

Villa in Nature

享·自然——国际最新豪宅设计

高迪国际出版有限公司 主编

Lifestyles of Health and Sustainability

沐浴在自然之中的豪宅景观

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PREFACE 序言

As architects, we are entrusted with the responsibility to shape the building environment.

We are called to do it effectively. We are also called to do it responsibly.

Our designs impact how we live. They can affect the way we feel and affect how we work.

They can also affect our ability to relax, while encouraging us to re-energize. Because this is true, architects are responsible for creating an environment that has the ability to promote our health and well-being.

Our designs also have an impact on our surroundings, that is, both the natural and manmade context in which they're placed. On the one hand, they use energy and resources to construct, operate, maintain, repair and restore.

On the other, they make their mark on the fabric of our communities, requiring architects to study, respect and sustain contextual characteristics and features, and design a place in response.

As architects, we strive to find the proper balance between all these considerations to create an artful, yet healthy and sustainable living environment.

We often associate the subject of sustainability with materials that might be labeled as "green" or perhaps, building systems that are highly technical. These are two of the more popular responses when asked to describe what is sustainable.

Certainly, material choices for any project are important. They should be made with a level of sensitivity to their origin, the energy embodied in their fabrication, and the way in which they're assembled and detailed so as to promote durability and longevity. Also, the choice in building systems is crucial—the manufacturing resources they use, their energy consumption and their required maintenance.

However, health and sustainability in design is a much more rich and complex subject than material choices or technical building systems alone. In this book, you'll find a collection of international luxurious homes focused on a sustainable design approach different from what's considered popular. It's an approach that is familiar and elegant, while being sensible, sensitive and refreshingly simple. It's an approach that doesn't necessarily rely on highly technical systems or experimental materials, but bases its effectiveness on the fundamentals of time tested and understated sustainable design principles.

Some examples you will see include designs that carefully consider how the building sits on the land, views, prevailing breezes, site features and orientation to the sun. Designing with sensitivity to these existing natural elements not only offers an opportunity to conserve energy by promoting natural light and ventilation, but lifts our spirits by making us feel better connected to our natural surroundings. They include a design approach that encourages a strong inside-outside relationship, fostering therapeutic affects of an evening sunset, a rhythmic ocean, or a tranquil forest. Conversely, the design may discourage the outside from entering in, with the intent to make us feel secure and safe. Whether real or implied, this too can be seen as a simple sustainable approach, in heightening our sense of well-being.

Other examples develop their designs around a special site feature, such as a rolling hill, a surprising rock outcropping or an old growing tree. By preserving their characters, not only does the home feel in union with its surroundings, but also the features, by shaping the architecture, add depth to the design story.

Lastly, you'll find examples of homes using simple, familiar and durable materials, such as stone, wood, steel, glass and concrete.

The permanence of their materials rejects the wasteful notion of temporary. Having a closer look, you'll find that they are not only the materials familiar and durable, but also assembled in a highly detailed and skillful way, and that they are the details executed with exceptional care and craft, which are meant to stand the test of time.

It is our responsibility as architects to respond to the call for a healthy and sustainable building environment.

I hope you to find delight in the following pages showcasing architects who have elegantly responded with an artful, yet simple solution to this design problem. May they be a source of inspiration for you, and may they be a source of encouragement for the next generation to enjoy a lifestyle of health and sustainability.

—Christopher Kempel, AIA

作为建筑设计师，我们负有塑造当今建筑环境的责任。

我们要有效并负责地将这件事情做好。

我们的设计影响到公众的衣食住行、感知和工作方式，甚至在鼓励公众重振精神的同时，也会影响到其自我放松的能力。因此，建筑设计师有责任创造一个能够促进公众健康和幸福的环境。

我们的设计对周边环境也是有影响的，包括自然环境和出自建筑设计师之手的人造环境。一方面，设计使用了能源、资源去建造、操作、维护、修护和修复；另一方面，设计在公共社区的建筑上留下了痕迹，建筑设计师在尊重和维持周边环境特征的前提下，认真钻研，创造出一个个和谐而美丽的空间。

作为建筑设计师，我们尽力寻找所有考虑因素之间的适当平衡，力求创造出设计巧妙、健康而又可持续的生活环境。

我们常常会把可持续性的主题与那些或许标有“绿色”或是建造高科技系统的材料联系到一起。这是当有人问到如何描述“什么是可持续性”时两个最通俗的回答。

当然，对于任何项目，材料的选择非常重要。要对材料产地有一定的敏感度，对材料构造所产生的能量、材料组装的方式和每个组装中的每个细节做出选择，最终达到提高材料耐用性和寿命的目的。在搭建住宅结构时，材料的选择、所使用的生产资源和能源的消耗，以及材料所需的维护也至关重要。

然而，建筑设计的健康和可持续性是一个比单一的材料选择和技术性的建筑结构更加丰富和复杂的主题。

在本书中，读者将会看到一批体现可持续性设计方案的国际豪宅，它们与之前受到普遍欢迎的设计有所不同。它们既熟悉又优雅，同时又合乎情理、敏锐和极其清爽简单。它们不一定依赖于高科技架构或是实验性材料，但却把其有效性建立在“经得起时间考验”的基本原则和一直都没有被给予充分重视的“可持续性设计原则”之上。

本书中的一些经典案例，包括如何认真且充分考虑住宅的地基、周围的景色、盛行的风向、占地的特色和住宅的朝向而完成设计。建筑设计师对这些已有自然元素的敏感，不仅为通过促进自然光线的射入和室内通风来节约能源提供了机会，而且通过使公众与自然环境更好地接触而令其心旷神怡。比如，本书中鼓励一种反映内外强烈关系的设计方案，营造出具有傍晚的夕阳、韵律的海洋，或者寂静的森林的空间氛围，旨在使居住者能够在此疗养身心。相反，该设计会阻止外部事物进入内部空间，目的是让居住者受到保护，感到安全。不管是真实的还是含蓄的，这些都是旨在提高公众幸福感的简单且持续性的设计方案。

有些其他案例是依据其选址的特征而设计的，例如，波状丘陵地形、露出地面的奇异岩石，或者一株健在的古树。通过保留其选址的特征，不仅使住宅和环境融为一体，还赋予其设计故事的深度。

最后，读者将会看到这样几幢住宅：它们的建造利用了简单、常见且持久耐用的材料，例如，石料、木材、钢材、玻璃和水泥。建筑材料的持久性免去了临时建筑的浪费。走近一看，便会发现，不仅建筑材料常见耐用，而且它们的建造是极具复杂性和技术性的，并被给予细节上的特殊关注，极其精细，因此能够经得住时间的考验。

对建筑环境的健康和可持续发展负责，这是我们作为建筑设计师的责任。

希望读者能够喜欢本书中的建筑设计师。对于设计问题，他们总能优雅地给出巧妙而简洁的设计方案。希望他们的设计能够成为读者的灵感之源，同时成为下一代拥有一个健康的生活方式和可持续的生活环境的鼓励之源。

——克里斯托弗·凯姆派尔（美国建筑设计师协会）

目录

A horizontal timeline of Frank Lloyd Wright's houses, represented by a series of red circles with white numbers inside, connected by a red line. The timeline starts at 8 and ends at 164. Above the timeline, the names of the houses are written in red text, connected to the timeline by vertical dotted lines. Below the timeline, the names of the houses are also written in red text, connected to the timeline by vertical dotted lines. The houses are listed in chronological order from left to right.

Year	House Name
8	Fish House
16	House 6
24	Quinta da Baronesa
30	Bahia House
36	Grecia House
44	33rd Street Residence
54	Villa Hendrikx
60	Home For Life
68	Safe House
76	Cube House
84	Robinson House
90	Marcus Beach House
100	Openhouse
108	Carrillo Residence
118	Casa en el Bosque
128	Ormond Esplanade Residence
136	Mountain and Openings
144	Mandeville Canyon Residence
150	Pryor
156	Villa Frenay
164	Villa Old Oaks, Ljubljana

Charred Cedar House

Ontario Residence

House at Rua Alabarda

Tan Residence

Cliff House

Christie Beach Residence

Brick House

House 2 Project

Haus S

Wideopen Villa

172

180

190

196

204

212

222

228

236

244

252

260

266

272

280

288

296

304

312

322

T-House

House 53

Bourke House

Lake Travis Retreat

Villa3s

Hill House (Nikolina Gora)

Kubler House

House on Fire Island

Buisson Residence

Fray Leon House

Fish House

Architect: Annesley Charles Wilkinson
Firm: Guz Architects
Location: Singapore
Area: 726 m²
Photographer: Patrick Bingham Hall

This modern tropical bungalow encapsulates the essence of living in the hot and humid climate of Singapore by creating open spaces which encourage natural ventilation and offer residents views to the ocean.

The main design concept is to create a house which has close relationship with nature and this is achieved by having a swimmingpool linking the house with the landscape and ultimately visual connections with the sea. The idea of connection is reinforced by having the basement level media-room with a u-shaped acrylic window which allows diffuse natural light in and also views out into the pool. The curved roofs, symbolizing the sea waves, also emphasize the idea of the nearby sea. These are almost totally covered with thin bendable photovoltaic panels supplying enough energy to the house, while the remaining area is used as a green roof giving residents some outdoor leisure spaces.

Fish House is a modest yet luxurious residential design which gives residents opportunities to live in harmony and comfortably with nature.



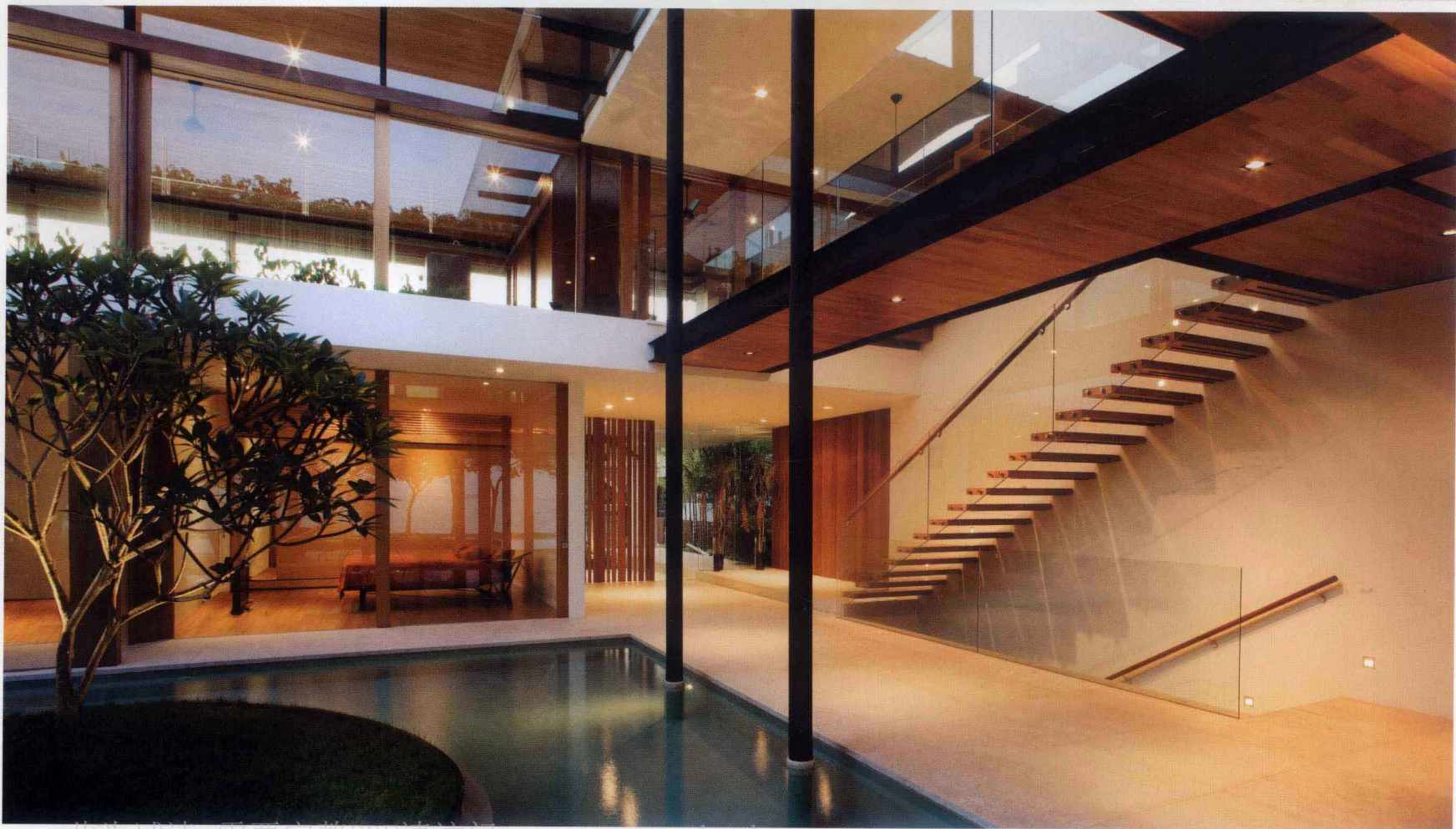


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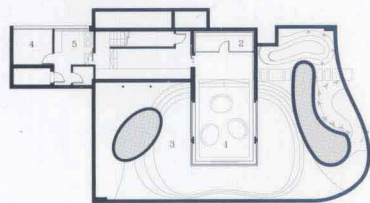
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BASEMENT PLAN



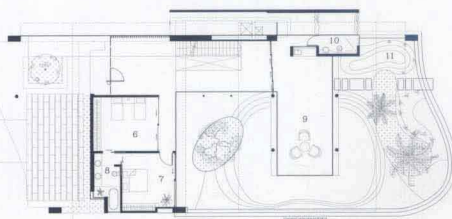
- 1 MEDIA ROOM
- 2 WINE CELLAR
- 3 SWIMMING POOL
- 4 STORE
- 5 LAUNDRY

SECOND FLOOR PLAN



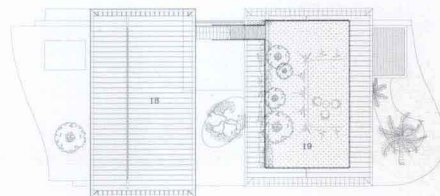
- 12 STUDY ROOM
- 13 MASTER BEDROOM
- 14 MASTER BATHROOM
- 15 KITCHEN
- 16 LIVING ROOM
- 17 DINING ROOM

FIRST FLOOR PLAN

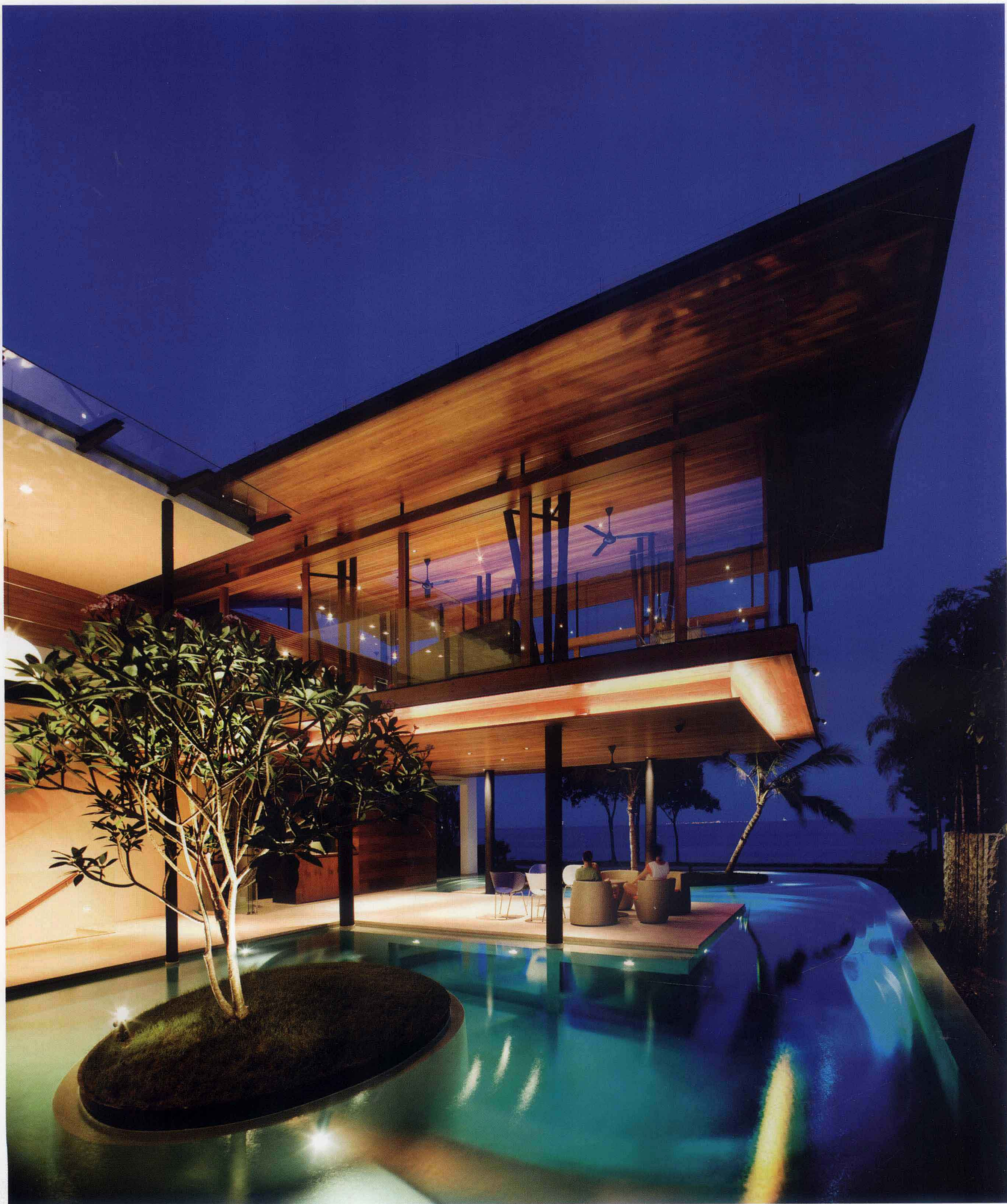


- 6 BEDROOM
- 7 GUESTROOM
- 8 BATH
- 9 VERANDAH
- 10 POWDER ROOM
- 11 JACUZZI

ROOF PLAN



- 18 PHOTOVOLTIC ROOF
- 19 ROOF GARDEN









这座现代化的热带住宅体现了在新加坡炎热湿润气候中生活的精髓，它拥有开阔的空间，从而实现自然通风，还能远眺广阔的海景。

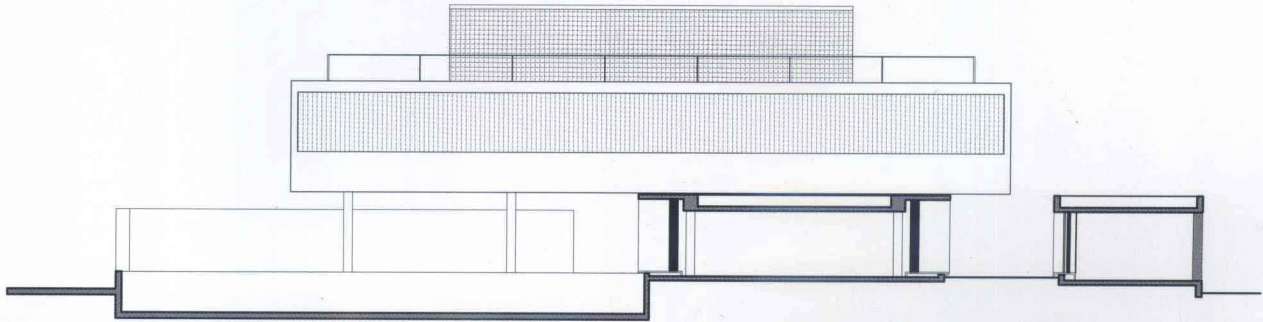
该设计理念旨在打造一个贴近自然的和谐之所。在住宅之中建造了一方泳池，使住宅与周围环境互相映衬，且最终与远处的海景相连。地下一层的设计再一次强调了与自然的联系，那里设有视听室（泳池下面），其顶部是U型的硬质塑料窗，既可以将自然光引入，弥散到整个视听空间，又可以在视听室望见泳池的波光粼粼。曲线的屋顶造型象征着层层海浪，强调了临海这一概念。整个屋顶覆盖着可弯曲的太阳能光伏集热板，为住宅提供能源。同时，屋顶还种植了各色植被，为居者平添了一个户外休闲空间。

Fish House的住宅设计谦恭而又不失奢华，使居者在此与自然融为一体，悠然自得，天人合一。

House 6

Architect: Marcio Kogan
Firm: Studio mk27
Co-author: Diana Radomysler
Interior Design Co-authors: Diana Radomysler,
Mariana Simas
Collaborator: Eduardo Chalabi
Landscape Architect: Renata Tilli

General Contractor: Lock Engenharia,
arq. Marcelo Ribeiro
Structure Engineer: Leão & Associados,
eng. João Rubens Leão
Location: Sao Paulo, Brazil
Area: 995 m²
Photographer: Pedro Kok, Rômulo
Fialdini



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