



ARCHITECTURE DETAIL DESIGN

建筑细部设计

澳大利亚柏涛设计咨询有限公司
深圳市朝立四方建筑设计事务所

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「深圳中信红树湾」篇 CITIC MANGROVE BAY

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FOREWORD

前 · 言

CITIC Mangrove Bay is located in Shenzhen Bay next to the golf course with great natural views. This innovative project is designed by Peddle Thorp Melbourne Asia (Shenzhen). The project conceptual design started in April, 2003 with construction completed in May 2009. Mangrove Bay attracts much attention in the architecture industry and brings influence on architecture in neighborhood; it has become a very popular coastal urban architecture style in Guangdong Province. This project has won prizes from Shenzhen Urban Planning Bureau, Guangdong Engineering Geotechnical Survey and Design Association, China Exploration and Design Association and China State Construction Engineering Corp. and other corporations.

The success of CITIC Mangrove Bay is due to the innovative spirit from the design team and the attention to the details. The building types in Mangrove Bay include high-rise residential apartments, multi-floor townhomes, and one high-rise serviced apartment. Support facilities include a modern style club, kindergarten and a landscaped underground car park.

For the above buildings, much research was undertaken for the detailed design. For example, research was undertaken for the design of the apartment 1st floor, the entrance lobby and roof decorative frame structure. In the design of the club house and kindergarten, the research was mainly on the detailing design and implementation of the glass curtain wall. Information on the details is valuable and to keep this information and pass them to other designers, Peddle Thorp has collected all related information and made them into the book.

This is the architecture detailing design album for CITIC Mangrove Bay Project. The purpose of this book is for every designer's reference. We apologize for making the book in a rush and please feel free to give us your suggestion.

中信红树湾工程项目地处滨海城美丽的深圳湾，毗邻高尔夫球场，自然环境优越。具有创新精神的中信红树湾项目的建成，是澳大利亚柏涛公司的建筑师们努力追求设计精品的结果。该项目的概念设计始于2003年4月，并于2009年5月竣工。项目建成后备受建筑界广泛关注，对周边建筑的建设亦产生一定的影响，并一度在广东沿海地区掀起了一股滨海城市建筑风格的热潮。该项目经历多次项目评选，曾先后获得深圳市规划局、广东省工程勘察设计行业协会、中国勘察设计协会及中国建筑工程总公司等单位的嘉奖。

中信红树湾项目的完满建成，归功于建筑师追求精品的创新精神及对建筑细部的精心设计。中信红树湾小区内居住建筑形态为：高层住宅、多层联排别墅(Townhome)和一座高级高层公寓。公共建筑分别为：现代化建筑会所、幼儿园及生态地下车库。

围绕上述各类建筑我们做了大量的相关建筑详图设计，在各类建筑详图中，着重搜集了主要的建筑细部，如住宅及公寓架空层及入户大堂的设计、屋顶的装饰构架等建筑细部设计；在会所及幼儿园方面，我们重点搜集了玻璃幕墙在不同部位的应用及其细部设计。每座建筑的细部资料都是很宝贵的，为使这些资料不致流失，并为其今后的优化和发展创造条件，柏涛公司特别搜集整理这些细部设计资料并最后汇编成册。

本书是中信红树湾项目的建筑细部汇编，望能给建筑设计者起到参考作用。由于汇编资料的时间较仓促，书中不足之处有所难免，望广大读者能予批评指正。

PREFACE

代 · 序

Assuming that Architecture assists communication between humans and nature, CITIC Mangrove Bay is a great expression of the coastal environment. Mangrove Bay is nicely located in exclusive Shenzhen Bay. To the east is a 50,000m² Central Coastal Park and OCT Bay, to the south is a 15km Coastal Sightseeing Corridor, to the west is a Golf Course and to the north is the OCT region. CITIC Mangrove Bay has a 360° view of the Shenzhen Bay coastal region and is built on the basis of the protection of sustainability and the natural environment. The architecture perfectly matches nature and expresses the architecture philosophy which is "Architecture is secondary, Environment is necessary". Mangrove Bay has become a landmark of coastal architecture design and a model of innovation for the future.

From an initial trip to Australia, to visit international coastal areas, from a site-visit by helicopter to the construction of a 15-meter tall platform for observation, all efforts aimed to help us to realize that the development of this site could be meaningful for the future of Shenzhen. The townhomes on East Shahe Rd. are low in height and density to match the Shahe Golf Course and to create a comfortable life-style in the city. The dominant tone of the architecture is black, white and gray. The super large indoor area with 270° arc-shaped balconies offers grand views and demonstrates the best Melbourne Architecture spirit. The L-shape and Z-shape architectural layout means that every unit can enjoy the best view. This is not only an innovation in architecture design; it also maximizes the value of the site. The architecture is located in China but with a unique international style. CITIC Mangrove Bay was completed in 8 phases; every phase was delivered with exclusive service and best quality. The outcome is beyond expectations.

Mangrove bay attracts residents with international vision who desire a smart life-style. People can really enjoy the coastal life-style by living here in the natural environment. CITIC Mangrove Bay is a place made from an innovative design concept and also a place that demonstrates the respect to humans and nature in the city.

CITIC Mangrove Bay Property Development Co., Ltd

如果建筑是人与自然的对话，那么中信红树湾无疑就是湾区语境下最好的语言表达。地处代言国际滨海城市深圳的国际级“深圳湾”，东面紧临50000m²的滨海城市中央公园及欢乐海岸旅游景观带，南面为15km的滨海景观长廊，西面双拥无遮挡一线沙河、名商高尔夫全景，而北面还绵延错落着华侨城历时20年精心打造的城市人文旅游景观……游遍世界湾区，让您惊叹的不仅是360°稀缺湾区资源景观，还有中信红树湾不妄自摧毁自然、用建筑谨慎地和自然进行深层对话，极致诠释“以建筑为辅，以环境为主”的哲学智慧。藉于此，这座建筑必将成为世界湾区史上一曲绝版的永恒乐章。其地位和价值不仅不会随着岁月蹉跎而褪去，还必将随着时代洗礼而更加历久弥坚。

从远赴澳洲考察，到国际湾区巡礼；从采用直升飞机凌空看地，到荒土之上搭建15m高的观景平台……所做的一切都是为了更深刻地认识这块土地的价值、思考这块土地对于深圳未来贡献的价值意义。沿沙河东路排列的低密度低层联排别墅(Townhome)，是为了与沙河高尔夫相呼应，营造出更为舒适的城市界面；黑白灰通透的建筑立面，搭配超大室内空间和270°弧形景观大露台，是墨尔本建筑精髓的升华之作，让滨海城市丰沛的海景、阳光、绿植、清风与室内共融交流；L形、Z形的建筑形态，斜列41°的布局形式，开创性地满足了户户拥有稀缺无敌景观的奢想，使地块价值最大化。岭南风格的园林与简洁明快的建筑以邻里的方式交流相融，展现了既东方又国际的湾区精神，呈现出一个中国的“世界湾区”。在如今众多大盘开发均感叹在长周期持续分期开发中难以避免风格思路偏差或割裂零碎的背景下，今天的中信红树湾虽历经八年的分期开发，但定位之初极具高瞻远瞩的“湾区物业比肩全球”的策略却被完整传承、贯彻至今；每一期产品都要树立市场标杆，都要领跑市场，每一期产品的创新还得自己打破自己的历史纪录，这种左右手相互博弈的成功不能不说又是个奇迹……也许，正是因为这些，中信红树湾不仅在“湾区”的中国首创了“湾区物业”，而且成功地凝聚并催生了一个新的权贵阶层——代表最新国际思潮，领先居住的“湾里人”；是中信红树湾让这一群有着共同气质和品位的高素质成功人士在这里驻足、汇聚、向上、发展，构建并丰富属于他们的“湾居生活时代”。

放眼滨海湾畔，一片简洁挺拔的滨海建筑群恢弘地屹立在苍穹大海之间。任凭风起云涌，海湾、高尔夫、城市的璀璨景观都与中信红树湾浑然一体，体现出一种大气以及开放的湾区先锋精神。我想，也许正是因为这种对建筑本质的理解、对人与自然的尊重，才成就了今天的中信红树湾，诠释了何谓专业和经典。

深圳市中信红树湾房地产有限公司

CONTENTS

目 · 录

PART 1

OVERVIEW 概况

1.1 MASTER PLAN 总体规划

- 1.1.1 Bird's-eye view / 规划鸟瞰图
- 1.1.2 Planning Introduction / 规划简介

PART 2

BUILDINGS AND FACILITIES FOR PUBLIC FUNCTION 公建及公共设施

2.1 COMMUNITY EXIT/ENTRANCE 小区出入口

- 2.1.1 Exit/Entrance Plan and Elevation / 出入口平面、立面
- 2.1.2 Guard House / 岗亭
- 2.1.3 Exit/Entrance Sign and Enclosing Wall / 出入口标志及围墙

2.2 PLAZA 公众休息平台

- 2.2.1 Club 2nd Floor Outdoor Plaza / 会所二层平台大板
- 2.2.2 Plaza Railing / 平台栏杆
- 2.2.3 Plaza Stair / 平台楼梯
- 2.2.4 Plaza Light Well and Landscape Tree Box / 平台采光井及景观树池

2.3 STEEL BRIDGE 钢桥

- 2.3.1 Steel Bridge Plan, Section and Railing / 钢桥平面、剖面及栏杆

2.4 TOWNHOME (T2, T3) PUBLIC ELEVATOR LOBBY 联排别墅 (T2、T3) 公用电梯厅

- 2.4.1 Public Elevator Lobby Plans and Elevations / 公用电梯厅平面、立面
- 2.4.2 Public Elevator Lobby Section / 公用电梯厅剖面
- 2.4.3 Public Elevator Lobby Detailing / 公用电梯厅详图

2.5 CLUB 会所

- 2.5.1 Elevation and Plan / 会所立面、平面
- 2.5.2 1st Floor Entrance and External Corridor / 会所一层入口及外走廊
- 2.5.3 2nd Floor Entrance and The Corridor / 会所二层入口及连廊
- 2.5.4 2nd Floor Plaza / 会所二层休息平台
- 2.5.5 Entrance Hall and Glass Curtain Wall / 会所入口大厅及玻璃幕墙
- 2.5.6 Entrance Hall and Glass Curtain Wall Detailing / 会所入口大厅及玻璃幕墙详图
- 2.5.7 Entrance Hall Curved Stair / 会所入口大厅弧形楼梯
- 2.5.8 #1 Stair Glass Curtain Wall / 会所 1# 楼梯间玻璃幕墙
- 2.5.9 #1 Stair Glass Curtain Wall Detailing / 会所 1# 楼梯间玻璃幕墙详图
- 2.5.10 #2 Stair Glass Curtain Wall / 会所 2# 楼梯间玻璃幕墙
- 2.5.11 #2 Stair Glass Curtain Wall Detailing / 会所 2# 楼梯间玻璃幕墙详图
- 2.5.12 Glass Curtain Wall 1 / 会所玻璃幕墙 1
- 2.5.13 Glass Curtain Wall 2 / 会所玻璃幕墙 2
- 2.5.14 Glass Curtain Wall Detailing 1 / 会所玻璃幕墙详图 1
- 2.5.15 Glass Curtain Wall 3 / 会所玻璃幕墙详图 3
- 2.5.16 Glass Curtain Wall Detailing 2 / 会所玻璃幕墙详图 2
- 2.5.17 Glass Curtain Wall Detailing 3 / 会所玻璃幕墙详图 3
- 2.5.18 Metal Roofing / 会所金属屋面
- 2.5.19 Architectural Decorative Steel Frames / 会所型钢装饰构架
- 2.5.20 Architectural Decorative Steel Frame Detailing / 会所型钢装饰构架详图
- 2.5.21 Architectural Decorative Copper Frames / 会所铜板装饰构架
- 2.5.22 Sandstone Facade and Exterior Coating / 会所砂岩板外墙及外墙涂料
- 2.5.23 Underground Badminton Court / 会所地下羽毛球场

2.6 KINDERGARTEN 幼儿园

- 2.6.1 Site Plan and Floor Plans / 幼儿园总平面及各层平面
- 2.6.2 Elevations / 幼儿园立面
- 2.6.3 Partial Elevation, Section and Detailing for the Cone / 幼儿园圆锥体局部立面、剖面及详图
- 2.6.4 Media Room Skylight at Roof / 幼儿园音乐室屋顶采光窗
- 2.6.5 PlayRoom Curtain Wall Detailing / 幼儿园活动室局部幕墙详图
- 2.6.6 External Aluminum Louvers / 幼儿园外挂铝板百叶
- 2.6.7 #1 Stair Glass Curtain Wall / 幼儿园 1# 楼梯玻璃幕墙
- 2.6.8 #2 Stair Glass Curtain Wall / 幼儿园 2# 楼梯玻璃幕墙
- 2.6.9 Stair Glass Curtain Wall Detailing 1 / 幼儿园楼梯玻璃幕墙详图 1
- 2.6.10 Stair Glass Curtain Wall Detailing 2 / 幼儿园楼梯玻璃幕墙详图 2
- 2.6.11 #3 Outdoor Stair / 幼儿园 3# 室外楼梯
- 2.6.12 Roof Flower Trellises and Sun Shading / 幼儿园屋顶花架及遮阳板

CONTENTS

目 · 录

2.7 ECOLOGICAL UNDERGROUND GARAGE 生态地库

- 2.7.1 Design Introduction and Plan / 生态地库设计简介及平面
- 2.7.2 Landscape, Natural Ventilation and Lighting 1 / 汽车库内绿化及自然通风采光 1
- 2.7.3 Landscape, Natural Ventilation and Lighting 2 / 汽车库内绿化及自然通风采光 2
- 2.7.4 Landscape, Natural Ventilation and Lighting 3 / 汽车库内绿化及自然通风采光 3
- 2.7.5 Landscape, Natural Ventilation and Lighting 4 / 汽车库内绿化及自然通风采光 4
- 2.7.6 Landscape, Natural Ventilation and Lighting 5 / 汽车库内绿化及自然通风采光 5
- 2.7.7 Flower Trellis above Car Ramp / 汽车坡道上空花架

PART 3 TOWNHOME 联排别墅

3. TOWNHOME 联排别墅

- 3.01 Design Introduction and Site Plan / 联排别墅设计简介及总平面
- 3.02 T2(T3) / 联排别墅 T2(T3)
- 3.03 Master Bedroom / 联排别墅主卧
- 3.04 Main BR Composite Steel Roofing and Curtain Wall Detailing / 联排别墅主卧夹芯钢板屋面及幕墙详图
- 3.05 Living Room and Its Curtain Wall Detailing / 联排别墅客厅及幕墙详图
- 3.06 Indoor Stair / 联排别墅户内楼梯
- 3.07 Balcony Railing / 联排别墅阳台栏杆
- 3.08 Balcony Railing Details / 联排别墅阳台栏杆详图
- 3.09 Inner Courtyard Section and Exterior Wall Louvers / 联排别墅内庭院剖面及外墙百叶
- 3.10 Inner Courtyard Exterior wall Louvers and Glass Eave Detailing / 联排别墅内庭院外墙百叶及玻璃檐口详图
- 3.11 Roof Floating Panels and Exterior Wall Coating / 联排别墅屋顶飘板及外墙涂料

PART 4 SERVICED APARTMENT 公寓

4. SERVICED APARTMENT 公寓

- 4.01 Design Introduction and Site Plan / 公寓设计简介及总平面
- 4.02 1st Floor / 公寓一层架空层
- 4.03 Lobby / 公寓大堂
- 4.04 1st Floor Glass Canopy, Stone Cladding Details / 公寓一层架空层玻璃雨棚、干挂石材详图
- 4.05 Single Room Apartment 1 / 公寓一房一厅一卫 1
- 4.06 Single Room Apartment 2 / 公寓一房一厅一卫 2
- 4.07 Duplex Apartment 1 / 公寓复式 1
- 4.08 Duplex Apartment 2 / 公寓复式 2
- 4.09 28th and 29th Floor Detailing / 公寓二十八、二十九层局部详图
- 4.10 28th and 29th Floor Exterior Wall Detailing 1 / 公寓二十八、二十九层外墙详图 1
- 4.11 28th and 29th Floor Exterior Wall Detailing 2 / 公寓二十八、二十九层外墙详图 2
- 4.12 Unenclosed Elevator Lobby / 公寓开敞式电梯厅
- 4.13 Balcony Railing Details / 公寓阳台栏杆详图

PART 5 RESIDENTIAL APARTMENT 住宅

5. RESIDENTIAL APARTMENT 住宅

- 5.01 Design Introduction and Site Plan / 住宅设计简介及总平面
- 5.02 1st Floor / 住宅一层架空层
- 5.03 1st Floor Metal Louvers, Stone Cladding, Entrance Hall Glass Curtain Wall and Canopy / 住宅一层架空层金属百叶、干挂石材、大堂玻璃幕墙及入口雨棚
- 5.04 1st Floor Metal Louvers, Stone Cladding, Entrance Hall Glass Curtain Wall and Canopy Detailing / 住宅一层架空层金属百叶、干挂石材、大堂玻璃幕墙及入口雨棚详图
- 5.05 1st Floor Entrance Hall and Its Curtain Wall Detailing / 住宅架空层住户大堂及幕墙详图
- 5.06 Unenclosed Elevator Lobby / 住宅开敞式电梯厅
- 5.07 Entrance Garden / 住宅入户花园
- 5.08 Indoor Garden / 住宅户内花园
- 5.09 Balcony / 住宅阳台
- 5.10 Balcony Railing Details / 住宅阳台栏杆详图
- 5.11 External Air Conditioning Unit Location / 住宅室外空调机位
- 5.12 Duplex Apartment Steel Ladder to Roof Court / 住宅复式单元出屋面钢梯
- 5.13 Roof Floating Panels and Flower Trellises / 住宅屋顶飘板及花架
- 5.14 Roof Decorative Plates in Concrete and Lighting Boxes / 住宅屋顶砼装饰线板及灯箱
- 5.15 Parapet / 住宅屋顶女儿墙
- 5.16 Exterior Wall Coating and Stone Joints / 住宅外墙涂料及墙面分隔缝





ERT OVERVIEW

概 况