

Location

Singapore

Design

Tierra Design

Size

6109 sqm

Photography

Amir Sultan



The tropical gardens in the sky at the Ocean Financial Centre were designed within the interstitial spaces between the building structure and façade framing. Creating a connection to the natural environment, the vertical landscaping at the highest floors from the 39th to the 43rd level provides a lush setting. These areas provide much needed relaxation and relief to users who spend most of their time in the artificially ventilated environment of an office building. In response to the hard surface of the structural framing of the building the landscaping provides a contrasting effect softening the lines and creating an intimate

experience. The canopy trees at the 41st floor create an interesting play of scale and different textures and colours of planting offer a vibrant visual treat.

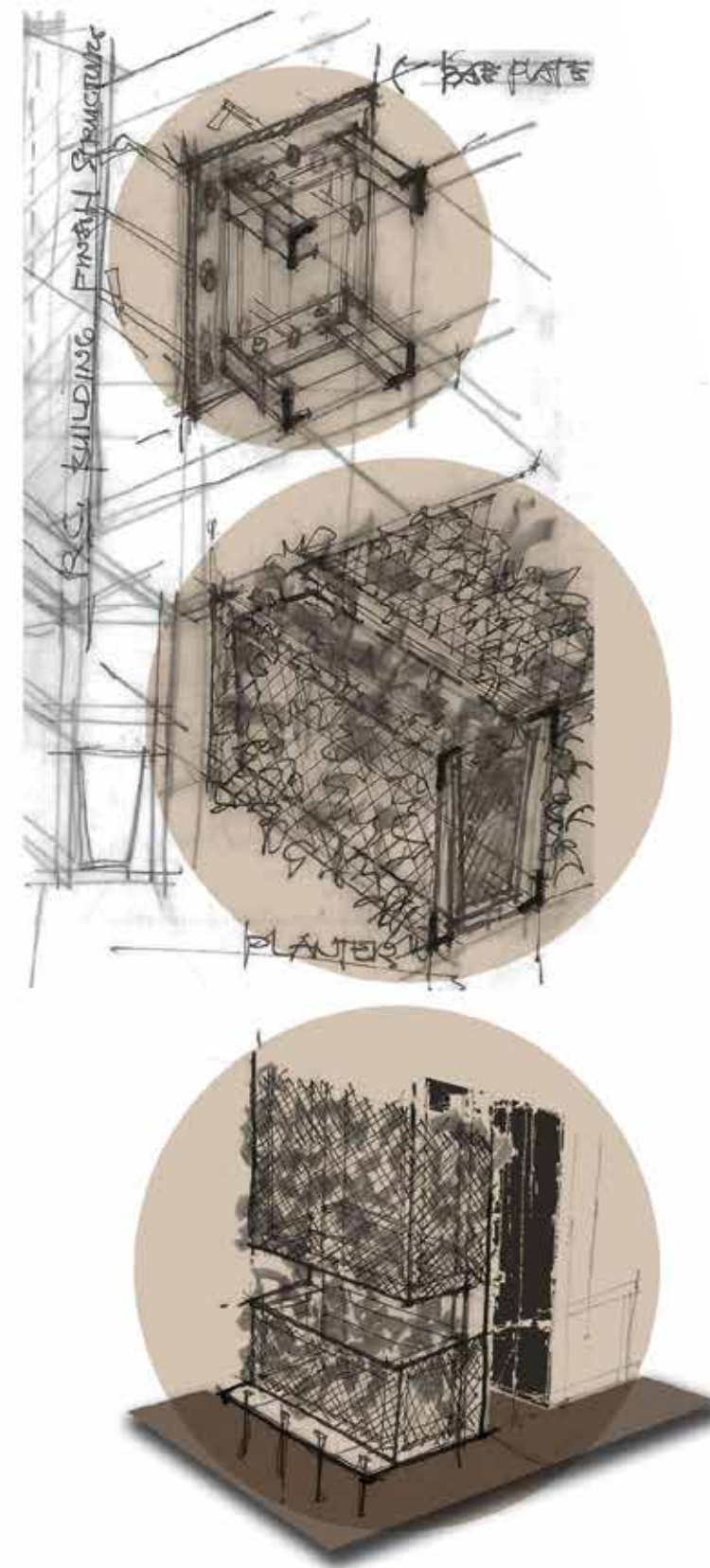
At another level, landscaping frames 2-storey high columns at 41st floor and 1-storey high columns at 42nd and 43rd floors, which creates a view of vertical green planes for the office space and framing the dynamic city skyline beyond. The vertical green frames are comprised of planters located at every 1.5m. The lightweight mesh structure is planted with fast growing *Thunbergia grandiflora* climber species to ensure a full green cover. The showy purple flowers and the large



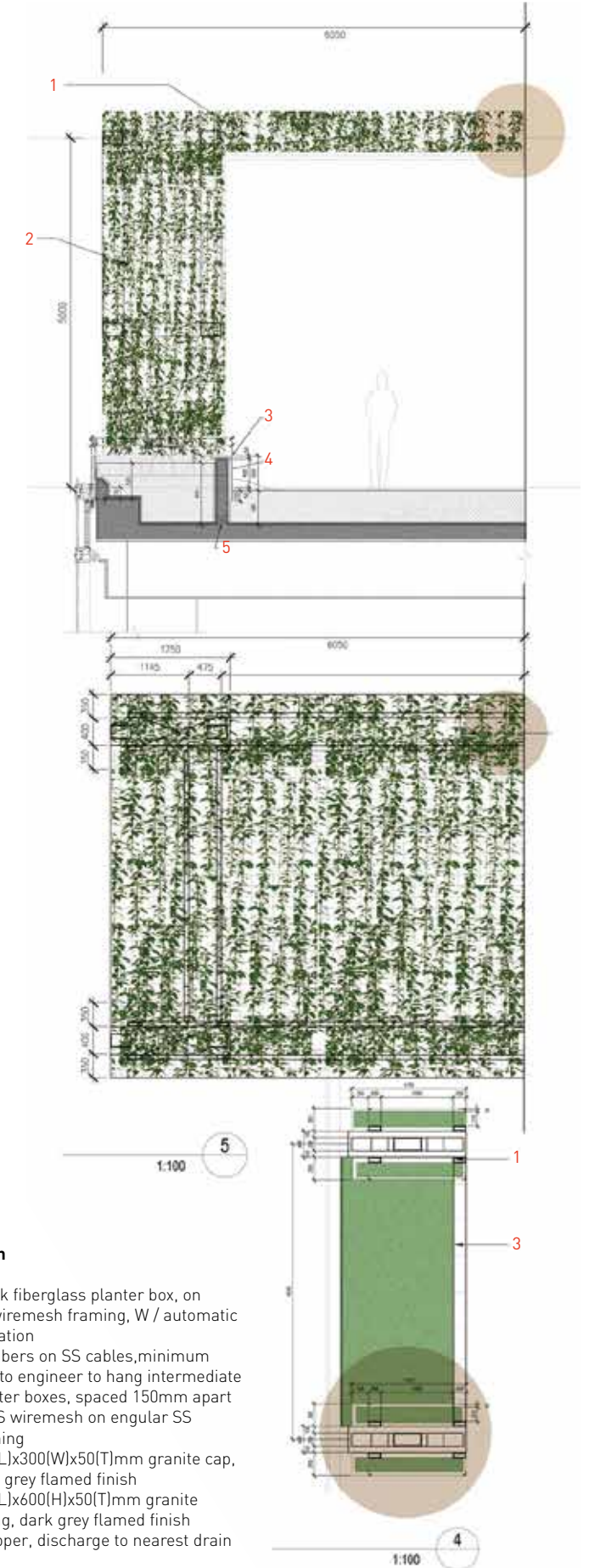


leaf foliage add to the tropical feel of the interactive garden space. A combination of profuse flowering plants and colourful textured leaf foliage of shrubs at the base of the green columns lend an exciting and vibrant feel to this limited landscape space. At the 43rd level, the green columns are combined with horizontal trellis feature to create a green arbor in the sky. Horizontal planter trays at regular intervals planted with trailing plants to cover the trellis form a soft green canopy for the sky garden users. Auto-irrigation & fertilisation system installed for all the planter areas ensure that through timer controlled drip nozzles, slow, steady and precise amounts of water and nutrients are provided. With slow application rate, water seeps into the soil media and is fully absorbed by the capillary action of the root system. Rain sensors

are installed at planters to cut off irrigation during rainy days. All these measures ensure that water is judiciously used in just the required amounts for the plants to thrive and sustain the lush urban high-rise gardens at the Ocean Financial Centre. A series of tropical garden views, outdoor walks and seating at different levels create a work environment that is refreshing and unique. The landscaping within the interstitial spaces between the building structure and the façade framing blurs the boundary between the built and the natural environment.



Concept sketches



Section

1. Black fiberglass planter box, on SS wiremesh framing, W / automatic irrigation
2. Climbers on SS cables, minimum size to engineer to hang intermediate planter boxes, spaced 150mm apart or SS wiremesh on angular SS framing
3. 550(L)x300(W)x50(T)mm granite cap, dark grey flamed finish
4. 550(L)x600(H)x50(T)mm granite siding, dark grey flamed finish
5. Scupper, discharge to nearest drain

