

Atlas of World Architecture

新世纪建筑地图

《新世纪建筑地图》编写组 编 常文心 鄢格 译



辽宁科学技术出版社

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图书在版编目 (C I P) 数据

新世纪建筑地图 / 《新世纪建筑地图》编写组编;
常文心, 鄢格译. -- 沈阳: 辽宁科学技术出版社,
2011.6

ISBN 978-7-5381-6586-9

I. ①新… II. ①新… ②常… ③鄢… III. ①建筑设
计—世界—图集 IV. ①TU206

中国版本图书馆CIP数据核字 (2011) 第010816号

出版发行: 辽宁科学技术出版社

(地址: 沈阳市和平区十一纬路29号 邮编: 110003)

印刷者: 利丰雅高印刷 (深圳) 有限公司

经销者: 各地新华书店

幅面尺寸: 240mm × 330mm

印 张: 64

插 页: 4

字 数: 80千字

印 数: 1~2500

出版时间: 2011年 6月第 1 版

印刷时间: 2011年 6月第 1 次印刷

责任编辑: 陈慈良 吴 杨

封面设计: 吴 杨

版式设计: 吴 杨

责任校对: 周 文

书 号: ISBN 978-7-5381-6586-9

定 价: 438.00元

联系电话: 024-23284360

邮购热线: 024-23284502

E-mail: lnkjc@126.com

http://www.lnkj.com.cn

本书网址: www.lnkj.cn/uri.sh/6586

前言/Preface

当今的建筑与从前已经大不相同。一方面，新材料和新技术正在重塑建筑的设计方式。另一方面，许多建筑师和设计师正尝试以现代方式来运用传统材料和技术。在经济高速发展、社会生活多样化、环境敏感度提高的作用下，建筑设计摒弃了传统的设计风格，正朝向舒适、经济和简约美观发展。

以专业化的视角放眼全球，深度剖析建筑设计经典案例。本书精选全球6大洲50多个国家建筑设计的精品之作250个,以其不同的角度展现了设计师对其当地历史文化在建筑设计中的创新性应用。

本书为读者提供了全球最为经典的建筑设计视觉盛宴。内容涉及文化建筑、商业建筑、医疗建筑、教育建筑、办公建筑、居住建筑、酒店建筑、交通建筑、娱乐建筑、综合建筑10个类别。每个项目都配以实景图片、平面图及标注、项目信息、图注、设计理念以及材料的使用等相关信息，为读者准确详实的提供了高品质图书保证。

本书突出时效性、全球性、地域性、专业性，有助于全球的读者寻找设计灵感，了解新材料，改造旧项目，传承建筑设计的地域文化。

Buildings are now on the drawing board and they are nothing like the places we may recall from our childhood. New materials and new technologies are reshaping the way we build. At the same time, many architects and designers are also drawing upon ancient materials and building techniques but interpret them in modern ways. With the advanced development of economy and diversity of social life as well as increased sensitivity to the environment, architecture design is far from the primitive forms and styles; it is on the way to be comfortable, economical and rustically beautiful.

The book *Atlas of World Architecture*, with 250 projects selected, is a detailed and comprehensive portrayal of the best and latest architecture projects from six continents of more than fifty countries. Designers can be inspired a lot to search a balance between the overwhelmingly globalised trend and the increasingly personalised feature.

It offers readers a visual feast with the collection of world's most classic architecture projects and is categorised into ten parts, including Cultural, Commercial, Hospital, Educational, Corporate, Residential, Hotel, Transportation, Recreational and Complex architecture. Each project is illustrated with real photos, plans and a text. In addition, each geographic region is distinguished by a different colour-code. We firmly believe and hope it will serve as a source of pleasure and inspiration to all its readers.

Featured with its timeliness, globalisation, regionalisation, and professionalisation, it will help readers from all over the world to find inspiration and approach new materials and the cultural heritage.



Location of the selected projects of *Atlas of World Architecture*
《新世纪建筑地图》项目分布

1. Canada 加拿大
2. USA 美国
3. Mexico 墨西哥
4. Colombia 哥伦比亚
5. Chile 智利
6. Brazil 巴西
7. Iceland 冰岛

8. Norway 挪威
9. Finland 芬兰
10. UK 英国
11. Denmark 丹麦
12. Germany 德国
13. Poland 波兰
14. Portugal 葡萄牙

15. Spain 西班牙
16. France 法国
17. The Netherlands 荷兰
18. Luxembourg 卢森堡
19. Switzerland 瑞士
20. Italy 意大利
21. Austria 奥地利



- 22. Slovenia 斯洛文尼亚
- 23. Hungary 匈牙利
- 24. Greece 希腊
- 25. Angola 安哥拉
- 26. Libya 利比亚
- 27. Turkey 土耳其
- 28. Georgia 格鲁吉亚

- 29. Cyprus 塞浦路斯
- 30. UAE 阿联酋
- 31. India 印度
- 32. China 中国
- 33. South Korea 韩国
- 34. Japan 日本
- 35. Malaysia 马来西亚

- 36. Singapore 新加坡
- 37. Indonesia 印度尼西亚
- 38. Australia 澳大利亚

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Daytime view 日间景色

The Belleville Public Library and John M Parrott Art Gallery

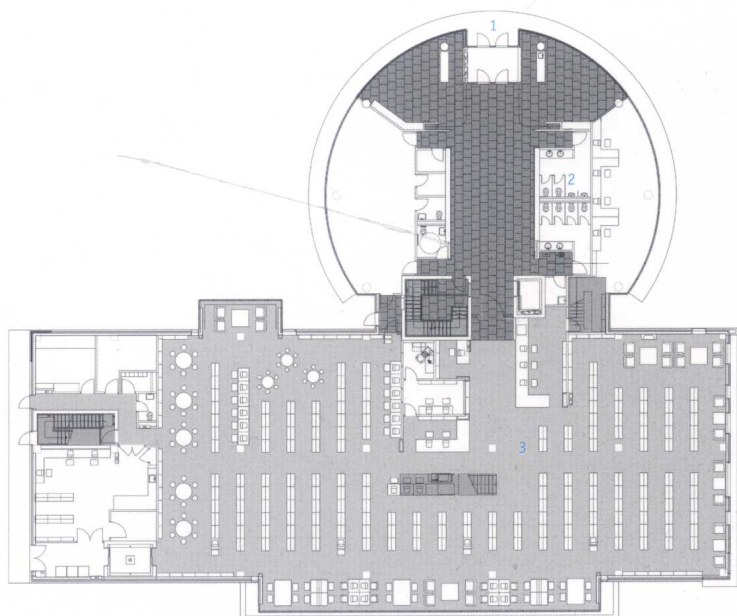
贝尔维尔公共图书馆和约翰·M·帕洛特美术馆

The new Belleville Public Library not only provides resources for research and recreation; it is also a cultural and community destination. At 38,000 sf, the building includes a library, art galleries, meeting rooms, and a café as well as a significant outdoor public space. A large plaza frames the rotunda building, welcoming people from Campbell and Pinnacle Streets.

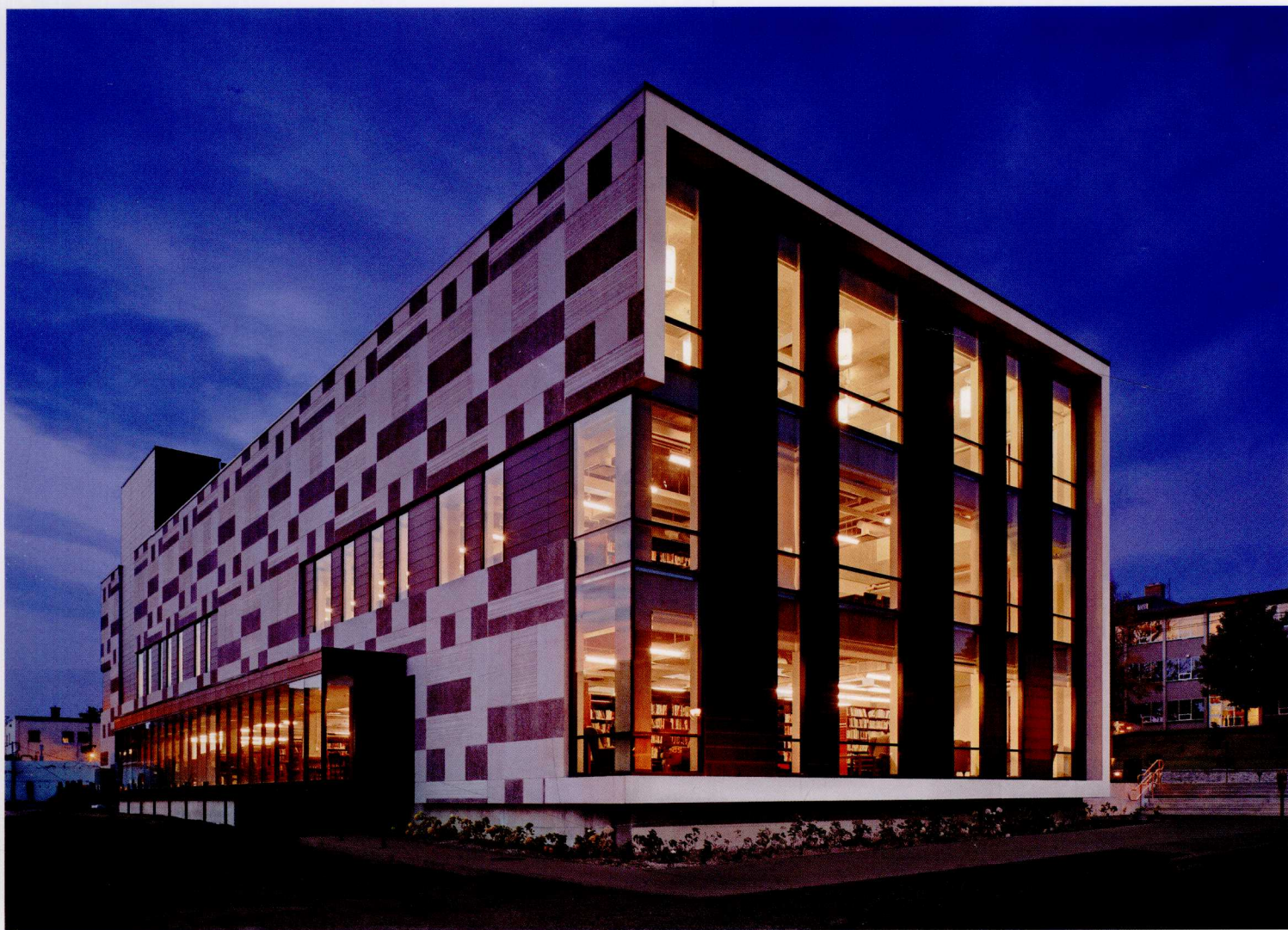
新建的贝尔维尔公共图书馆不仅为科研、消遣提供了资料，而且是一个文化交流中心。建筑总面积3,530平方米，包含图书馆、美术馆、会议室、咖啡厅以及一个优美的户外公共空间。圆形大楼的前面是一个巨大的广场，迎接来自坎贝尔大街和尖峰街的人群。

Interpretative and flexible spaces are at the heart of the architectural design of the building's programmatic elements. A rectangular element houses the galleries, library stacks, lounges and study spaces while the circular element – the rotunda – is the public hub of the library and plaza that includes the entrance, gift shop and street café. The third floor gallery entered from the rotunda connects the building activities vertically and increases the diversity of the building programme. The library provides both quiet spaces for contemplation and study as well as dynamic light-filled open spaces for other social activities.

灵活和便捷的空间是建筑设计的核心。矩形建筑内设置着美术馆、图书馆的藏书室、休息大厅和学习空间；圆形建筑内则设置着图书馆的公共大厅和入口广场（包含入口、礼品商店和街角咖啡馆）。从圆形建筑可以进入三楼的美术馆，美术馆将两个建筑连接起来，增加了建筑的多样性。图书馆提供了一个安静思考和学习空间，光线充足的公共空间十分适合社交活动。



- | | |
|-----------------|--------|
| 1. entrance | 1. 入口 |
| 2. WC | 2. 洗手间 |
| 3. reading room | 3. 阅览室 |



夜景 Night view



建筑入口 Entrance



阅览室 Reading room

Hilton Baltimore Convention Centre Hotel

The hotel is poised to play a key role in the continued success of the Pratt Street and Inner Harbour Entertainment and Convention Centre District. To take advantage of this unique position, the design team aimed to create and enhance the pedestrian experience that flows from the convention centre to Camden Yards. Civic spaces and defined urban edges are critical components to defining the area, which long lacked cohesive commercial activity and animation.

The hotel's exterior skin was designed to embody Baltimore's complex personality, hinting both backward and forward. Red brick façades wrap the building's lower floors and establish visual connection with the historic brick warehouse across the street that serves as a backdrop to the Ballpark at Camden Yards and with the traditional row houses that line the residential neighbourhoods to the west. If brick serves as a nod to the past, the metal cladding makes a more overt nod to the future, calling to mind Baltimore's industrial bulwark while offering a modern edge that relates to the sleek high-rises bordering the site.

The interior continues the sense of openness and visibility that drives the public spaces. Arranged to limit barriers between interior and exterior, the lobby and public areas provide constant but unobtrusive visual interest and activity.

希尔顿酒店

希尔顿酒店的建成对于普拉特街以及会议中心区的持续发展起到了至关重要的作用，为充分利用其地理位置优势，设计师致力于营造并强化行人体验。酒店外观设计体现了巴尔的摩市典型的综合性特色——建筑底层采用红色砖石“包裹”，与周围的古老砖石结构形成视觉连续感。如果说砖石的采用是对历史的延续，那么金属覆层则代表了对未来的向往，同时与周围的时尚高楼交相呼应。

室内设计同样突出开阔感及可视性，尤其在公共空间中更为明显地展现。为缩小室外的障碍，大厅及公共区极为通透，让人一览无余。



Details 建筑细部



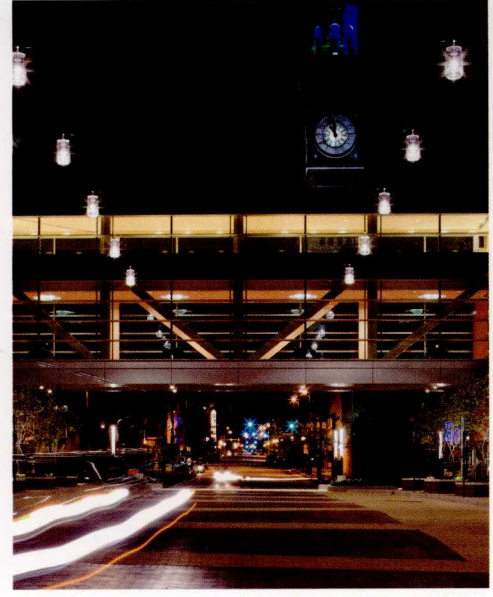
General view 全景图



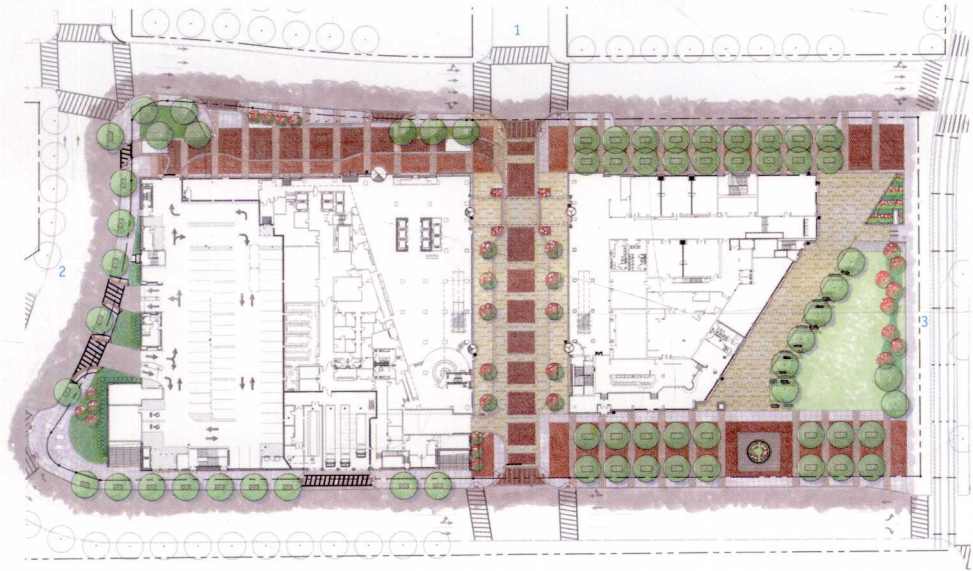
室内 Interior



大堂 Lobby



入口 Entrance



- 1. Eutaw Street
- 2. Paca Street
- 3. Howard Street

- 1. 尤托街
- 2. 帕卡街
- 3. 霍华德街



建筑景观 Landscape



通道 Passageway

Photo: RTKL / David Whitcomb

Architect: RTKL Associates Inc./Mckissack & Mckissack; Interiors: Daroff Design
 Landscape Architects: Mahan Rykiel Associates Inc.
 Lighting Design: Brandston Partnership Inc.

Hotel

Completion Date: 2008



Experimental Media and Performing Arts Centre

体验媒体与表演艺术中心

The building incorporates a wide variety of venues designed to the highest professional standards, which accommodate both the traditional performing arts and new, experimental media. Also provided are artist-in-residence studios, audiovisual production and postproduction suites, audience amenities and student and support facilities.

这一建筑内集合了不同的场馆，其设计完全符合最高专业标准，包括古老的表演中心、新建的媒体中心、艺术家工作室、影音制片室、后期制作室以及学生活动中心。

By taking advantage of the slope of the hillside site, the design solves one of the persistent challenges of performing arts projects: concealing the windowless mass of a very large hall and fly tower. This use of the topography also creates vistas over Troy towards the Hudson River, as seen from the campus approach and from major visitor spaces within the building.

建筑设计充分利用其所处地点的山坡地形，解决了长久以来一直困扰着设计师们的问题——将无窗户设计的大型空间“遮蔽”起来。巧妙地利用地形特色可以堪称完美，同时将哈德森河的美丽景致引入进来。

The entire north façade of the building is a glass curtain wall, providing transparency between the EMPAC interior and the city of Troy. The glass wall allows daylight to flood the atrium, augmented by a halo skylight around the top of the concert hall that washes the cedar hull with the changing light of the day. By night, the wood hull is lit up from within the building and creates an iconic external identity that can be seen from distance.

建筑北立面完全采用玻璃材质打造，在室内和特洛伊城之间建立了一道无形的屏障与纽带。光线透过玻璃涌入到中庭处，经由音乐大厅顶部周围的天井之后照射到木质表皮处。夜晚，木质外壳在灯光的照耀下格外吸引眼球，使得整幢建筑如同灯塔一般。



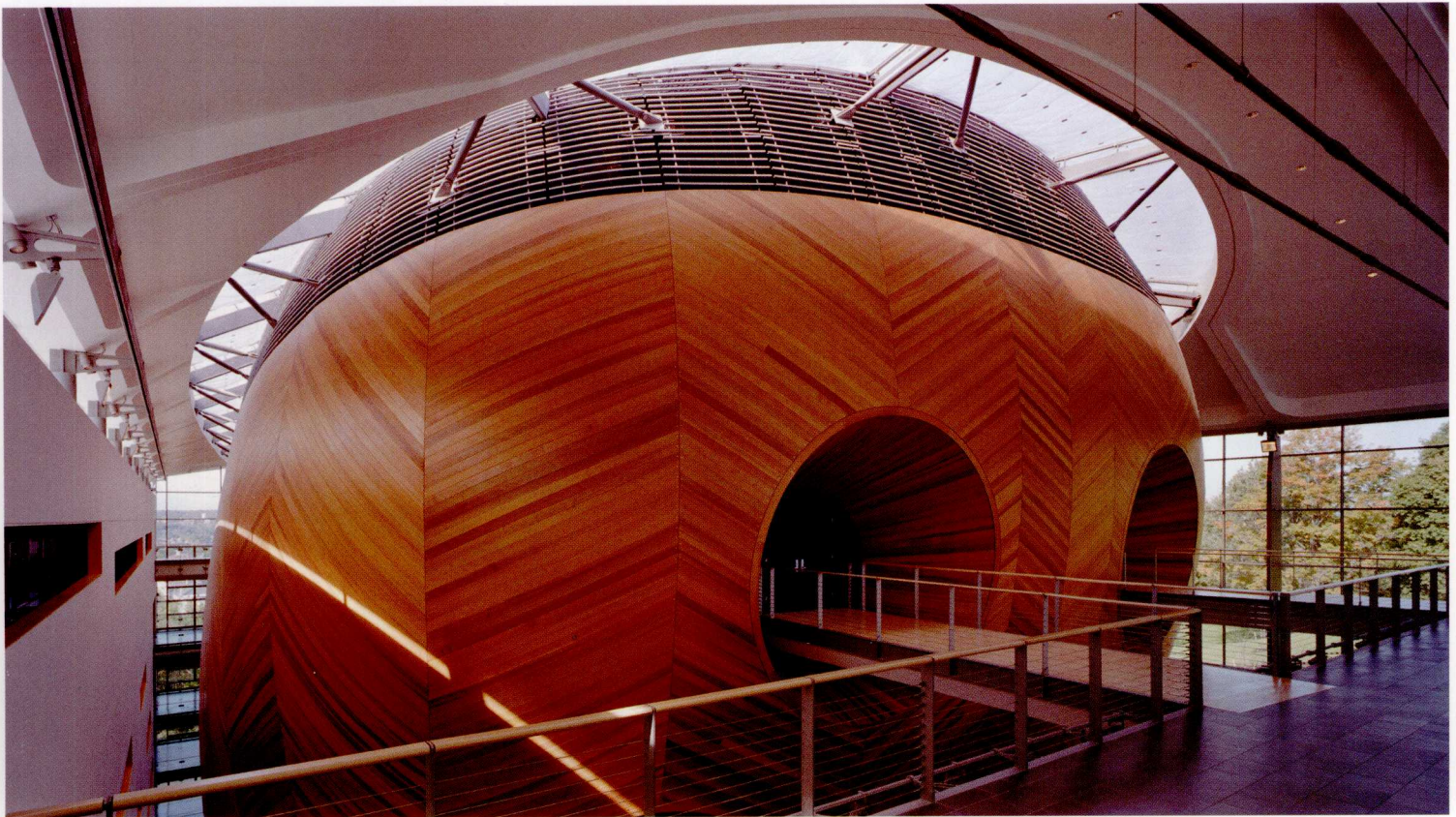
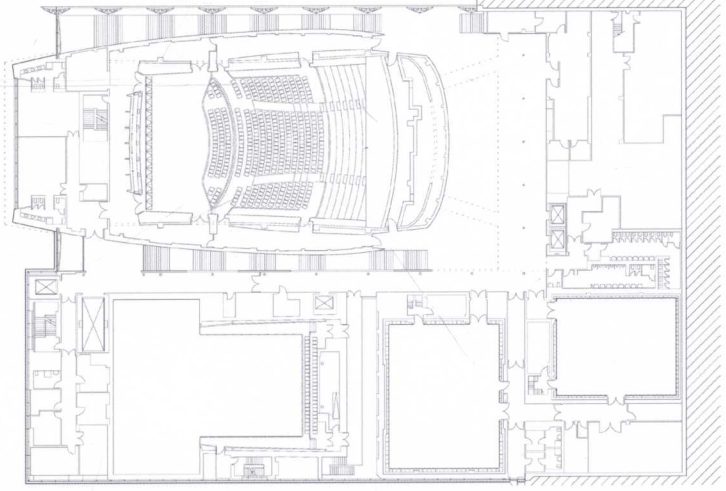
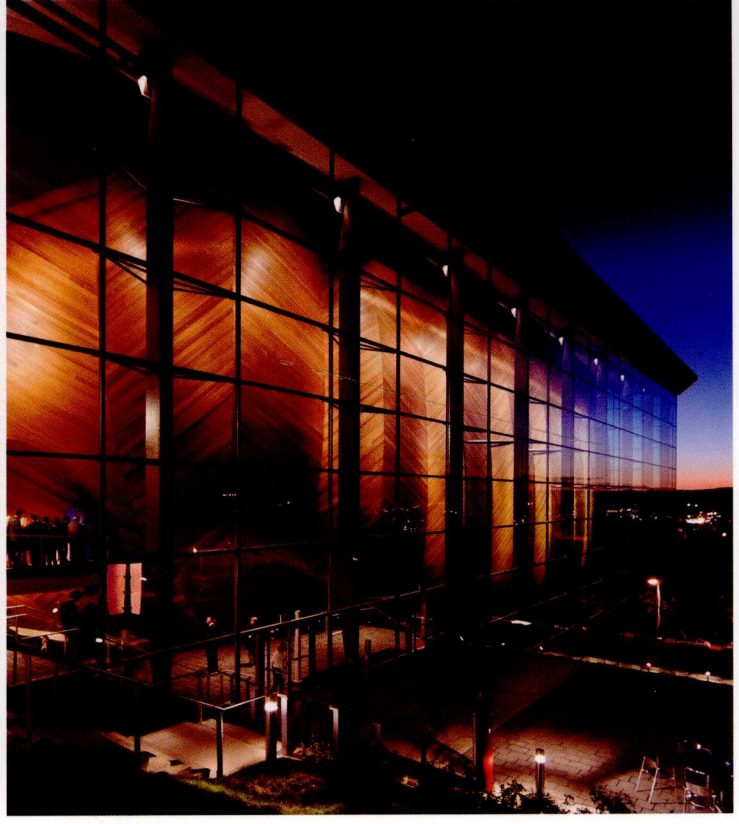
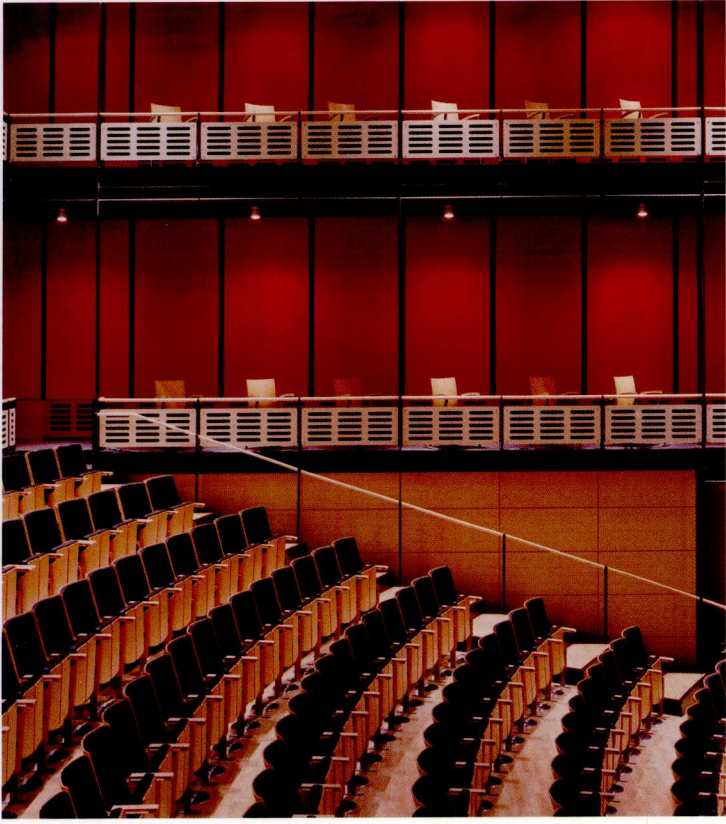


Photo: Aaron Esto, Paul Rivera

Cultural

Completion Date: 2008

Architect: Grimshaw Architects



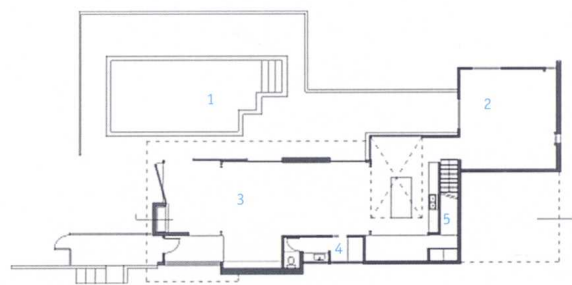
General view 建筑外观

Evans House

Here is a residential building designed by Bittoni Design Studio (architects Mark Bittoni, Ross Jeffries and Salomé Reeves). This project is actually a redesign of a private residence located in the Crestwood Hills, near Los Angeles. This house has a special site, located on the hill with a panoramic view all around. Inside the house there is also a luxurious interior, spacious rooms, large windows, polished floors, comfortable beds, swimming pool and kitchen and adequate dining room. It is correct to say that this house is a real dream.

埃文斯别墅

埃文斯别墅由一幢私人住宅重新改造而来，位于克雷斯特伍德山区，洛杉矶附近。别墅所处地理位置独特，环绕于壮丽的景致中。住宅内部彰显奢华——宽阔的房间、高大的窗户、抛光地面、舒适大床、游泳池、厨房及餐厅无一不展现着主题。这里真的可以称为“梦幻之家”！



- | | |
|----------------|--------|
| 1. entrance | 1. 入口 |
| 2. kitchen | 2. 厨房 |
| 3. living room | 3. 客厅 |
| 4. toilet | 4. 洗手间 |
| 5. staircase | 5. 楼梯 |



Exterior 建筑外观



起居室 Living room



厨房 Kitchen



窗外和厨房 Outdoor view and kitchen

Photo: Bittomi Design Studio

Residential

Completion Date: 2009

Architect: Bittomi Design Studio

20th Street Offices

Environmental sensitivity went into all aspects of the design and construction of the 20th Street Offices. The initial concept began with an open linear tube-like form sitting atop a series of moment frames. This concept allowed the occupiable space to be lifted above the at-grade parking, maximising opportunities for open green space, natural ventilation and daylight. With the open ends oriented to the east and west, the natural flow of air coming off the Pacific Ocean circulates through the tube, maximising fresh air and minimising the need for mechanical systems. The building envelope of the tube element consists of custom-designed diamond-patterned cladding, fabricated out of sheet metal. This cladding combined with recycled content insulation of high R-values, minimises heat gain and puts less stress on the mechanical systems as well.

Broken up into different multifunctional spaces the building allows occupants, visitors and clients to congregate for discussions and events, hold visual presentations, share a meal, watch a film or even hold a yoga class on the green roof. The 20th Street Offices strives to create a lifestyle, an office culture and a connection to the community synonymous with its environmentally conscious informed design. The building functions as a laboratory and gallery to explore ideas, test products, promote green initiatives and market "building responsibly" to its clients and the surrounding community.

20号街办公

环保理念贯穿设计及建筑的各个方面。最初的理念是打造一个开放式管状结构，并通过一系列柱状结构支撑，使其脱离地面，以便预留出更多的绿色空间，同时增强自然通风及光照。整个结构东西两侧开敞，来自太平洋的凉爽空气便可通过所有空间。建筑表面采用专门设计的钻石形状覆层（由金属片铸造而成）包裹，加之高性能可回收绝缘材料，极大地减少了热能吸收，进而减轻了机械系统的负担。

整个空间被分割成不同的多功能区，方便员工及来访者相互交流以及娱乐休闲。可以说，20号街办公营造了一种全新的生活方式——独特的办公文化。这里更是一个实验室或画室，让客户尽情探索，并将环保理念传达出去。

