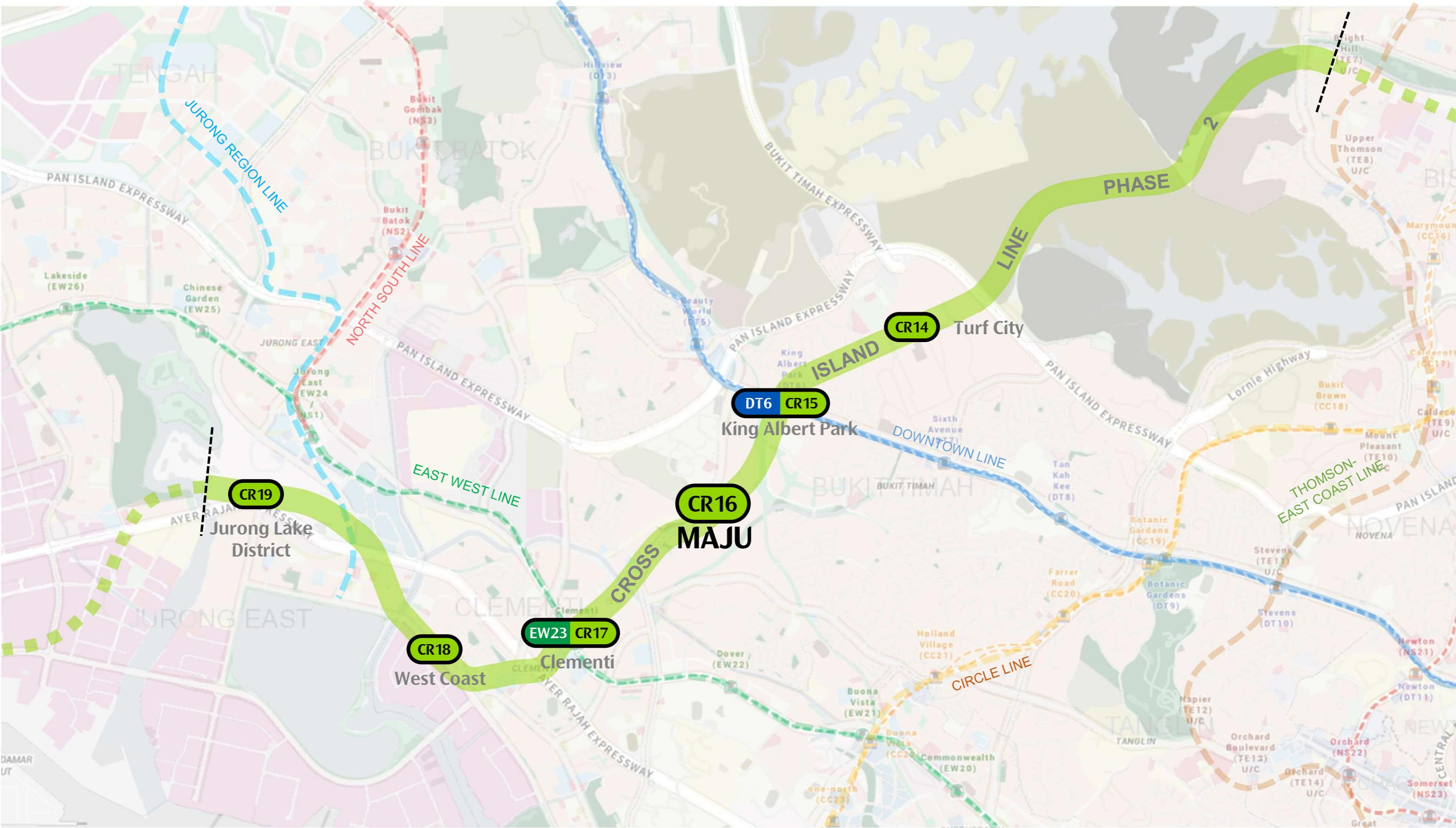
- i. Green Forecourt

### 2. Materiality

- i. Feature Wall
- ii. Concourse Ceiling
- iii. Ceiling
- iv. Exposed Structures
- v. Floor

# 01 OVERVIEW

# 01 STATION LOCATION



# 01 OVERALL DESIGN | DESIGN INSPIRATION & NARRATIVE

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***STATION AS A PART OF THE FOREST,  
NOT APART,***

***TO TELL THE STORIES OF THE SITE,  
AS A WHOLE.***

Located at the fringe of Clementi Forest, an identified biodiversity site, and bordered by the Old Jurong Line, the station seeks to blend with its surroundings by weaving landscape into its entrances and right into the heart of the station. Stories from the forest and old railway are celebrated and re-told through the feature walls, enabling the station to become a new gateway to reconnect the community.



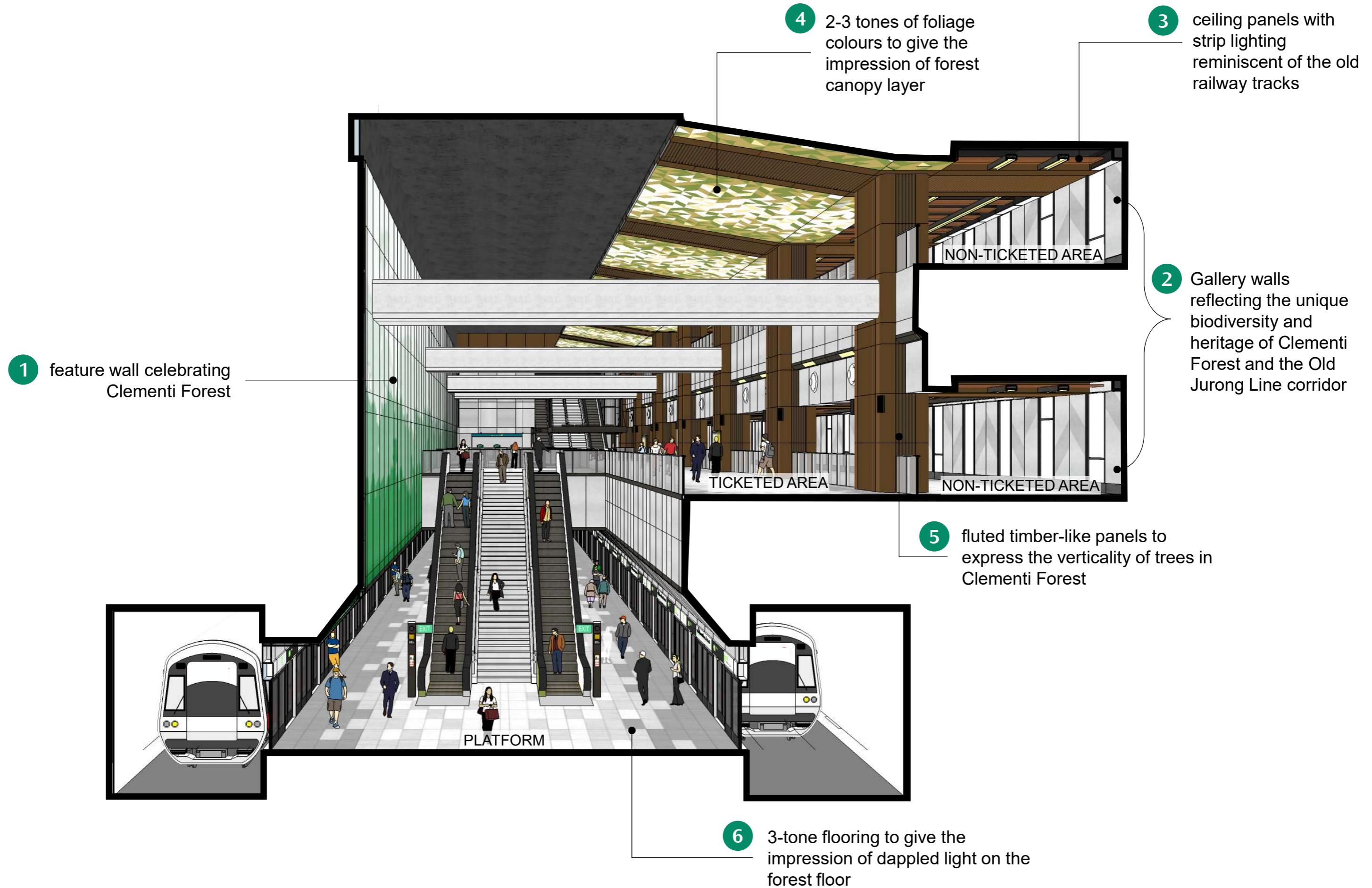
# 01 OVERALL DESIGN | LOOK & FEEL

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Platform Level – a sense of arrival

# 01 OVERALL DESIGN | HIERARCHY OF SPACE



## 02 DESIGN ELEMENTS

## 02 STATION ENTRANCES



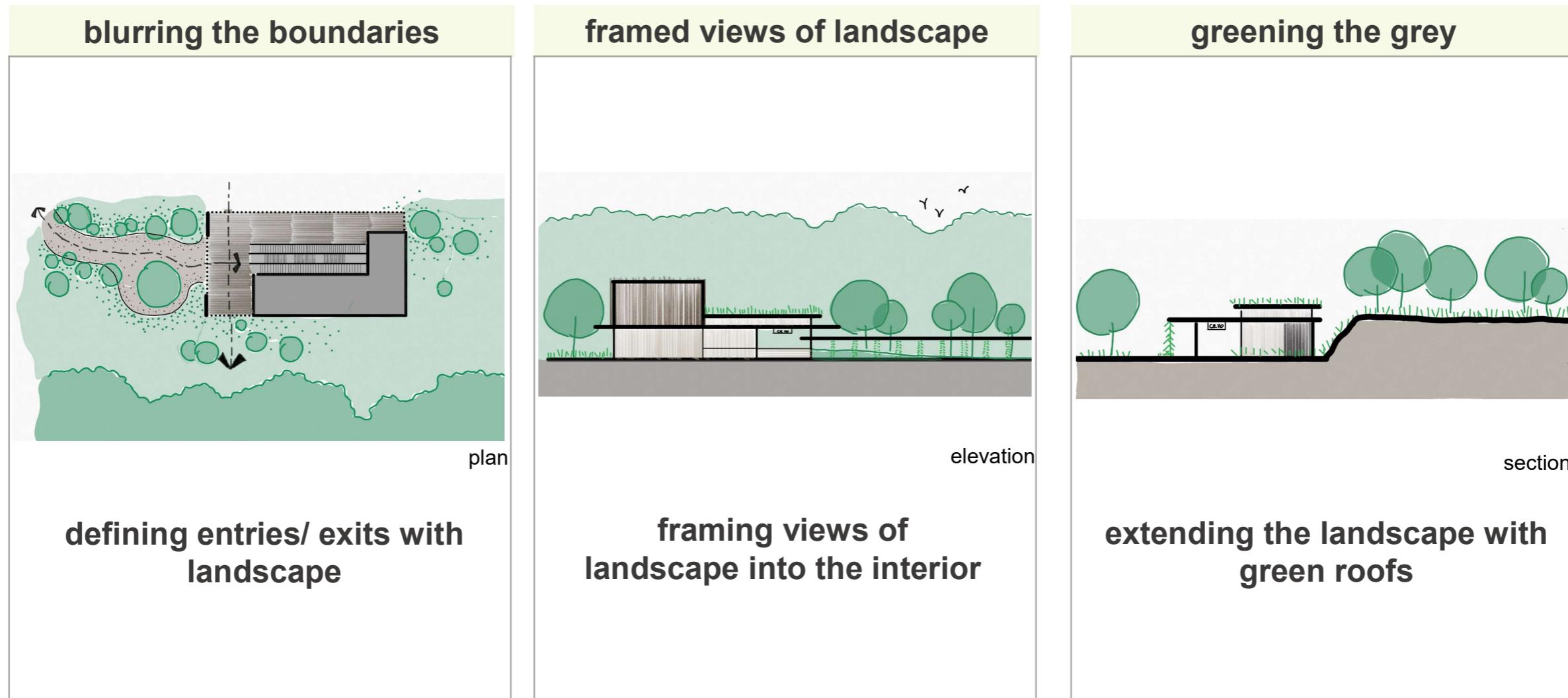
**1** Station entrance

Bus stop

Pick-up/Drop-off (PUDO) point

Taxi stand & Pick-up/Drop-off (PUDO) point

## 02 STATION ENTRANCES | ARCHITECTURAL STRATEGIES



Key architectural strategies to blend the entrances with the landscape

## 02 STATION ENTRANCES | MASSING & LAYERING



### 4 Roof pop-up

- Vertical strips on façade to break down the scale
- Applicable to at-grade structures with 2 aboveground levels

### 3 Main Roof

- Green roof, PV panels or a hybrid of both
- Draping plants to soften the roof edge

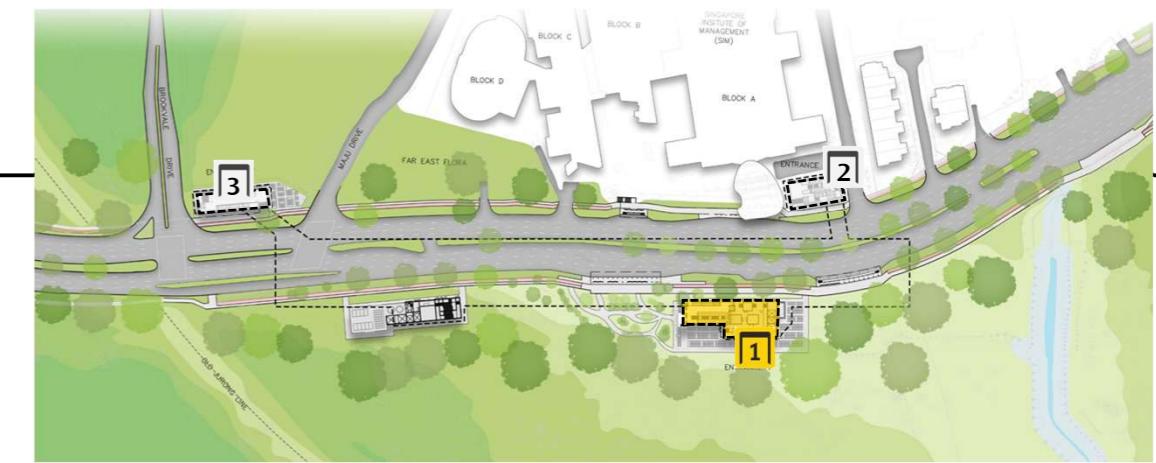
### 2 Lower Roof

- Provides shelter to walkway in front (and sides) of entrance
- Allows clerestory windows for daylight
- Down-hang panels for added weather protection

### 1 Enclosure

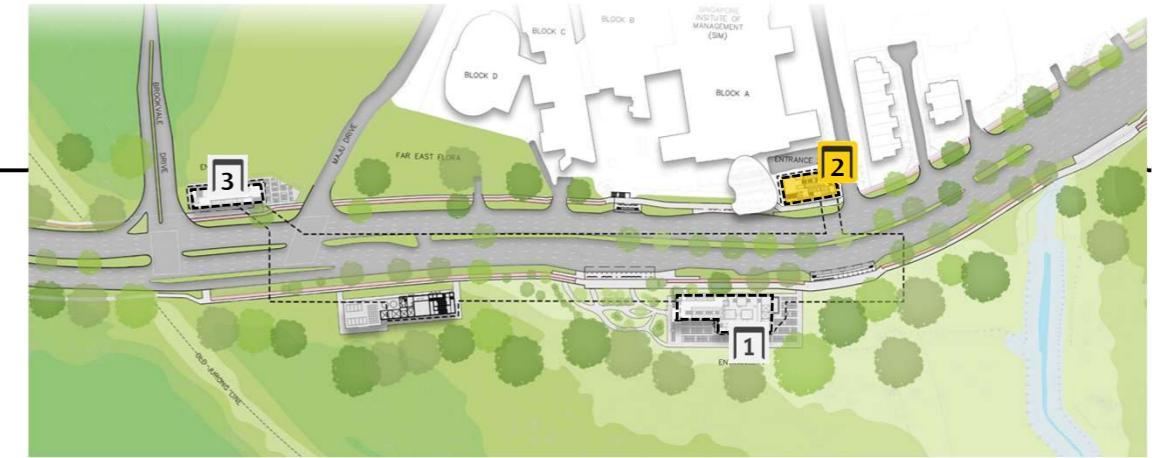
- Shades of neutral tones to give a rustic base
- Glazed louvres to allow air circulation & blur the boundaries between inside and outside

## 02 AT-GRADE STRUCTURES | ENTRANCE 1



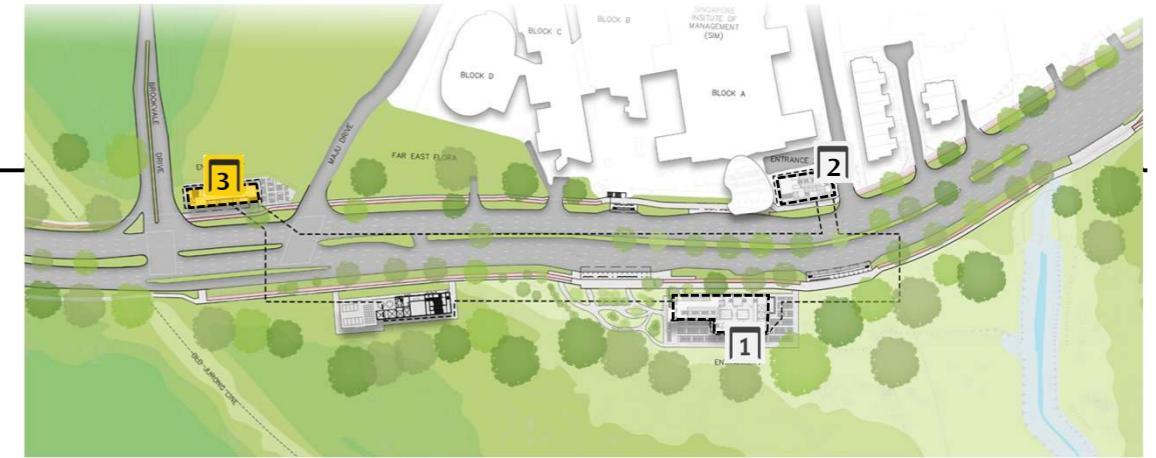
Entrance 1

## 02 AT-GRADE STRUCTURES | ENTRANCE 2



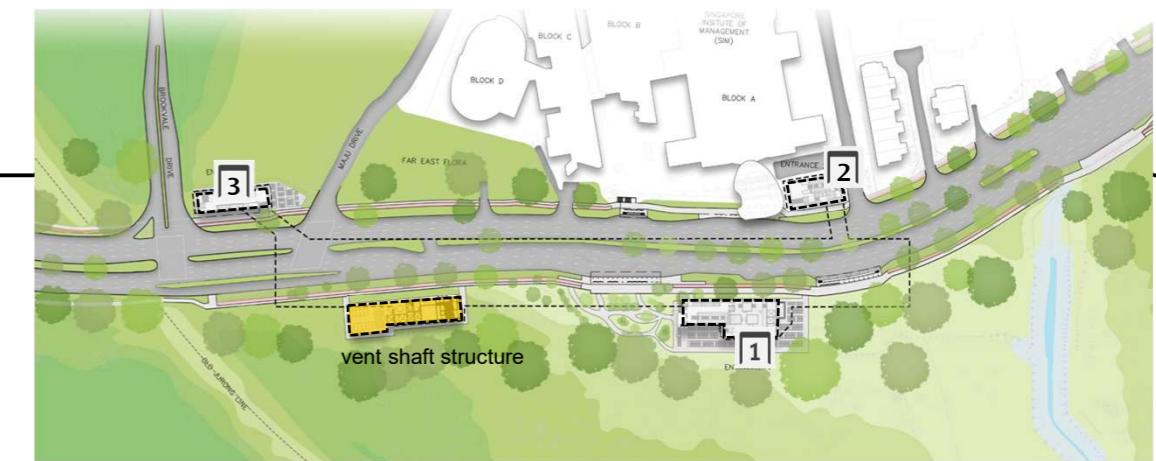
Entrance 2

## 02 AT-GRADE STRUCTURES | ENTRANCE 3



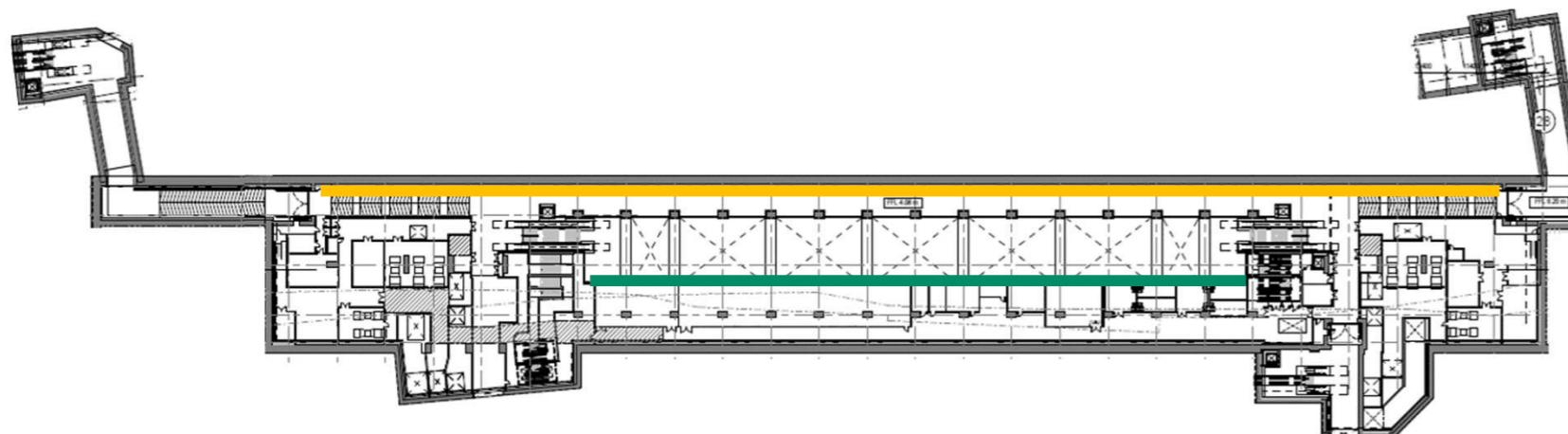
Entrance 3

## 02 AT-GRADE STRUCTURES | ANCILLARY BUILDING

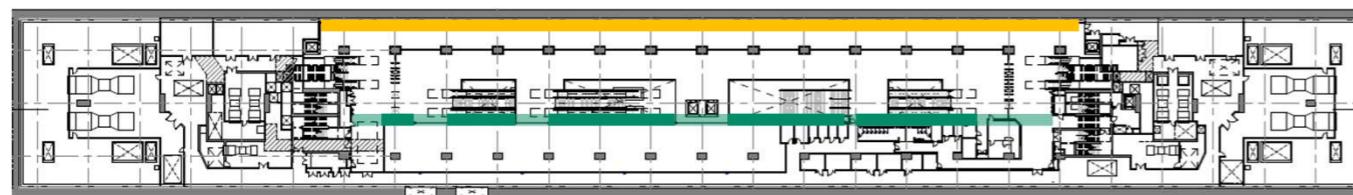


Ventilation Shaft Structure & Cooling Tower

## 02 STATION INTERIOR | WALLS

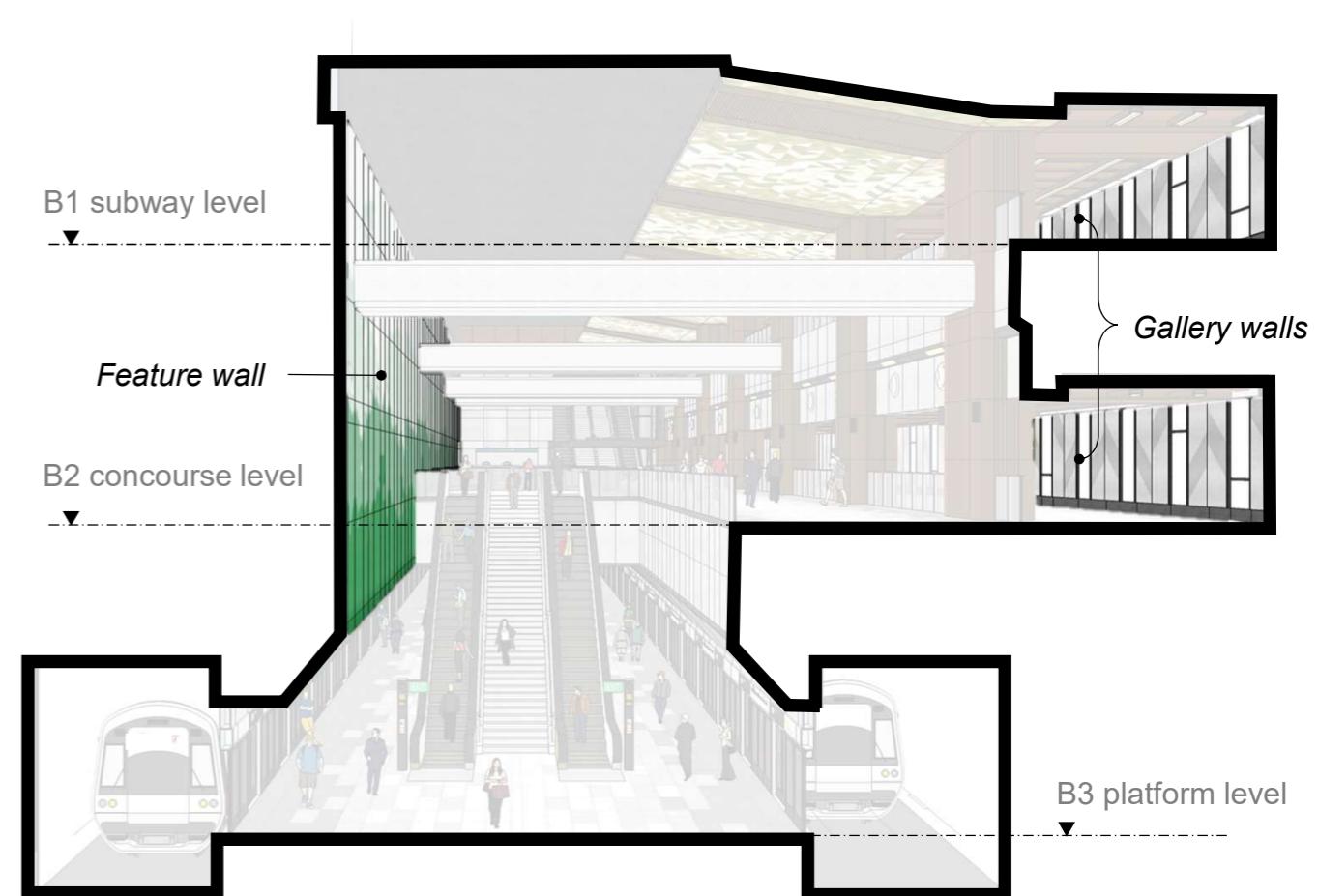


B1 Subway Level



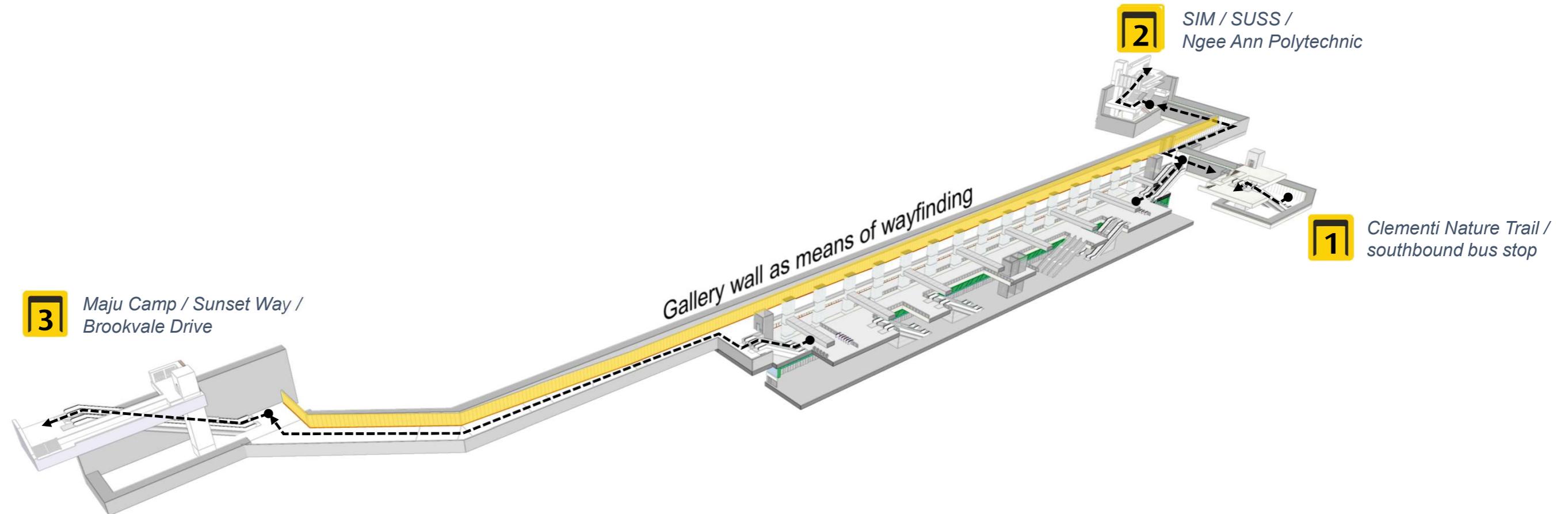
B2 Concourse Level

— Feature Wall  
— Gallery Wall



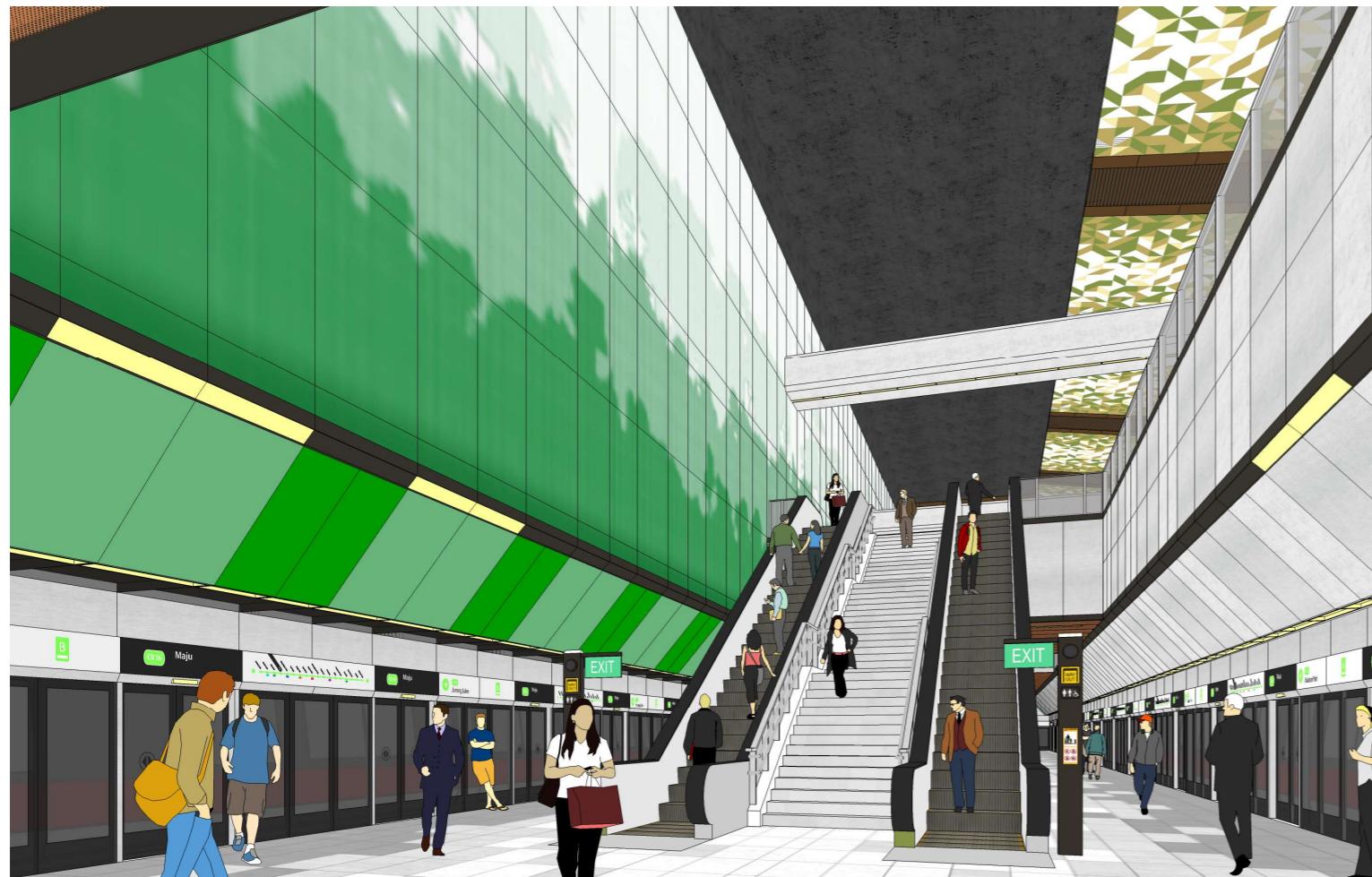
- Feature wall to create a sense of arrival and station identity
- Gallery walls capture the surrounding context and act as a means of wayfinding

## 02 STATION INTERIOR | WALLS



## 02 STATION INTERIOR | WALLS

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Feature Wall



Gallery Wall

## 02 STATION INTERIOR | WALLS

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Feature wall to celebrate Clementi Forest

## 02 STATION INTERIOR | WALLS



Common treeshrew



Straw-headed bulbul

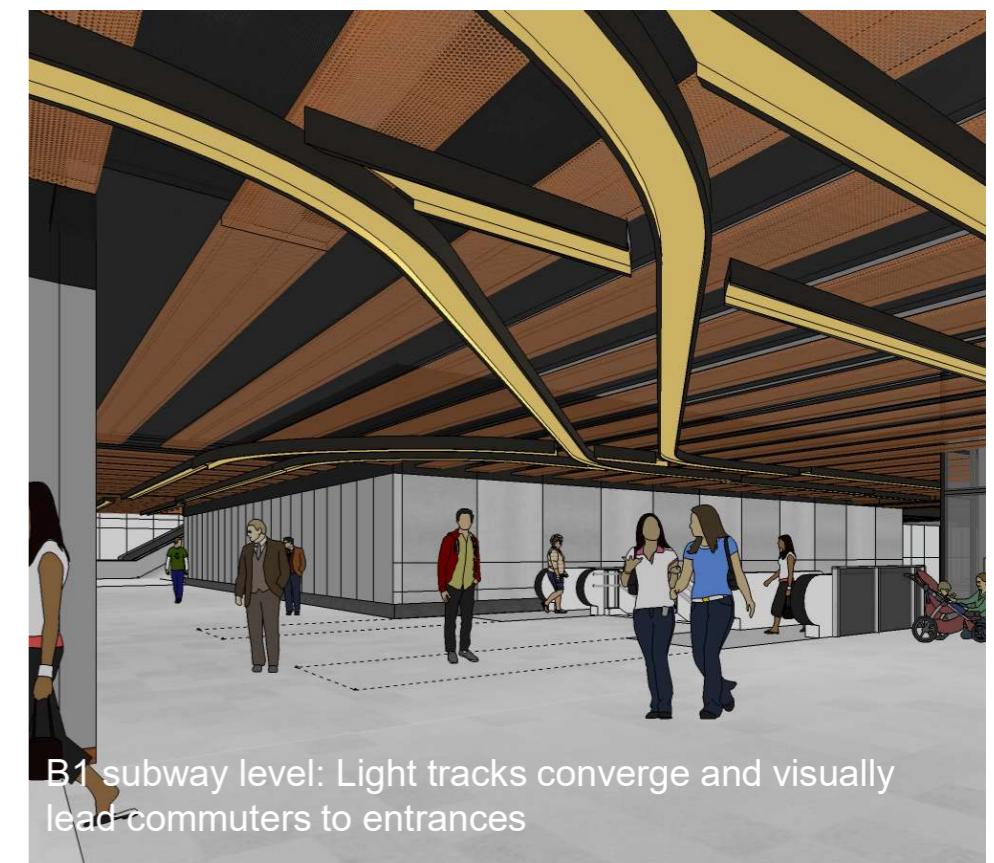


Rubber plantation

- Gallery wall to reflect the unique biodiversity and heritage of Clementi Forest and Old Jurong Line corridor.
- To be considered as a potential option for Art-in-Transit programme.

(Photos shown are for illustration only. Actual species to be featured are to be further discussed with the Authority and other relevant agencies)

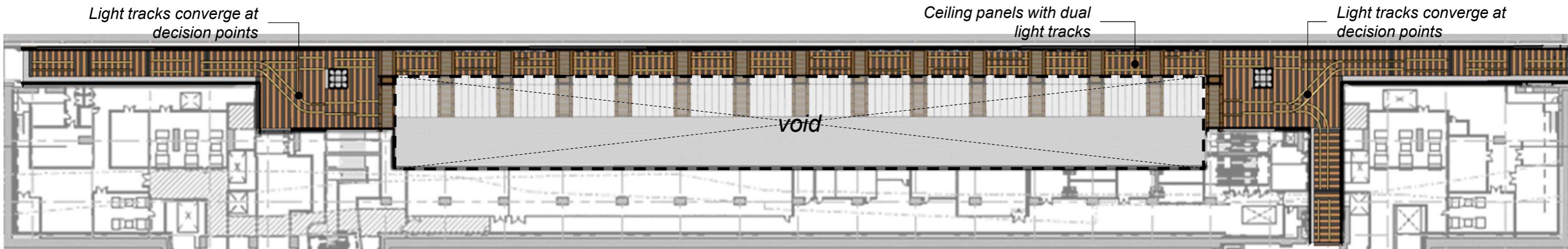
## 02 STATION INTERIOR | CEILING



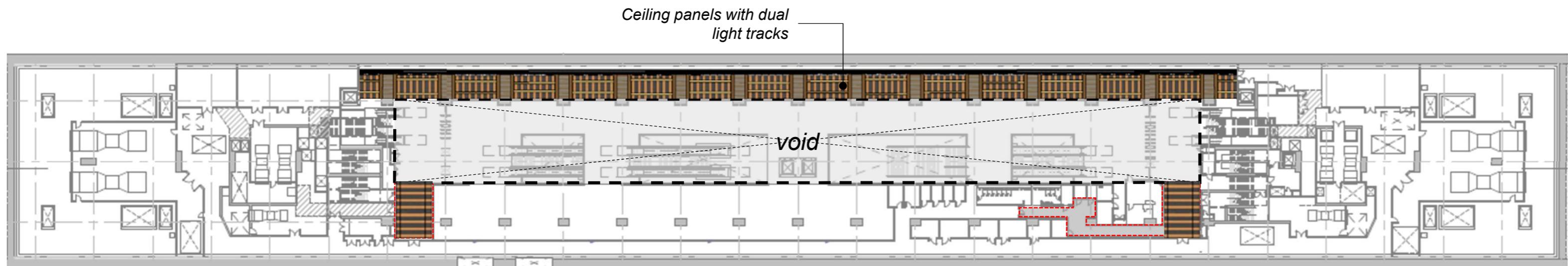
### REFLECTIONS OF OLD JURONG LINE

- Inspired by the Old Jurong Line, strip lights reminiscent of the railway tracks flow from the entrances to concourse, serving as a wayfinding element.
- Perforated ceiling panels with oxidised iron look-and-feel to relate back to the tracks and railway sleepers.

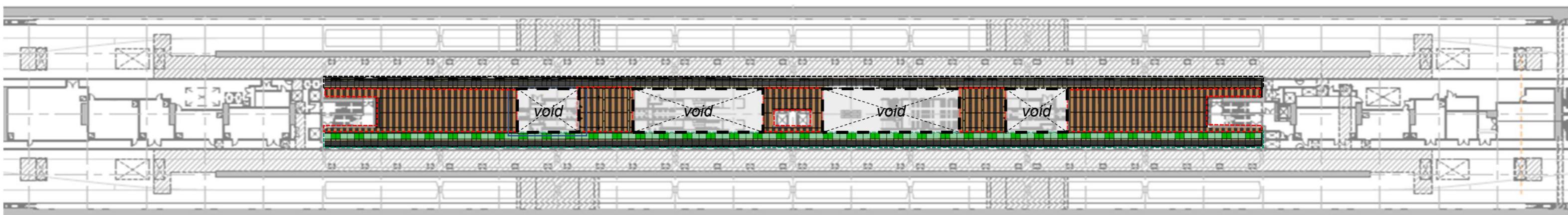
## 02 STATION INTERIOR | CEILING



**B1 Subway Level**  
(Reflected Ceiling Plan)



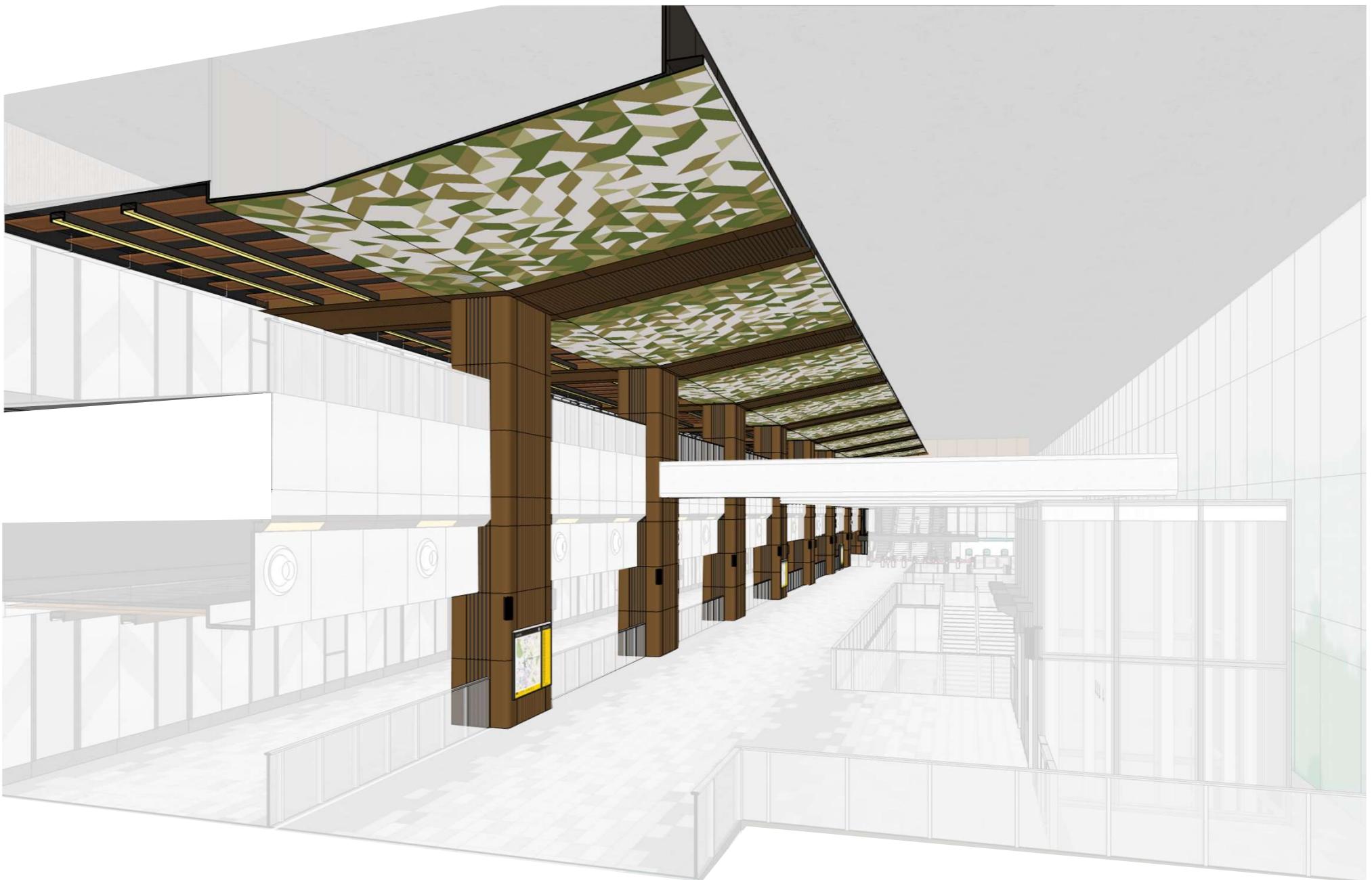
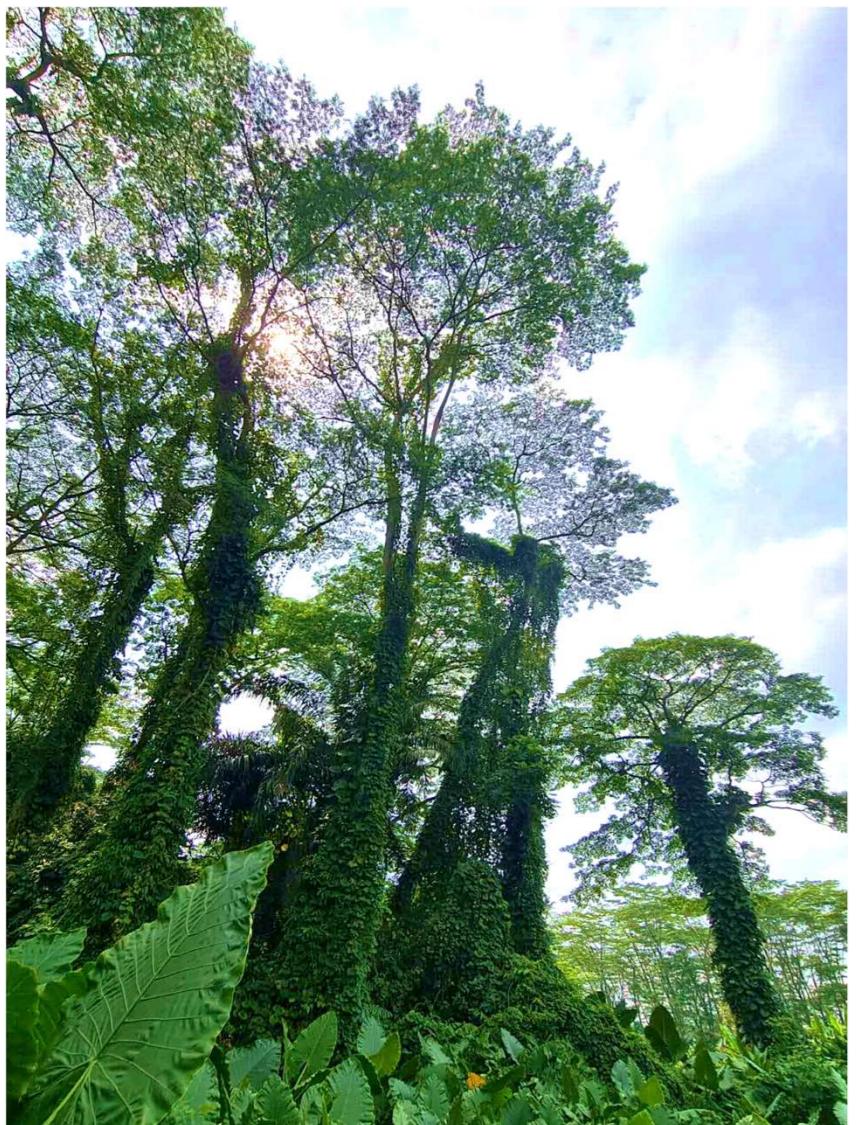
**B2 Concourse Level**  
(Reflected Ceiling Plan)



**B3 Platform Level**  
(Reflected Ceiling Plan)

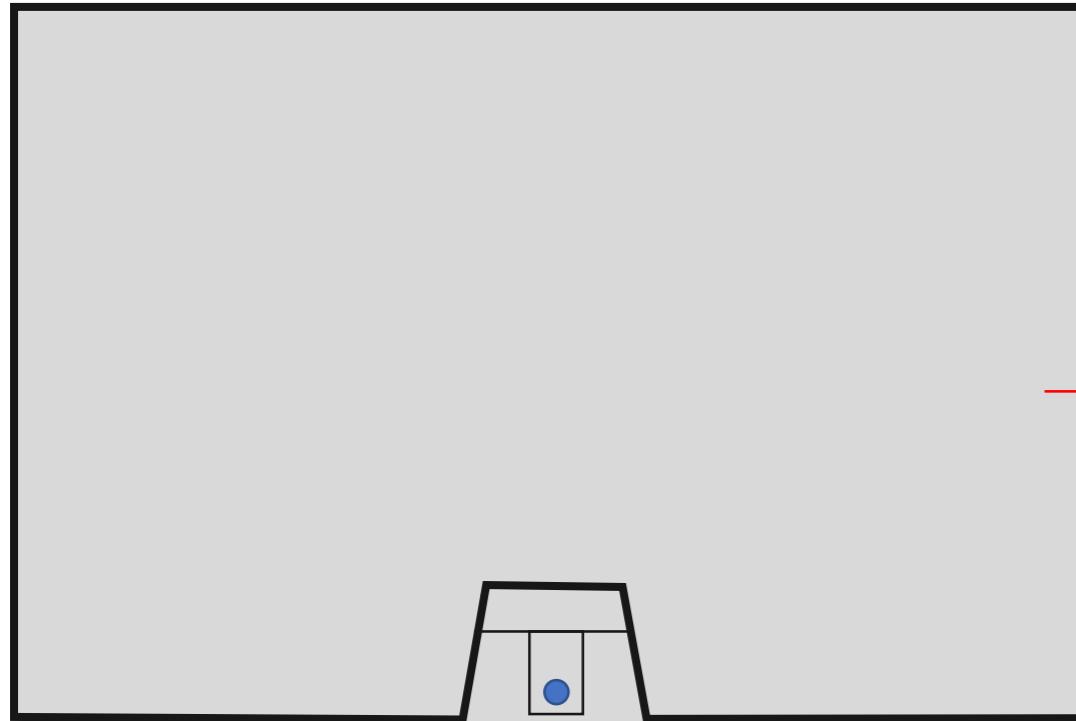
## 02 STATION INTERIOR | CEILING

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Columns and ceiling are designed to express the majesty of the forest canopy.

## 02 STATION INTERIOR | EXPOSED STRUCTURES WITH RECESSED PROFILE

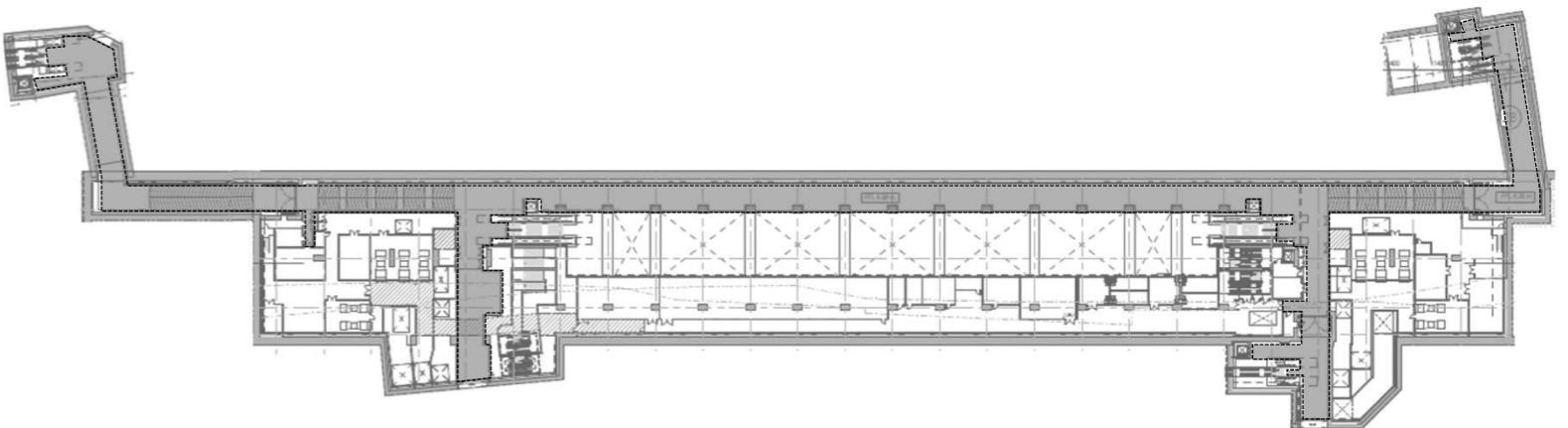


### Exposed structures with recessed profile

- The columns and struts in the public area are exposed and are to be designed with fair-faced concrete finish.
- A recessed profile shall be provided on the structure surface to allow for surface-mounted services and ceiling-mounted components/fixtures.

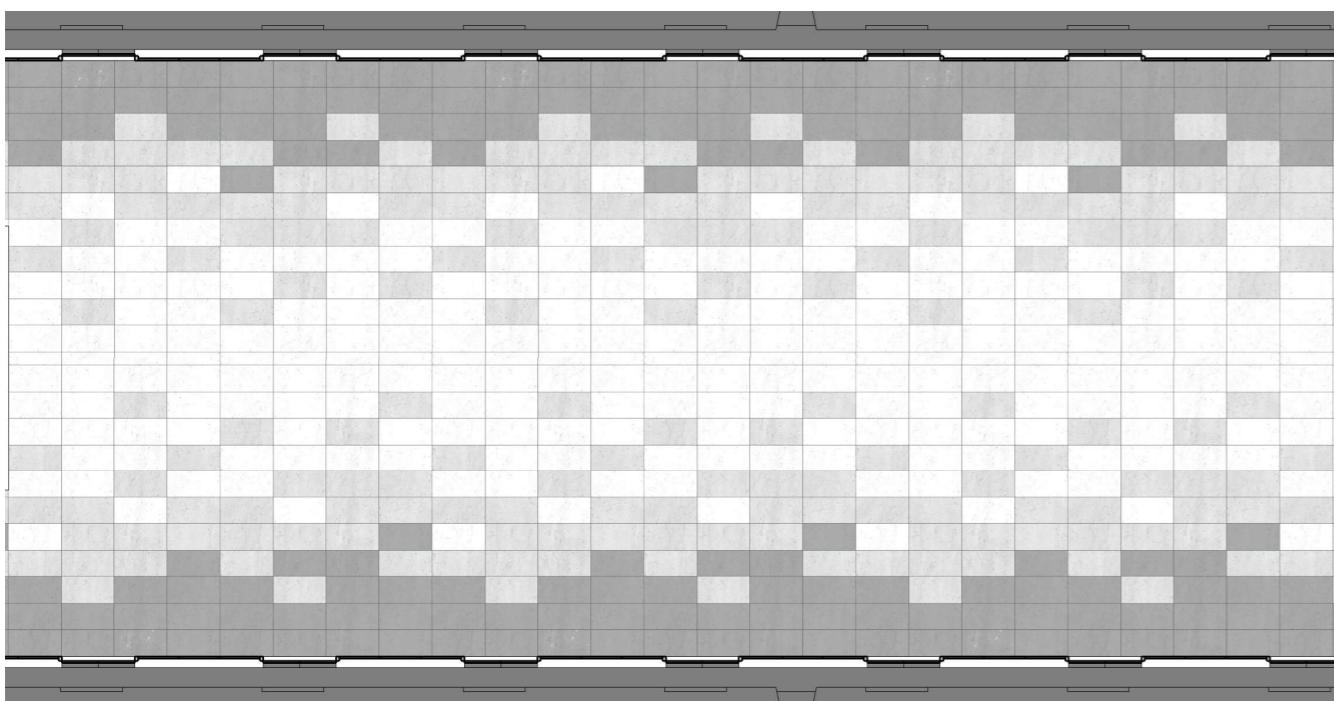
## 02 STATION INTERIOR | FLOOR

- Floor tiles with 3 tones of colour in a random pattern to give the impression of dappled light & shadows on the forest floor
- Darker tones denote waiting area closer to the Platform Screen Doors (PSDs), while lighter tones indicate circulation areas.

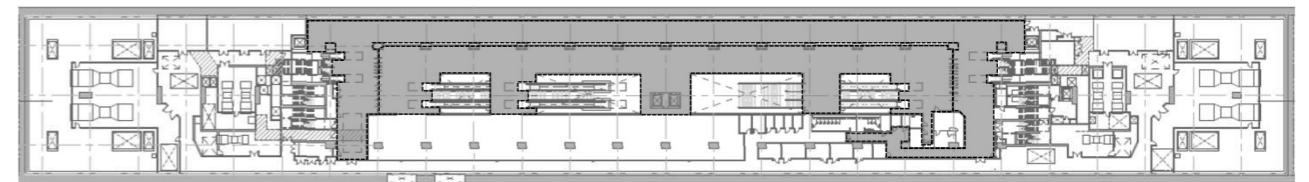


B1 Subway Level

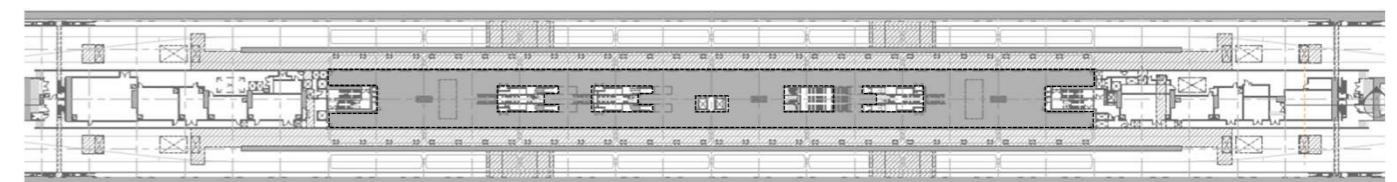
*Platform Screen Door*



*Platform Screen Door*



B2 Concourse Level



B3 Platform Level

## 03 CONSIDERATIONS

## 03 PLACE-MAKING | GREEN FORECOURT

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- Landscaping to be integrated into bicycle parking areas.
- The landscaped bicycle park area in front of Entrance 1 is to be designed as a green forecourt, which shall double as a focal point / meeting place for commuters.

## 03 MATERIALITY

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### Feature Wall

Shades of green to bring the natural surroundings into station interior



### Concourse ceiling

3-tones of foliage colours to resemble forest canopy



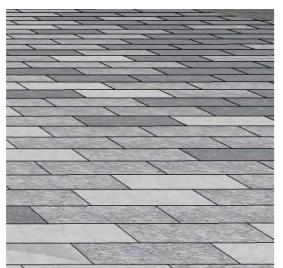
### Ceiling

Rust tone with dark grey accent reminiscent of the railway tracks



### Exposed Structures

Fair-faced concrete finish on struts and columns



### Floor

3 shades of grey to give the impression of dappled light on the forest floor

