



# Leigh & Orange

## Designing Hong Kong's Past, Present and Future

Founded in Hong Kong in 1874, Leigh & Orange has continued to thrive as a significant force in the markets it serves for nearly a century and a half, providing its clients, both in Hong Kong and overseas, a consistent focus on quality. With an unsurpassed depth of experience in a wide variety of building types, the firm prides itself in balancing knowledge and innovation, attuned to each client's specific needs.

Over the decades, there are few project types that Leigh & Orange has not encountered and mastered. The firm's broad *oeuvre* includes commercial and retail developments, theme parks, recreational and hospitality facilities, laboratory and health services buildings, business parks, computer and data centres, sports, equestrian and veterinary facilities, private clubs and residences, transportation facilities and infrastructure, education buildings, interiors and master-planning schemes. Indeed, the firm is rarely approached with a commission type that it has not previously dealt with and evolved a speciality in. This unique inheritance often feeds back into new work, as the intellectual foundation of experience leads in turn to fresh conceptual thinking in a continuous virtual loop.

The practice, which operates throughout China, Hong Kong, Macau and the Middle East, is certified under ISO 9001, ISO 14001 and OHSAS 18001, with an integrated quality management system covering building quality, environment and safety. Its responsibility towards the planet is second only to its responsibility towards the clients, fusing an innovative approach to every project with advanced thinking in sustainable design, energy conservation, and the creation of architecture with a minimal environmental footprint.



*Excelling for  
World-Class Performances*

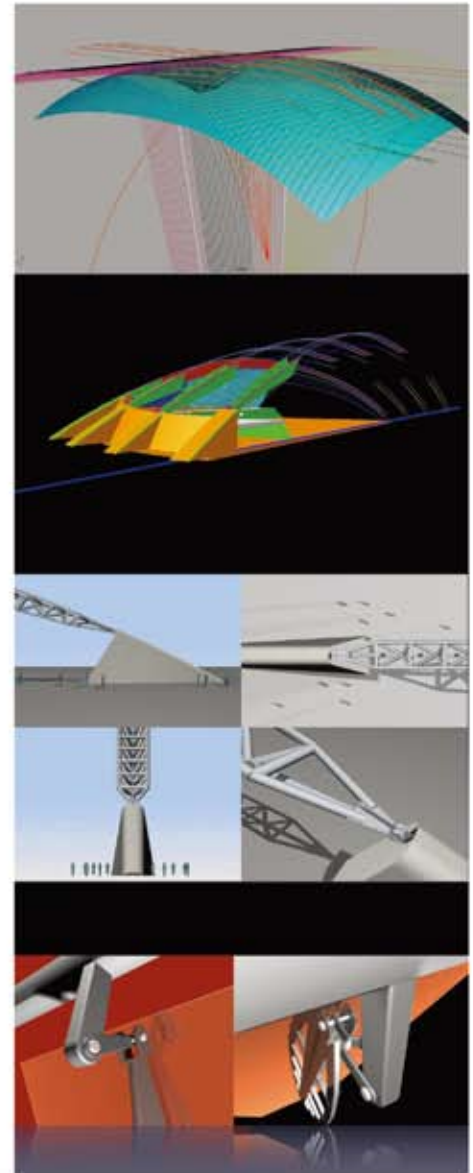
**AL SHAQAB EQUESTRIAN ACADEMY**  
AL SHAQAB EQUESTRIAN ACADEMY,  
EDUCATION CITY, DOHA, QATAR

- 2012 Quality Building Award - Quality Architect Award
- 2012 Quality Building Award - Grand Award Project Outside HK (Non-Residential)
- 2012 Perspective Awards - Best International Architecture
- 2012 HKIE & IStructE Structural Excellence Award
- 2011 World Architecture Festival Award (Sport and Stadiums) Shortlisted Project
- 2011 Cityscape Award Architecture in the Emerging Markets (Leisure – Built Award)  
“Highly Commended Seal of Distinction” Award
- 2011 Overall Project of the Year at the Middle East Architect Award Shortlisted Project
- 2011 Arab Investment Summit - The Leader in Interior Design

A state-of-the-art venue constructed to L&O’s visionary design for which the client – Qatar Foundation – required the provision of Olympic-standard equestrian facilities and comprehensive educational resources to the highest standards.

A dramatic 400m-long “clamshell” unifies the entire composition, and encompasses the two competition arenas, as well as a grandstand for 7,200 spectators and a warm-up arena for the competitors. The grandstand adopts a unique arrangement that faces both the indoor and outdoor arenas, and has carefully segregated facilities for heads of state, VIPs, media, competitors and the public.

Leigh & Orange, one of the pioneers in the use of Building Information Modelling, designed the highly engineered roof in BIM software, refining its geometry whilst integrating services and finishes to achieve the elegant and iconic form. The arena is now recognised as one of the finest venues for equestrian competition in the world.



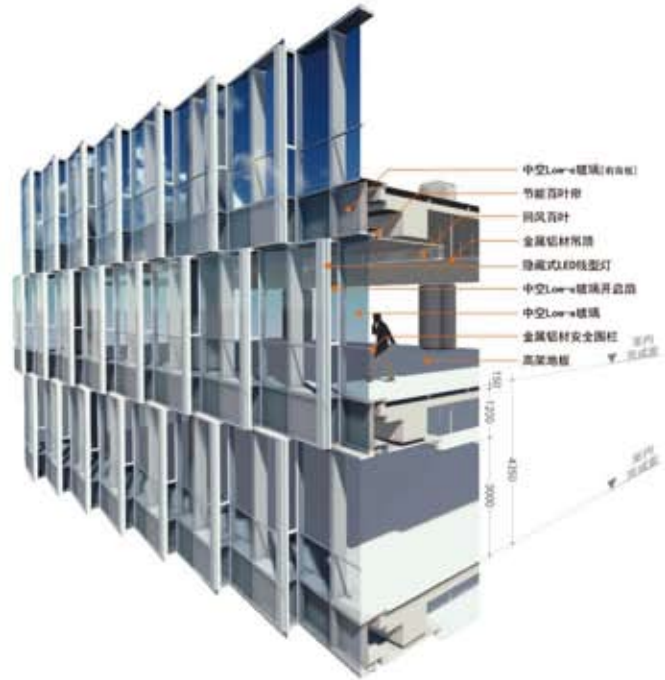


## *Sustaining the New Workplace*

### **YGMG HEADQUARTERS** KUNMING, CHINA

Conceived as a showcase for the client's fresh approach towards the use of sustainable technology, the complex comprises of a 200m-tall tower housing grade-A office floors and high-end serviced apartments, four storeys of podium containing convention and exhibition facilities, and several landscaped areas in between.

The building's envelope incorporates the latest sustainable design features, giving the occupants full control of their internal environment. The naturally ventilated atrium, together with photovoltaic panels, solar heaters and a sophisticated resources recycling system, reduce significantly the building's energy use and minimise its environmental footprint.





## *Luxuriating in Fashion*

### **L'AVENUE SHANGHAI** SHANGHAI, CHINA

- 2014 Quality Building Award (QBA) Grand Award Winner Outside Hong Kong (Mainland China, Taiwan & Macau)
- 2014 International Property Awards (Asia Pacific) Highly Commended Mixed-Use Architecture China
- 2013 MIPIM Asia Award - Best Mixed-Use Development Gold Winner
- 2013 Perspective Award - Best Commercial, Retail or Office – Certificate of Excellence
- 2013 Cityscape Award – Commercial & Mixed Use Project – Shortlisted
- 2013 World Architecture Festival Award – Shopping Category – Shortlisted

Built to house the world's most prestigious retail brands, L'Avenue Shanghai is a striking new landmark conjuring images of an elegant evening gown. As with the tailoring of a couture dress, the realization of the concept by Jun Aoki & Associates demonstrates Leigh & Orange's intense commitment to craftsmanship and attention to detail.

Comprising an office tower, four storeys of boutique stores, four storeys of basement housing a supermarket and further retail space, the architectural design creates a prestigious destination for its visitors. The tower provides office space for headquarters of various fashion groups in search of a grade A working environment.

The twisting tower form flows seamlessly to the fan-shaped skylight above the light-filled atrium, a seemingly outdoor space with unique terraced arcades. The flowing podium structure paired with the dramatic entrance design enhances the welcoming atmosphere - while pre-fabricated parabolic panels achieve seductive curves for the external envelope. Careful assessment of the customers' needs and choice of materials contribute to the creation of a magical space, celebrating the shopping experience.



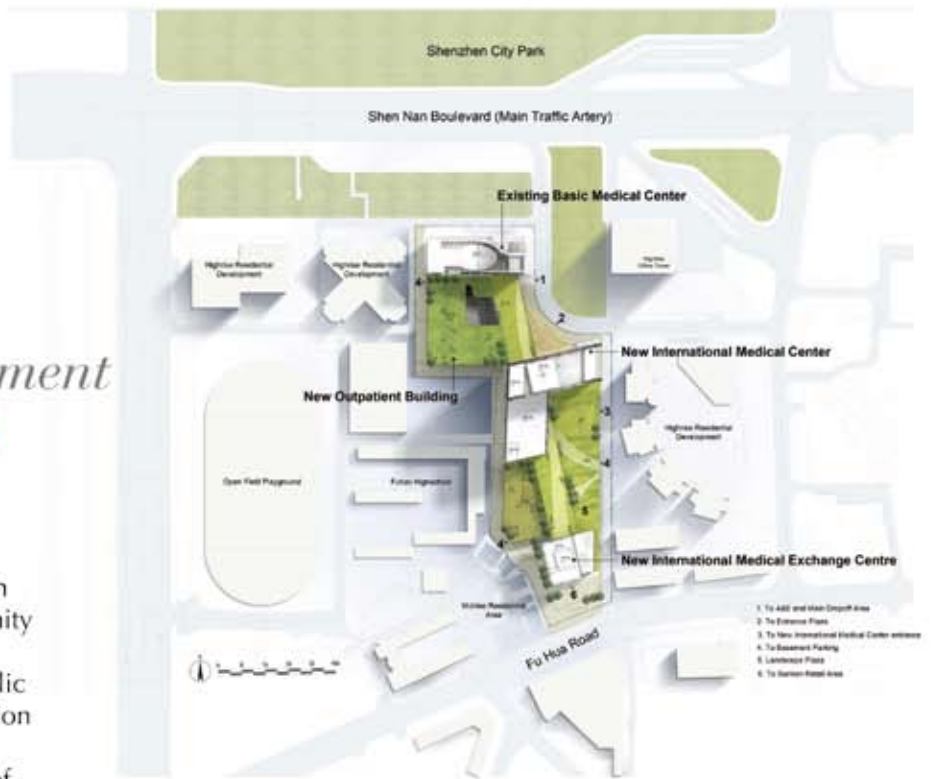
## Healing the Environment

### EXTENSION OF THE PEOPLE'S HOSPITAL OF FUTIAN SHENZHEN, CHINA

Envisioned as 'a hospital in a park' which integrates medical research and community care in an urban park setting, this competition entry creates a series of public and private spaces, encouraging interaction between patients, families, staff and the neighbourhood – thus fostering a sense of community.

The new buildings incorporate a modern vocabulary in their design, and emulate a hotel environment for the interior layout. Connected gardens replenish the public realm and provide a healing atmosphere, serving also as parks for the community and way-finding features for visitors to the facilities.

In response to the hot and humid climate of southern China, the new buildings are carefully placed with the existing clinic to manipulate the micro-climate on the narrow urban site – thus reducing the buildings' solar heat gain and encourage flow of fresh air into the site. Daylighting in the buildings is controlled by a double-skin façade, fitted with manually operable louvres of various densities depending on the orientation.





## *Inspiring Creativity*

### **RUN RUN SHAW CREATIVE MEDIA CENTRE** CITY UNIVERSITY OF HONG KONG

2013 International Property Awards (Asia Pacific) 5-Star Best Public Service Architecture Hong Kong  
 2012 BEAM Final Platinum Rating  
 2012 Hong Kong Institute of Architects - Merit Award  
 2012 China Green Building (2-Star Rating)  
 2012 Perspective Awards Best Institutional Trophy  
 2011 Cityscape Award - Architecture in the Emerging Markets (Community - Built Award Category)

This unique building, a collaboration between Leigh & Orange and Studio Daniel Libeskind, is a specific response to site, with its crystalline structure shaped to reflect light and views. The geometric form signals the building's prominence in the university campus and the cityscape below.

Visitors are introduced to the event space on the ground floor between two inclining walls and led to the "Stair of Imagination". Configured energetically to blur the boundary between walls and roofs, each plane is equally important, individually and severally combined to create the whole. This architecture has a vibrant creative aspect in comprising the spaces, ranging from animation to sound labs, screening rooms to recording studios. The public places are designed to encourage spontaneous interaction between visitors, staff and students.



## *Riding a Wave of Fun*

### **OCEAN PARK SUMMIT REDEVELOPMENT** ABERDEEN, HONG KONG

2012 MiPIM Asia – Special Jury Award

2011 Cityscape Award - Architecture in the Emerging Markets (Tourism, Travel & Transport – Built Award category) Shortlisted Project

Hong Kong's premier theme park covering more than 870,000 sqm of land and featuring a diverse range of marine attractions, rides and shows, Ocean Park recently completed a redevelopment plan for which Leigh & Orange contributed three new attractions - namely The Rainforest, Thrill Mountain and Polar Adventure.

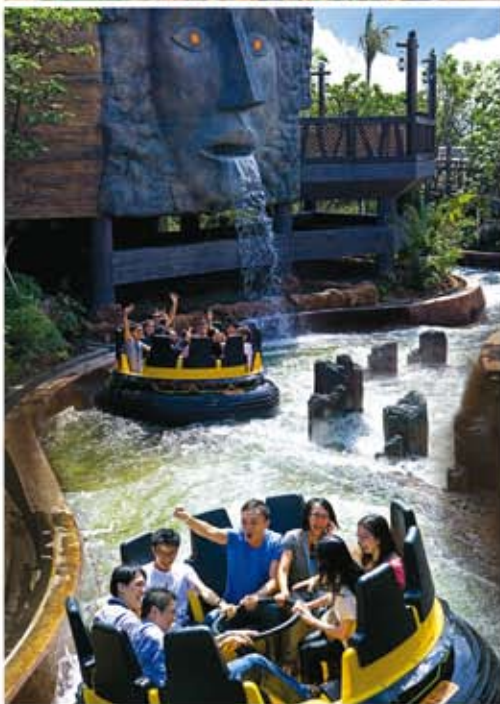
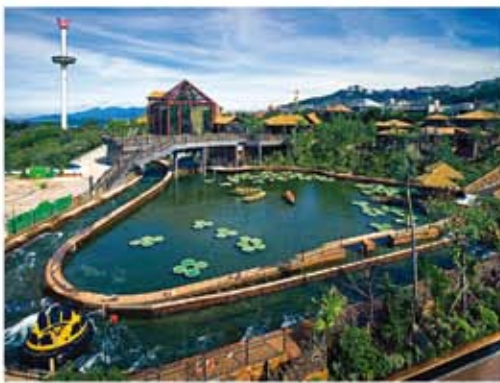
Inspired by vernacular architecture, a series of "primitive huts" in The Rainforest are blended into the recreated tropical environment, providing a rich experience in the colours, sounds and smells of the Amazonian jungle. The large volumes of water required to support the ecosystem are purified and recycled to reduce the environmental footprint of this popular attraction.

Offering an adrenaline rush for visitors seeking surprise and challenges, Thrill Mountain derives its concept from a variety of ride experiences found in seaside resorts, updated for today's youth. A mix of food and beverage facilities completes the attraction to be enjoyed by the entire family.

The latest addition to the theme park, Polar Adventure, features the world's first-ever residual cool air energy recycling system to power the life support system in this unique environment – thus conveying to its visitors conservation ideals for polar wildlife under threat from global warming.









## *Engaging with Heritage*

### **ANDAZ SHANGHAI AND LANGHAM XINTIANDI SHANGHAI, CHINA**

2012 Cityscape Award Shortlisted (Commercial & Mixed Use)  
2011 MIPIM Asia Award Silver Award in Best Hotels and Tourism Resorts

Langham Xintiandi and Andaz Shanghai are a pair of hotel towers forming the gateway into the central business district of Shanghai - providing together over 650 hotel rooms and suites, six restaurants, several function rooms and luxurious amenities for their guests.

The Andaz Shanghai is designed to capture a young and dynamic clientele, while the Langham Xintiandi aims for sophisticated patrons with discerning tastes. Leigh & Orange worked with Kohn Pedersen Fox to reinterpret old Shanghai motifs with contemporary techniques and materials, illustrating the depth of its knowledge of local culture. Traditional window lattices are given a modern twist on the building envelope, echoing the successful revitalisation of the Shikumen heritage quarter across the road.



## Entertaining on all Fronts

### CITY OF DREAMS COTAI, MACAU

An integrated entertainment resort in the heart of Cotai, with two distinct casino floors and three separate world-class hotels, this unique lifestyle precinct offers a combination of electrifying entertainment, international dining, and designer shopping experience.

Water, representing the flow of fortune, is a recurring theme for the architecture, with directional flow for Grand Hyatt Macau, water vortex for Hard Rock Hotel, and cascading lines on Crown Towers reflecting falling tropical rain. Working closely with Arquitectonica and Jerde Partnership, the design team ensured every part of City of Dreams has a strong visual presence and provides sweeping views of Cotai, becoming literally a window to the city.





## Joining Communities

### SHENZHEN FUTIAN DISTRICT FOOTBRIDGE RENOVATIONS SHENZHEN, CHINA

2011 Cityscape Awards Architecture in the Emerging Markets (Residential - Built Award Category) Shortlisted Projects  
2010 Innovation Storm Architectural Design Award



Leigh & Orange was invited by the Government of Shenzhen to introduce shelter, fun and spontaneity to several existing footbridges in the city, with designs inspired by elements of Chinese arts and local urban contexts.

A unique “personality” was created for each bridge, and together, they conjure a new cityscape that celebrates different aspects of the modern city. For the business district, the Futian Bridge with its curved skin and high-tech structure is reminiscent of the city’s transformation from its humble roots to its current dynamism. For the school district, Shang Bu Lu Tong De Bridge imitates the flight of seagulls, symbolizing the vibrant spirit of the new generation. For the park districts, the Xin Zhou Bridge and the Choi Tian Wan Jia Bridge echo tranquillity with their naturalistic motifs.





## *Living with Nature*

### **XIAN NANHU RESIDENTIAL DEVELOPMENT** XIAN, CHINA

2011 Cityscape Awards Architecture in the Emerging Markets (Residential - Built Award Category) Shortlisted Projects  
2010 Innovation Storm Architectural Design Award

Situated near South Lake, an imperial garden dating back to the Qin dynasty, the design of this large residential estate reflects the history of this ancient city – including incorporation of the five elements of geomancy and strong axial links to nearby historical sites.

Respecting the local vernacular, and applying the concept of “borrowed views” from the adjacent garden, the development is joined seamlessly to the park environment. The ground plane is elevated to conceal vehicular circulation underneath, and the buildings are arranged to create in-between spaces for the residents, also optimising the flow of prevailing winds and daylight into individual dwellings



## *Waterside Gems*

### **BEIJING VILLAS BY THE CANAL** BEIJING, CHINA

The crown jewels of a luxurious residential development in the suburbs of Beijing, these opulent villas enjoy sweeping views of canals flowing through the nation’s capital. Each villa has a unique design concept and achieves an equilibrium between tradition and modernity. The “falling water” lines on some facades, for example, are derived from traditional Chinese landscape paintings.

Working closely with local artisans, construction details were refined repeatedly to ensure the highest quality for the finished artefact using indigenous materials. The well-appointed spaces are laid out to create a lavish yet comfortable habitat for the residents.



## *Conserving the Past for the Future*

### HERITAGE



Buildings designed by Leigh & Orange embrace the communities they serve and in turn, people over time come to consider them part of the community's heritage.

With a portfolio of work stretching back 140 years, many of L&O's buildings have survived the ravages of time and are now treasured and carefully preserved for future generations. Some are rejuvenated and given a new lease of life after restoration, and Leigh & Orange takes pleasure in and remains committed to conserving the heritage of Hong Kong for future generations.

Clockwise from top

- Woodside House, Quarry Bay, Hong Kong - restored by L&O 2011
- The French Mission Building, Central, Hong Kong - built by L&O 1917
- The Chapel/Assembly Hall, Lei Yue Mun Park, Hong Kong - restored by L&O 2004
- Loke Yew Hall, The University of Hong Kong - built by L&O 1915

# Creating Inspiring Spaces

## INTERIORS

Awards:

**AL SHAQAB EQUESTRIAN ACADEMY**, Emir's Dining Room, Doha, Qatar  
2011 Arab Investment Summit - The Leader in Interior Design

**GREEN RESIDENCE**, Hong Kong  
2010 Green Building Award (Merit Award - Residential, Interiors Project)

**RISTORANTE ISOLA**, Central, Hong Kong  
2004 The HKIA Annual Awards (Special Architectural Award - Architectural Interior) Shortlisted Project

**CLUB OF THE COMMUNE**, The Great Wall, Beijing, China  
2002 Venice Biennale Special Prize

**RESORT OF THE COMMUNE**, The Great Wall, Beijing, China  
2002 Venice Biennale Special Prize

**M AT THE FRINGE**, Central, Hong Kong  
1990 Techhotel PACE Interior Design Awards

Leigh & Orange designs interiors ranging from building support facilities, offices, auditoriums, retail spaces, restaurants, private residences, clubhouses, communal and recreation facilities to luxury hotel interiors. The interior design department's work often dovetails with the practice's architectural design on multi-discipline commissions, allowing an ideal confluence of talent and skill to provide an elevated service for its clients.

At Leigh & Orange, the interior designers approach each project with a focus on client aspirations, and firmly believe that brilliant interiors have a disproportionate influence on the well-being and enjoyment of end-users. With an expanding portfolio of work in this vibrant sector, Leigh & Orange is developing a range of expertise suited for different projects for a variety of clients.

The firm continues to explore sustainability through its interior design work, utilising sound practices and environmentally responsible materials and technologies. Schemes such as the Green Residence, the 2010 Green Building Award winner in the residential category, attest to its commitment to the environment.



From top to bottom  
 • Asia Games Equestrian Venue Grooms Accommodation, Guangzhou, China  
 • Altira Macau  
 • I' Avenue Shanghai, China  
 • Dancing Water Theater Foyer, City of Dreams, Macau



**INSPIRED** *by* HUMANITY  
**SUSTAINED** *by* CREATIVITY

From the very beginning, Leigh & Orange has faithfully adhered to its core values – Integrity, Humanity, Creativity and Sustainability. Through the decades these have underscored the success of Leigh & Orange and sustained its unique position as one of the most respected and honoured architectural practices in Asia. Even as the manifestation of these principles evolves over time, the practice remains steadfast in its belief in them. Clients of Leigh & Orange appreciate its integrity, maintaining always a professional and collaborative approach, and consistently delivering beyond expectations. It is the highest aspiration a firm can hold and has rewarded Leigh & Orange with the honour of being recognised by *World Architecture* as one of the 50 largest international architectural practices for the past decade.

Across its offices spanning most of Asia, each project, regardless of its scale, is designed with humanity at its core and the end-users in mind, by teams of international professionals who bring fresh perspectives from their multi-cultural backgrounds. Creativity is the soul of every idea incorporated into the firm's work, from large scale master-planning to detailed interior design. The practice always strives to resolve complex problems with simple, elegant solutions, and never misses an opportunity to materialise the latest concept in sustainable design. It is not only applied to buildings but also understood as the architect's responsibility to empower people and build a sustainable society. This approach has led to numerous BEAM and LEED awards for schemes designed by the practice, and over 40 international awards in recent years.

As Leigh & Orange celebrates its 140th anniversary this year, it remains firmly rooted in the communities it serves, and committed to shape the future of Hong Kong and regions beyond.

