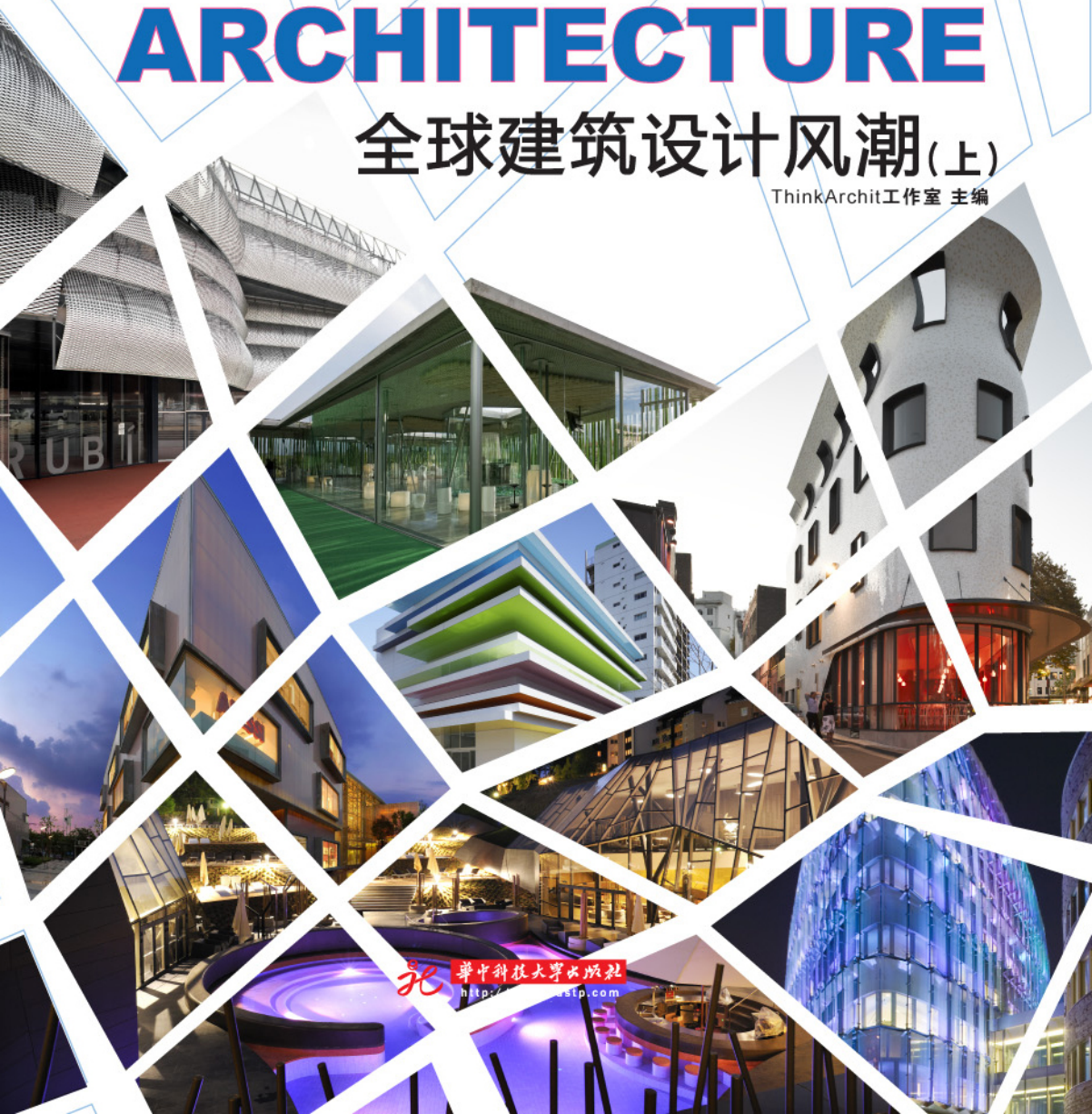
GLOBAL DESIGN TRENDS IN ARCHITECTURE

全球建筑设计风潮(上)

ThinkArchit工作室 主编



華中科技大學出版社

Piraeus Tower

比雷埃夫斯大厦

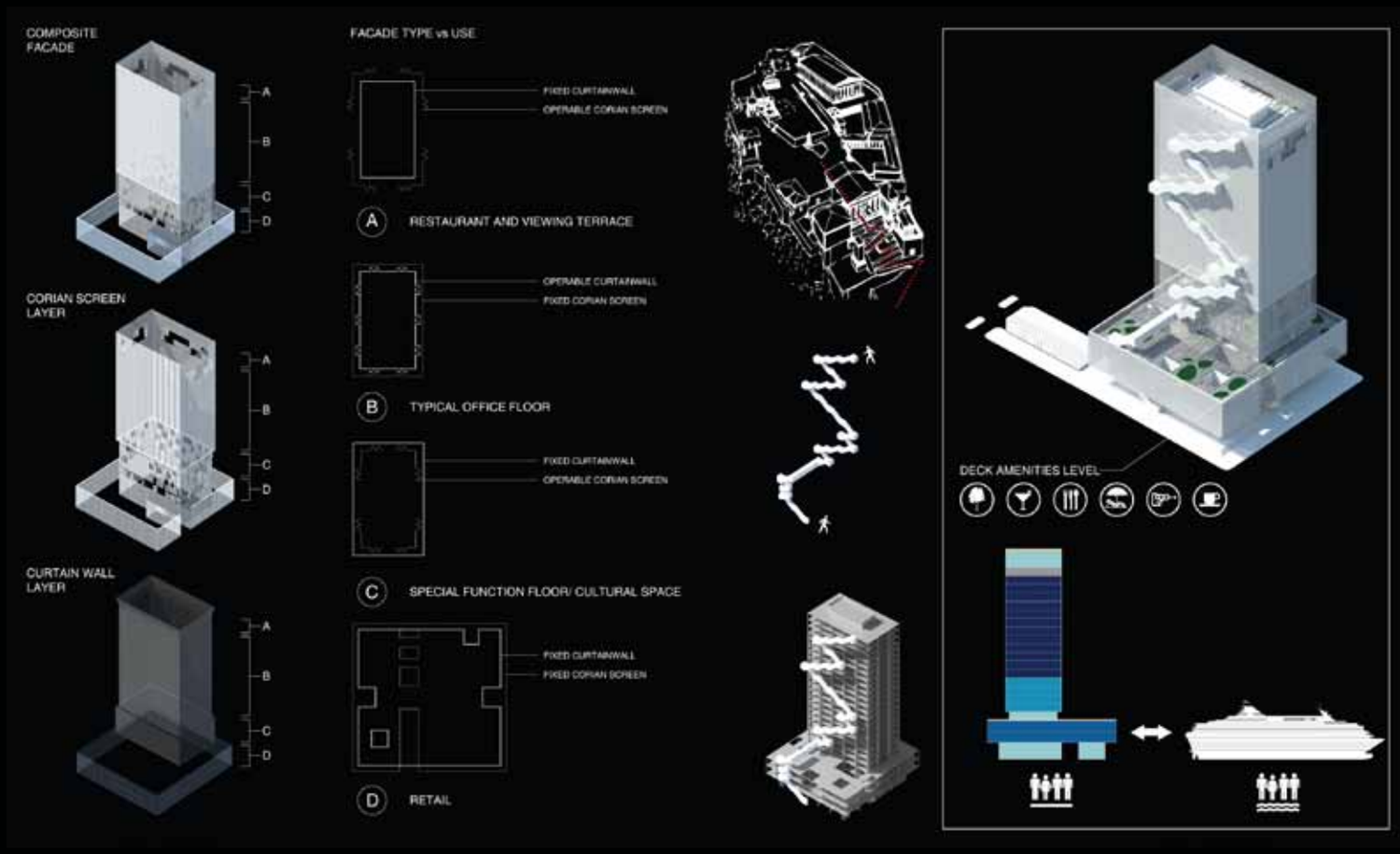
ZERAFA ARCHITECTURE STUDIO

Design Team / 设计团队 : Jason Zerafa, Joaquin Boldrini
Location / 地点 : Greece
Area / 面积 : 32,224 m^2

At first glance, piraeus tower, with it's dominant scale within the urban fabric, feels like an unwanted visitor, ironically, one that over time, has become disconnected to the city through neglect, yet synonomous with the city's image. Piraeus is composed of 2 major components, those which remain static over time and those affected by an hourly schedule, land vs sea, floating visitor vs the physical city. In fact, these out of scale vistors are in a way the true residents of the city, they are the focus of the city's energy and economic and cultural life. In this way, perhaps piraeus tower represents the urban rule, not the exception. This idea is significant both in relation to the scale of the tower, but also the mixed-use program housed within. The stacked program represented within the port's floating residents is derivative of the mixed-use tower, housing offices, cultural facilities, leisure amenities, restaurants, retail and services.

Our proposal demands that we express, even magnify the scale and abstract quality of the existing tower. By highlighting the primary massing of tower and podium, we provide a legible canvas for the development of a series of layered readings at smaller scales. Our proposed façade design is derived primarily from the manipulation of a single surface. The application of a fixed exterior screen, or veil for the office floors, set outboard of the curtainwall, provides the most effective shading for the typical workspace and permits the use of a relatively transparent and operable interior layer. As the the program transitions to less restrictive use within the cultural program floors, the screenwall moves to the interior in the form of operable bi-fold panels. The curtainwall then moves to the exterior to provide a transparent venue for viewing the cultural activities within and affect a active dialogue with the city.

乍看之下，比雷埃夫斯大厦的建筑体量在城市占据一定优势，因而该建筑显得独具一格，感觉像是一位悠闲的游客，与周边的环境并不融合，但随着时间的推移，该建筑开始与城市融合，直至彻底被同化到整座城市的影像中。比雷埃夫斯塔由两部分构成，它们仍然静静地矗立着。事实上，这些看似与城市不相称的“游客”，在某种意义上来说却是这个城市真正的居民，是这座城市能量、经济和文化生活的聚焦点。在这个多功能塔中包含了办公空间、建筑师通过突出塔楼和矮墙的体块，对于一系列小体块进行了清晰的规划。建筑师建议立面的设计通过对单体建筑立面的修改来完成的。建筑的外部幕墙为典型的工作场所、相关的交通空间和内部的公共空间提供了有效的阴影遮挡。建筑幕墙以可移动的双层折板构成，可移动到建筑的内部空间中。当幕墙移动到建筑外部时，可以为室内空间创造一种通透的空间环境，使这座建筑的内部空间能够与城市形成一种积极的对话和呼应。


COMPOSITE FACADE
A
B
C
D
CORIAN SCREEN LAYER
A
B
C
D
CURTAIN WALL LAYER
A
B
C
D
FACADE TYPE vs USE
FIXED CURTAINWALL
OPERABLE CORIAN SCREEN
A
RESTAURANT AND VIEWING TERRACE
OPERABLE CURTAINWALL
FIXED CORIAN SCREEN
B
TYPICAL OFFICE FLOOR
FIXED CURTAINWALL
OPERABLE CORIAN SCREEN
C
SPECIAL FUNCTION FLOOR/ CULTURAL SPACE
FIXED CURTAINWALL
FIXED CORIAN SCREEN
D
RETAIL
DECK AMENITIES LEVEL

HOPS
PIRAEUS SHOPS