

THE UNIVERSITY OF MELBOURNE

NEW BUILDING FOR THE
FACULTY OF ARCHITECTURE
BUILDING AND PLANNING

ARCHITECTURAL DESIGN COMPETITION

—Strategic Announcement—



We are here pleased to announce our candidacy for the great opportunity of designing the new building for the faculty of architecture building and planning in the University of Melbourne. For the highest achievement we organized a multi-cultural and trans-disciplinary design team. The team is composed of the members who are all very expert professionals in environmental design field. We are actually not only designing university facilities, but also teaching extensively in understanding of Pacific and Japanese culture. Though our broad comprehensions concerning tradition, modernity, climate, aculture, and technology we believe we can create new innovative building environment for the University which will inspire all the students and teachers and sustain in future. (Waro Kishi)

Team Diagram



Master Architect

Waro Kishi



- 1950 Born in Yokohama, Japan
- 1973 Graduated from Department of Electronics, Kyoto University
- 1975 Graduated from Department of Architecture, Kyoto University
- 1978 Completed Post-Graduate Course of Architecture, Kyoto University
- 1981-93 Principal, Waro Kishi, Architect & Associates, Kyoto
- 1981-93 Taught Architectural Design in Kyoto College of Art
- 1993- Organized, Waro Kishi + K. ASSOCIATES/Architects, Kyoto
- 2000- Professor, Kyoto Institute of Technology (<http://www.kit.ac.jp/>)

Academic Experience

Visiting professor	University of California, Berkeley	2003
	Massachusetts Institute of Technology, Cambridge	2004
Lecturer	Kyoto University, Kyoto	1996~1998
	Kyushu University, Fukuoka	2004

Awards

- 1993 "JIA (Japan Institute of Architects) Award for the Best Young Architect of the Year" Japan Institute of Architects Tokyo, Japan
- 1995 "Kenneth F. Brown Asia Pacific Culture and Architecture Merit Award" University of Hawaii Honolulu, U.S.A
- 2002 "Award for Townscape of Aichi Prefecture" Aichi, Japan
- 2006 "Commendation of the Jury of Dedalo Minosse International Prize" Italy
- 2007 "Good Design Award 2007" Tokyo, Japan

Monograph/Book

- 1996 Waro Kishi 1987-1996, El Croquis 77-II, El Croquis Editorial, Spain
- 2000 Waro Kishi Store Design 5bus Stops + 1, Logos Art s.r.l., Italy
- Waro Kishi Projected Realities, TOTO Shuppan Co., Japan
- Waro Kishi, Axel Menges, Germany
- 2001 Waro Kishi Recent works, GG, N.19, Editorial Gustavo Gili, S.A, Spain
- Cool Construction, Thames & Hudson, England
- 2004 Waro Kishi, Pro Architect, ARCHIWORLD.Co.,Ltd., Korea
- 2005 Waro Kishi, Electa, Mondadori Electa spa, Italy
- 2007 Waro Kishi Writings 1982-2007, Kyoritsu Shuppan., LTD., Japan

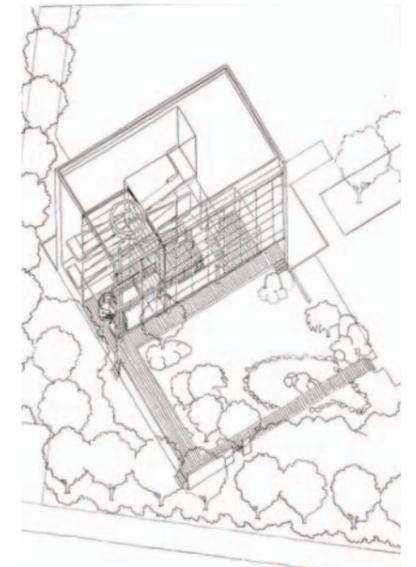
keywords: [School Facilities/Japaneseness/Contemporary](#)

Memorial Hall In Yamaguchi University

Location Yamaguchi, Japan Function memorial hall
 Total Floor Area 626.77 sqm Site Area 92631.18sqm Building Area 329.53 sqm
 Structure three-storied steel-frame construction with reinforced concrete construction
 Design Term 1994.03-1996.03 Building Term 1996.08-1997.04

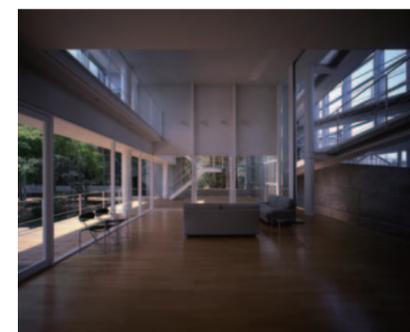
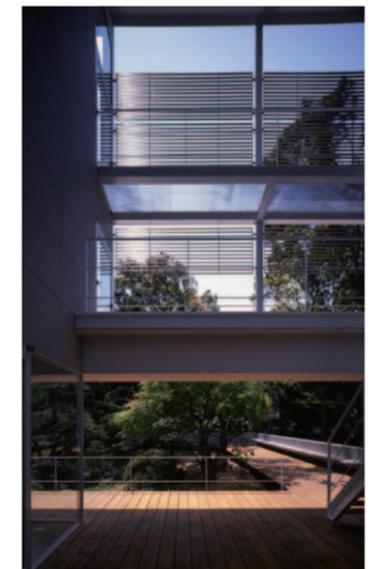


This building is for the medical faculty of Yamaguchi University. It commemorates the 50th anniversary of the institution and was donated by the alumni association



Although it is an alumni hall, it is a place not just for alumni reunions but also for the discussion of cutting-edge themes in the field of medicine. It houses facilities for conferences, meetings, research seminars and lectures. Students, faculty and employees of the university can also come here to relax.

The hall is located in a garden that was donated earlier by supporters of the university and that has long been frequented by students and the university staff. Thus, the place already possessed a significant reality and was associated with many fond memories. The new building was an attempt to reinforce rather than to erase that reality or those memories. The design is intended to integrate the architecture and the garden and to produce a new place in the campus. The old memories have not been erased but woven into a new landscape. The layering of old memories and a new structure creates a sense of place and ultimately a sense of history within the campus.

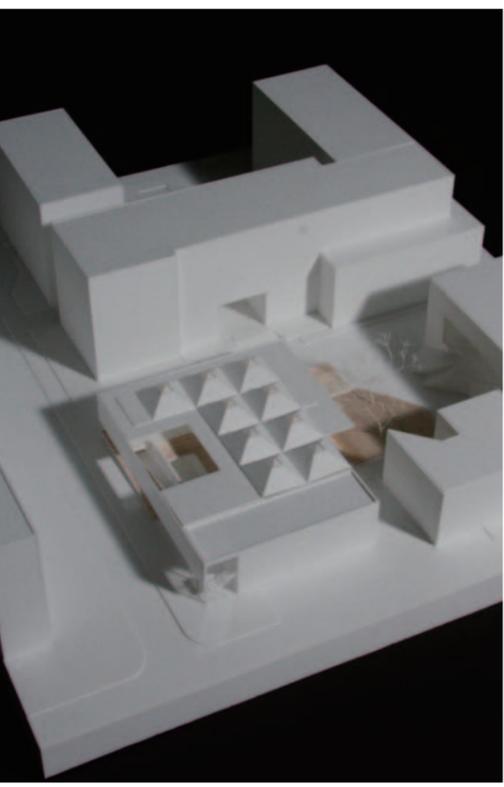
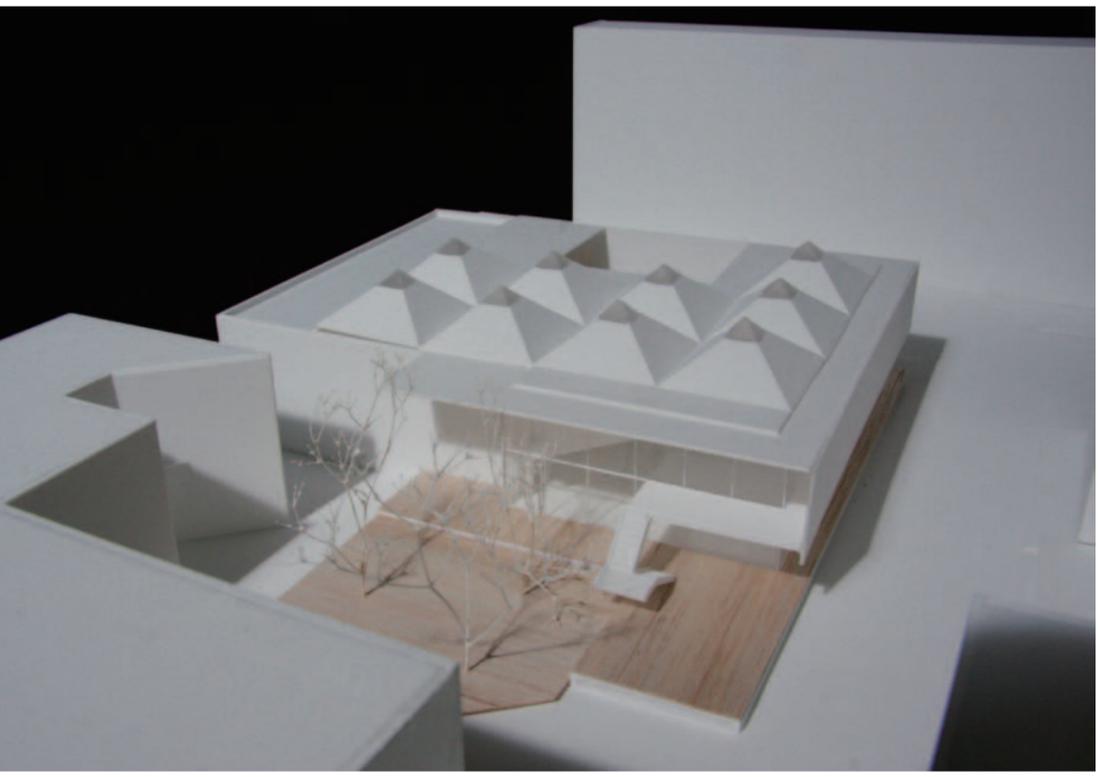


The main approach to the hall is over a pond in the Japanese garden. The path then turns 90 degrees to the right. The western third of the building is an outdoor terrace that leads to the first-floor entrance hall and a ramp. Most of the spaces, with the exception of the top-floor conference room, face the garden or the abundant greenery in the campus. For a brief moment, people can forget the stresses of being in a medical school.

Keywords: School Facilities/Harmony/Context

Student Union Building / Kyoto Institute of Technology (on going)

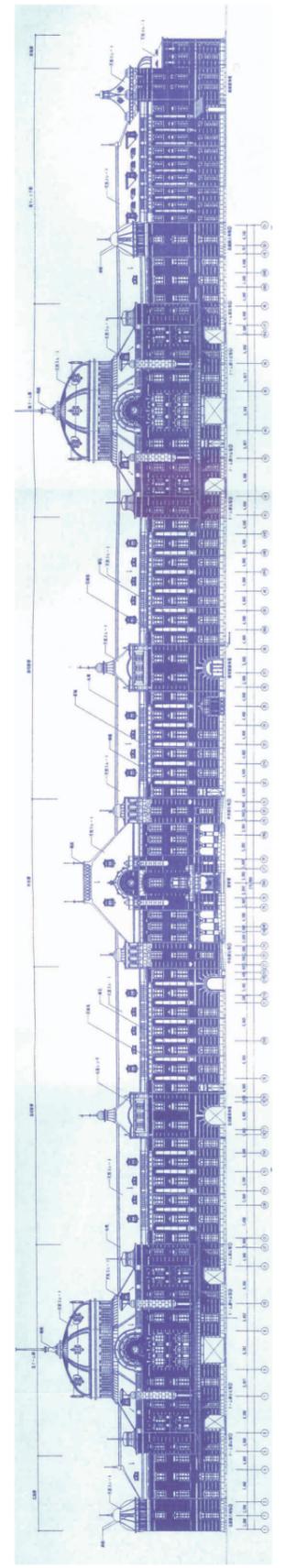
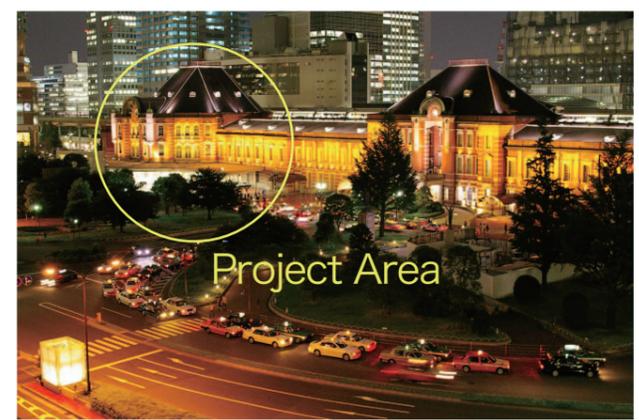
Location	Sakyo-ku, Kyoto	Function	university cafeteria, book shop
Site Area	73,381.31 sqm	Building Area	931.69 sqm
Floor Area	1,698.40 sqm	Structure	two-storied steel-frame
Building Term	2009.02-	Building Term	2009.10-2010.03



Keywords: History/Contemporary/Urbanity

Tokyo Central Station / Station gallery (on going)

Location	Tokyo	Function	gallery
Site Area	—— sqm	Building Area	—— sqm
Total Floor Area	3,188.40 sqm	Structure	——
Design Term	——	Building Term	——



Structural Engineer

Kiyoaka Morisako



Structural Specialist
Professor of Department of Architecture and Design,
Kyoto Institute of Technology

Birthdate: November 17, 1952
Birthplace: Hiroshima, Japan
Nationality: Japanese

Education

B.Eng. Kyoto Institute of Technology, Architecture (1976)
M.Eng. Kyoto Institute of Technology, Architecture (1978)
Dr.Eng. Kyoto University, Architecture (2001)

Academic Positions

1979-1988 Research Assistant, Department of Architecture, Kyoto Institute of Technology
1988-1991 Research Assistant, Department of Architecture and Design,
Kyoto Institute of Technology
1991-2000 Associate Professor, Department of Architecture and Design,
Kyoto Institute of Technology
2000- Professor, Department of Architecture and Design,
Kyoto Institute of Technology
2006- Vice Dean of Graduate School of Science and Technology,
Kyoto Institute of Technology

Academic Awards

1995 The Encouragement Prize of Architectural Institute of Japan
1999 The Encouragement Prize of Japanese Society of Steel Construction
2000 Moisseiff Award of American Society of Civil Engineers

Academic Societies

Architectural Institute of Japan
Japan Society for Computational Engineering and Science
Japan Association for Earthquake Engineering
Japan Association for Wind Engineering
Japan Society of Materials Science
Japanese Society of Steel Construction

Professional Committees

Committee on Structural Performance Evaluation of Steel Housing System, Building Center of Japan
Committee on Structural Earthquake-proof Diagnosis and Repair of Building, Kyoto Architect Office
Association
Committee on Proper Judgment of Structural Calculation, City Planning Bureau of Kyoto City

Landscape Architect

Sunsaku Miyagi



Landscape Architect, Urban Designer
Professor of Landscape Architecture,
National University Corporation Nara Women's University
Partner of PLACEMEDIA, Landscape Architects Collaborative

Birthdate: July 8, 1957
Birthplace: Kyoto, Japan
Nationality: Japanese

Home Page <http://www.placemedia.net>
Company Principal Yoshiaki Yamane
Services Landscape Design, Urban Design, Garden
Design,
Signage Design, Lighting Design
Capital 10 million yen (established under Japanese Law)
License Registered Construction Consultant
by Ministry of Land and Transportation,
Government of Japan
Numbers of staff 9 staff

Shunsaku Miyagi /Selected Works

The Peninsula Tokyo
Shunsaku Miyagi / PLACEMEDIA



Completed : 2007
Site area : 4,350sqm

Garden and Landscape of Byodo-In Museum
Shunsaku Miyagi / PLACEMEDIA



Byodo-In is the old buddhism
temple in Kyoto, which is a national
treasure and registered on UNESCO's
World Heritage list in 1994.



Completed : 2001
Site area : 30,600sqm

Architect

Akira Yoneda



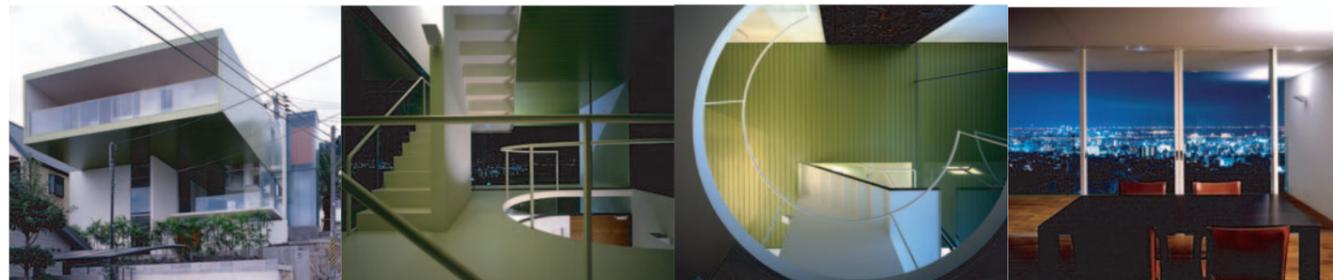
Architect/associate professor of Kyoto Institute of Technology
 1959 born in Hyogo, Japan
 1982 graduated from department of architecture, faculty of engineering, the University of Tokyo
 1984 completed the master course, the University of Tokyo
 1984-89 worked in Takenaka Corporation
 1991 completed the master course of architecture the Harvard University Graduate School of Design
 established "Architecton"

Akira Yoneda / Selected Works

BLOC (2004)



This is a house for an elderly lady who has lost her time-honored, European-style house when the recent Great Hanshin Earthquake has destroyed her dear old home. Since then, she has been given no choice than to live in a temporary residence for a long time. The site is situated in a tiered residential zone developed in proximity of a terminal station of a ropeway climbing up the Rokko Mountains. The area gives an impression that the topological undulation is progressively transformed into an artificial one as it approaches the urban area. The overhung volume on the top floor accommodates the old lady's residential space. Opening in forms of balcony and patio have been prepared to provide the same views over Seto Inland Sea and Rokko Mountains as the former house. Underneath this volume are: the room lodging her children—who are now on their own and involved in international activities—on their visit home; the library housing the archive of family memories; and the entrance hall decorated with Western furniture and the fresco from the old house that have escaped damage. The cantilever of nearly 10 meters in maximum on the third floor is made possible through the reinforcement supplied by the inner partition walls. The second-level floor above the entrance hall is hung down from the stairs to the third floor and the glass plates. Here is an attempt to create a field in which conflicting senses such as nature and manmade, sea and mountain, past and future, memory and expectation, fixation and separation, opening and closure coexist, through a command of vocabulary pertaining to modern architecture that has once claimed to uphold universality or equilibrium. (Akira Yoneda)



Location Kobe, Hyogo, Japan
 Function a private house
 Site Area 276 sqm
 Built area 157sqm
 Total floor area 242sqm
 Structure three-stories steel frame structure
 completed 2004

Architect

Kiyoshi Nakamura



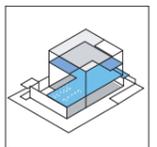
Architect/Assistant professor of Kyoto Institute of Technology
 1968 born in Kyoto, Japan
 1995 established architects unit "Kenchiku Shownen"
 1997 completed the doctor course of Architecture, Kyoto University
 1999 established "Nakamura Kiyoshi Architect"

Kiyoshi Nakamura / Selected Works



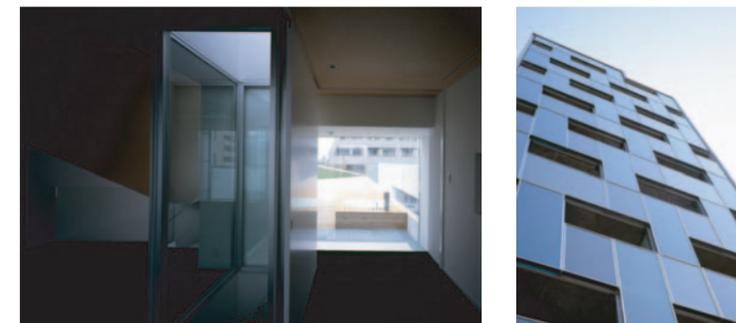
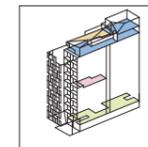
House Otowa

Location Kyoto, Japan
 Function two-family house
 Site Area 207.17 sqm
 Building Area 118.65 sqm
 Total Floor Area 261.59 sqm
 Structure three-stories reinforced concrete
 Design Term 2001.06-2002.06
 Building Term 2002.07-2003.03



Apartment Brock Toroyama-cho

Location Kyoto, Japan
 Function shop+apartment
 Site Area 267.77 sqm
 Building Area 207.21 sqm
 Total Floor Area 1931.18 sqm
 Structure twelve-stories reinforced concrete
 Design Term 2006.06-2007.02
 Building Term 2007.03-2008.06



Transsolar Climate Engineering
High Comfort – Low Impact

Transsolar is a leading climate engineering firm whose scope is to ensure the highest possible comfort for people with the lowest possible impact on the environment. This is accomplished by developing and validating climate and energy concepts through the recognition that environmental conditions are influenced by all aspects and stages of design. The firm works collaboratively with clients, architects, mechanical engineers and other consultants from the start of the design process, considering each step from the standpoint of fundamental thermodynamics and physics. Potential strategies are considered and evaluated for each project, intended to create a strong identity and individual expression for every unique situation. Through this process, a sustainable climate concept is then generated in which local conditions, form, material and mechanical systems are synergistic components of a well-orchestrated and overall holistic design.

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Year of foundation:

1992

Registration:

HRB 23347 Commercial Register Stuttgart, Germany

Managing directors:

Dipl.-Ing. Thomas Auer
 Dipl.-Phys. Stefan Holst
 Dipl.-Ing. Matthias Schuler
 Prof. Volkmar Bleicher

Principals:

Dr. Wolfgang Kessling
 Prof. Dr. Ing. Thomas Lechner
 Dipl.-Ing. Helmut Meyer
 MBA Dieter Schnelle
 Dipl.-Ing. Peter Voit

Turnover:

2003	3,5 Mio. €
2004	3,1 Mio. €
2005	3,4 Mio. €
2006	3,8 Mio. €
2007	4,5 Mio. €

Number of employees and their specialist areas:

- 9 Accounting / Personal / Law Expert / Master in Economic Engineering / Network Specialist
- 36 Engineers / Project Leader/ Expert Thermal Simulation / Expert Computer Fluid Simulation

Abu Dhabi, U.A.E. Masdar City Master Plan

Client: Abu Dhabi Future Energy Company

Site Area: 650 ha (1600 acre)

GFA: 6'000'000 m²

Architect: Foster & Partner London

Climate Engineer: Transsolar, Stuttgart
 Matthias Schuler, Tobias Fiedler, Pratik Raval,
 Friedemann Kik, Monika Lauster

Brief

Masdar City Master Plan

As member of the design team - consisting of the architects, traffic planners, infrastructure and renewable energy systems engineers and us as climate engineers - for the Masdar City Master Plan in Abu Dhabi, we developed a new and most holistic approach of defining sustainable urban development: The six square kilometer city, designed by Foster and Partner for the Abu Dhabi Future Energy Company, is eventually to house 50,000 people in accordance with WWF One Planet Living sustainability standards, which include specific targets for the city's ecological footprint. Masdar City plans to exceed the requirements of the 10 sustainability principles - zero carbon, zero waste, sustainable transport, sustainable materials, sustainable food, sustainable water, habitats and wildlife, culture and heritage, equity and fair trade, and health and happiness.

Independent and public verification of Masdar City's performance in meeting these standards is just one of the features distinguishing the project. Another is the commitment that the project will not just preserve existing regional biodiversity but enhance it. The design team developed all of these targets that are to be achieved by the time Masdar City is completed and fully functioning, in 2012 - 2017.

Masdar City is intended to be one of the world leading research and development hubs for renewable energy strategies and components based on the University Masdar Institute of Science and Technology. The laboratories and light industry production facilities are to support the vision of the UAE to develop from a technology importing into a technology exporting country with focus on renewable energy technologies. This also reflects the governments approach to prepare the UAE for the era after the oil.

Status:

- Masterplan phase 1 finished in January 2008
- Actual review and advice for infrastructure base of design
- Member of a advisory board with Foster and WSP to review all future development and to define a procedure of reviews during the design phases of the upcoming developments in the city

