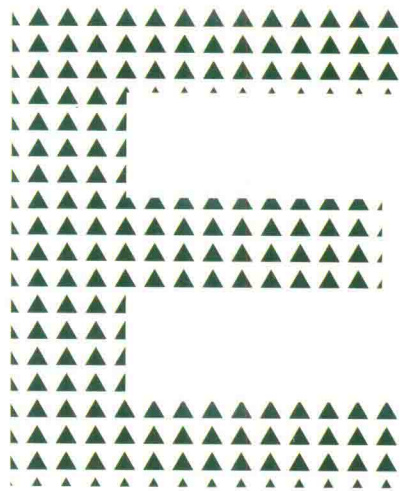
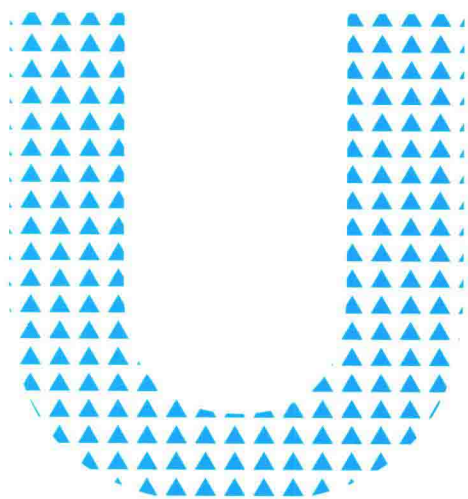




URBAN AND ECOLOGICAL
城市生态景观

TOP 100 WORLD'S LANDSCAPE
世界景观设计100强

II

佳图文化 主编





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Preface 前言

With the continuous development of the city, people's general understanding of urban ecological environment is improving all the time, so there is the strong demand for comfortable landscape. As a common landscape style, urban ecosystem landscape plays an important role in the urban space. There are several problems we should pay close attention to during the design process, such as how to coordinate the whole city space, adjust measures to local conditions, reflect the regional characteristics, etc.

All the cases in this book are outstanding representative works selected from all around the world, which introduces the features and functions of urban ecosystem landscape comprehensively from Waterfront Space, Traffic Landscape, Urban Design, Urban Square to Urban Planning. The incarnated humanistic care, life awareness, context heritage and regional characteristics behind in urban ecosystem landscape are the perfect interpretation of natural and harmonious urban space. Each well-chosen project is accompanied with exquisite drawings, pictures and informative texts, so as to present the full content with main emphasis.

As the latest professional book on urban ecosystem landscape, these cases are the outcome of perfect combination of inspiration and technology, and represent the forefront the contemporary urban ecological landscape design. With rich content, elaborate layout and innovative presentation, we believe that this book will undoubtedly bring visual enjoyment and design inspiration for landscape architects and industry-related readers.

随着城市的不断发展，人们对于城市生态环境的认识日渐觉醒，同时对舒适的景观需求也日益强烈。作为一种常见的景观形态，城市生态景观在城市空间中扮演着重要的角色，如何协调整个城市空间、做到因地制宜、体现区域特色等成为了城市生态景观设计重点关注的问题。

本书所选案例均为世界各地城市生态景观的优秀代表作。全书分别从滨水空间、交通景观、城市设计、城市广场以及城市规划等方面全方位的介绍城市生态景观的特色及功能。从不同的层面体现出城市生态景观所蕴涵的人文关怀、生命意识、文脉传承以及区域特色等，是对自然和谐的城市空间的完美诠释。书中所选案例均配有精美的技术图和实景图片，并辅以简洁、明了、详实的文字介绍，内容全面且重点突出。

作为城市生态景观的最新专业读本，本书精选的案例可谓是设计灵感的迸发与技术完美结合的成果，代表了当下城市生态景观设计的前沿理念。通过丰富的内容、精心的排版以及新颖的展示，我们相信本书定会给景观设计师及相关行业读者带来视觉享受和设计启迪。

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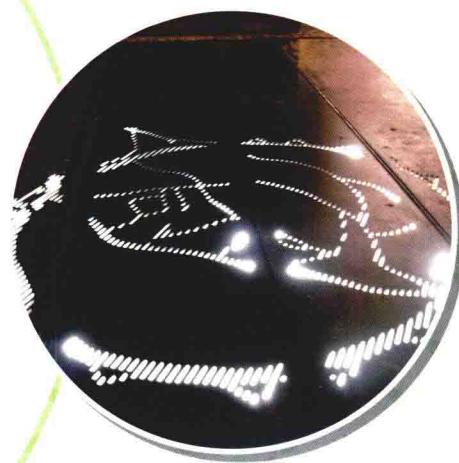
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Diversity
Intimacy
Waterfront
Special Facilities

多元性
亲近感
临水属性
特色设施



Keywords 关键词

Waterfront Platform 亲水平台

Coastal Style 滨海特征

Landscape Corridor 景观走廊

Recreational Experience 休闲体验

Location: Tweed Heads, NSW, Australia

Client: Tweed Shire Council

Team: ASPECT Studios - Landscape Architecture (lead consultant)

Cardno Grogan Richards - Civil and Structural Engineering

Tweed Shire Council - Concept Plan

McGregor Westlake - Architecture (Stage 2 Works)

Multispan Australia - Builder

Area Size: 49,000 m²

Photography: Simon Wood

项目地点: 澳大利亚南威尔士州提维德岬镇

客 户: 提维德岬镇议会

设计团队: ASPECT Studios 澳派景观设计工作室 - 景观设计顾问 / 首席顾问

Cardno Grogan Richards - 结构工程师

提维德岬镇议会 - 施工监理

McGregor Westlake - 建筑师 (二期项目)

Multispan Australia - 施工方

项目面积: 49 000 m²

摄影: Simon Wood

Jack Evans Boat Harbour

杰克埃文斯船港码头景观

Features 项目亮点

With the stepped, concrete, waterfront platform as the organizational design element, it integrates the plants and landscape resources to create an open and dynamic urban space for water experience.

整个项目以台地式预制混凝土亲水平台为主要设计元素，通过对码头潮间带植被以及景观资源的整合，打造了一个开放、动态且具有互动体验感的城市滨水空间。



总平面图



Overview

The design of Jack Evans Boat Harbour reveals the singular beauty of the ever-shifting inter-tidal zone as an inhabitable landscape. At the estuary of the Tweed River, on the border of New South Wales and Queensland, the new shoreline and aquatic recreation precinct, framed by 4.9 hectares of parkland, is intended to

provide the impetus for the critical economic revitalisation of Tweed Heads, and create a diverse, vibrant, culturally rich, recreational and tourism centerpiece for the town centre.

项目概况

杰克埃文斯船港的设计，将物种丰富、富于变化的潮间带独有的魅力展现得淋漓尽致。项目位于新南威尔士州与昆士兰州的分界线上，提维德河入海口的位置，新的海岸线和滨海休闲娱乐中心都被

规划在占地 49 000 m² 的公共绿地之内。提维德镇将本项目视为推动经济振兴的契机，试图将其打造成为一个多元化的、充满活力的，且具有丰富文化底蕴的娱乐和旅游中心。



Design Description

The primary organisational element of the design is a simple, stepped, concrete gesture that frames the harbour edge. Its modular design provides a perfect platform for this high use landscape, and offers a refined solution to a complex hydrological environment subject to tidal, river and coastal climatic pressures. The design's success lies in its creation of a place of recreation; whilst allowing the tidal nature of the river itself to create an unique and ever-changing experience of the parklands. It is this simple solution which will ensure the longevity of the Jack Evans Boat Harbour parklands as they are reduced the pressure of a growing coastal population and the much pressure of urban densification.

A series of distinct relationships with the water develop along the harbour edge—a new beach and beach deck, a new rocky headland, an “urban pier”, boardwalk, water amphitheatre, swimming areas, fishing points and opportunities for watercraft, all of these are designed to withstand frequent tidal and storm surge inundation, and to “future proof” the surrounding parklands against the effects of

climate change and sea level rise. The reshaping of the shoreline has enabled the development of an “all abilities” access ramp to the water at all tidal levels, a unique recreational opportunity for the area.

The concrete platforms, new rock revetment and timber boardwalks have been designed to minimise the natural movement of sand and maintain beaches.

The planting design has been developed in response to the variable salinity levels present on the intertidal shoreline zone, and wind exposure effects. The design retains many of the successful and significant tree specimens, and these help the new project into its context. The new revetment wall has been designed to facilitate the growth of mangroves.

Cultural gardens, an artwork “story wall” and space for public, community and performance art will showcase the regions rich local Aboriginal and European heritage. The project is the culmination of extensive indigenous and community





consultation and creates a public space conducive to increased local and visitor recreational use, whilst protecting and promoting the natural beauty and environment of the area.

The parklands have become an informal “town square”, a place for meeting,

设计说明

整个项目的主要设计元素是一个简洁的台地式亲水平台，用预制混凝土打造，环抱整个海港。运用模块化的设计方法建造的亲水平台非常适合这片游人如织的滨海景观，对于受潮汐、河流和沿海气候压力影响的复杂的水文环境来说，也是非常完美的解决方案。设计不仅成功地打造了一处优秀的休闲活动场所，同时还利用河流本身的潮汐变化，为公共绿地营造独具特色又变化万千的游览体验。正是这一简单的解决方案，缓解了沿海人口不断增长和城市日益拥挤给杰克埃文斯船港公共绿地空间带来的压力，确保其长久的繁荣。

设计师为新的海岸线提供了一系列新的亲水设施，包括一片新的沙滩、一个阳光浴平台、一座新的岩石岬角、一个“城市码头”、浮桥、水中剧场、游泳区、垂钓点和船舶馆等。建造这一系列设施的目的是为了抵御频繁的潮汐和风暴对海岸线的破坏，也是为将来有可能发生的气候变化和海平面上升做好准备。新的海岸线通过斜坡的设置，在不管发生多大的潮汐的情况下，让各种年龄段的人群都能更好地亲近大海，成为一处独特的休闲场所。同时还设置混凝土亲水平台、石块护堤、木栈道，最大限

度地降低沙子的流动，保护海滩的景观。

weekend markets, and with areas for memorials, children's play spaces and generous green banks for relaxation. Each park experience is connected by the active spine to the park and its constantly shifting revelation of the edge between land and water.

度地降低沙子的流动，保护海滩的景观。

种植设计充分考虑潮间带区域海水含盐量多变的特性以及海岸线强风的影响。设计成功地保留了许多场地原有的本土植被，让新项目很快地融入到本土环境中。新的护坡墙也成功地促进了红树林的生长。

景观走廊沿途设置不少文化花园和公众社区表演的艺术空间，还布置了一面“故事墙”，展现当地丰富的土著文化和欧洲文化遗产。该项目经过与当地土著居民和社区的深入探讨，最终创造出能满足本地居民和外来游客休闲需求的近乎完美的公共空间，同时保护并促进了该地区的美丽风光及自然环境。

整个滨海开放绿地已成为一个非正式的“城市广场”，一个可以让人们聚会交流、开办周末集市的场所，还设有纪念馆、儿童游戏空间和开阔的供人休憩放松的绿色堤岸。各项公园体验通过一条动态的活动走廊相连，并与不断变化的水陆交汇线相连接。





