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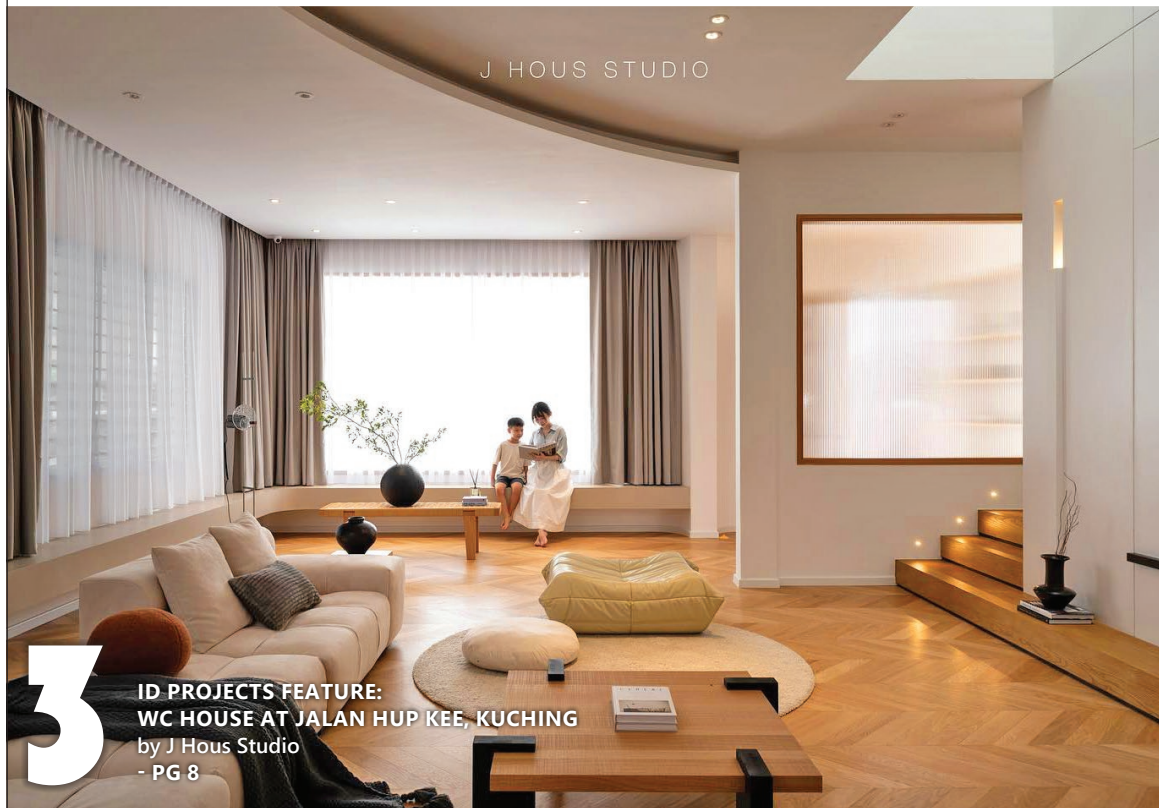


PROJECTS IN PROGRESS:
AVANTI
Landscape by Urbanscape Consultants Sdn. Bhd.
- PG 2



2 **PROJECTS IN PROGRESS:**
MEADOWS BUNGALOW
by SML Architects Sdn. Bhd.
- PG 6

North-west elevation. Deep Eaves, openable walls, screened balconies and walkways that protect and connect the dwellers to the elements.



3 **ID PROJECTS FEATURE:**
WC HOUSE AT JALAN HUP KEE, KUCHING
by J Hous Studio
- PG 8





AVANTI

Landscape by Urbanscape Consultants Sdn. Bhd.

As the building follows from ground-to-top, the materiality follows suit to be more tactile at the bottom and simplified at the top.

LANDSCAPE ARCHITECT'S STATEMENT

Avanti is located on a beautiful site surrounded by a relatively mature residential neighbourhood with immediate proximity from the Kuching International Airport and Kuching City Centre. Being a central location, 10 minutes away from the airport and 15 minutes away from the city centre, it warrants a development that gives a sense of presence and character adding value to the existing neighbourhood.

The vertical living in urban has been the current construction scenario over time in relation to financial feasibility and authority restriction. Hence, it has created a monotonous space planning with limited spaces for green spaces and relationship of human nature.

In Avanti, we maximising every corner includes drain, entry point, fencing, pocket greens, connecting path, kerb, planter wall, vertical and horizontal space to create a new definition "NEW URBAN FOREST" that promote connectivity between human and environment as part of the ecosystem and improving health and well-being by injecting elements of green and function to the space allocated.

The biophilic concept in incorporating elements of nature and natural systems into the design and planning of buildings, particularly in urban environments of Avanti. Biophilia is the innate human affinity for nature, and integrating biophilic principles into landscape planning for high-rise developments helps create healthier, more sustainable, and aesthetically pleasing urban environments.

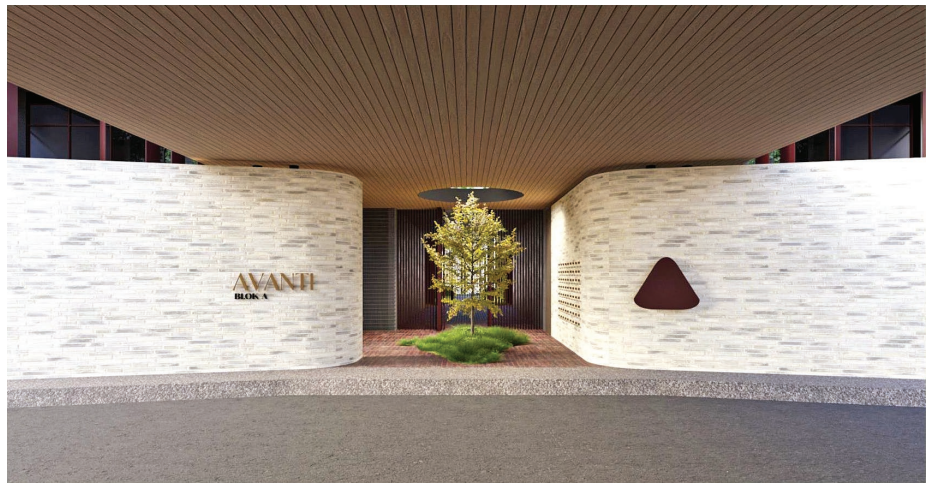


THE TOWNHOUSE - The Townhouse brings context to the Avanti ground-plane and also builds the neighbourhood character of the precinct. The residential rhythm provided to the ground-plane allows residents to experience a truly "taman" environment within their gated community.

Client	: Elica Sdn. Bhd.
Main Builder	: Hydroicon Sdn. Bhd.
Concept Designer	: Neuman Studio
Architect	: Arkitek KDI Sdn. Bhd.
C&S Engineer	: Jurutera Minsar Consult Sdn. Bhd.
M&E Engineer	: Jurutera JSW Sdn. Bhd.
Landscape Architect	: Urbanscape Consultants Sdn. Bhd.

Here are some key aspects of the biophilic concept in Avanti's landscape planning:

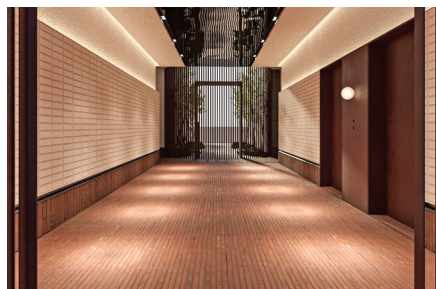
- **Green spaces and vegetation:** Incorporating abundant greenery, such as vertical gardens, and terraces, helps bring nature into the urban setting includes borrowed landscape from the surrounding. These spaces can be designed to include a variety of plant species, trees, shrubs, and even water element to create a more natural and relaxing environment.
- **Food Forests:** Create food forests within the development, where a variety of fruit trees, shrubs, and edible plants are planted. Incorporate a diverse range of plants that provide food throughout the year, such as berries, nuts, perennial vegetables, and herbs. These food forests can serve as gathering spaces and provide a sustainable source of fresh produce for the community.
- **Permeable Surfaces:** Utilize permeable surfaces in walkways, driveways, and parking areas to promote water infiltration and reduce stormwater runoff. Permeable pavers, gravel, or grasscrete can be used to allow rainwater to seep into the ground, replenishing groundwater and reducing the strain on stormwater management infrastructure.
- **Native Plantings and Biodiversity:** Incorporate native plant species into the landscaping design to support local biodiversity and reduce the need for excessive maintenance and irrigation. Native plants are adapted to the local climate, require less water, and provide habitat for native wildlife.
- **Community Green Spaces:** Designate communal green spaces, such as parks or plazas, for residents to gather, socialize, and connect with nature. These areas can include walking trails, seating areas, and recreational facilities, encouraging outdoor activities and fostering a sense of community.
- **Educational Opportunities:** Integrate educational opportunities into the landscape design, such as interpretive signs, demonstration gardens, or community workshops. This encourages residents to learn about sustainable practices, permaculture principles, and the importance of ecological stewardship.
- **Natural lighting and views:** Maximizing access to natural light and views of the outdoors is crucial in biophilic design. Large windows, skylights, and light wells can be incorporated into high-rise buildings to allow for ample daylight penetration and views of greenery or natural landscapes.
- **Biomorphic forms and patterns:** Including organic shapes, curves, and patterns in the architectural design and landscape planning can evoke a sense of nature and mimic natural elements. For example, incorporating winding pathways, sky canopy walk at natural forest play area, or sculpted planter to create a more biophilic ambiance.



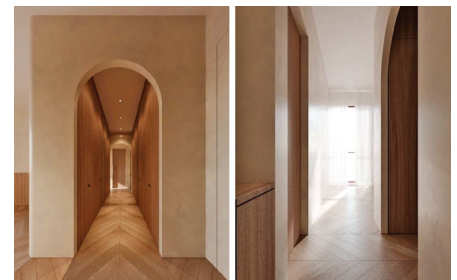
Entry greeted by a grand oculus skylight beaming natural light into a soft landscape feature central to it. The curve brick wall acts as a wing gesture to provide an inviting flow into the entry point.



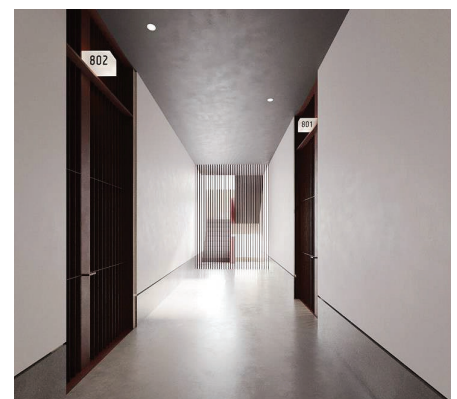
CRISP DETAILS, MINIMALIST EDGE - Sheer walls and exposed staircases are often overlooked in developments. We aimed to develop a simple facade proposal while maintaining high-quality design outcomes to this part of the building.



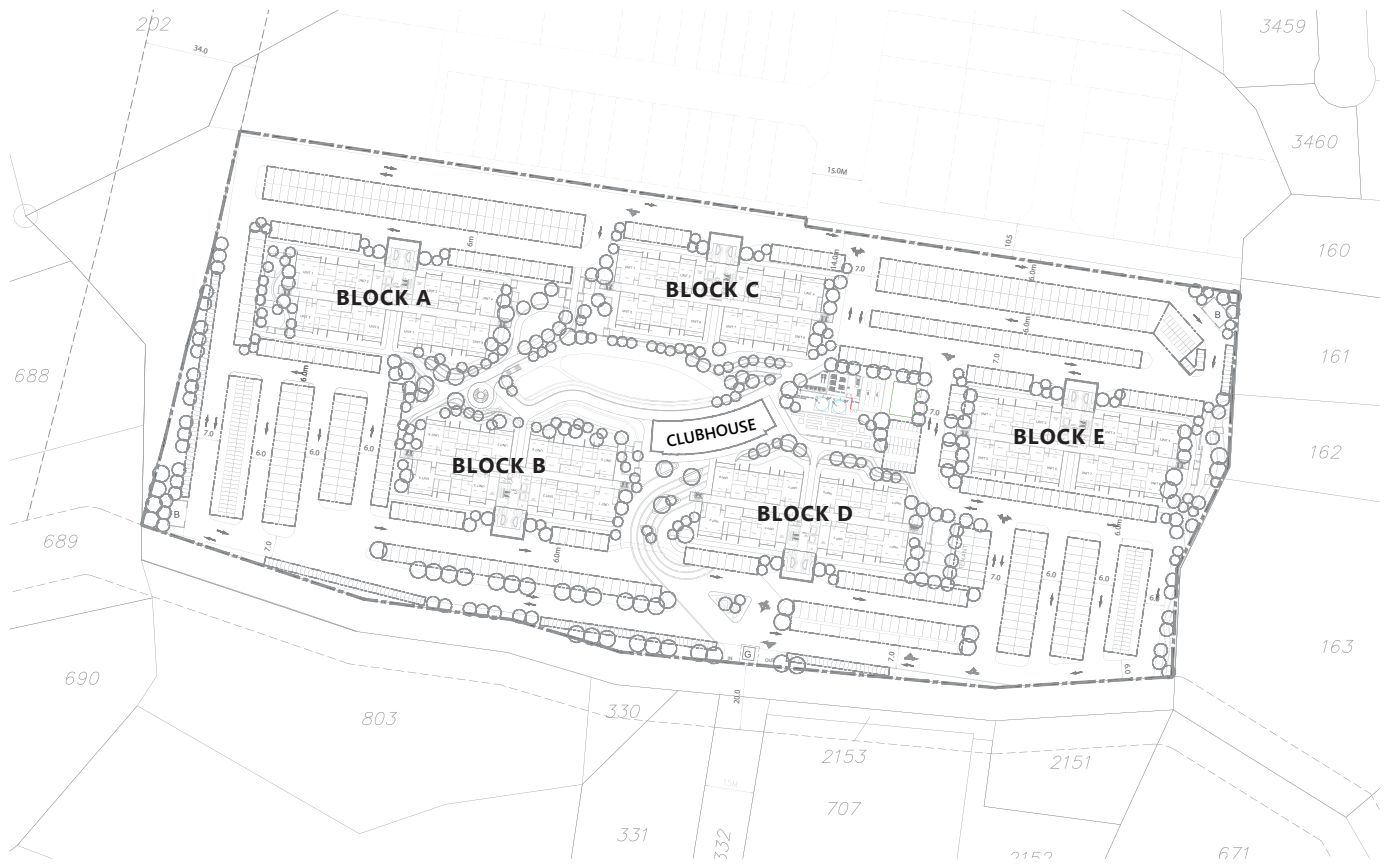
GROUND LEVEL LOBBY - The striking thin and elongated red brick pavers profile provide a rusticated, robust and classic look to the ground plane.



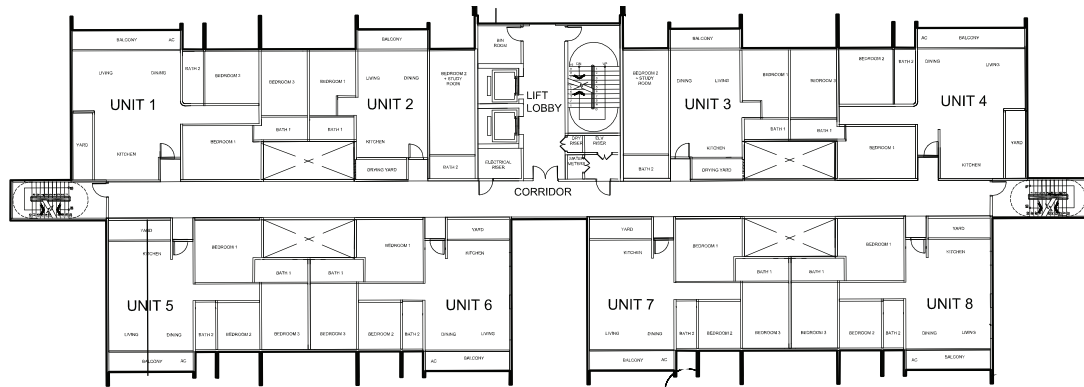
The ground-level corridors should maintain similar materiality as the ground lift lobbies to provide a continuation of the "street" experience.



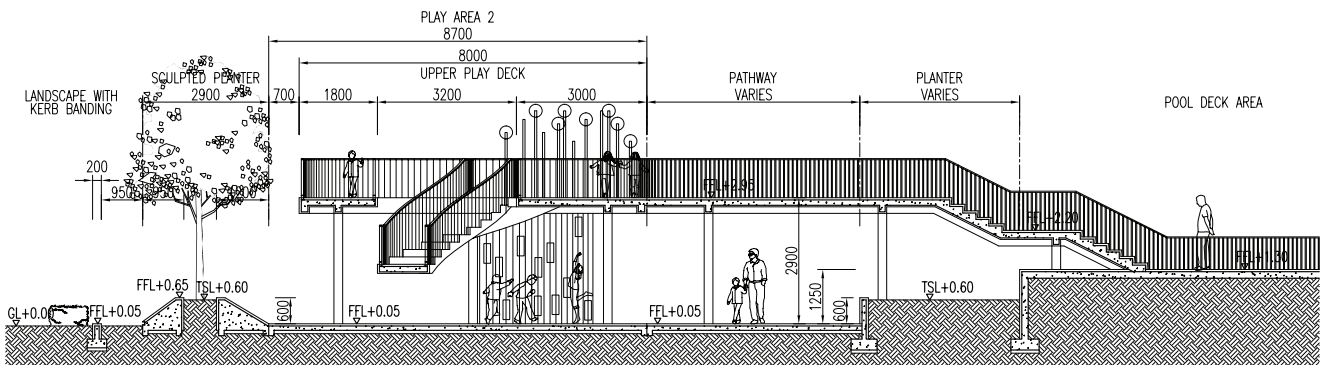
The floorplate divides 4-units on each side with the core at its central point to allow a more intimate neighbourly environment.



LAYOUT PLAN



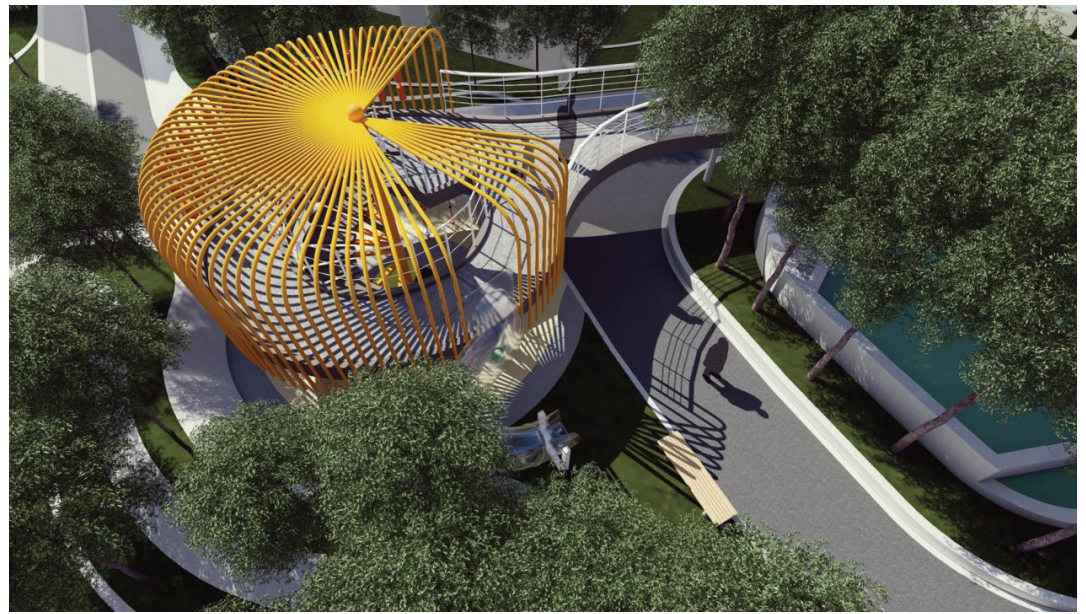
LAYOUT PLAN BLOCK A



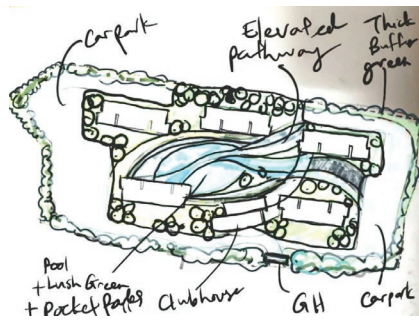
SECTION B - B

- **Water features:** Integrating water elements, pool with cascades, into the landscape design can have a calming effect and evoke a connection to natural environments. These features can also help mitigate noise and provide visual interest.

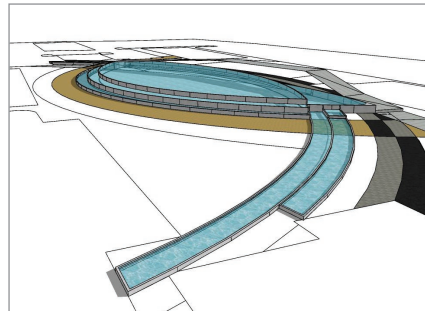
- **Natural materials:** Using natural and sustainable materials, such as wood, stone, or recycle concrete, in the construction of high-rise developments can enhance the biophilic experience. These materials can be incorporated in both the exterior and interior design, promoting a sense of connection with the natural world.



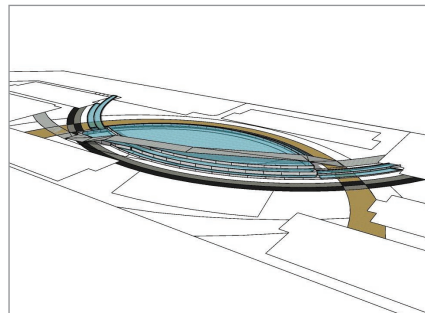
- **Wildlife habitat creation:** Designing high-rise landscapes to support biodiversity and wildlife as essential aspect of biophilic planning. Incorporating bird-friendly design elements, butterfly gardens, or providing nesting spaces for other urban wildlife can contribute to the overall ecological balance.



- **Sensory experiences:** Creating opportunities for sensory engagement with nature is crucial in biophilic design. This can include incorporating features such as aromatic plants, wind chimes, or water sounds to stimulate the senses and provide a more immersive experience.



- **Sense of belonging:** External spaces ownership by the community, ie urban farming plot can be part of it, paving/tiles pattern with names of the owners to be embedded.

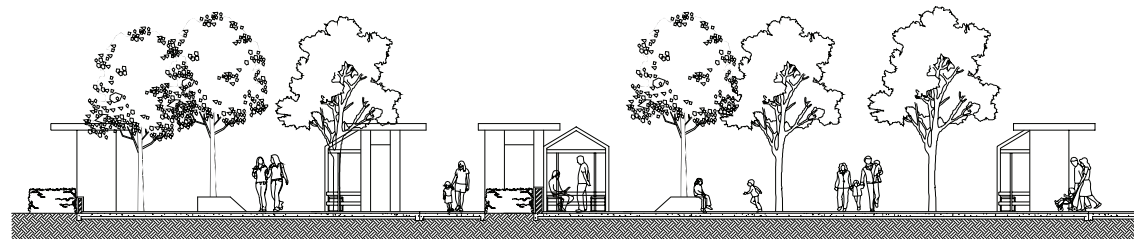


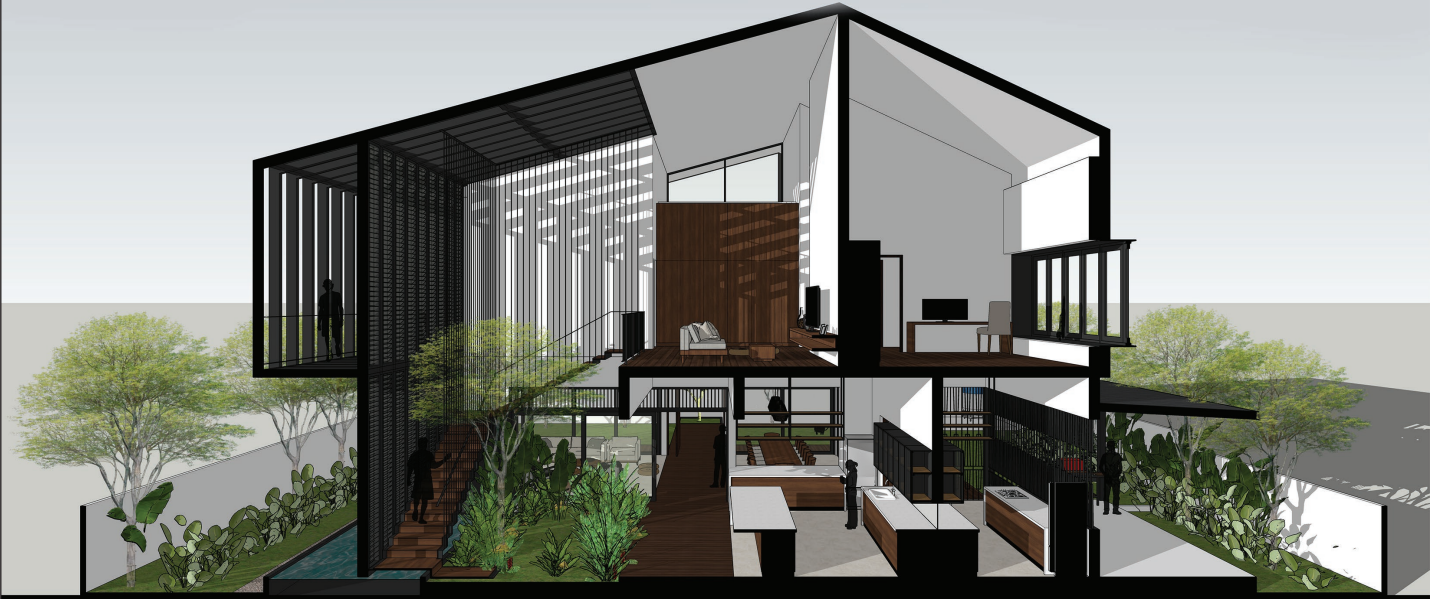
Overall, integrating the biophilic concept into high-rise landscape planning aims to enhance the well-being and quality of life for urban residents, mitigate the adverse effects of urbanization, and foster a stronger connection to nature in the midst of urban environments.

Initial schematic sketch to form spaces, lines and connectivity – Design Development.

By implementing these concepts, a low-density development can become a vibrant and sustainable community, where residents can enjoy the benefits of nature, grow their own food, and contribute to a healthier environment.

END





Sectional perspective through the centre of the house. The courtyard at the heart of the building draws in natural light, breezes and opens the house to the outside.

MEADOWS BUNGALOW

by SML Architects Sdn. Bhd.

ARCHITECT'S STATEMENT

DESIRES

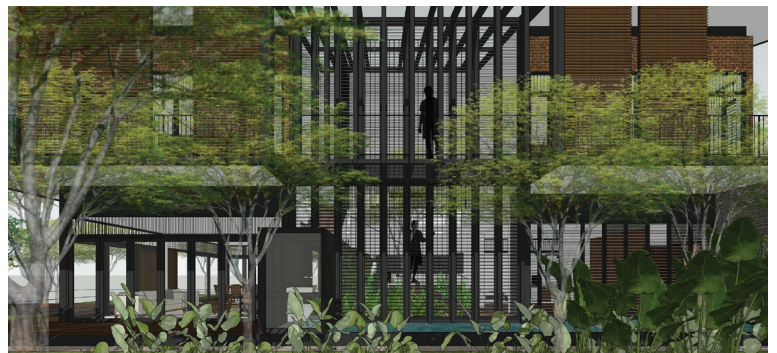
Home to our client and his family have always been in an apartment. Growing up in a box in the sky, never really being able to experience and enjoy a garden of their own; Disconnected with the natural environment. Our client expressed a desire for his children to experience having a home where they could safely go out, enjoy water, pets, plants, natural light and air. His wife, an amazing cook and baker, also wanted a space where she could enjoy cooking with her children while looking at greenery.

Personally, as I was growing up, my happiest memories were when I was outside, playing with ants, mud, catching fish and walking bare footed on grass, soil and stone. I cannot imagine living in a place where I would be confined within enclosed spaces, never being able to step out-side and be amongst nature. It would be unnatural.

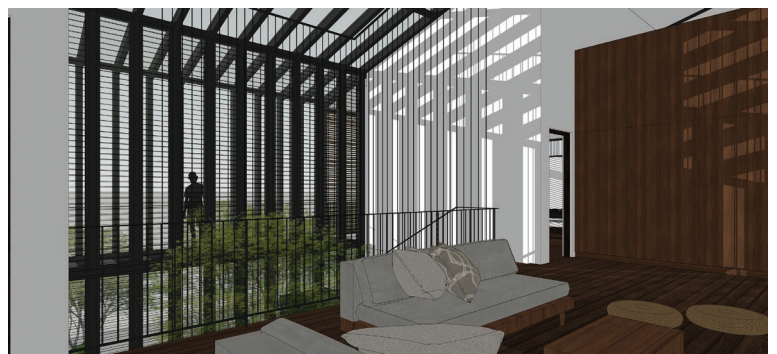
Our intention was therefore clear when we started creating their new home. We wanted to show them how wonderful it would be to be able dwell in a home that seamlessly encourages its people to connect and embrace the elements and landscape. The client, while agreeing with these ideals, still wished for many of the practicalities of apartment living which they had been accustomed to; NO mosquitoes (top of the list), possibility of air-conditioned spaces, safety and minimal maintenance amongst many others. The design process was a balancing act of putting all these ideals and needs together, composing spaces that would satisfy everyone's requirements.



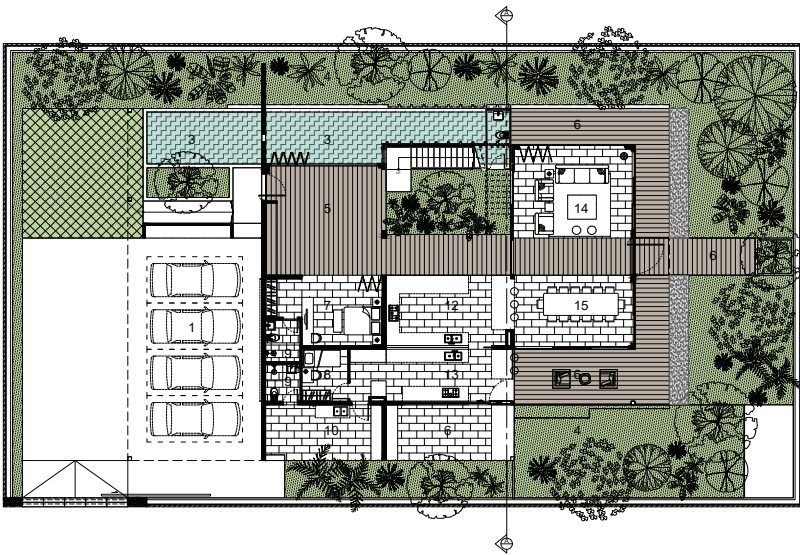
Front approach to the house.



Openness and connection with nature and water.



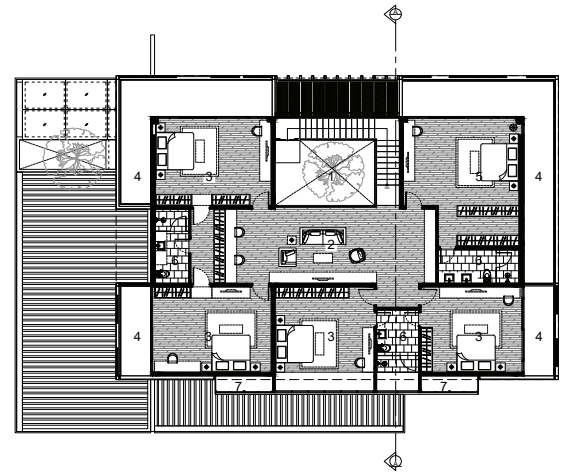
The airy family area on first floor for the family to connect and relax.



GROUND FLOOR PLAN

LEGEND

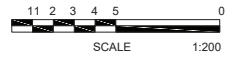
- | | |
|----------------|-----------------|
| 1. CAR PORCH | 10. LAUNDRY |
| 2. PLANTER | 11. COURTYARD |
| 3. TERRACE | 12. DRY KITCHEN |
| 4. LAWN | 13. WET KITCHEN |
| 5. FOYER | 14. LIVING |
| 6. TERRACE | 15. DINING |
| 7. GUEST ROOM | |
| 8. MAID'S ROOM | |
| 9. WC | |



FIRST FLOOR PLAN

LEGEND

- | |
|------------------------|
| 1. VOID OVER COURTYARD |
| 2. FAMILY |
| 3. BEDROOM |
| 4. BALCONY |
| 5. MASTER BEDROOM |
| 6. WC |
| 7. AC LEDGE |



MEETING DESIRES

The Meadows Bungalow, like all the houses we do, is designed closely with the client. We believe that an architect's role when designing homes should never be one that imposes one's own ideals and beliefs. The role is to listen and understand, to empathize, to not judge, to be open to ideas. We are creating someone's home, not ours, a place that nurtures and a backdrop or environment where meaningful memories form. After understanding the client's desires, we translate these to physical spaces that offer the desired experiences and more.

The house is two-storey, set at the end of a residential cul-de-sac. Surrounded all sides by neighbours, it is designed to be private from the outside and yet open from the inside. The spaces on ground floor are open planned, flowing into one other as much as possible, physically and visually. The client wished to be able to see other spaces and inter-act with one another between different areas.

One is received at a large naturally ventilated foyer deck, which then transforms into a central gallery that flows through the house, eventually leading out into the garden. Family areas like the living, dining and kitchen seamlessly share this common gallery. Water elements and covered timber terraces are also introduced as transitional spaces around the building, cooling down the living areas behind them and encouraging connection with the gardens.

At the heart of the house lies a covered central green courtyard with a feature staircase that leads to the more private spaces above. The upper-level hosts bedrooms for the family members with a shared family room overlooking the courtyard below. This is intended to draw in natural light and cool breezes throughout the house. Similarly, to the ground floor, all bedrooms have their own external transitional areas that shade and connect the family members to the outside.



Sub-structure works in progress.

The form of the house was derived from the client's desire for privacy and low maintenance. As such, we decided to wrap the upper level with zincalume metal sheet, forming both roofing and wall. Inter-twined with screens, this composition provides the desired enclosure for the more private areas of the building. In contrast, the ground floor is noticeably more open, composed mostly of glazing and screens. This reflects the family's desire for open living and connection with the natural environment.

REALITY

Turning dreams into reality, construction of Meadows Bungalow has recently begun on-site. We hope to share our experience again once the house progresses to its final state.

END

Client	: Leonard & Priscilla
Main Builder	: Syarikat Kah Seng Construction Sdn. Bhd.
Architect	: SML Architects Sdn. Bhd.
C&S Engineer	: Perunding KSL



WC HOUSE AT JALAN HUP KEE, KUCHING

by J Hous Studio

DESIGN STATEMENT

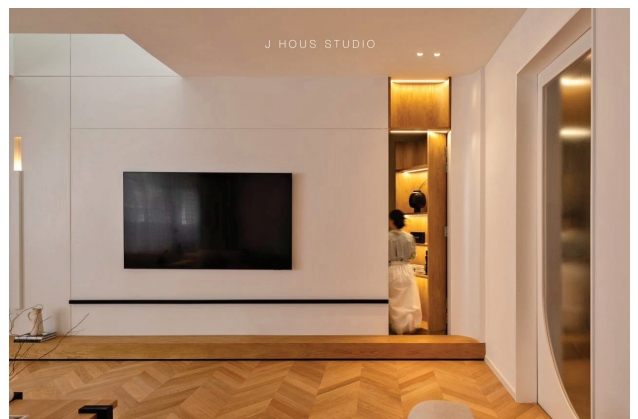
The design intent for the double storey semi-detached house at Jalan Hup Kee, Kuching is to create a harmonious fusion of Japanese and Scandinavian aesthetics, known as Japandi design. The house will exude a sense of simplicity, tranquility, and understated elegance, while incorporating natural elements and minimalist principles.

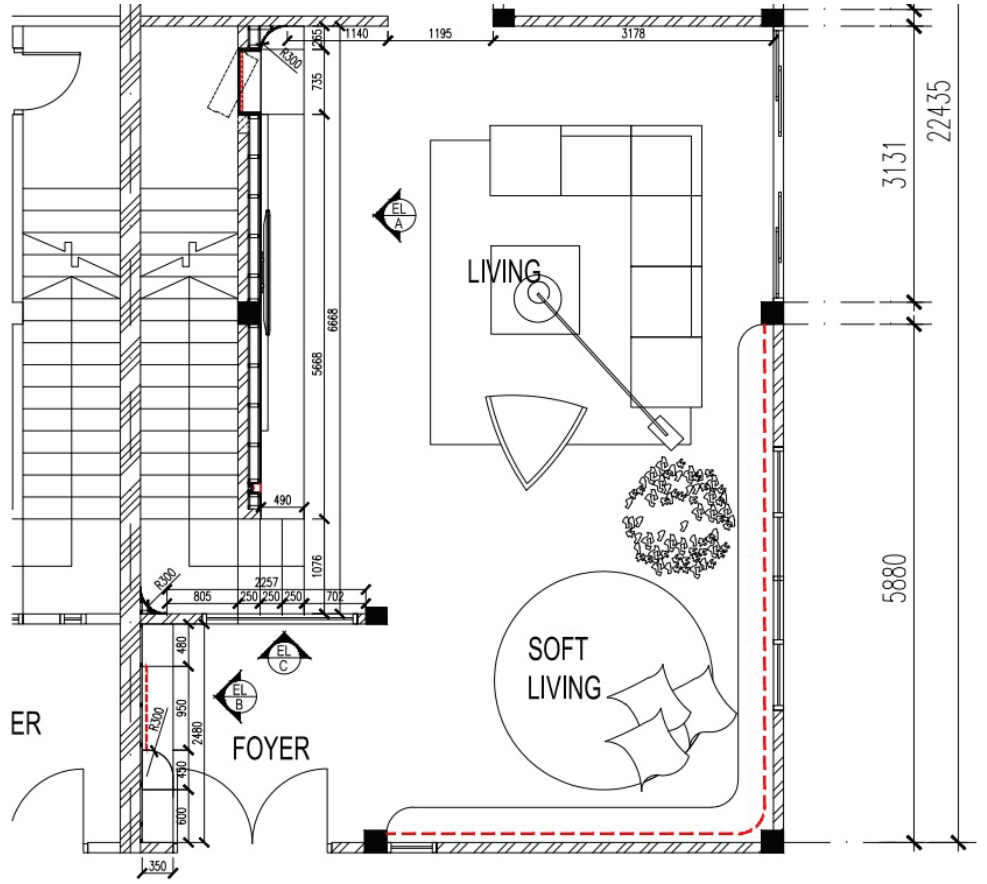
The primary objective is to seamlessly blend the timeless elegance of Japanese design with the functional minimalism of Scandinavian style, resulting in a space that balances tradition and modernity. The design will emphasize clean lines, neutral color palettes, and a strong connection with nature, creating a serene and welcoming environment for the residents.

The Japandi-inspired house will prioritize natural light, employing large windows and open floor plans to maximize the inflow of daylight. Thoughtful spatial planning is employed to optimize functionality and create a sense of flow between the living areas.

This home offers a harmonious balance of tradition and modernity while embracing nature and sustainability.

Location	: Jalan Hup Kee, Kuching
Principal Use	: Residence
Interior Designer	: J HOUS STUDIO
Project Principal	: Joyce Wong
Construction	: W&T Builder
Decoration	: Living Objects
Design Period	: 1 month
Construction Period	: 3 months





FLOOR PLAN



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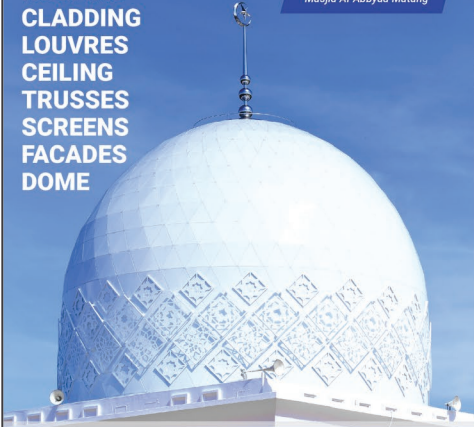


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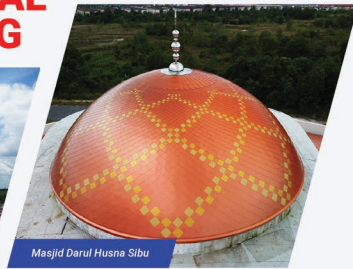
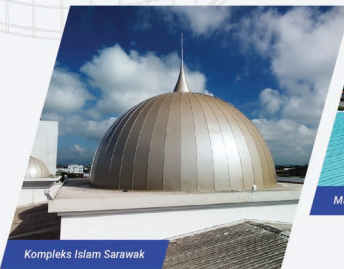


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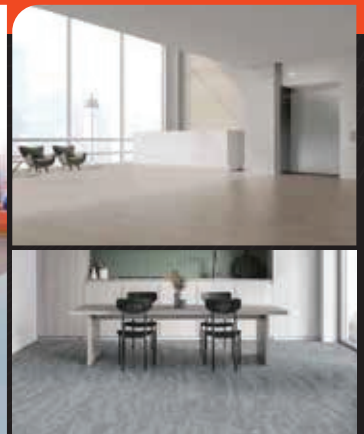
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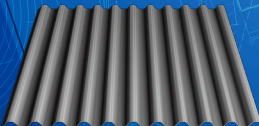
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