



## Masterplanning Experience

The UN Habitat 'Global Report on Human Settlements – An Urbanizing World' (1996) remarked on the global trend where 'more than half the world's population will soon live in cities and urban areas'. Making our urban environments healthy and safe, culturally rich, diverse and inclusive, and environmentally sustainable, presents itself as the challenge of our generation.

The Seminal Work by Richard Rogers + Philip Gumuchdjian, 'Cities for a Small Planet', (1997), describes the city as a living organism, consuming resource and outputting waste, where post industrial culture has the opportunity to radically transform its physical environment and achieve improved living conditions and greater communication and interaction, at the same time as reducing consumption and improving sustainability.

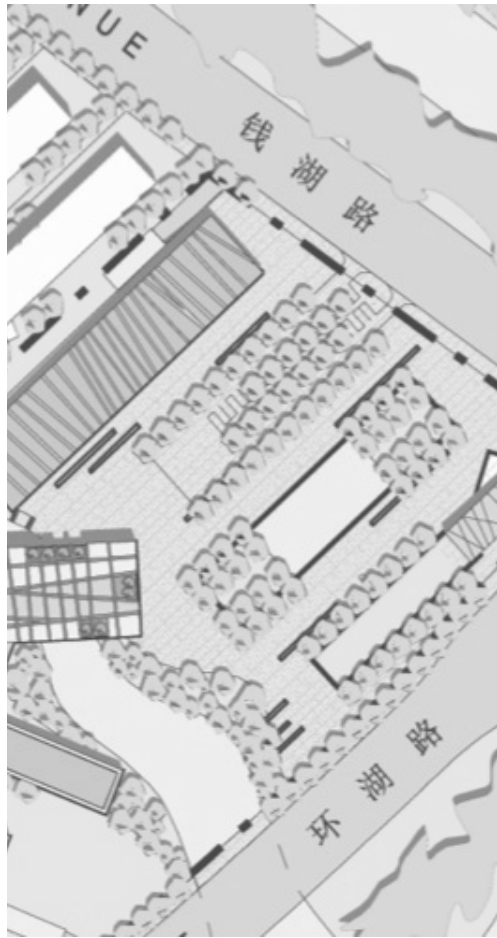
Richard's optimism is based on the spread of ecological awareness, and on improvements in communications technology and automated production. Certainly since the 1990's the spread of influence of these factors has been extraordinary.

Richard also flagged the importance of design 'metrics'; the role of 'big data' analysis to evaluate design solutions for their economic viability and sustainability performance. The advance of computer power and software capability, and its integration to the design process is a key driver of informed decision making for the future.

As the shape and form of the world's population shifts to cities, themselves driven by aspirational factors and elevated levels of choice provided by urban environments, this phenomena faces the opposite effect of an apparently ever increasing pressure on the earth's bio system: we find ourselves at a unique tipping point in how we define ourselves as inhabitants of this planet.

This tipping point is one of awareness and critical reflection. Design provides the tools to activate the changes in the worlds in which we live. Masterplanning therefore is a 'way to see the future', it is a chance to reflect and consider; a platform for high level, future oriented decision making that allows us to forego the less workable instruments of the past and focus on an optimal future.





#### Design Competencies

Economic Growth and Development – clean and sustainable technologies and high value and advanced commerce and industry, diverse and resilient employment, support for innovation, layered economy, tenant flexibility, industry clusters and support, site brand and reputation

#### Liveable Communities

Vibrant, safe and integrated mixed use precinct, distinctive and desirable 'place to be', diverse housing offers, integrated and connected community, seamless interfaces

#### Sustainability

Resource and energy consumption efficiency, reduced reliant on mechanical transport, adaptive reuse, flexibility of building stock, co-location of service clusters, water management, daylight provisions, pedestrian and cycle friendly

#### Place Making

Distinctive sense of Place, coherent character and identity, destinations, community interaction, collaboration and social cohesion, meeting and interaction, activation and security, design context and heritage

#### Design Tools

Urban Structure  
 Urban Grain  
 Density and Mix  
 Height and Massing  
 Public Realm  
 Streetscape and Landscape  
 Façade and Interface  
 Details and Materials  
 Resource Efficiency  
 Design Analysis and Interpretation  
 Staging and Management

#### Study

'Nove Parce di Milano', Urban Design unit under Prof Giorgio Nicolin, Politecnico di Milano  
 Benefit Cost Analysis, University of Sydney  
 Microeconomics, University of Queensland  
 Study trips to Regional Italy  
 Precinct Studies South Brisbane and Surry Hills  
 Sydney Harbour Foreshore Activation Studies  
 Brisbane Laneway Studies

#### Representation

AIA (NSW) Sustainability Committee Member  
 UDIA (NSW) Sustainability Committee Member

#### Collaborations

UN Global Compact  
 Urbis  
 Lend Lease Sustainability  
 AECOM Landscape and Sustainability  
 ASPECT Landscape  
 World Future Studies Federation WFSF

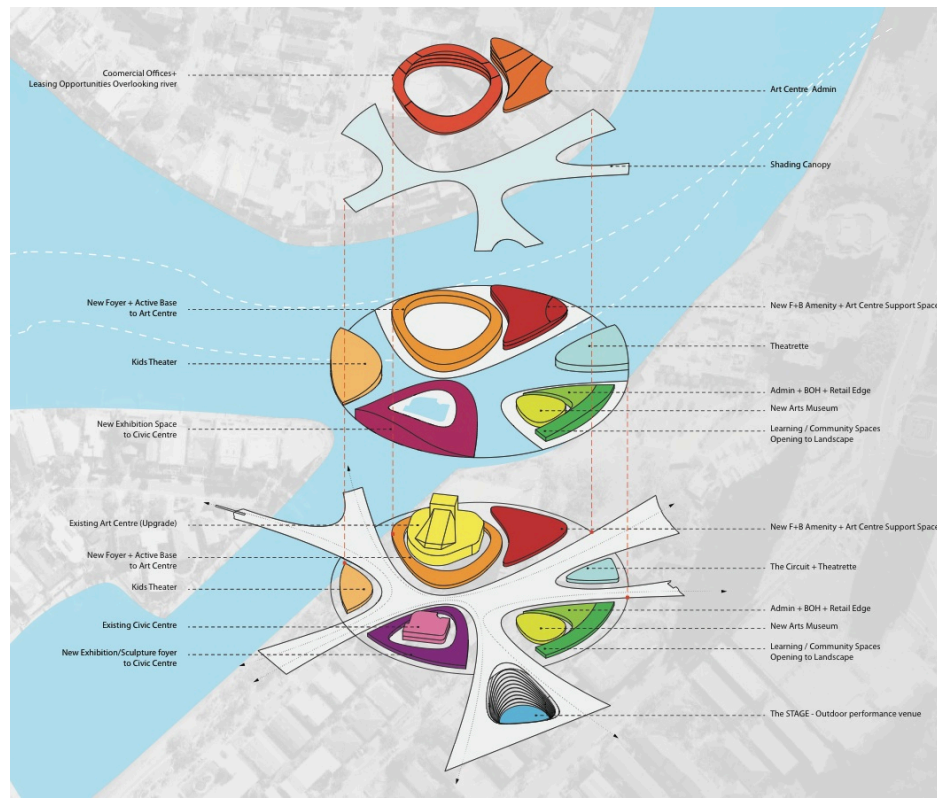
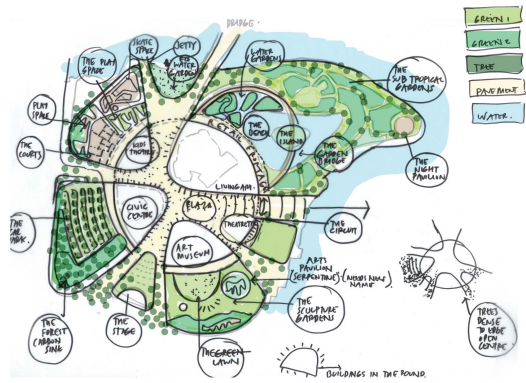
#### Masterplanning Projects

Gold Coast Cultural Centre Competition AUD 250m  
 Exhibition City, Jebel Ali Airport Dubai UAED 4.5b  
 Beijing Olympic Master Plan Competition RMB 500m  
 Al Manamah Waterfront Renewal, Bahrain  
 Queensland Place Master Plan AUD 230m  
 Queensland Millennium Plaza Competition AUD 220m  
 Cairns City Port Master Plan AUD 220m  
 Cairns Esplanade Master Plan AUD 14m  
 All Hallows School Masterplan AUD 60m  
 Dubai Festival City Office Park UAED 450m  
 Chengdu New Town RMB 4b  
 Dongqianhu Administration City RMB 60m  
 Australian War Memorial Precinct Studies  
 Brisbane Cruise Terminal Precinct Studies  
 Currumbin Crest Residential AUD 60m  
 Pacific Harbour Resort Studies

# Gold Coast Cultural Centre Competition

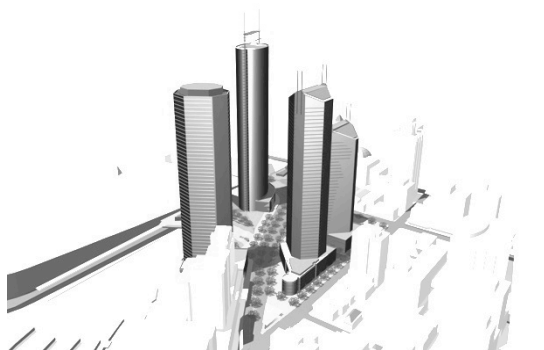
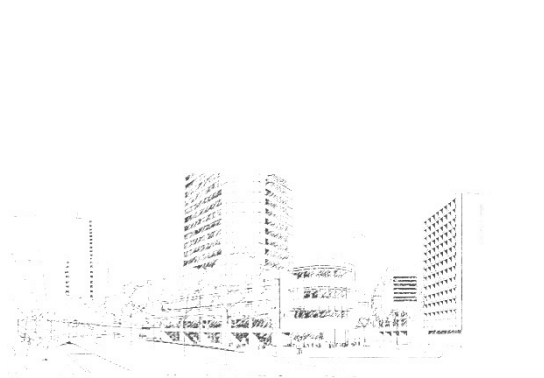
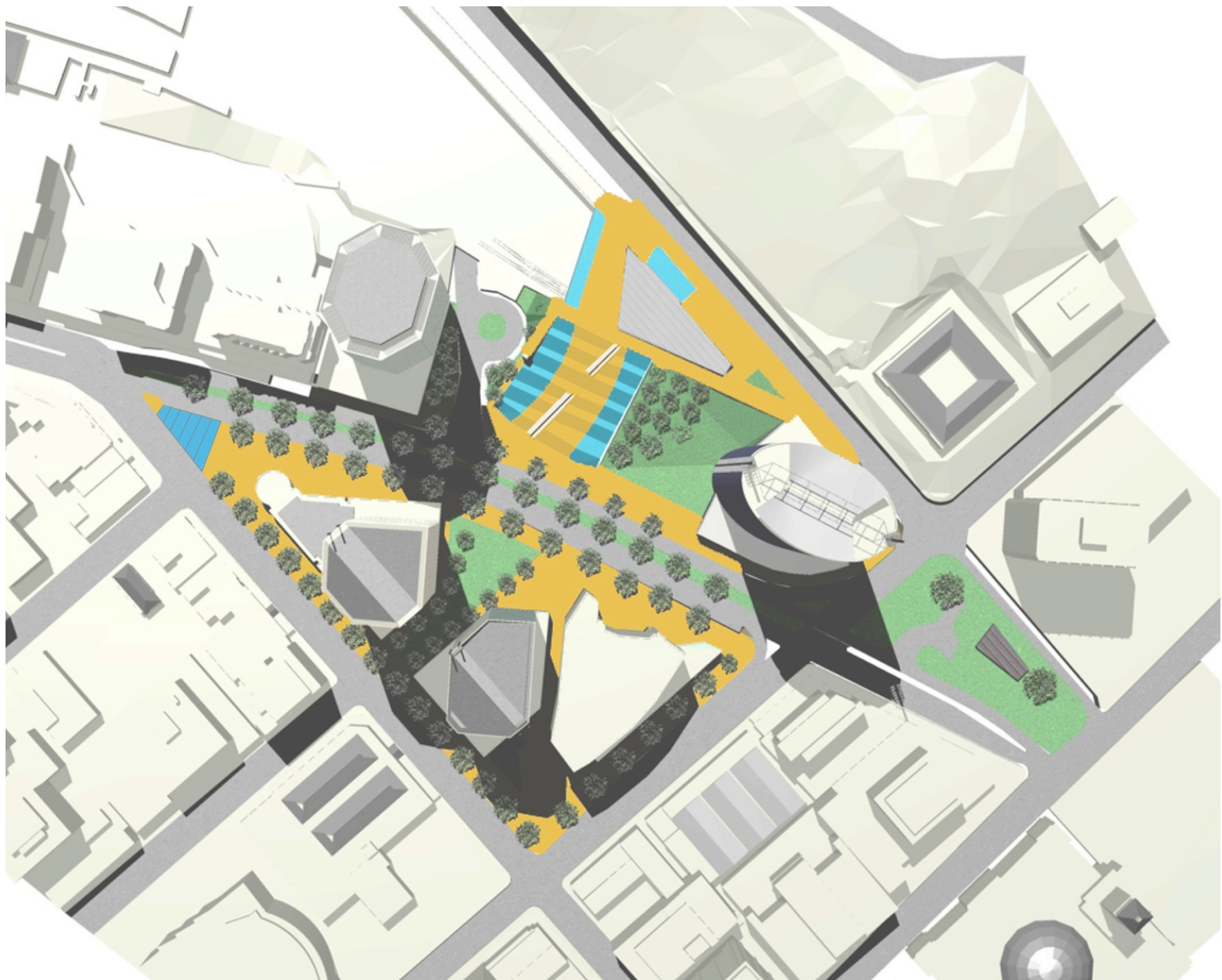




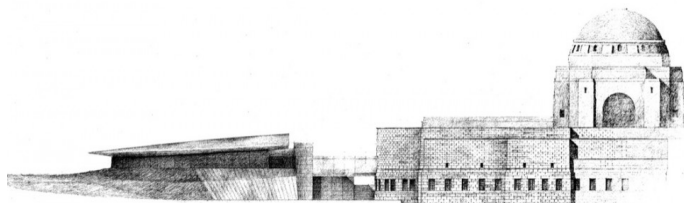
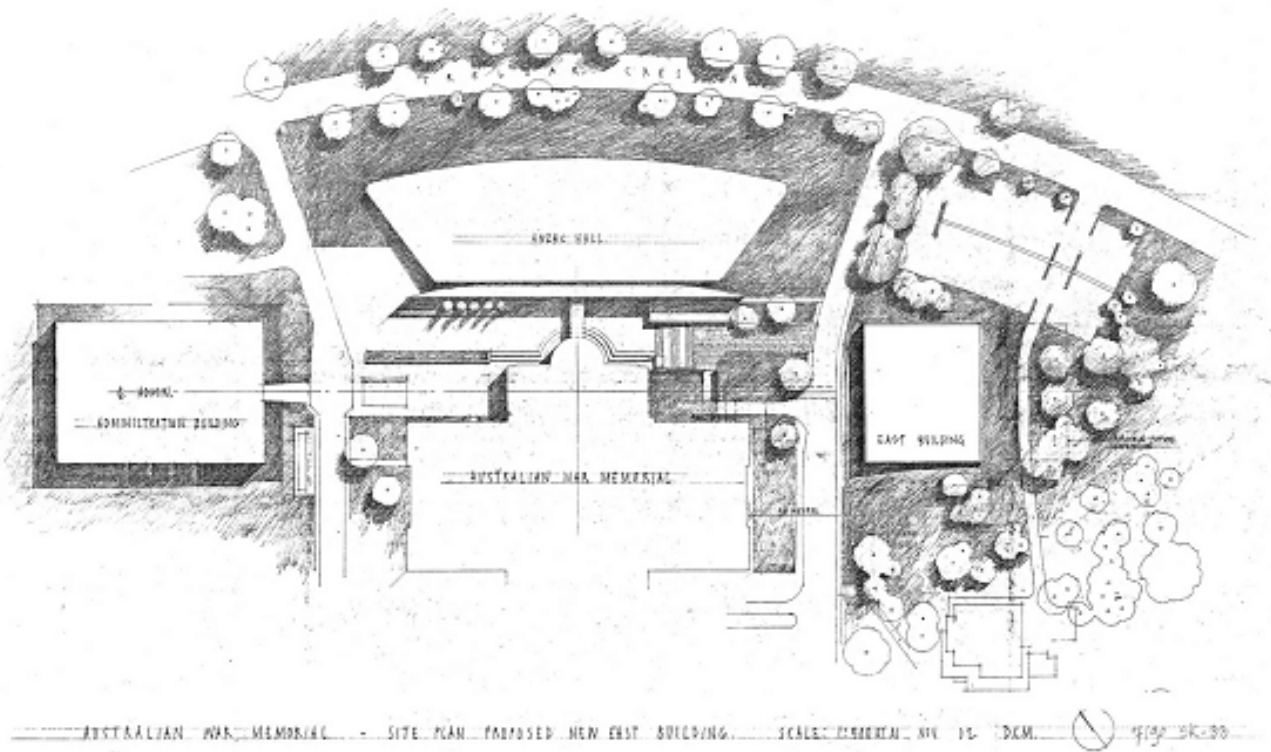




Queensland Place Masterplan





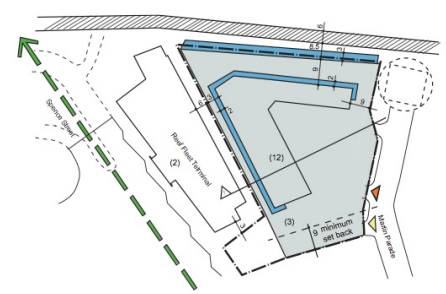
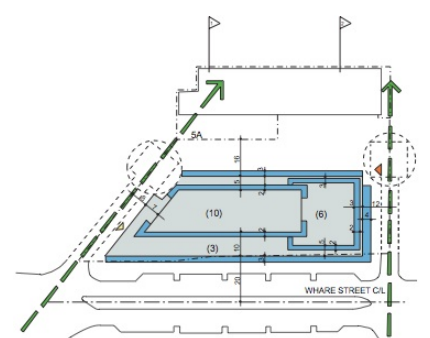
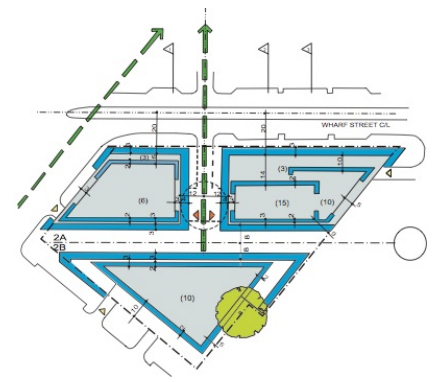




Cairns City Port Masterplan







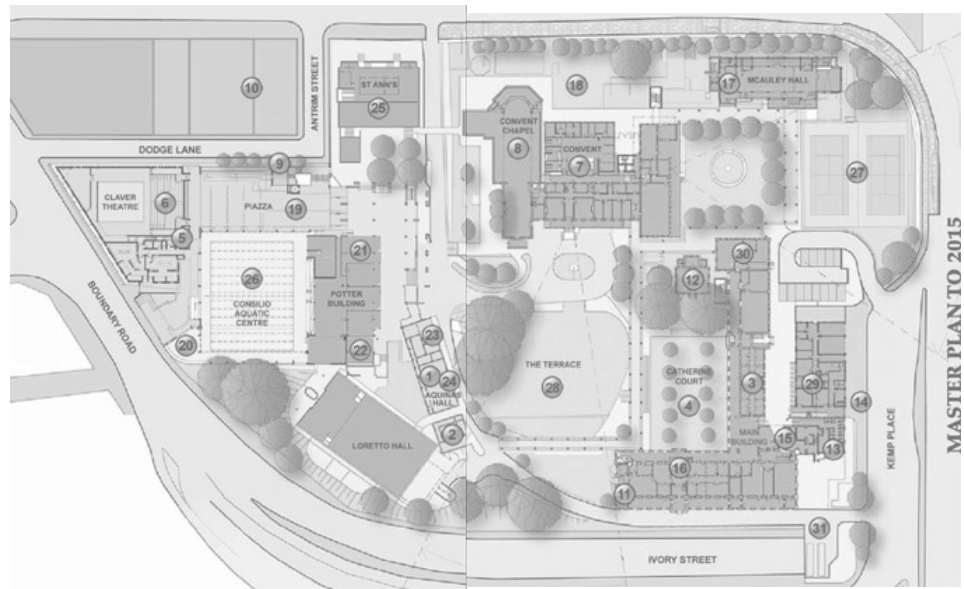


Cairns Esplanade Masterplan





All Hallows School Masterplan







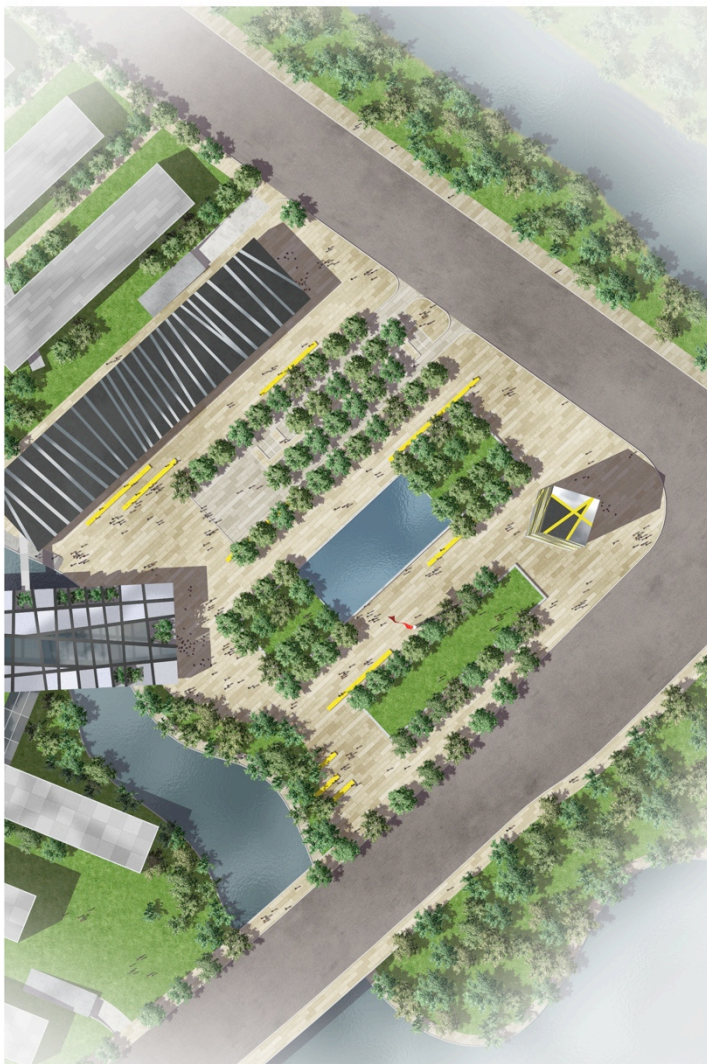


Dubai Festival City Office Park, UAE



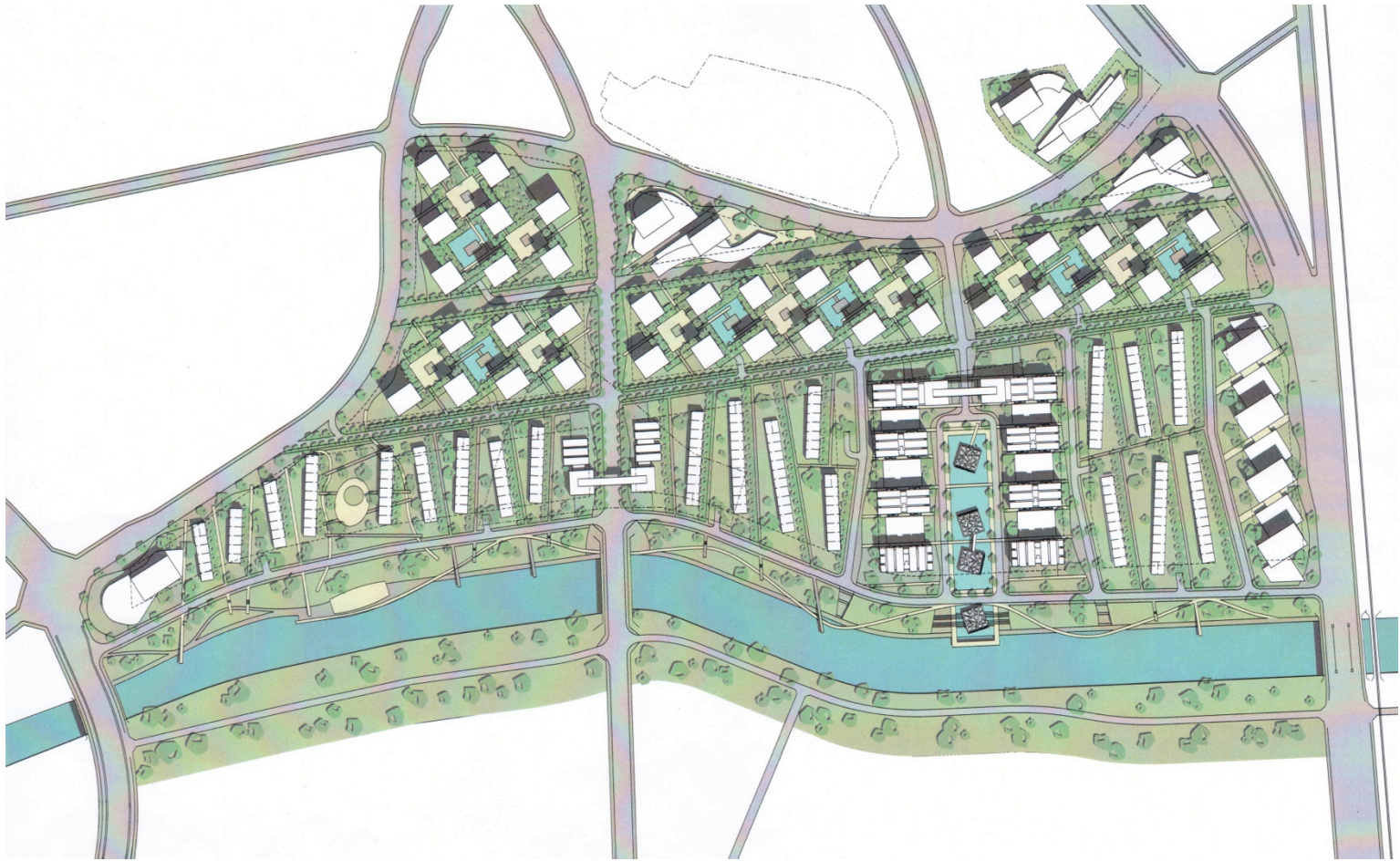


Dongqianhu Administration Centre, Ningbo





Chengdu New Town, China





# Currumbin Crest

