

GREEN POCKETS IN THE CITY

Green pockets serve as a visual relief to the streetscape and a sanctuary for nature to flourish in the heart of the city. The outdoor social space is easily accessible for the office staff, allowing for a breakaway from work.

POROSITY

The circular discs are positioned to reduce the east-facing glare while allowing diffused natural light into the interior. Latent heat gain of the building is minimized.

FRAMING VIEWS

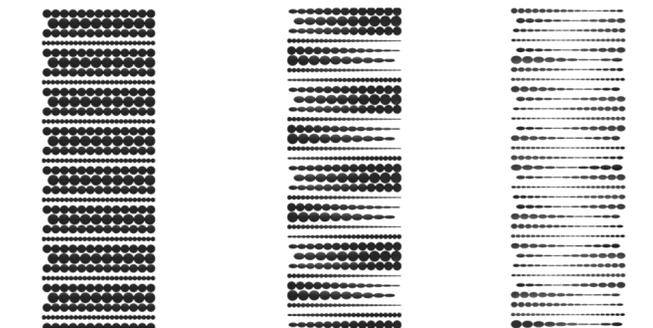
The façade arrangement considers interior spaces and activities and crafts ideal viewframes of the exterior while maintaining the environmental functionality of the façade.

URBAN STREETScape

The façade conforms fully to the street block plan requirements regulated by the government and introduces some visual relief amidst the densely built-up environment, through the use of greenery and layering effect.

ENVIRONMENTAL RESPONSE

Parametric design tools were used to explore façade design options that respond sensitively to the environment. The process gave rise to **hundreds** of iterations. These are a few critical, defining parameters that were considered out of many:



1. SIZING

A variety of panel sizes are used to give diversity and interest to the elevation, amongst a row of solid, regular curtain wall façades along the street.

2. ARRANGEMENT

Parameters such as rotation orientation and initial set-out degree are explored to give a more composed elevation.

3. POROSITY

Porosity is strategically introduced at localized areas to provide visual and physical openings to frame up views for end users.

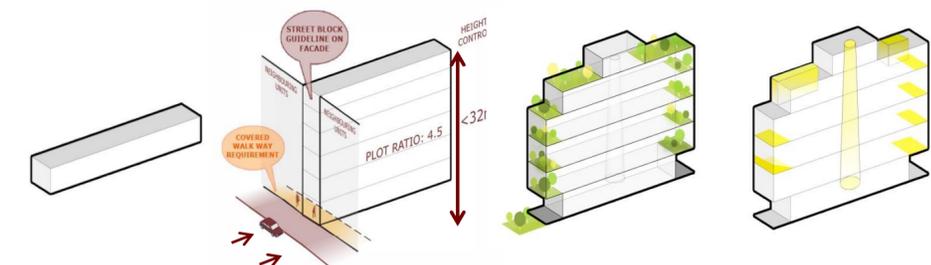
SITE CONTEXT

The project brief is to construct an office building that is given an extremely narrow site is sandwiched between two large-scale buildings and sits between two roads and overlooks greenery in the heart of the city.



With two very short frontages to the outdoors, the challenge of this project is to introduce as much as light and natural ventilation into the building as possible. In the next panel, the axonometric drawing demonstrates how the designers achieved this.

SITE RESPONSE



SITE PROFILE

The limited footprint of the site calls for a specific design intervention suitable to the narrow site

COMPLIANCE

The schematic volume is generated and maximized to create the most possible floor area for the new building.

GREENERY

Greenery are introduced to develop a sustainable design, achieving 71% of landscape replacement area.

SCULPTING LIGHT

The massing is further developed to meet authority requirements, to break down the mass and to articulate the program and bring in daylight.