

Hong Kong Polytechnic University – Hong Kong Community College (Hung Hom Bay Campus)

The form composes of various teaching blocks stacked spirally in the air, which are separated with sky gardens at different levels. The various blocks have different degree of opacity. The opacity controls the degrees of direct sunlight casting into the interior of the building with different degree of intensity. The interface of the low block and high block is spatially separated with a top sky-lighted atrium. It serves as a focal point to link up various facilities together and orientates the internal space and circulation.

The mass teaching facilities are arranged on the lower floors. They are shared and connected effectively with the escalators and lifts system. Main staircases are always provided next to the escalators and also link up all sky gardens together. It helps to bring the outdoor atmosphere to the interior.

Sky garden is one of the major design features. From the appearance of the building, a spiral-chain of sky gardens could be perceived and the conspicuous feature is distinctive from the surroundings. The sky gardens are conducive to students' discussions on projects and casual gathering for socialising. Among the intense urban fabric, the sky gardens provide good locations for viewing towards Hung Hom district and the relatively open Hung Hom Station and Coliseum areas. The choice of bamboo in the sky gardens suffices to let sun light shining into the interiors and some large trees are also planted to form a lively and pleasant atmosphere.

香港理工大学 – 香港专上学院(红磡湾校园)

建筑的外观由不同的教学楼块以螺旋状堆积而成，中间由不同楼层的空中花园隔开。各个楼块有不同的透明度。透明度控制着建筑内部的日光直射层级。高低建筑的接触面由一个顶部透光中庭隔开。中庭作为将不同设施连接在一个的焦点，为室内空间和交通确定了方位。

大规模的教学设施被安排在较低的楼层。它们由电梯和自动扶梯系统有效地连接起来。主楼梯设在自动扶梯的旁边，同时与空中花园相连。它将户外氛围带进了室内。



- | | |
|-----------------------------|------------|
| 1. stage and backstage area | 1. 舞台和后台区域 |
| 2. store room | 2. 储藏室 |
| 3. multi-purposes hall | 3. 多功能厅 |
| 4. building line above | 4. 上方建筑界线 |
| 5. classroom | 5. 教室 |
| 6. AHU | 6. 空调机组 |
| 7. lecture theatre | 7. 阶梯教室 |

空中花园式设计的亮点之一。从建筑的外面就可以看到空中花园，这一特征使其独树一帜。空中花园便于学生探讨项目，也便于他们休闲集会。在密集的城市网格中，空中花园是难得的观景佳处，可以俯瞰红磡区和相对开放的红磡车站和大剧院。空中花园上种植竹子让阳光透过缝隙射入室内，而一些大型的树木则增添了生动愉悦的气氛。



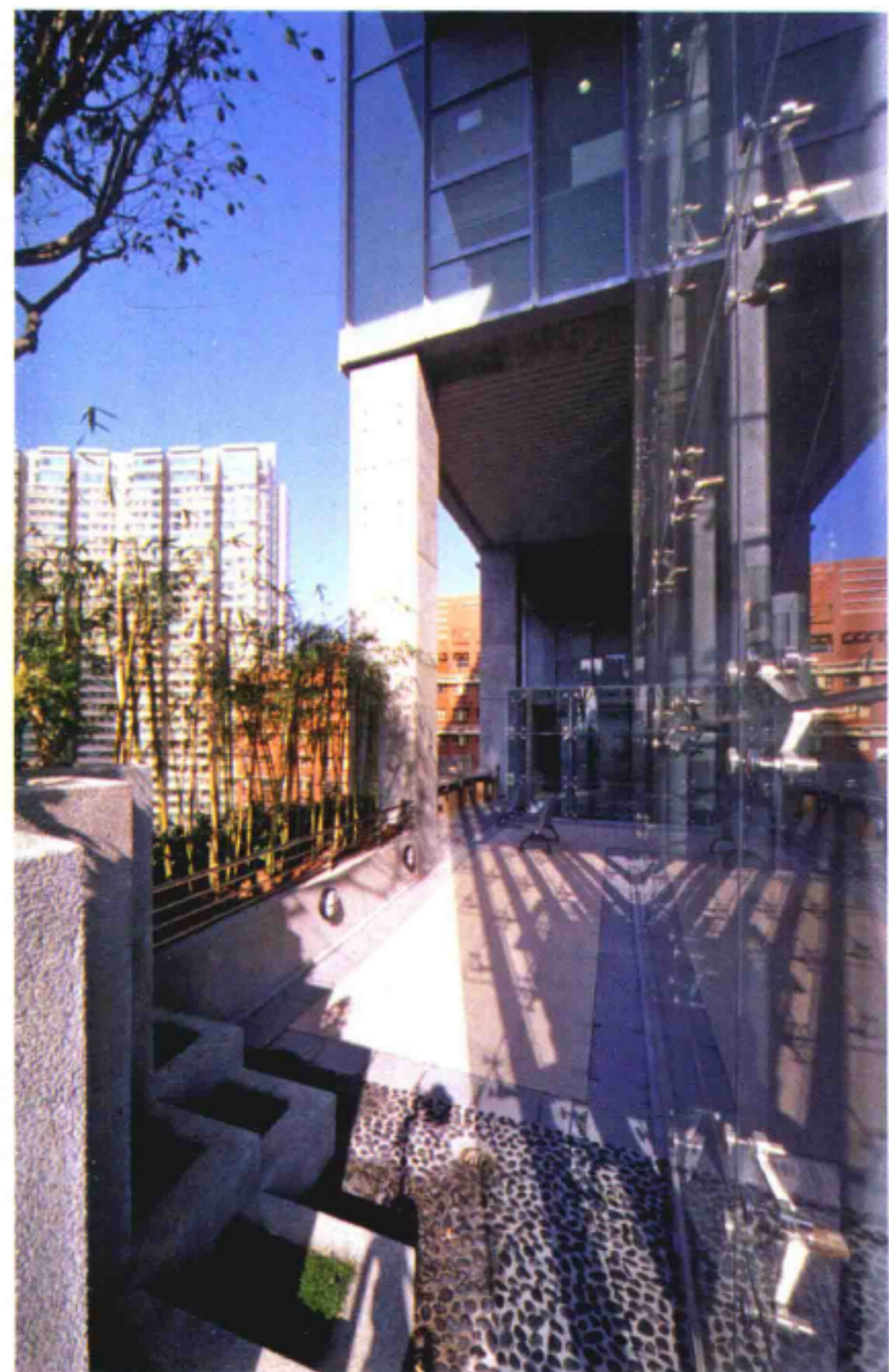
Distant view 远景



东立面 East elevation



主入口 Main entrance



空中花园 Sky gardens



图书馆的自然采光 Natural daylight to library

Photo: Wong Wingfai, Tang Kafai

Educational

Completion Date: 2007

Architect: AD+RG Architecture Design and Research Group Ltd.
In Collaboration with AGC Design Ltd and Wang Weijen Architecture