

THE TWISTED

PHILOSOPHY

“ARCHITECTURE IS SIMPLE, MINIMAL ,BUT FULL WITH DETAILS.”

In my architectural perspective, minimalism and simplicity with details always touches me. Using the less decorative elements to bring people deeper sense of experience by manipulating the level of details is the beauty of architecture itself. Details from how thick the wall should be until how the space to be arranged has to be consider to widely express the aesthetic and atmospheric part of the building towards the people.

INSPIRATION

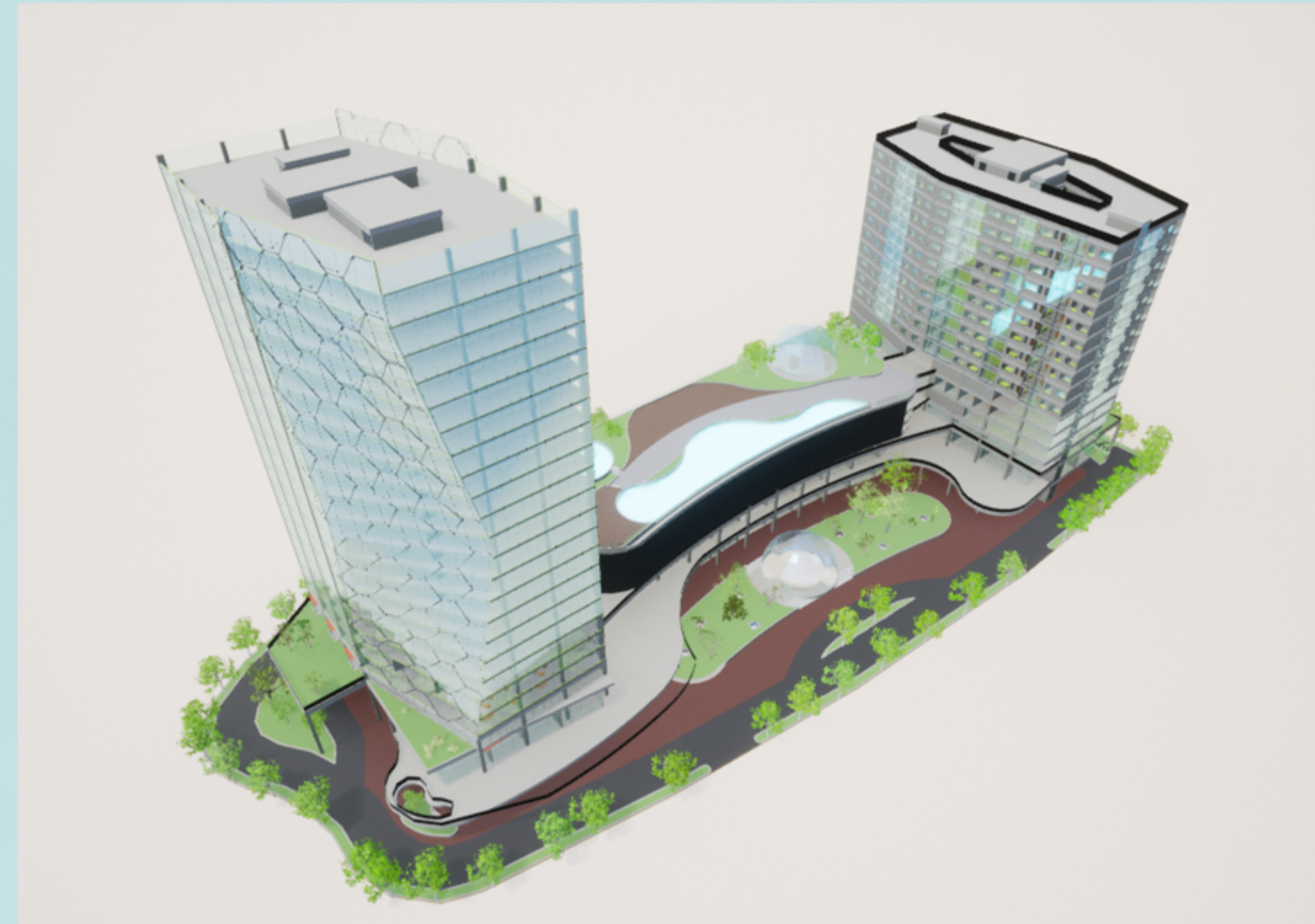
“I DON'T BELIEVE IN ARCHITECTURE HAS TO SPEAK TOO MUCH.

IT SHOULD REMAIN SILENT AND LET NATURE IN THE GUISE OF SUNLIGHT AND WIND.”

Tadao Andō, Japanese style Andō Tadao, (born September 13, 1941, Ōsaka, Japan), one of Japan's leading contemporary architects. He is best known for his minimalist concrete buildings. He won the discipline's four most prestigious prizes: the Pritzker (1995), Carlsberg (1992), Praemium Imperiale (1996), and Kyoto Prize (2002). His body of work is known for its *creative use of natural light and for structures that follow natural forms of the environment*, rather than conforming to the constructed space of a building. His work has been described as *having a haiku like effect and being tied to zen philosophy*.

CONCEPT & IDEAS

The idea is to merge the functions into technology, at the same time implenting greenery and energy saving elements into structures. The usage of green space, eco-friendly technology, and smart glass panels will both create an interactable facade to the audience, also at the same time preserving energy, controlling sunlight without compramisng the 360 view from the building.

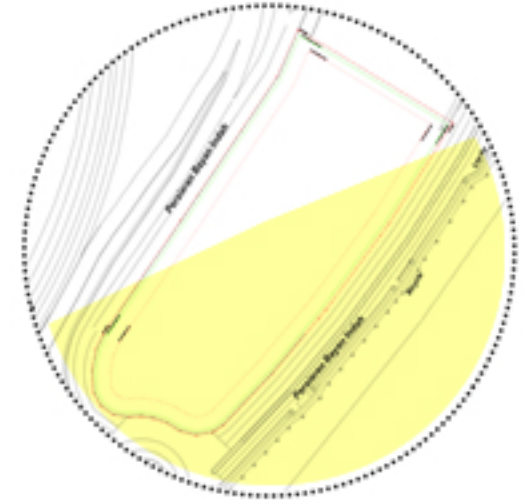




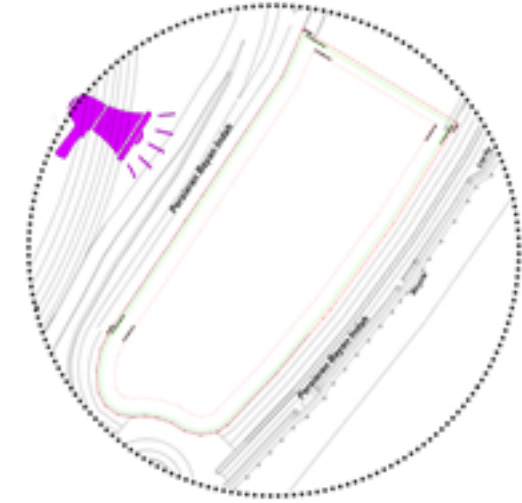
Key Plan
N.T.S.

Location Plan
N.T.S

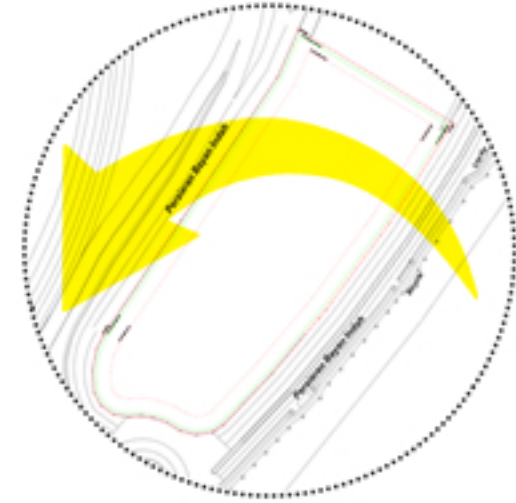
Site Analysis



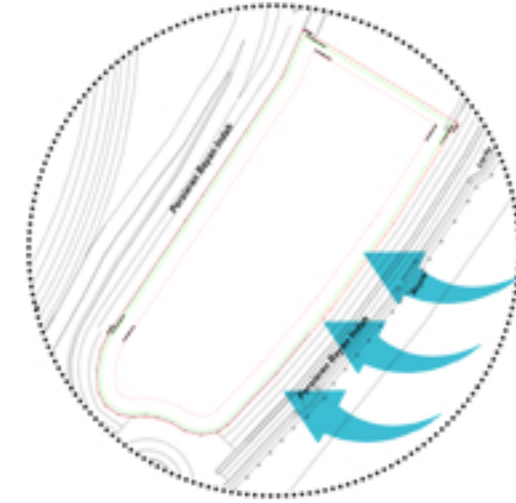
Vista
Diagram



Acoustic
Diagram



Sun Path
Diagram



Wind Path
Diagram

Precedent Studies - Plaza Arkadia



Location: Desa Park City, Kuala Lumpur
Year of Completion: 2016
Area: 11.3 acre

- Stylish mixed development that consist of total 428 units of freehold shops, offices and SoHos.
- 4-storey Buildings
- 8 Blocks (Anson, Eaton, Bellamy, Faraday, Campbell, Gurney Davidson and Hutton), link iwth bridges.
- 2 Basement & 2000 Car Parking Bays
- indicate double volume design for ground floor retail shop and 1st floor courtyard shops
- SoHo floor will be served by lifts with private access card. Each block has 2 entrance lobbies to serve office and Sohos.

Built-up:
- Shop: From 1,500 sf
- Office: From 1,000 sf
- SoHo: From 700 sf

Precedent Studies - Tamarind Square

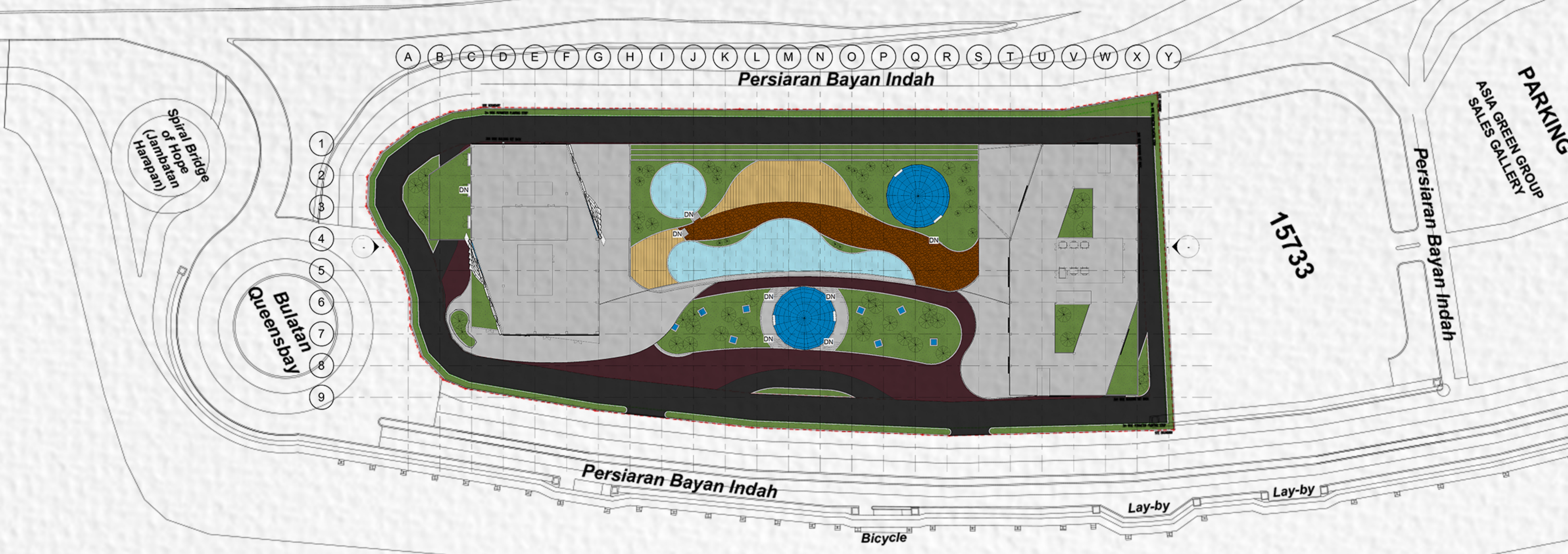


Location: Cyberjaya
Year of Completion: 2016
Area: 14.54 acre
Built-up: 3760 sf
Type: Shop Office

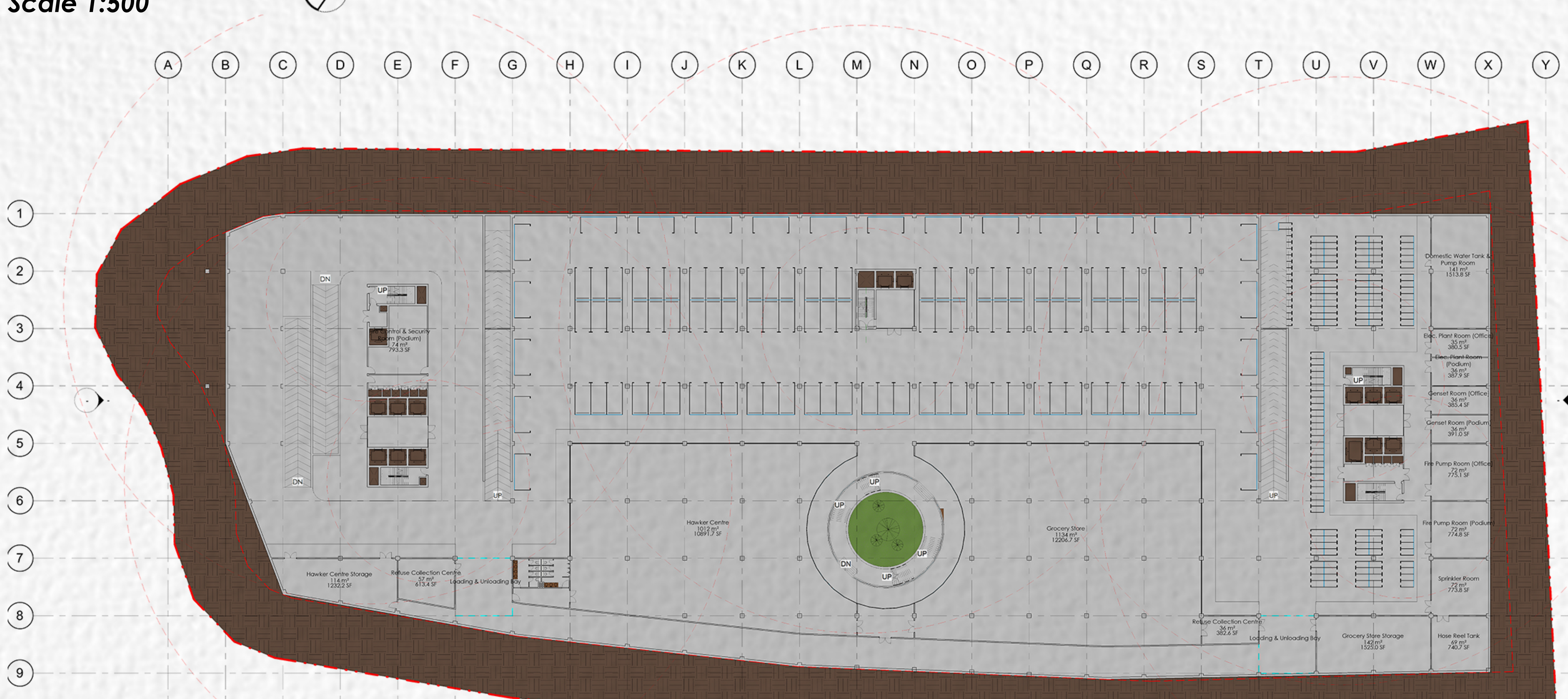
- Consist of a centre with 72 3-storey shop offices that are arranged 2 gardens, and 30 semi-d shop offices (4-5 storeys) with intimate gardens on the sides and on the roof.
- also designed to be a community centre, to be an appealing gathering place
- Covered 'Centre Court' provides space for flea market, exhibitions, performances and events.
- Choices for building materials celebrate the natural building material finishes rather than artificial.

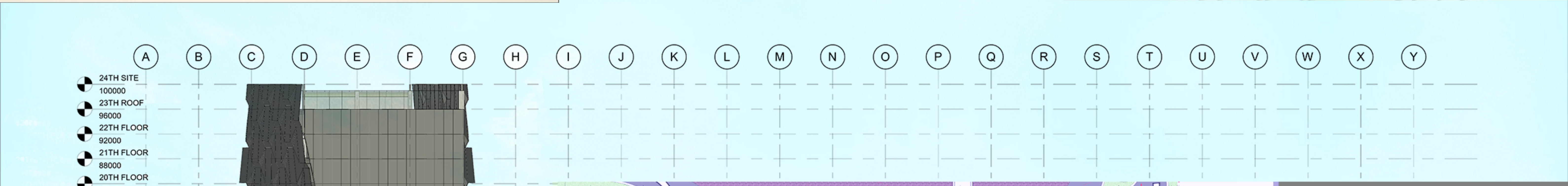
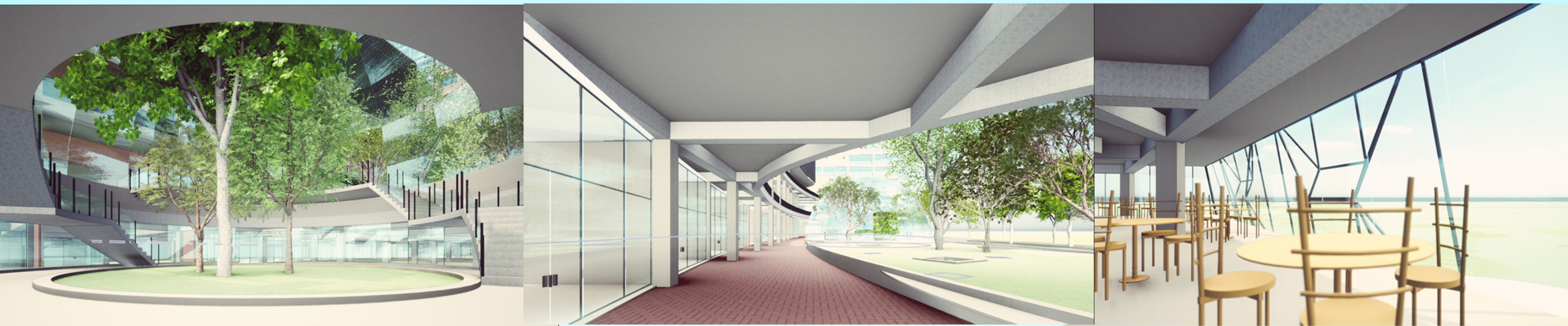
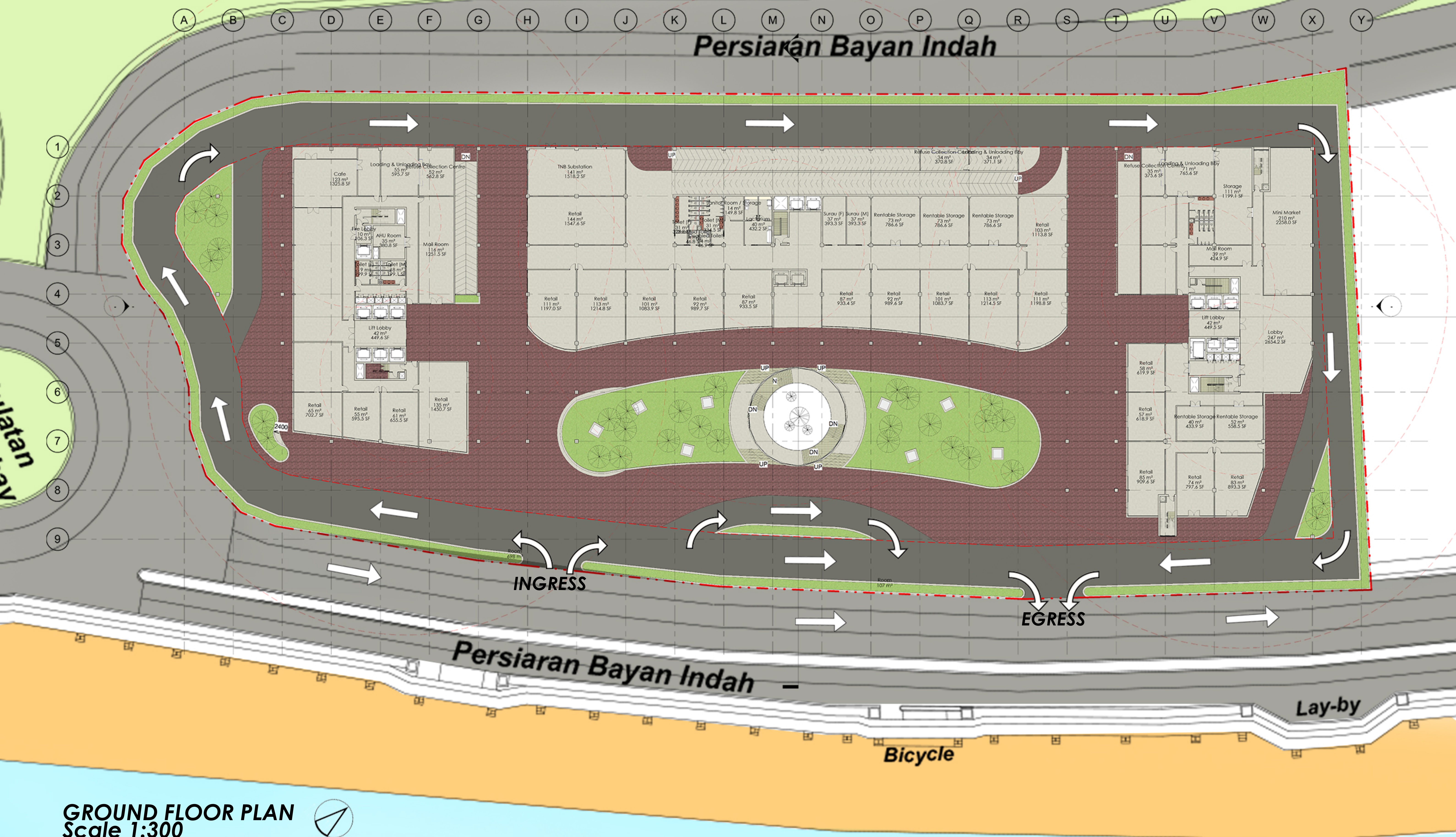


LEBUHRAYA TUN DR. LIM CHONG EU



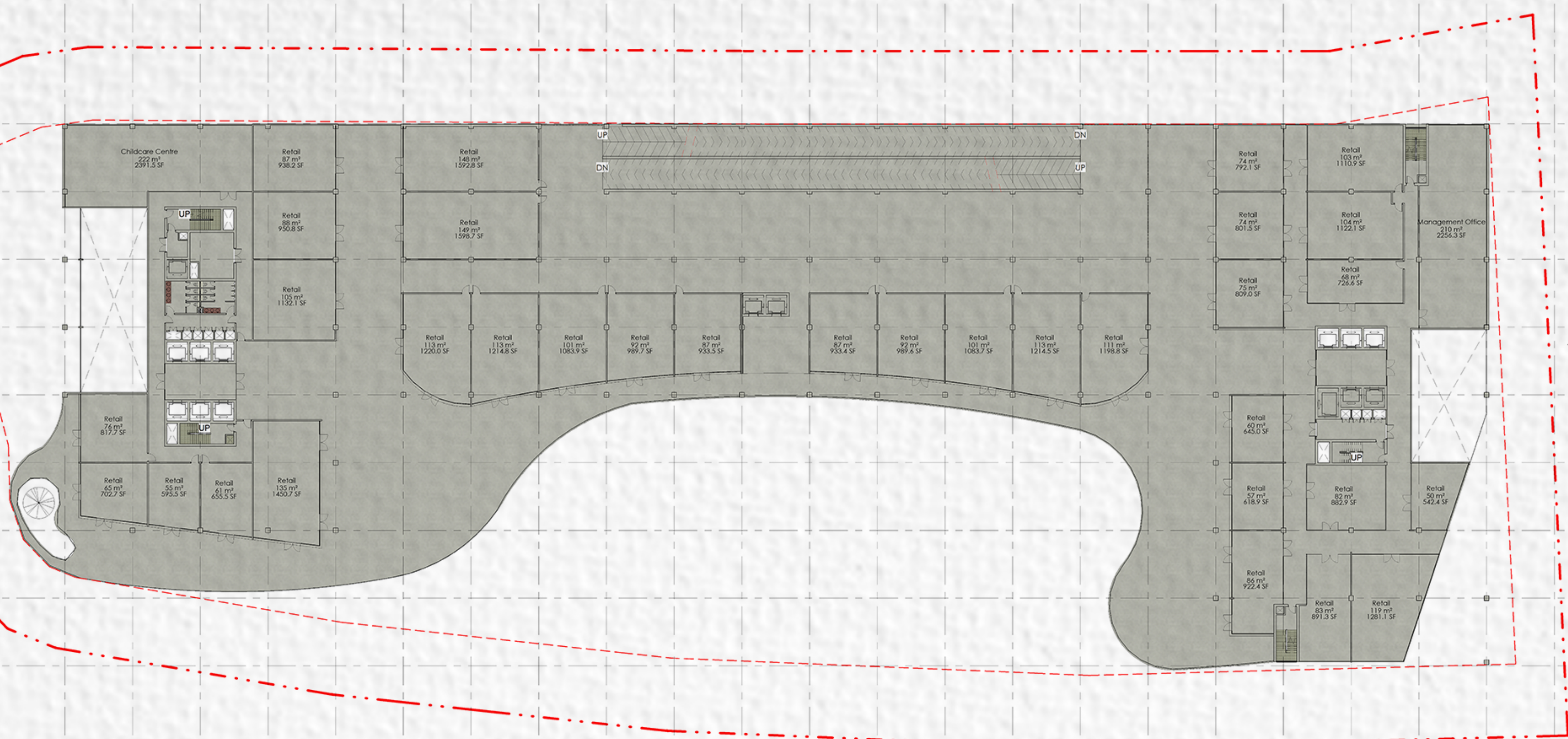
SITE PLAN
Scale 1:500





A B C D E F G H I J K L M N O P Q R S T U V W X Y

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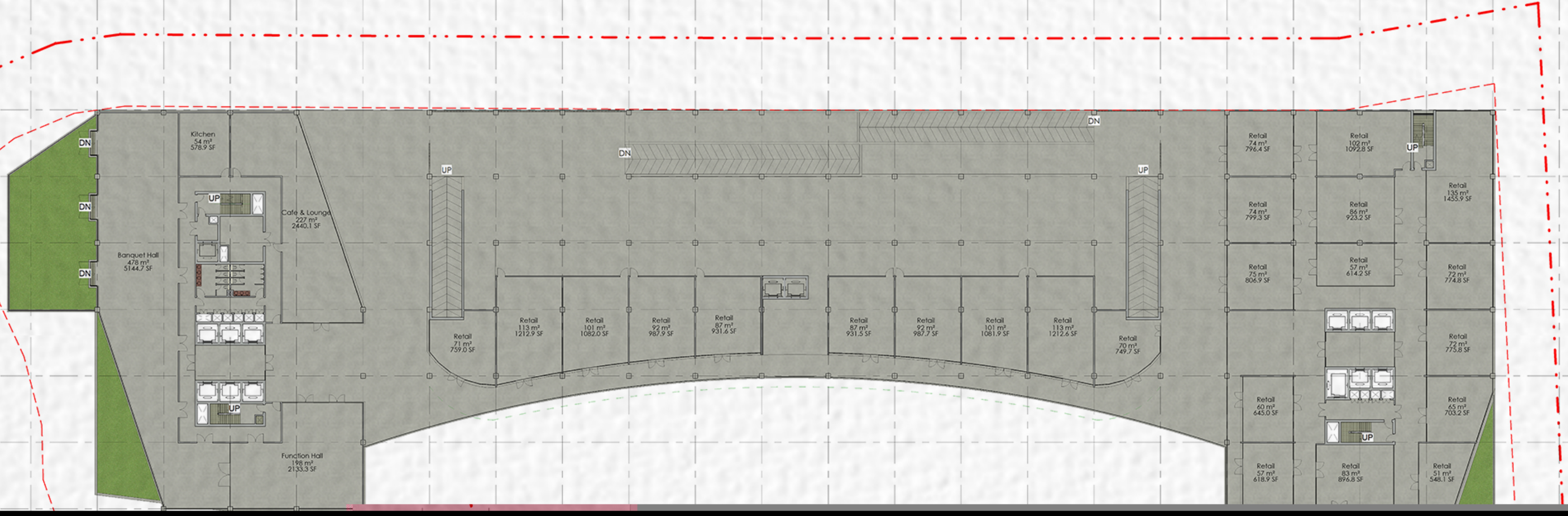


FIRST FLOOR PLAN
Scale 1:300

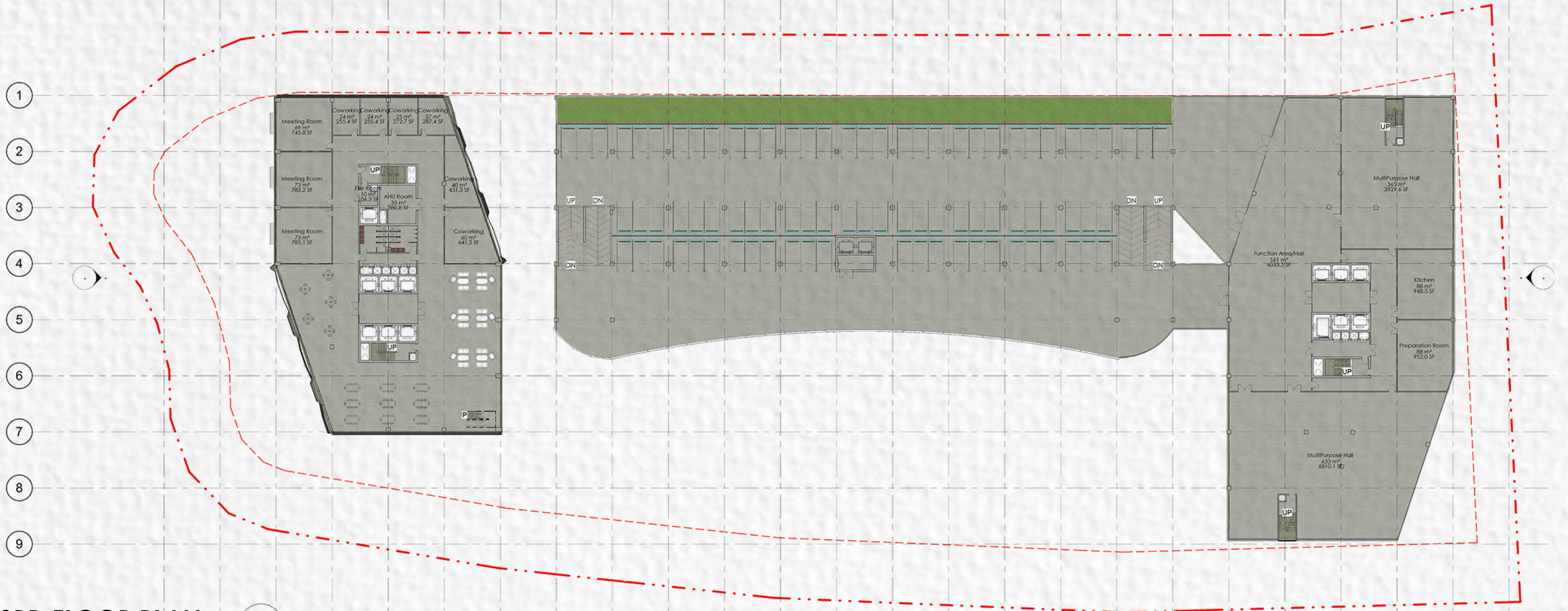


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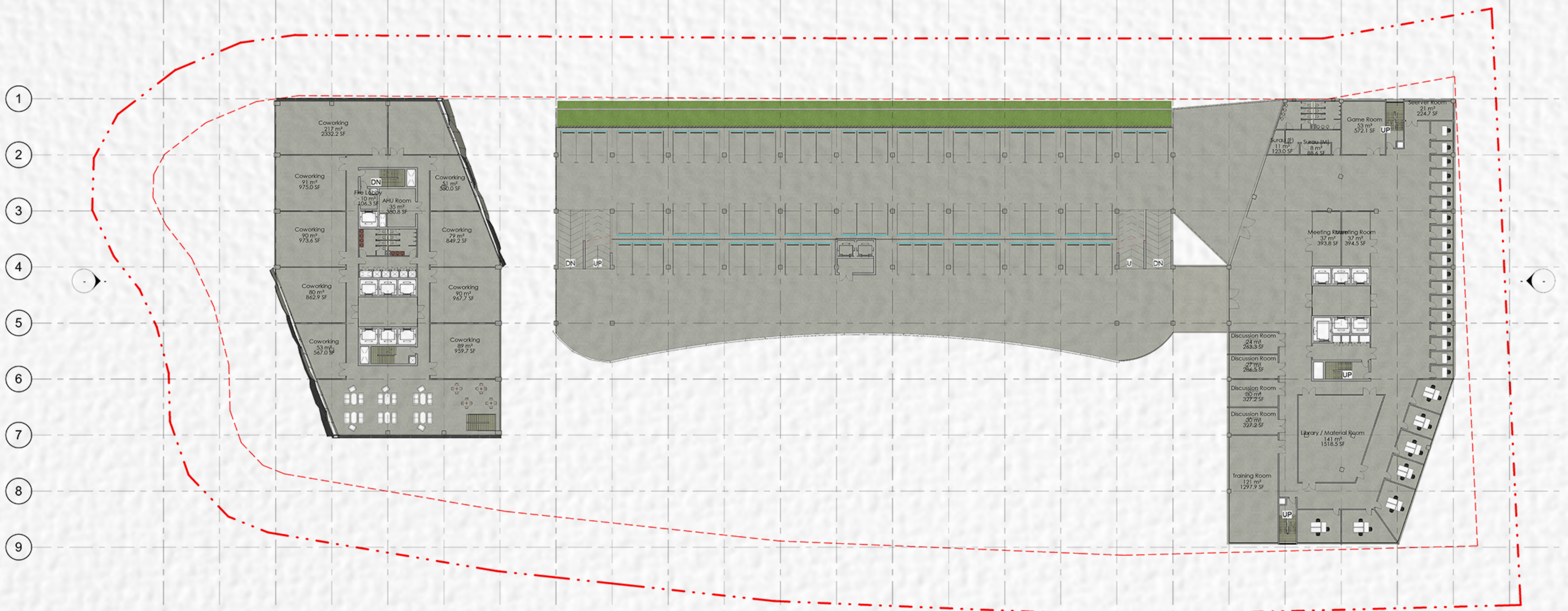
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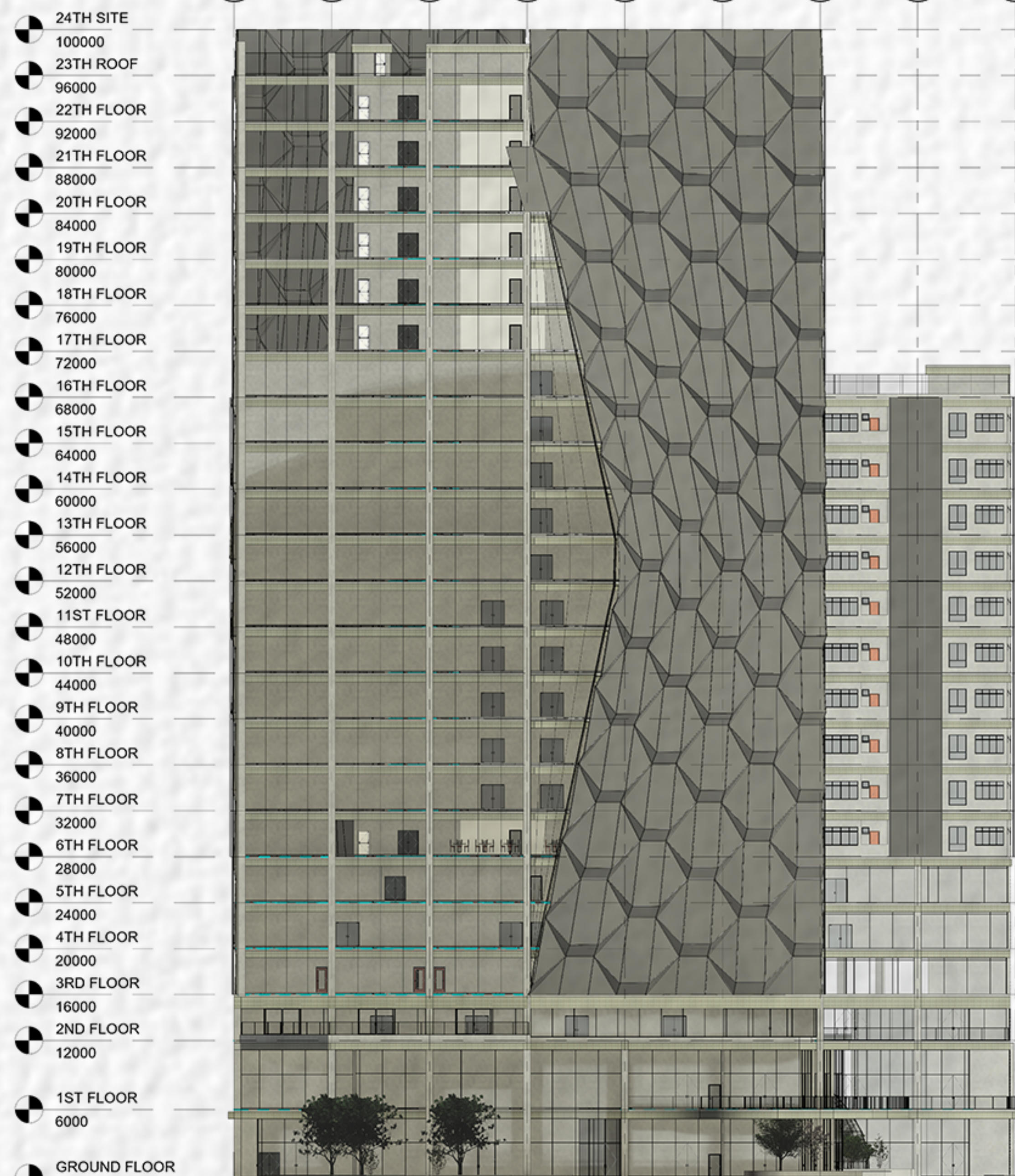
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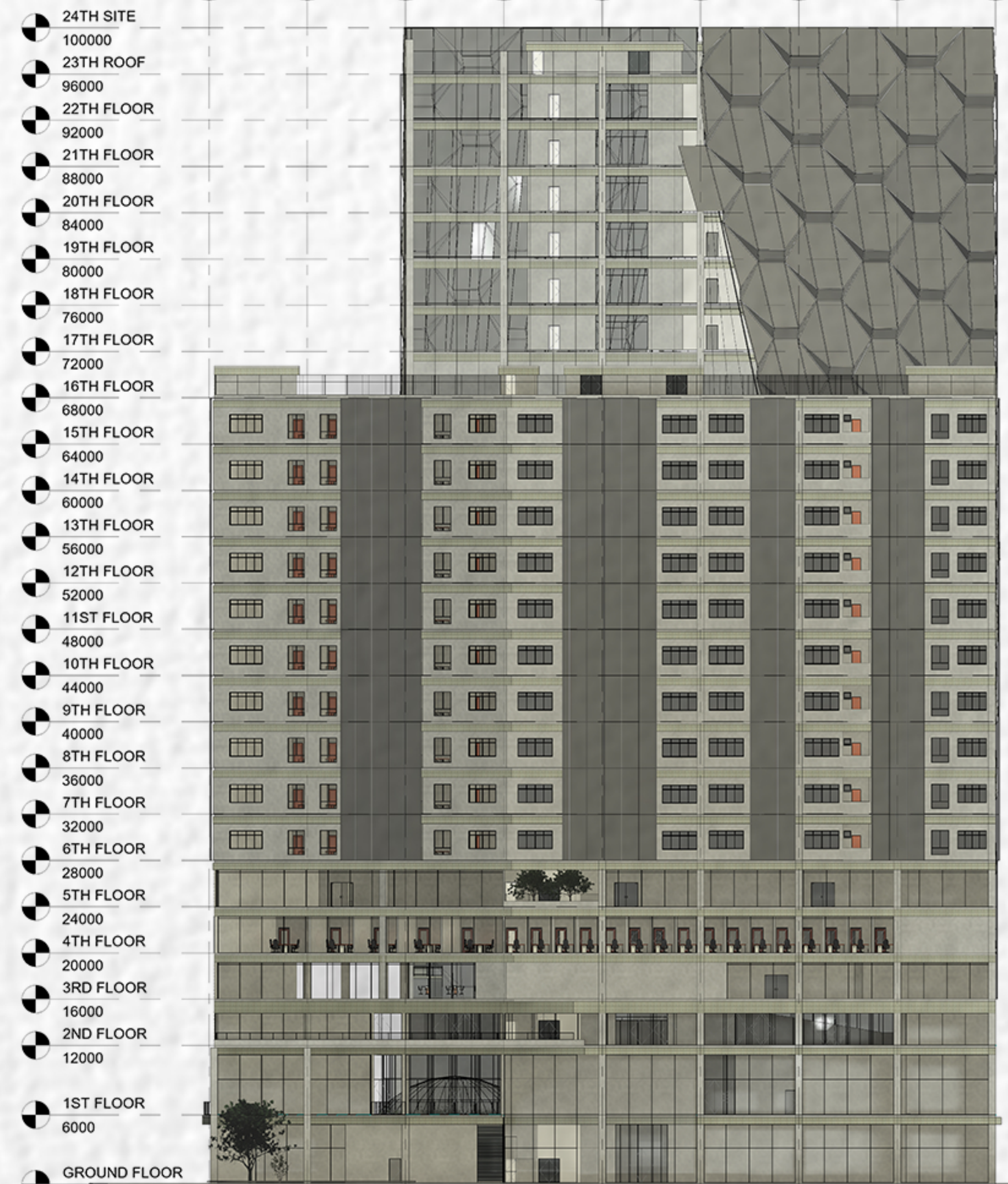
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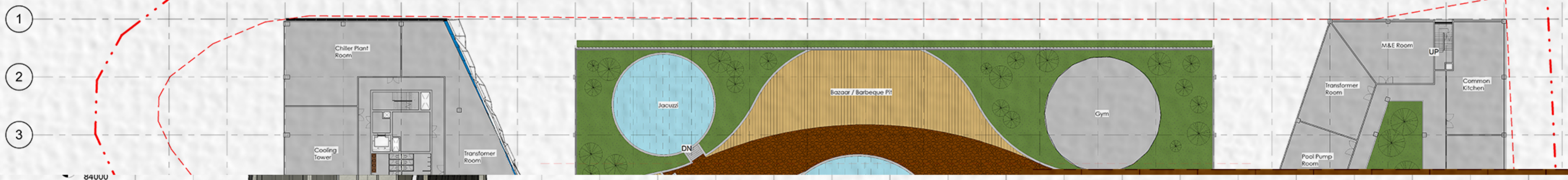
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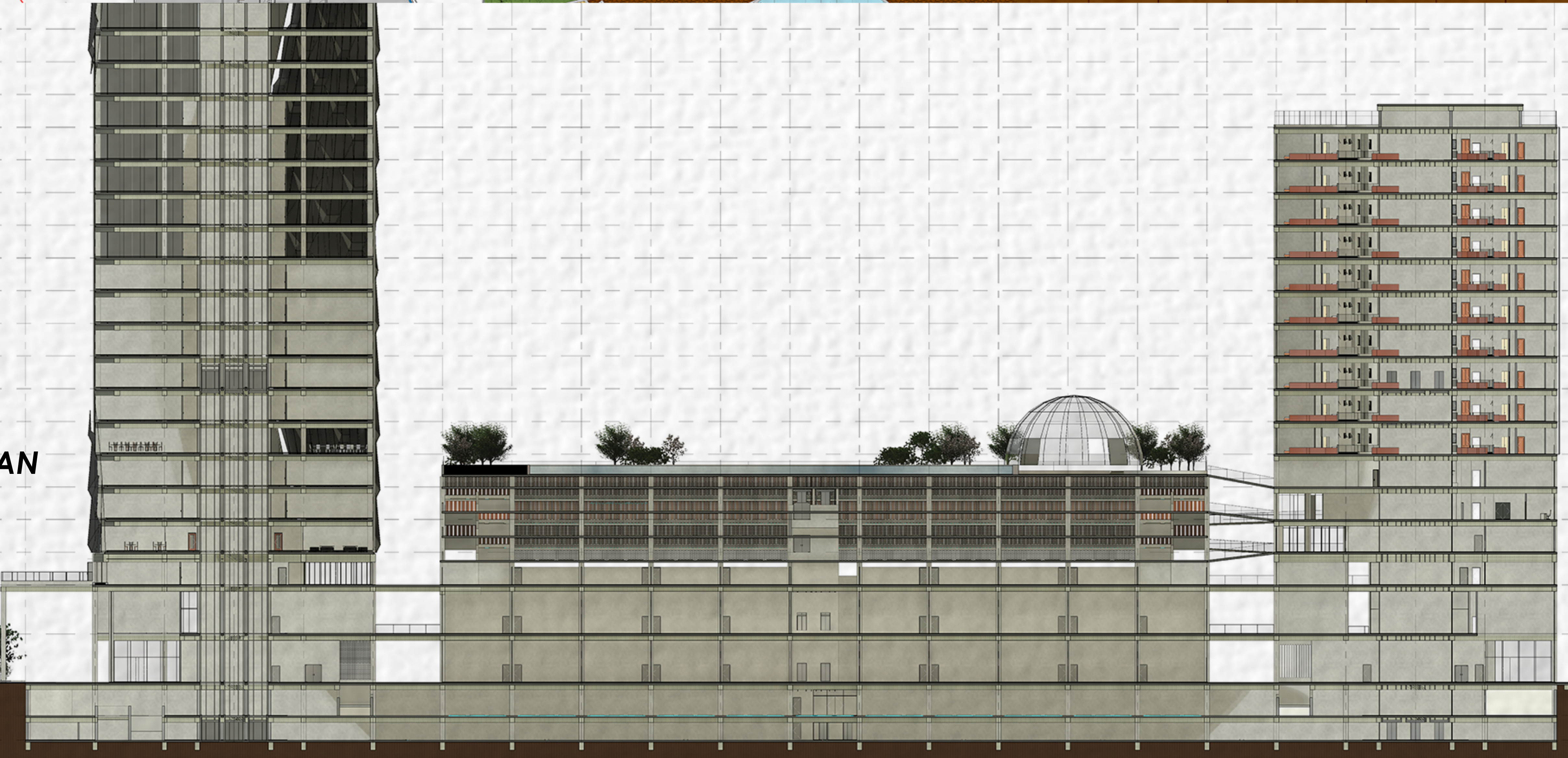
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(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y)



- 5TH FLOOR PLAN**
Scale 1:300
- 19TH FLOOR 80000
 - 18TH FLOOR 76000
 - 17TH FLOOR 72000
 - 16TH FLOOR 68000
 - 15TH FLOOR 64000
 - 14TH FLOOR 60000
 - 13TH FLOOR 56000
 - 12TH FLOOR 52000
 - 11TH FLOOR 48000
 - 10TH FLOOR 44000
 - 9TH FLOOR 40000
 - 8TH FLOOR 36000
 - 7TH FLOOR 32000
 - 6TH FLOOR 28000
 - 5TH FLOOR 24000
 - 4TH FLOOR 20000
 - 3RD FLOOR 16000
 - 2ND FLOOR 12000
 - 1ST FLOOR 6000
 - GROUND FLOOR 0
 - BASEMENT 1 -4000
 - BASEMENT 2 -7000





GREEN BUILDING CRITERIA

ENERGY EFFICIENCY (EE)

EE1 MINIMUM ENERGY EFFICIENCY PERFORMANCE

A minimum energy efficiency performance reducing energy consumption in building and emission of Carbon Dioxide to the atmosphere by using Eco-friendly material like Glazing Panels, Composite Wood Panel etc.

EE2 LIGHTING ZONING

Flexible lighting controls to optimize energy saving such as installed motion sensor where lights only turns on when there is people on that area and also installed timer where light is automatically turn on and off according to schedule.

EE3 ELECTRICAL SUB-METERUBF & TENANT SUB-METERING

Installation of sub-meter to all tenants on retails and office to monitor energy consumption

EE4 RENEWABLE ENERGY

Installation of Solar Panels on the exterior also as facade to save energy consumption by the building

EE5 ADVANCED EE PERFORMANCE

Exceeding the baseline of energy efficiency BEI < 120

EE8 EE VERIFICATION

Verifying energy consumed by tenants from retails and offices by installing sub-meters

EE9 SUSTAINABLE MAINTENANCE

monthly maintenance is provided and monitored to perform as intended even after

MATERIALS & RESOURCES

MR1 MATERIALS REUSE AND SELECTION

Reusing building materials to create facades and reducing demands for materials extracting from virgin resources.

MR2 RECYCLED CONTENT MATERIALS

Using recyclable material such as wood composite decking, and panels to reduce the waste of materials.

MR5 STORAGE AND COLLECTION OF RECYCLABLES

Having facilities that restore and recycle material during building occupancy in stead of disposed in landfills.

MR6 CONSTRUCTION WASTE MANAGEMENT

A construction waste management plan is developed and minimal of materials is diverted from disposal, measured by waste disposal trucks.

MR7 REFRIGERANTS & CLEAN AGENTS

Using eco-friendly and environmental friendly refrigerants and clean agents exceed our country commitment to the Montreal and Kyoto Protocols.

WATER EFFICIENCY

WE1 RAINWATER HARVESTING

Portable water consumption through rainwater harvesting

WE2 WATER RECYCLING

OTV ORIENTATION	Wall Location	A Wall Area (m ²)	B Constant	C Solar Absorption Factor (a)	D Window to Wall Ratio (WWR)	E (1-WWR)	F Wall Constr. U-Value (Uw)	G Glass U-Value (Uf)	H Orientation Factor (OF)	I Glass Shading Coeff. (SC1)	J Device Shading Coeff. (SC2)	K Shading Coeff. SC1 x SC2	L Wall OTTV	% of OTTV
HEAT CONDUCTION THROUGH WALLS	Podium - North Wall	3064.05	15	0.15	0.43	2.33	2.63	N/A	N/A	N/A	N/A	N/A	42166.32	
	Podium - South Wall	3064.05	15	0.15	0.43	2.33	2.63	N/A	N/A	N/A	N/A	N/A	42166.32	
	Podium - East Wall	1077.98	15	0.15	0.43	2.33	2.63	N/A	N/A	N/A	N/A	N/A	14834.76	
	Podium - West Wall	800.52	15	0.15	0.43	2.33	2.63	N/A	N/A	N/A	N/A	N/A	11016.46	
	Office Tower - North Wall	2945.13	15	0.15	1.00	1.00	2.63	N/A	N/A	N/A	N/A	N/A	17427.81	
	Office Tower - South Wall	2945.13	15	0.15	1.00	1.00	2.63	N/A	N/A	N/A	N/A	N/A	17427.81	
	Office Tower - East Wall	4309.62	15	0.15	1.00	1.00	2.63	N/A	N/A	N/A	N/A	N/A	25502.18	
	Office Tower - West Wall	4309.62	15	0.15	1.00	1.00	2.63	N/A	N/A	N/A	N/A	N/A	25502.18	
	Soho Tower - North Wall	1915.42	15	0.15	0.50	2.00	2.63	N/A	N/A	N/A	N/A	N/A	22669.00	
	Soho Tower - South Wall	1915.42	15	0.15	0.50	2.00	2.63	N/A	N/A	N/A	N/A	N/A	22669.00	
	Soho Tower - East Wall	3692.38	15	0.15	0.50	2.00	2.63	N/A	N/A	N/A	N/A	N/A	43699.32	
	Soho Tower - West Wall	3692.38	15	0.15	0.50	2.00	2.63	N/A	N/A	N/A	N/A	N/A	43699.32	
	Σ Wall Area	33731.70	Equation for Heat Conduction Through Walls = 15 x a x (1-WWR) Uv										328780.44	9.75
THROUGH WINDOWS	Podium - North Wall	3064.05	6	N/A	0.45	N/A	N/A	3.6	N/A	N/A	N/A	N/A	29782.57	
	Podium - South Wall	3064.05	6	N/A	0.45	N/A	N/A	3.6	N/A	N/A	N/A	N/A	29782.57	
	Podium - East Wall	1077.98	6	N/A	0.45	N/A	N/A	3.6	N/A	N/A	N/A	N/A	10477.97	
	Podium - West Wall	800.52	6	N/A	0.45	N/A	N/A	3.6	N/A	N/A	N/A	N/A	7781.05	
	Office Tower - North Wall	2945.13	6	N/A	0.10	N/A	N/A	3.6	N/A	N/A	N/A	N/A	6361.48	
	Office Tower - South Wall	2945.13	6	N/A	0.10	N/A	N/A	3.6	N/A	N/A	N/A	N/A	6361.48	
Office Tower - East Wall	4309.62	6	N/A	0.10	N/A	N/A	3.6	N/A	N/A	N/A	N/A	9308.78		