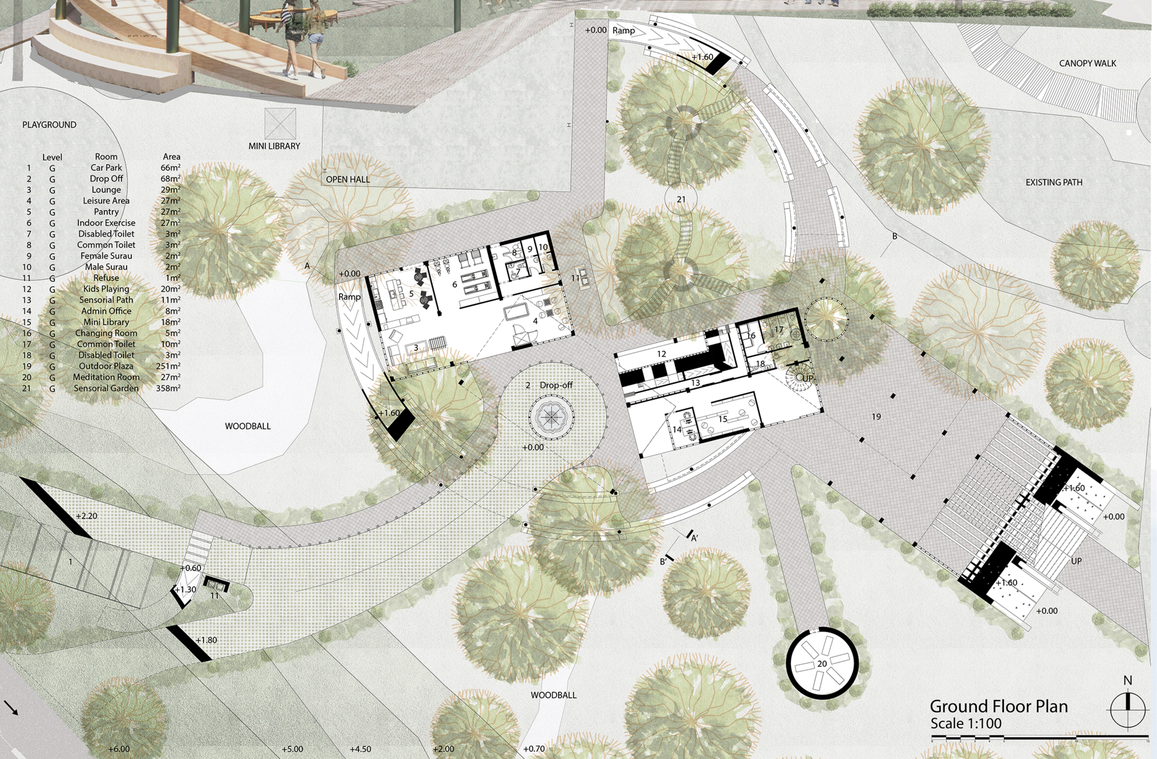
THE KIN GROVE

Roots & Wings in the Park

In a world where time often separates generations, this building offers a new rhythm — one where children and grandparents grow together under the canopy of trees.
Rather than dropping children off at a traditional tadika (kindergarten), families are invited to a space in the heart of the park
— a living structure where learning and leisure intertwine.
Here, grandparents don't just wait; they belong. While their grandchildren explore, play, and learn within the safe, stimulating
indoor and outdoor environments, the elderly are given spaces of calm reflection, social engagement, and active recreation.
The waffle ceiling above speaks of thoughtful structure — just like the invisible support grandparents offer.
The grid ramp gently ascends to a rooftop garden, where generations plant, nurture, and harvest life together.
Nature becomes the backdrop to bonding; trees pierce through the roof grid,
allowing light and air to dance between the past and the future.
It is a shared memory in the making — a day in the park that becomes a tradition, a home that fosters both roots and wings.

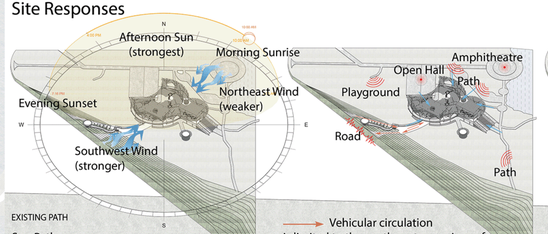


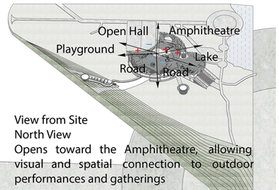
	Level	Room	Area
1	G	Car Park	66m²
2	G	Drop Off	68m²
3	G	Lounge	29m²
4	G	Leisure Area	27m²
5	G	Pantry	27m²
6	G	Indoor Exercise	27m²
7	G	Disabled Toilet	3m²
8	G	Common Toilet	3m²
9	G	Female Surau	2m²
10	G	Male Surau	2m²
11	G	Refuse	1m²
12	G	Kids Playing	20m²
13	G	Sensorial Path	11m²
14	G	Admin Office	5m²
15	G	Mini Library	18m²
16	G	Changing Room	5m²
17	G	Common Toilet	10m²
18	G	Disabled Toilet	3m²
19	G	Outdoor Plaza	251m²
20	G	Meditation Room	27m²
21	G	Sensorial Garden	358m²

Ground Floor Plan
Scale 1:100

Site Plan
Scale 1:500

Site Responses





Sun Path
The building captures morning sunlight from the east to brighten activity spaces, nwhile the west-facingn roof and nfaçade offern filtered light and framed sunset view

Wind Path
Positioned to harness southwest winds, the design promotes natural cross ventilation through open ramps and central voids
Shaded undercrofts and openings enhance airflow, ensuring thermal comfort for users

Vehicular circulation
is limited to the southwest, ensuring safe access without interfering with pedestrian flow
Pedestrian paths
are well-connected across the site, linking key zones like the open hall and existing path for seamless movement

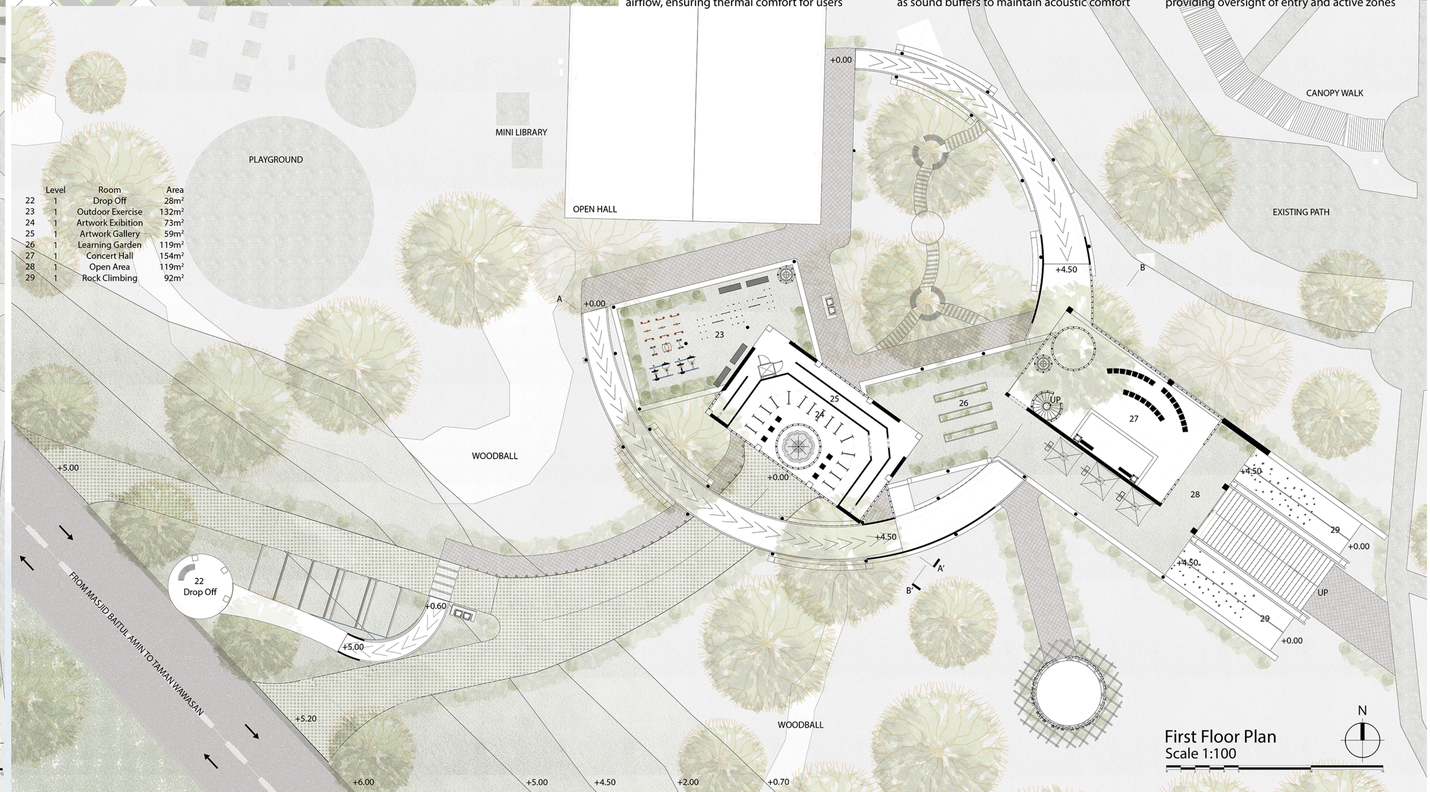
Noise
The building is strategically placed away from the road and noisy zones like the playground and amphitheatre, with landscape contours act as sound buffers to maintain acoustic comfort

View from Site
North View
Opens toward the Amphitheatre, allowing visual and spatial connection to outdoor performances and gatherings

East View
Faces the Lake, offering a calming, scenic outlook that enhances environmental quality

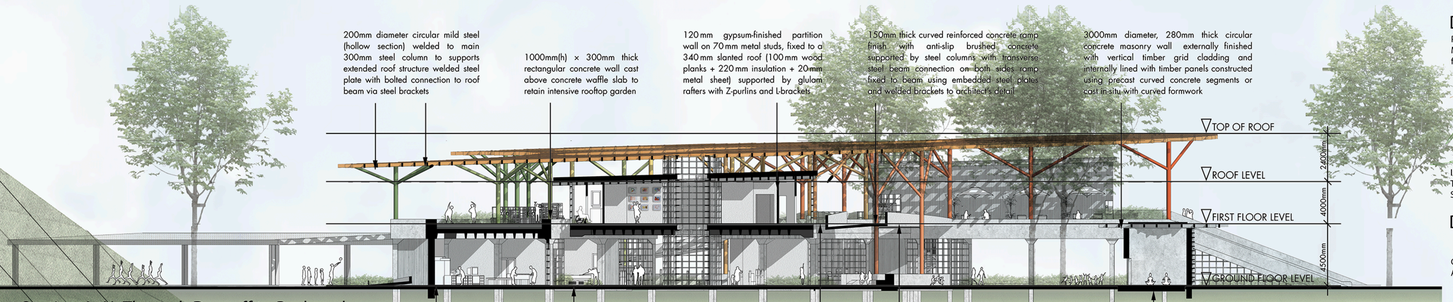
South View:
Minimizes exposure to the road, reducing visual and acoustic disturbance

West View
Oriented toward the Playground and Road, providing oversight of entry and active zones



	Level	Room	Area
22	1	Drop Off	28m²
23	1	Outdoor Exercise	132m²
24	1	Artwork Exibition	73m²
25	1	Artwork Gallery	59m²
26	1	Learning Garden	119m²
27	1	Concert Hall	154m²
28	1	Open Area	119m²
29	1	Rock Climbing	92m²

First Floor Plan
Scale 1:100



Section A-A': Through Dropoff to Backyard

Scale 1:100

300mm thick concrete wall with timber finishes connects to 1000mm high retaining wall from waffle slab to support rooftop garden

275mm thick reinforced concrete strip (curved), cast in-situ and anchored to 300mm steel column base with chemical anchor bolts and base plate, reinforced with curved longitudinal and transverse bars

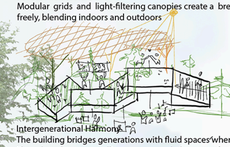
25mm × 25mm × 150mm solid hardwood railing fixed atop concrete ramp using wood dowels, concealed stainless steel screws, and half-lap joints, finished naturally to architect's detail

106mm (bf), 203.2mm (d), 25.4mm (k), 10.8 mm (tf), 11.2mm (tf) steel I-beam bolted to steel columns with bracket plat to support concrete ramp

600mm (w) × 500mm deep, cast in-situ circular reinforced concrete ring beam foundation, with radial rebar anchorage and vertical starter bars tying into the wall core

Design Concept

Porous Architecture
Modular grids and light-filtering canopies create a breathable structure where air, light, and views flow freely, blending indoors and outdoors

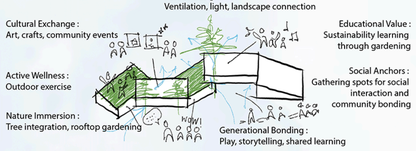


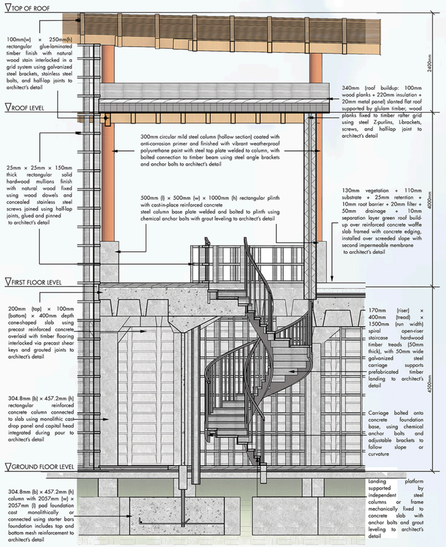
Nature Integration
Architecture and landscape intertwine
Trees pierce the grid roof, while rooftop garden reconnect users with the rhythms of growth

Contrast as a Frame
The rigid form contrasts the park's organic landscape, framing and amplifying its beauty while inviting nature to penetrate and define the structure

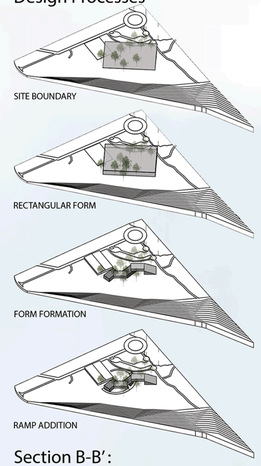
Intergenerational Harmony :
The building bridges generations with fluid spaces'where children and seniors connect
Shared gardens, storytelling corners, and play zones foster natural interaction and shared memories

Design Intention



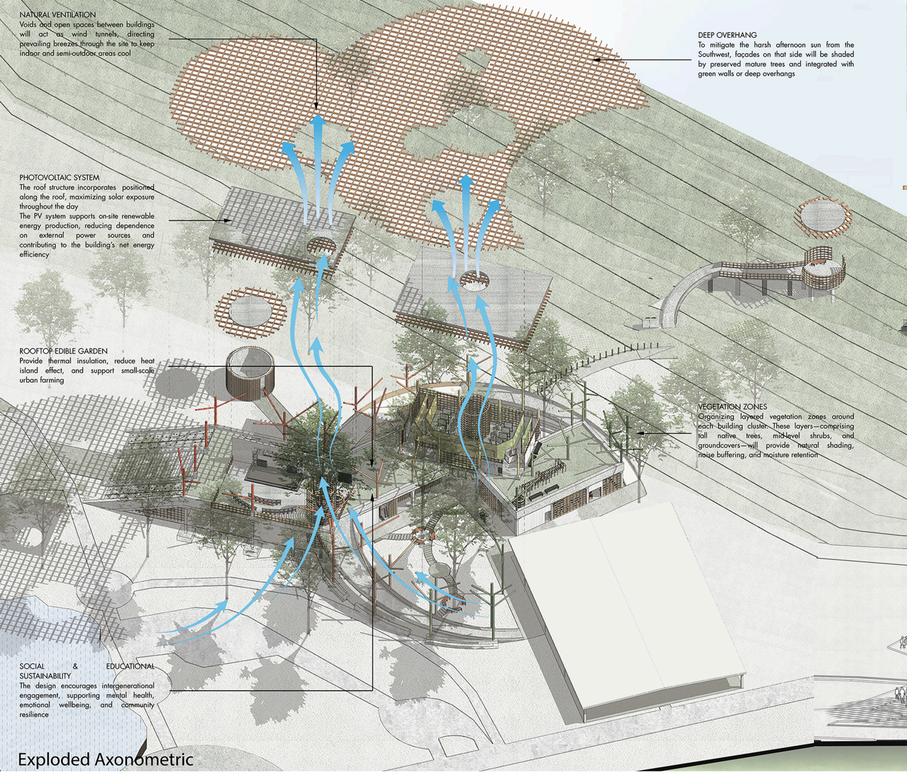


Design Processes

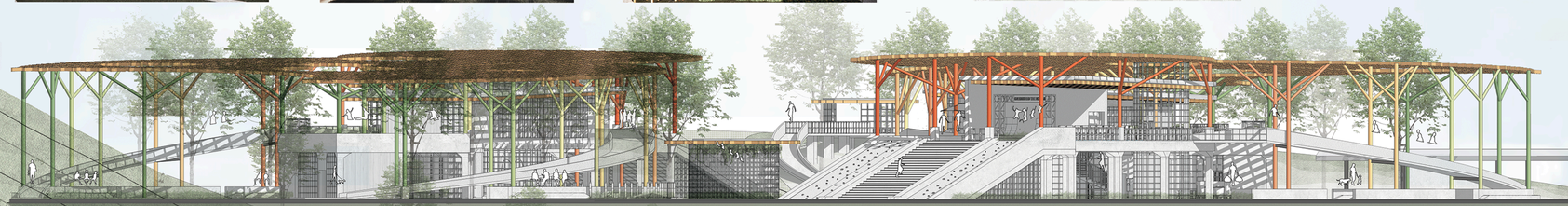


Section B-B': Detailed Strip Section

Scale 1: 50



Exploded Axonometric

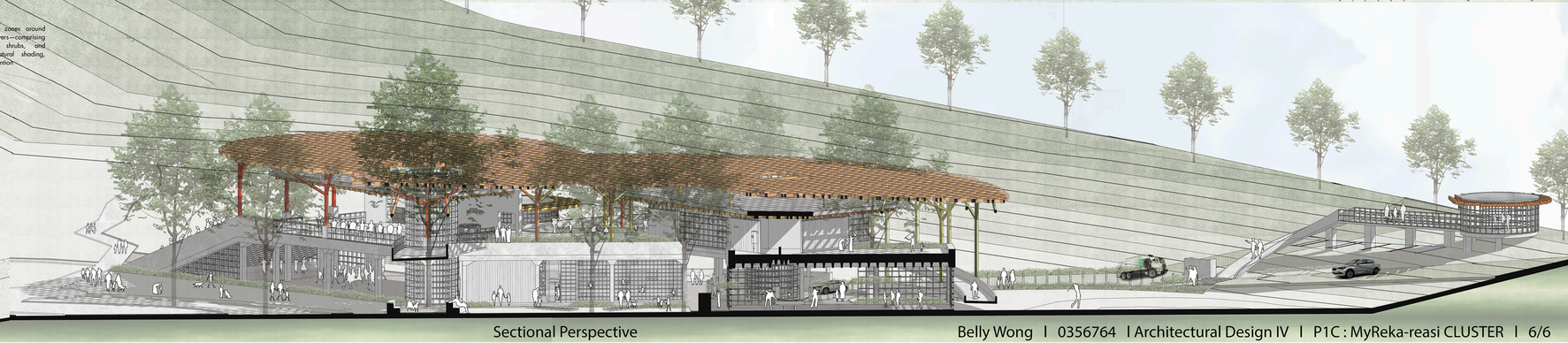


East Elevation : View from Road

Scale 1:100

West Elevation : View from Lakeside

Scale 1:100



Sectional Perspective