

# 景观细部元素设计

## 构筑物

ThinkArchit工作室 主编

DESIGN OF  
LANDSCAPE  
DETAIL  
ELEMENTS  
STRUCTURES



华中科技大学出版社

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# DESIGN OF LANDSCAPE DETAIL ELEMENTS 构筑物 STRUCTURES 景观细部元素设计

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前言

# PREFACE

构筑物是环境景观的重要组成部分。优秀的景观构筑物，不仅能折射出所在地区的历史文化，而且在融入一些现代元素之后能够成为当地的标志性景观。

本书在全球范围内选取了 60 个具有代表性的景观构筑物作品。它们有的注重细节，将艺术与景观完美结合，激发人们无限的想象力；有的从自身结构和形式上展现了当地的百年历史，唤起人们对一个时代的美好回忆；有的与周围环境融为一体，新颖别致，富有内涵；有的因地制宜，源于对原有废弃结构的改造，不仅节约和有效利用了资源，而且集休闲娱乐、改善生态环境等功能于一体。每个作品都有详尽的设计说明，并配以设计图和实景图，完整地展示了设计理念和设计过程。

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|                                                     |     |
|-----------------------------------------------------|-----|
| 老虎与乌龟——魔力之山 Tiger & Turtle—Magic Mountain           | 8   |
| 冬季花园景墙 Wintergarden Façade                          | 14  |
| 歌唱之树 Singing Ringing Tree                           | 20  |
| 山顶的“骨架” Arteologie                                  | 26  |
| “登陆”庭院 Landfall                                     | 30  |
| 蒂沃利公园内的城市雕塑 Urban Sculpture in Ljbljana Tivoli Park | 34  |
| 溢流庭院 Overflowing                                    | 38  |
| 银装素裹的“树” Frozen Trees                               | 42  |
| 延续的土地 Common Ground                                 | 48  |
| 红杉林 Sequoia                                         | 52  |
| 浴火重生的 300 棵树 Fire and 300 Trees                     | 56  |
| 沙滩花园 Baywatch                                       | 60  |
| 圣坛之园 Altar Ego                                      | 64  |
| 弗洛麦利斯的烈士陵园 Fromelles Memorial                       | 68  |
| 风之桅杆 Bull Ring Wind Wands                           | 72  |
| 吉霍 - 德科里亚水塔 Water Tower in Guijo de Coria           | 74  |
| 空中楼阁 Castles in the Air                             | 78  |
| 海湾“高树花园” Gardens by the Bay                         | 80  |
| 挪威奥兰德海峡湾观景台 Aurland Lookout                         | 88  |
| 森林中的阶梯 Forest Stair                                 | 92  |
| 索尔贝里观景台 Sohlbergplassen Viewpoint                   | 96  |
| 水上公园 Floating Park                                  | 102 |
| 海滨木栈道 Estación Infiernillo                          | 106 |
| 马尔皮卡海港 Harbour Remodelling - Malpica                | 110 |
| 地平线之园 Horizon                                       | 114 |
| 庭院狂想曲 Fandango                                      | 116 |
| 竹之翼 Bamboo Wing                                     | 120 |
| 风与水之屋 wNw Bar                                       | 126 |
| 风与水之咖啡馆 wNw Cafe                                    | 130 |
| 阿姆斯特丹霍尔街广场 Van Beuningenplein Amsterdam             | 134 |

# 目 录

# CONTENTS

|                                                                |     |
|----------------------------------------------------------------|-----|
| 花形廊架 Fresh Flowers                                             | 140 |
| 360° 杂货亭 360° Kiosks                                           | 146 |
| 松树林中的小教堂 Lost Pines Chapel                                     | 150 |
| 阿尔萨斯平原上的小屋 Tournier Autour du Ried                             | 156 |
| 移动蜗居 Shelter byGG                                              | 162 |
| 旋转花园 To Spin a Yard                                            | 166 |
| 玻璃绿屋 The Glass Bubble                                          | 170 |
| 【C】景观亭 [C] Space Pavilion                                      | 174 |
| 智慧之城 La Ville Intelligente                                     | 182 |
| 梨花女子大学 Ewha Woman's University                                 | 186 |
| 城市码头广场 Urban Dock LaLaport Toyosu                              | 192 |
| 光影步道 Promenade of Light                                        | 198 |
| 亨克煤炭广场 Genk C-mine                                             | 202 |
| 阿姆斯特丹社区公园 Potgieterstraat                                      | 208 |
| 洪讷逊德社交中心 Hundsund Community Centre                             | 212 |
| 安妮特·托默森广场 Annette Thommessen Square                            | 218 |
| 阿克西斯医院 AHUS Hospital                                           | 222 |
| 卢森堡阿尔泽特河畔埃施景观重建 LUX – Landscape Design in Esch-sur-Alzette(LU) | 226 |
| 多洛米蒂山小镇景观改造 FUZI                                               | 232 |
| 阿尔梅里亚公园 Park in Almería                                        | 236 |
| 圣莫尼卡购物中心 Santa Monica Place                                    | 246 |
| 加林德斯路堤和帕乌·卡萨尔斯广场 Galindez Slope and Pau Casals Square          | 254 |
| 三维跑道 3D Athletics Track                                        | 260 |
| 索尔伯格公园 Solberg Tower & Park                                    | 266 |
| 诺布尔·雷米克斯公寓广场 Noble Remix                                       | 274 |
| 蛇形自然步道 Double Serpent Nature Walk                              | 278 |
| 白莲泾世博公园 Bailianjing Expo Park                                  | 282 |
| 车站 Tram Stop                                                   | 288 |
| 神户火山口之湖 Crater Lake                                            | 294 |
| 格列佛长桌 Gulliver Table                                           | 298 |

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|                                                     |     |
|-----------------------------------------------------|-----|
| 老虎与乌龟——魔力之山 Tiger & Turtle—Magic Mountain           | 8   |
| 冬季花园景墙 Wintergarden Façade                          | 14  |
| 歌唱之树 Singing Ringing Tree                           | 20  |
| 山顶的“骨架” Arteologie                                  | 26  |
| “登陆”庭院 Landfall                                     | 30  |
| 蒂沃利公园内的城市雕塑 Urban Sculpture in Ljbljana Tivoli Park | 34  |
| 溢流庭院 Overflowing                                    | 38  |
| 银装素裹的“树” Frozen Trees                               | 42  |
| 延续的土地 Common Ground                                 | 48  |
| 红杉林 Sequoia                                         | 52  |
| 浴火重生的 300 棵树 Fire and 300 Trees                     | 56  |
| 沙滩花园 Baywatch                                       | 60  |
| 圣坛之园 Altar Ego                                      | 64  |
| 弗洛麦利斯的烈士陵园 Fromelles Memorial                       | 68  |
| 风之桅杆 Bull Ring Wind Wands                           | 72  |
| 吉霍 - 德科里亚水塔 Water Tower in Guijo de Coria           | 74  |
| 空中楼阁 Castles in the Air                             | 78  |
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| 挪威奥兰德海峡湾观景台 Aurland Lookout                         | 88  |
| 森林中的阶梯 Forest Stair                                 | 92  |
| 索尔贝里观景台 Sohlbergplassen Viewpoint                   | 96  |
| 水上公园 Floating Park                                  | 102 |
| 海滨木栈道 Estación Infiernillo                          | 106 |
| 马尔皮卡海港 Harbour Remodelling - Malpica                | 110 |
| 地平线之园 Horizon                                       | 114 |
| 庭院狂想曲 Fandango                                      | 116 |
| 竹之翼 Bamboo Wing                                     | 120 |
| 风与水之屋 wNw Bar                                       | 126 |
| 风与水之咖啡馆 wNw Cafe                                    | 130 |
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# CONTENTS

|                                                                |     |
|----------------------------------------------------------------|-----|
| 花形廊架 Fresh Flowers                                             | 140 |
| 360° 杂货亭 360° Kiosks                                           | 146 |
| 松树林中的小教堂 Lost Pines Chapel                                     | 150 |
| 阿尔萨斯平原上的小屋 Tournier Autour du Ried                             | 156 |
| 移动蜗居 Shelter byGG                                              | 162 |
| 旋转花园 To Spin a Yard                                            | 166 |
| 玻璃绿屋 The Glass Bubble                                          | 170 |
| 【C】景观亭 [C] Space Pavilion                                      | 174 |
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| 多洛米蒂山小镇景观改造 FUZI                                               | 232 |
| 阿尔梅里亚公园 Park in Almería                                        | 236 |
| 圣莫尼卡购物中心 Santa Monica Place                                    | 246 |
| 加林德斯路堤和帕乌·卡萨尔斯广场 Galindez Slope and Pau Casals Square          | 254 |
| 三维跑道 3D Athletics Track                                        | 260 |
| 索尔伯格公园 Solberg Tower & Park                                    | 266 |
| 诺布尔·雷米克斯公寓广场 Noble Remix                                       | 274 |
| 蛇形自然步道 Double Serpent Nature Walk                              | 278 |
| 白莲泾世博公园 Bailianjing Expo Park                                  | 282 |
| 车站 Tram Stop                                                   | 288 |
| 神户火山口之湖 Crater Lake                                            | 294 |
| 格列佛长桌 Gulliver Table                                           | 298 |





# Tiger & Turtle - Magic Mountain

老虎与乌龟——魔力之山

Project Architect / 项目设计师 :

Heike Mutter and Ulrich Genth

Design Company / 设计事务所 :

designtoproduction,  
ifb-berlin, bk2a

Location / 地点 :

Germany ( 德国 )

Photography / 摄影 :

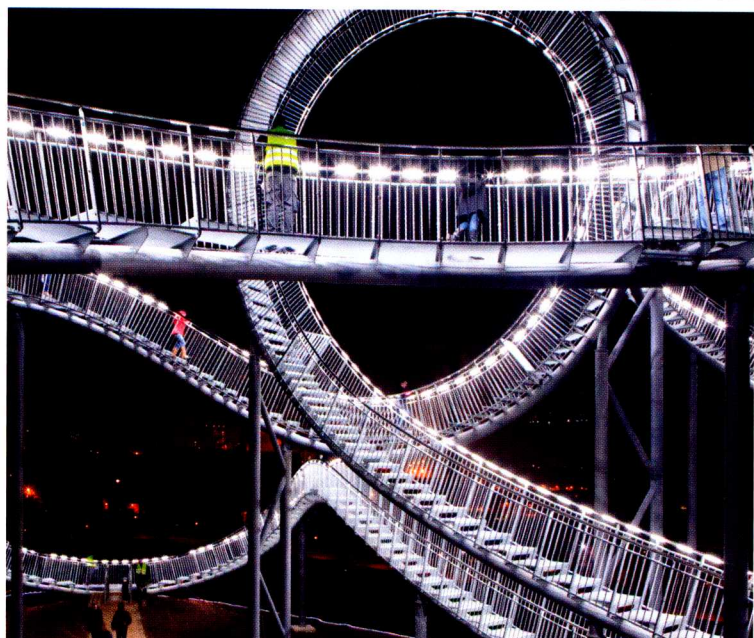
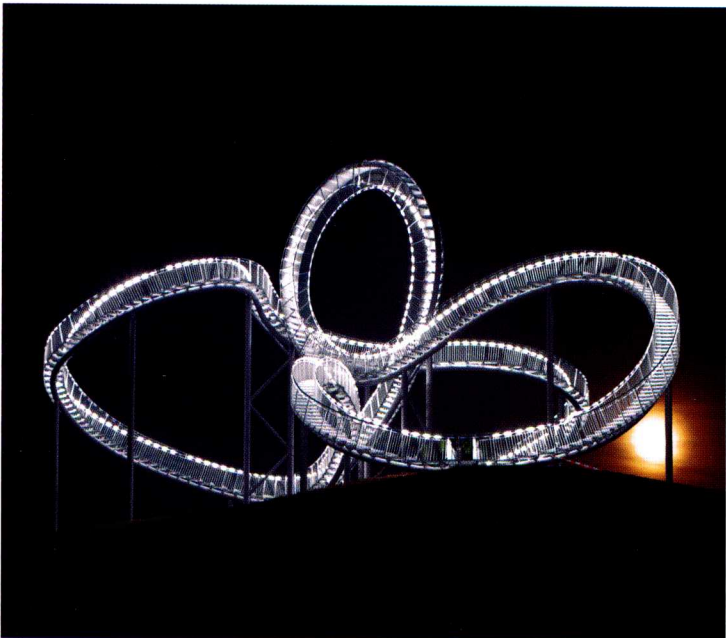
Guido Erbring, Heike Mutter  
& Ulrich Genth



Lately, the sleek curved shape of a rollercoaster highlights widely visible the highest peak of the park-like designed Heinrich Hildebrand Höhe in the South of Duisburg. The dynamic sweeps and curves of the construction inscribe themselves like a signature into the scenery and soar till the height of 21m. From a distance the metallic glossy track creates the impression of speed and exceeding acceleration. Viewed from close up, the supposed lane turns out to be a stairway which, elaborately winding, follows the course of the rollercoaster. The visitor can climb the art work on foot. Although the course describes a closed loop, it is impossible to accomplish it as the looping emerges to be a physical barrier. On top, at the highest point of the sculpture - 45 m above ground - the visitor is rewarded with an extraordinary view over the landscape of the Western Ruhr.

"Tiger and Turtle" refers with its immanent dialectic of speed and deadlock to the situation of change in the region and its turn towards renaturation and restructuring. While the sculpture conveys an absurd twist regarding the inherent expectation of the image created by a rollercoaster, it reflects its own role as potential trans-regional landmark which will be inevitably pocketed as image. It counters the logic of permanent growth with an absurd-contradictory sculpture that refuses a definite interpretation.

With 44m×37m base and 21m construction height the sculpture is not only one of the largest in Germany, but also a masterpiece of engineering. Especially the draft of the stairs (developed in collaboration with Arnold Walz) consequentially and elegantly winds along the three-dimensional shape that is in every spot different and therefore harbours a so far never accomplished challenge.



该构筑物位于公园的最高点，地理位置非常醒目。其拥有富有活力的圆弧外观，这使该构筑物就像嵌入景观中的一个优美的艺术签名一般。从远处看去，富有金属光泽的轨道给人一种“速度”和“加速”的印象；走近看时，车道变成了阶梯，弯道处拥有精细的设计。游客可以徒手攀爬这座艺术品。该构筑物最高点距离山下的水平地面有45m，游客登上最高点时能够欣赏到西鲁尔区的壮观美景。

之所以将其命名为“老虎和乌龟”，是基于其对速度的辩证性的诠释，同时暗示了该地区的发展变化，以及其“复活”和“重建”的寓意。该

作品传达了一种不可言明的曲折之感，展现了过山车所能够展现出来的独特形象。它还扮演了更为重要的角色，即成为一处地标性的建筑。设计师通过不同于传统的设计思路，颠覆了人们对过山车的理解。

该项目所占地块大小为44m×37m，整座结构高度为21m，它不仅是德国同类型设计作品中最大的一个，还是一项机械设计的杰作。尤为突出的是，阶梯设计别致而又优雅，拥有立体的外观，从任何一个角度看它都别具特色，它将不可能完成的任务变为了现实。



