

The lapis concept seamlessly integrates the human and traffic in a legible, safe, usable, comfortable and convenient environment. The sensitive treatment in the hierarchy of space and serial vision evokes a delightful journey as one traverses through the precinct.

# LAPIS

## Integrating Layers - Catering for an Inclusive Environment

### CARPARK PLANS

#### Vehicular Segregation

Seamless accessibility and connectivity at various layers negotiates the distinctive land form, providing the unique opportunity of linking infrastructure to the living environment. This holistically segregates pedestrians and vehicles, allowing both young and old to navigate and explore the precinct safely whilst vehicles traverse below. Drop-off porches with seating are located strategically across the various blocks. The carpark is effortlessly integrated within the residential blocks, resulting in greater connectivity throughout the precinct. This creates additional space at the roofs of the carparks. "Fully furnished" landscaped gardens with street furniture, meandering paths and timber trellises evoke the sensation of a garden-on-air, over and beyond ground greening.



#### Refuse & Services

Carparks and service roads serving the centralized refuse chamber are located below the landscape deck level, segregated from the pedestrian routes, enhancing safety and reducing pollution. Services rooms such as ESS, CSR are also neatly grouped and tucked away from sight in the double volume, 1st storey carpark podium.



#### Fire Engine Access

The vehicular driveway is kept to the perimeter with minimal disruption to the precinct for safety. This driveway together with the promenade is doubled up as service routes and fire engine access.



#### Green Arrival/Porosity

At the carpark level, the deliberate creation of large voids allows light to stream through, whilst facilitating natural ventilation. Planter beds and lush rainforest courtyards with grandiose trees soften the visual impact of the hardscapes. Along with the erasing of views towards the waterway, the carpark podium at the first storey also features double volume spaces which graduate the lighting level between the exterior and interior.



#### Lobby Spaces

The lift lobbies are designed with air-wells and planters leading to the respective units of individual blocks. The well-lit lift lobbies and lift cars allow for vertical connection to every floor within the integrated blocks and car park. All lifts are wheelchair and handicap friendly with grab bars and mirrors to assist in maneuvering. Signages and colour-coded lift lobbies are applied strategically enhancing the sense of direction, orientation and identification. Illuminated precinct name signs, block entrance markers, directional signs, block and car park signs guide the visitors and residents, by foot and by vehicle, to the respective blocks.



#### Pedestrian Accessibility

The development is designed for seamless connection for all users (visually impaired, partially deaf, wheel chair bound, elderly, children, handicapped or people with various mobility inconveniences) between blocks, drop-off porches, car parks, and the various amenities (commercial, social, functional and recreational), also links transport facilities and the adjacent developments. The car park is well integrated with the lift lobbies, the handicap lots are located next to the lift lobbies at each block, providing direct barrier-free access from basement to all the floors.



#### CARPARK PLAN (108.6)

Scale 1:1000  
0 5m 10m 20m 50m

##### Legend

- (A) Rainforest Courtyard with Bio-Filter pond
- (B) Allium Courtyard
- (C) Central Lookout deck / Drop-off porch
- (D) Trellis Drive
- (E) Lift Lobby
- (F) Rainforest Courtyard
- (G) Green

#### CARPARK PLAN (PL 103.5)

Scale 1:1000  
0 5m 10m 20m 50m

##### Legend

- (A) Rainforest Courtyard with Bio-Filter pond
- (B) Allium Courtyard
- (C) Eco-Attention Pond (inter-precinct open space)
- (D) Bio-swale
- (E) Lift Lobby
- (F) Common Green
- (G) Transformer room
- (H) Switch room
- (I) Trellis Drive
- (J) Rainforest Courtyard
- (K) Loading/Unloading Bay for Commercial



Rustic sense of arrival along Canopy Drive and vibrant commercial activity for residents' convenience



Sensory journey along Trellis Drive



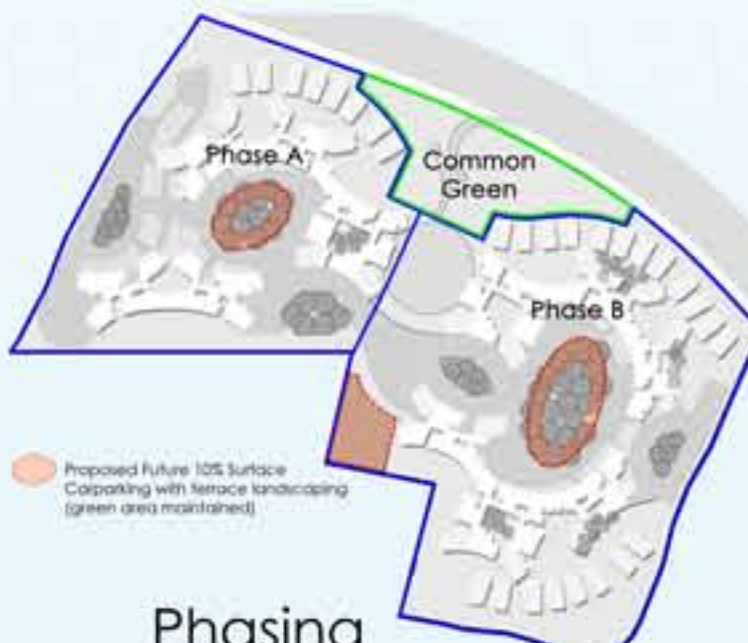
Convenient, legible, safe and comfortable car parking with ample natural light and ventilation for all users



A cooling and relaxing walk home in the cozy embrace of the lush courtyard



Keyplan Scale 1:4000



Phasing Scale 1:2000

