

IWAMURA Atelier Inc.

## Corporate Overview

As of August 2017



IWAMURA Atelier Inc.

301 Park View Yokohama, 1-17-1 Aioi-co, Naka-ku, Yokohama, 231-0012 JAPAN

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Corporate Overview of IWAMURA Atelier  
Inc.

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Edited & Published by Kazuo IWAMURA, CEO

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Issued in August 2017

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## 1. Outline

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### 1.1 Authorized Architects' Firm: *IWAMURA Atelier Inc.*

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☐ Registered Number by the Kanagawa Prefecture Government : 16978

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- ☐ Address : 301 Park View Yokohama,  
1-17-1 Aioi-cho, Naka-ku, Yokohama, 231-0012 JAPAN
- ☐ Telephone : +81-45-211-9215      ☐ Facsimile : +81-45-211-9272
- ☐ E-mail : [webmaster@iwamura-at.com](mailto:webmaster@iwamura-at.com)
- ☐ URL : [www.iwamura-at.com](http://www.iwamura-at.com)
- ☐ Main Bank : RISONA Bank Co.,Ltd., SHIBUYA Branch
- 

### 1.2 Established in April 1980 by *Kazuo IWAMURA*

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#### 1.3 Staffs:

-*Kazuo IWAMURA*, M.E., Architect-JIA/ARCASIA/UIA:  
CEO, IWAMURA Atelier Inc. (see pp3~5)  
Professor Emeritus, Tokyo City University (TCU),  
Visiting Professor, Chu Hai College of Higher Education, Hong Kong  
Lecturer: Tokyo Institute of Technology, Tokyo, Japan

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-*Magdalena PRECHTL-IWAMURA*, B.A./Fine Art: Senior Director  
Lecturer, FARBER-CASTELL ACADEMY at Itoya

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-*Tomohito OKUDAIRA*, M.E., Director, Registered Architect: Architectural Design,

-*Kiyoshi MIISHO*, M.E., Director: Urban and Project Planning & Consulting

-*Kanto IWAMURA*, B.A., Architectural Design, Interior Design, Graphic Design

-*Keiko KASHINO*, Secretary

-*Ryoichi ISHIZAKI*, B.E., Partner, Registered Architect: Architectural Design

-*Eriko MAKIUCHI*, M.E., Partner, Registered Architect: Architectural Environment

-*Kazumi TOJYO*, B.E., Partner, Registered Architect: Architectural Design

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#### 1.4 Aligned Companies:

-**Earth Workshop Inc.** / Ecological Landscaping

-**TETENS Co., Ltd.** / Mechanical Engineering and Design

-**TIS & Partners Co., Ltd.** / Structural Engineering and Design

-**ORGAO Co., Ltd.** / Graphic Design & CI (Corporate Identity)

-**Environmentally Symbiotic Housing Promotion Council** / Sustainable B. E.

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## **2. Scope of Works**

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### **2.1 Research & Development**

- Research and analysis on natural environment
  - Research and analysis on social environment
  - R&D of Comprehensive Assessment System of Built Environment Efficiency (CASBEE)
- 

### **2.2 Planning**

- Regional and urban development planning
  - Research and planning of urban renewal
- 

### **2.3 Architectural Design**

- Architectural planning, design, and inspection
  - Construction management
  - Facility management
  - Interior, furniture and graphic design
  - Research and design of ecological landscaping and gardening
- 

### **2.4 Environmental Design**

- Environmentally Symbiotic Urban Design
  - Research, planning, design and execution of Environmentally Symbiotic Architecture (especially Environmentally Symbiotic Housing)
  - Research on “Building and Biology”
  - Research on Life Cycle Analysis in building industry
- 

### **2.5 Consulting**

- Consulting to governmental, municipal and private organizations, especially in the field of Sustainable Urban and Architectural Design
- 

### **2.6 Miscellaneous**

- Planning, design and execution of expositions, events, conferences and workshops, concerning the above commissions
  - Related information services, including translations (between English, German, French and Japanese)
  - Editing the related information etc.
-

### 3. Short Biography of Kazuo IWAMURA

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*Architect, AIJ/JIA/ARCASIA/UIA,  
CEO of IWAMURA Atelier Inc., Tokyo*

*Professor Emeritus at Tokyo City University, Tokyo*

*Visiting Professor at Chu Hai College, Hong Kong*

*Lecturer at Tokyo Institute of Technology, Tokyo*



#### 3.1 Private Data

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Born: 1948 in Kobe, Hyogo Pref., JAPAN  
 Nationality: Japanese  
 Languages: Japanese, English, German and French  
 Current address: 3-16-110, Shinoharadaimachi, Kohoku-ku, Yokohama, 222-0024 JAPAN  
 Tel. +81-90-9373-0055, Fax. +81-45-211-9272  
 e-mail: [iwamura@iwamura-at.com](mailto:iwamura@iwamura-at.com)

#### 3.2 Academic Career

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1971: Graduated from Faculty of Architecture, Waseda University, Tokyo / B.E.  
 1973: Graduated from Graduate School of Waseda University / M.E.(Architectural Design)  
 1973~1974: Scholarship in Paris, provided by French Ministry of Foreign Affairs  
 (Coopération Technique)

#### 3.3 Professional Career

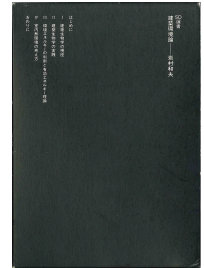
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1974~1977: Practices of urban and architectural design at Agence CANDILIS (Professor-Architect: Georges Candilis), in Paris (1974~76) and in Athens (1976~77).  
 1977~1980: Establishment of “AG5 (Arbeitsgemeinschaft für Architektur und Städtebau)” with 4 German architect-partners in Darmstadt, Germany (1977).  
 -Practices of town planning, urban and architectural design in Germany and Middle-East, mainly based upon ecological design approach of “Baubiologie (Building and Biology)”.  
 1980~Now : Establishment of “IWAMURA Atelier” in Tokyo (1980).  
 -Practices of urban and architectural research, design, implementation and consulting, based upon holistic environmental design approach through networking related experts or organizations according to project features.  
 -Major contribution has been the R&D of Symbiotic Housing Project.  
 -Lecturer of architectural and environmental design at 10 different universities, including graduate schools, in Tokyo, Perth (Australia) and Beijing  
 1998~2008: Professor at Faculty of Environmental & Information Studies, Musashi Institute of Technology, Yokohama.  
 -Special subject: Environmental design for a sustainable future  
 2009~2014: Professor at Faculty of Urban Life Studies, Tokyo City University (TCU), Tokyo  
 -Special subject: Urban dwelling design for a sustainable future  
 2014~ : Professor Emeritus at TCU, Lecturer at Tokyo Institute of Technology (Tokyo, Japan) and Visiting Professor at Chu Hai College (Hon Kong)

### 3.4 Affiliations and related activities

- “Union Internationale des Architectes (UIA: International Union of Architects)”  
*Vice-president, representing the Region IV (2008~2011)*  
*Co-director of Work Programme “Sustainable Architecture” (2005~2011)*  
*Co-director of the “International Competition Commission” (2011~)*
- “World Green Building Council (WGBC)”  
*Member of the Board of Directors (2007~2012)*
- “Passive & Low Energy Architecture (PLEA)”  
*Member of the Board of Directors (2006~2011)*
- “Japan Institute of Architects (JIA)”  
*Vice-President (2005~2006), Councilor (2002~2006, 2012~)*  
*Chair of the Committee of International Affairs (2002~2006, 2012~)*
- “Architectural Institute of Japan (AIJ)”  
*Council member (2006~2008)*  
*Committee of Global Environment, and Sustainable Building (1998~)*
- “Association for Environmentally Symbiotic Housing”  
*General Technical Consultant (1997~)*
- “Japan Society of Urban and Regional Planners”
- “Association for Nature Restoration and Conservation, Japan”
- “Institute of Housing Urban Technology (IHUT)”  
*Council member (2002~)*
- “Japan Sustainable Built Environment Consortium”(The mother of CASBEE)  
*Member of the Board of Directors (2010~)*

\*A



\*B



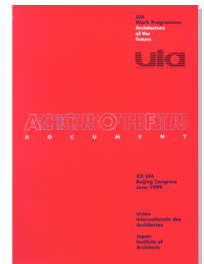
\*C



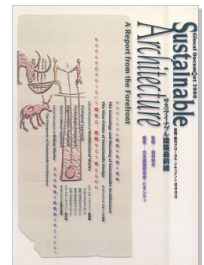
### 3.5 Books

- “Natürliche Konstruktion” by Frei Otto (Translation), Kajima Shuppankai, 1986
- “Architectural Environment,” Kajima Shuppankai, 1990 (\*A)
- “Forms of Co-living,” Kenchiku Shiryo Kenkyusha, 1997(\*B)
- “Symbiotic Housing A-Z,” BioCity, 1998 (The 2<sup>nd</sup> edition, 2009) (\*C)
- “Architecture of the Future (English),” Japan Institute of Architects, 1999 (\*D)
- “Glocal Document 2000, Forefront of Sustainable Architecture,” BioCity, 2000 (\*E)
- “Towards the Architecture for a Global Environment,” Shokokusha, 2002  
 (The 2<sup>nd</sup> edition, 2009)
- “Building, Culture & Environment”, Blackwell Publishing, UK, p332-358, 2003
- “asian breezes (English)”, Japan Institute of Architects, 2005(\*F)
- “Architecture for a Sustainable Future (English),” IBEC, 2005 (\*G)
- “Urban Design in the Era of Global Environment,” Maruzen, 2007 (\*H)
- “Housing for Human Security,” Sojyusha, 2012 (\*I)
- “CASBEE (English),” IBEC, 2014 (\*J)
- “Kaleidoscopic Review of Housing and Communities from around the Globe, 2015 (\*K)

\*D



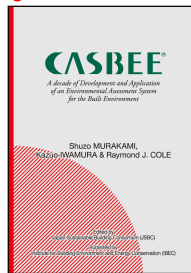
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\*K



\*J



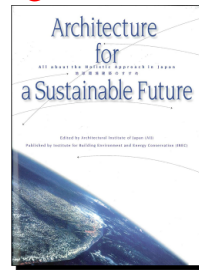
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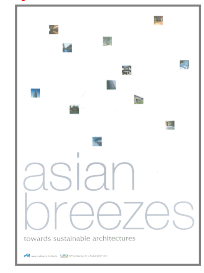
\*H



\*G



\*F



### 3.6 Architectural Works & *Awards(☆)*

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- “Japan Institute for Aging Control,” Fukuroi, Shizuoka Pref., 1986
- “141/L-Park Sendai (District renewal),” Sendai, Miyagi Pref., 1987
- “IWAMURA Residence in Ökologische Siedlung Kassel,” Kassel, Germany, 1990 (see P12)
- “Hudson Research Center,” Sapporo, Hokkaido Pref., 1992
- “Earth Village No.1” “Earth Village Home,” Kitakyushu, Fukuoka Pref., 1993
- “Funhouse Sapporo Studio (Recording Studio),” Sapporo, Hokkaido Pref., 1993 (see P13)
- ☆ *Good Design Award 1997, by Ministry of International Trade and Industry*
- “Iwaki Wind Village and the Center House,” Iwaki, Fukushima Pref., 1994 (see P14)
- “New Century Village” “Wood Nature House,” Ryugasaki, Ibaragi Pref., 1997
- “Setagaya-ku Fukasawa Symbiotic Housing,” Setagaya, Tokyo Pref., 1997 (see P15)
- ☆ *Environmental Architecture Prize 2000, by Japan Institute of Architects*
- ☆ *World Habitat Award 2001, by Building & Social Housing Foundation, UK*
- “Zelkova (SUNOBE Residence),” Minamiyono, Saitama Pref., 1997
- ☆ *Saitama Townscaping Prize 1998, by Saitama Prefecture*
- ☆ *Environmental and Energy Conservation Prize 1998, by IBEC*
- “YOMIKO Shonan OVA,” Yokosuka, Kanagawa Pref., 1998
- “ABC Housing Park,” Senri, Osaka Pref., 1999
- “Fukushima Pavilion of the 21<sup>st</sup> Century,” Fukushima Pref., 2001 (see P16)
- ☆ *American Wood Design Award, by the American Wood Association, 2002*
- “Yakushima Symbiotic Housing,” Kamiyaku, Kagoshima Pref., 2006 (see P17)
- “Makiuchi Dental Clinic,” Nagano Pref., 2001
- “Eco-house (as a permanent exhibit) for Miraikan,” Koutou, Tokyo Met., 2001
- “House of Outlook,” Misato, Saitama Pref., 2006 (see P18)
- ☆ *Environmental Architecture Prize, by the Japan Institute of Architects, 2008*
- “SOLAR SCHOOL: Deutsche Schule Kobe/European School,” Kobe, Hyogo Pref., 2009 (see P19)
- ☆ *A national model project of CO<sub>2</sub>e reduction, selected and subsidized by the Ministry of Land, Infrastructure, Transport and Tourism, 2008*
- ☆ *Environmental Architecture Prize: 1<sup>st</sup> Prize, by the Japan Institute of Architects, 2013*
- “S Residence,” Meguro, Tokyo, 2012
- “Asahi Newspaper Distribution Center,” ASA Fujisawa Ltd., Fujisawa, 2013
- “NEXT21 Renovation Competition,” Osaka Gas Corporation Ltd., Osaka, 2014 (see P21)
- ☆ *Good Design Award 2015, by the Japan Institute for Design Promotion*
- ☆☆ *“Architectural Institute of Japan Prize” for the series of works of Environmentally Symbiotic Housing, by Architectural Institute of Japan, 2003*






*and many others*

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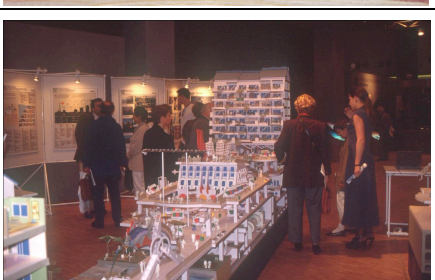
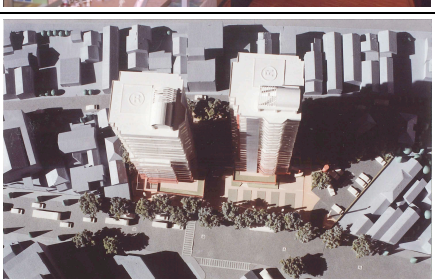
## 4. Representative architectural works

### 4.1 List of major works -1

	Name, Client, etc	Category	Location	Execution	Photo
01	<b>Japan Institute for Aging Control</b>  Nikken Food Co.,Ltd Site Area: 2,979 m <sup>2</sup> GFA : 1,453 m <sup>2</sup> RC・2F	Research Institute Office	Fukuroi, Shizuoka	1985.10	
02	<b>Maison d'Hoshino</b>  Mr. H Site area:415 m <sup>2</sup> GFA: 720 m <sup>2</sup> RC・3F+B1F	Condominium	Meguro, Tokyo	1990.08	
03	<b>House IWAMURA, Kassel Ecological Settlement</b>  Kazuo IWAMURA Site are:769 m <sup>2</sup> GFA: 217 m <sup>2</sup> Wooden 2F+B1F	Eco-house in a corporative eco village initiative  ☆Simon Louis du Ry Award 1993, Bund Deutscher Architekten (BDA)	Kassel, Hessen, Germany	1991.08	
04	<b>Hudson Research Center</b>  Hudson Co.,Ltd. Site area:8,000 m <sup>2</sup> GFA: 2,878 m <sup>2</sup> RC・3F	Office Museum	Sapporo, Hokkaido	1992.08	
05	<b>Funhouse Sapporo Studio</b>  Funhouse Co.,Ltd. Site area: 5,000 m <sup>2</sup> GFA: 1,924 m <sup>2</sup> RC・3F	Recording studio Accommodation  ☆Good Design Award 1997, by Ministry of Economy, Trade and Industry	Sapporo. Hokkaido	1993.03  1997	

GFA: Gross Floor Area

## List of major works -2

	Name, Client, etc	Category	Location	Execution	Photo
06	<b>Kitakyushu Earth Sweet Village, Center House</b>  City of Kitakyushu Site area:        m <sup>2</sup> GFA:        338 m <sup>2</sup>	Environmentally Symbiotic Housing Fair, Center house	Kitakyushu, Fukuoka	1993.08	
07	<b>Iwaki Wind Village</b>  Regional Development Agency Site area: 15,100 m <sup>2</sup>	Environmentally Symbiotic Housing Fair	Iwaki, Fukushima	1994.10	
08	<b>Iwaki Wind Village, Center House</b>  Regional Development Agency GFA:    185 m <sup>2</sup> Wooden   2F	Exhibition house for environmentally symbiotic housing fair, Office	Iwaki, Fukushima	1994.10	
09	<b>Urban Space of Tokyo Exhibition: L'Habitat Symbiotique</b>  Tokyo Metropolitan Government	Eco-city exhibition; Planning, Design, Production & Execution	Louvre, Paris, France	1994.10	
10	<b>Twin Tower Hirosegawa, Shumpo</b>  Urban Renewal Union Site area: 4,052 m <sup>2</sup> GFA:    16,113 m <sup>2</sup> SRC • 28F+B1F	Urban renewal; High-rise condominium, Commercial, Clinic	Sendai, Miyagi	1995.02	

GFA: Gross Floor Area



## List of major works -3

	Name, Client, etc	Category	Location	Execution	Photo
11	<b>Fukasawa Symbiotic Housing Complex</b> Setagaya-ward Site area: 7,388 m <sup>2</sup> GFA: 6,200 m <sup>2</sup> RC · 5F CASBEE ★★★★★	Social housing complex, Public day home (70DU + Public facilities)	Setagaya, Tokyo	1997.03	
		☆World Habitat Award 2001” , by Building & Social Housing Foundation, UK		2001	
12	<b>YOMIKO Shonan OVA</b> YOMIKO Advertisement Inc. Site area: 4,805 m <sup>2</sup> GFA: 1,556 m <sup>2</sup> RC · 3F	Seminar facilities: Conference Hall Restaurant Lounge Accommodation	Yokosuka, Kazagawa	1998.03	
13	<b>Yakushima Symbiotic Housing</b> Kagoshima Pref. + Kamiyaku-cho Site area: 19,750 m <sup>2</sup> GFA: 3,967 m <sup>2</sup> Wooden · 1F	Social housing complex, (50DU + Public facilities)	Kamiyaku, Kagoshima	1 <sup>st</sup> stage: 2001 2 <sup>nd</sup> stage: 2006	
14	<b>Fukushima the 21<sup>st</sup> Century Pavilions</b> Fukushima Pref. Site area: 1,000 m <sup>2</sup> GFA: 661 m <sup>2</sup> Wooden · 1F	Exhibition pavilion Biotope	Sukagawa, Fukushima	2001.05	
		☆American Wood Design Award 2002, by the American Wood Association		2002	
15	<b>House of Outlook</b> Dr. S Site Area: 977 m <sup>2</sup> GFA: 84 m <sup>2</sup> Wooden · 1F CASBEE ★★★★★	Weekend house	Misato, Saitama	2006.08	
		☆Environmental Architecture Prize 2008, by the Japan Institute of Architects ☆Environmental Building & Housing Prize 2009, by Saitama Prefecture		2008	

GFA: Gross Floor Area

## List of major works -4

	Name, Client, etc	Category	Location	Execution	Photo
16	<b>Global Hill No.1 (Project)</b>  Institute of Urban Housing Technology Site area: 34,000 m <sup>2</sup> GFA: 88,100 m <sup>2</sup>	Commercial Office Museum Condominium	Matsuyama, Ehime	2006.09	
17	<b>German School Kobe European School</b>  German School Kobe Cite area : 2,192 m <sup>2</sup> GFA : 1,505 m <sup>2</sup> Wooden & RC ・ 2F CASBEE ★★★★★	Nursery Kindergarten Elementary school	Kobe, Hyogo	2009.07	
		□A national model project of CO <sub>2</sub> e reduction, selected and subsidized by the Ministry of Land, Infrastructure, Transport and Tourism in 2008 □JIA Best Sustainable Architecture Prize 2013		2008  2013	
18	<b>Asahi Newspaper Distribution Center</b>  ASA Fujisawa Ltd., Cite area : 373.3 m <sup>2</sup> GFA : 941.3 m <sup>2</sup> RC ・ 5F	Newspaper shop Office Hall Housing	Fujisawa, Kanagawa	2013.07	
19	<b>S Residence</b>  S. Corp. Ltd. Site Area : 780 m <sup>2</sup> Floor Area : 1,110 m <sup>2</sup> RC ・ B+3F	Private Residence	Meguro, Tokyo	2012.03	
20	<b>4G HOUSE (NEXT21 404)</b>  Osaka Gas Co.,Ltd. Site Area : 1,542 m <sup>2</sup> Floor Aea : 83 m <sup>2</sup> RC	Condominium Through renewal of Apartment 404 Chat Corner	Tennoji, Osaka	2014.07	
		□Good Design Award 2015 (Japan Institute for Design Promotion/Ministry of Economy, Trade & Industry)		2015	

GFA: Gross Floor Area



## Iconic International Event

### UIA2011TOKYO

Date: 2011.9.25~28

Venue: Tokyo International Forum

Participants: 5,100p

Nationalities: 110

Visitors: More than 10,000p including those for other ass



The Prime Minister of Bhutan gives audience with His Majesty The Emperor

#### The Emperor & Empress' Reception

As the Vice-President of UIA, IWAMURA had been making thorough efforts of coordinating with Japan Organizing Board (JOB), as well as of playing core roles for planning, producing and executing a variety of events and programs.



#### The Main Theme of the Congress

UIA (International Union of Architects) unites more than 1.4 million architects of 124 nations and regions from around the world.



#### Full of audiences from around the world

In spite of tremendous difficulties in the aftermath of the earthquake and tsunami disaster on March 11, UIA2011TOKYO was successfully held and organized as an unforgettable milestone in the UIA history.

Joint session, organized and moderated by IWAMURA

## 4.2 Panels of the representative works

1) House IWAMURA (East in West).....	12
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1)

## House IWAMURA (East in West)

Kassel, Germany

*A wooden detached house in the Ecological Settlement Kassel*

City of Kassel experienced a drastic change after the reunification of West and East Germany in 1991. Before this the city promoted the policy to call for settlement of young families due to suffering its low density. After this event in turn, Kassel is now located at the center of Germany served by the convenient high speed railway network.

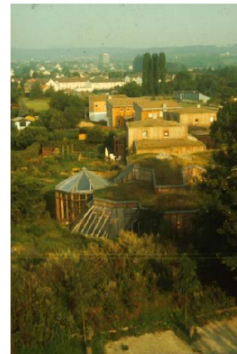
Ecological Settlement Kassel, a collective initiative of people who considered green and healthy residence compulsory for our future sustainability as early as 1980s. This group gave efforts to draw up the concept including design brief, which was accepted by the City for the collaborative development using an affordable piece of land in Kassel. The major idea of the conditions was to follow ecological solutions of building house, based upon the thought of "Building and Biology" frequently discussed in Germany since the early 1970s.

The 1st phase of the development was directed by the architects, Prof. M. Hegger and Prof. G. Minke, who are now renowned as the leaders of green architects in Germany. I myself and my wife, close friends of them, decided to participate into this initiative for building our own house following the design brief. We learned a lot through this participatory process of works in terms of methodology regarding such a common program to create a unique settlement with a community sharing the Zeitgeist of sustainability.

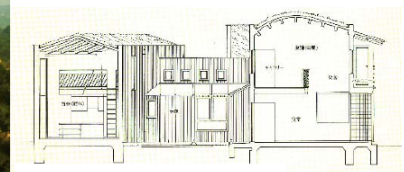
As a pioneer project of passive & green built-environment, the settlement experienced already 30 years of maturing process. Good or bad, we have been facing communal problems during these years, however, the discipline of discussion has been always the basic rule within this community. We are enjoying this socio-human aspect as well as the matured physical situation, now covered by grown-up greenery.



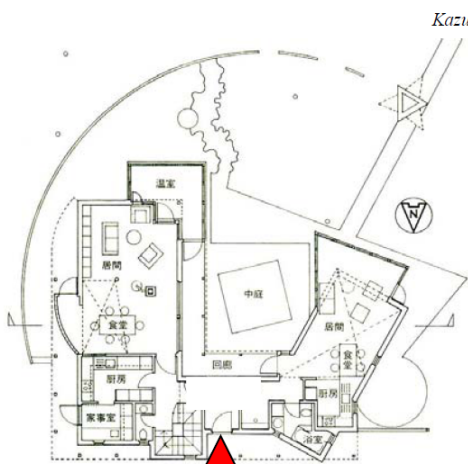
North Elevation



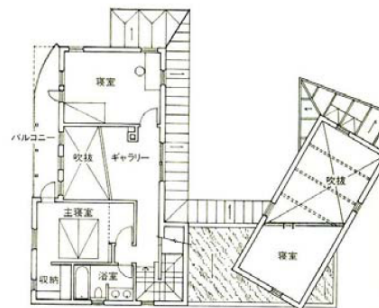
Ecological Settlement Kassel



West-East Section



GF Plan



1F Plan



Main house



Detached studio



Communal discussion

### Architectural Summary

- Name: House IWAMURA
- Address: Am Wasserturm, Kassel, Germany
- Planning & design period: 1989~1990
- Completion: August, 1991
- Site Area: 769m<sup>2</sup>
- Floor Areas: 217m<sup>2</sup>
- Associated Facilities: Biotope Garden
- Planning & Design: IWAMURA Atelier Inc. + HHS

□ Simon Louis du Ry Award 1993, Bund Deutscher Architekten (BDA), for the settlement



## 2)

# Funhouse Sapporo Studio

Sapporo, JAPAN

*A resort recording studio for a short to long stay in the nature*

City of Sapporo has developed since 1986 the Art Park, a vast area for art activities of citizens, including a new type of municipal art school in the Southern part of the city. Next to it, we were fortunately commissioned to plan and design an industrial zone for the private related initiatives as well as two buildings comprising Hudson Research Center and Funhouse Sapporo Studio.

Funhouse Sapporo Studio is a unique facility of this kind, which accommodates a 1<sup>st</sup> class recording studio and fully equipped accommodations for short to long stay in the natural environment. The venue was advised by Leonard Bernstein who loved the atmosphere of Hokkaido as a top musician. Specific design considerations are as follows;

### A village-like configuration of the facility:

On a hilly site within a natural environment, whole facility was integrated in the geography and topology so that the users can enjoy the environmental hospitality as well as concentrate on creating music during their stay in this village-like facility.

### The 1<sup>st</sup> Class recording studio:

Through the collaboration with the renowned experts of acoustic design and the client, the 1<sup>st</sup> class resort recording studio was designed after through investigations including research visits of excellent overseas examples. This studio is equipped with a console desk once used by the Rolling Stones, and partially finished with local stones (tuff) of Sapporo as well as a variety of quality woods.

### A variety of accommodations:

This studio allows a variety of users' staying styles from short to long period according to their requirements. A cozy living and dining room with a big fireplace is the center of hospitality, associated with a large Japanese bath room, a play room and the like.

Mr. & Mrs. George Martin, former producer of the BEATLES, came over here to celebrate the opening ceremony.

Kazuo Iwamura



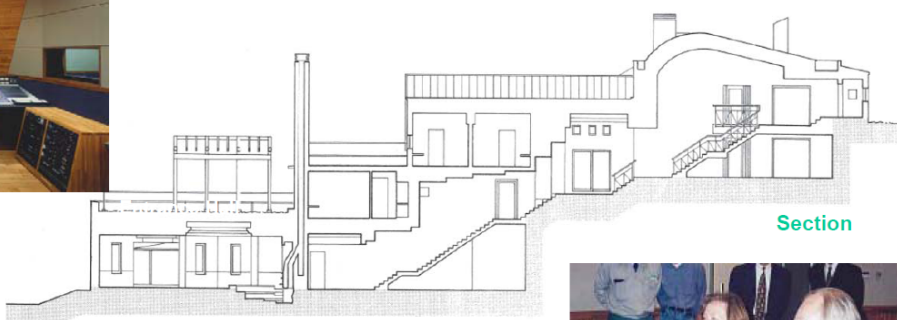
East elevation



Roof top garden



Recording studio



Section

### Architectural Summary

- Name: Funhouse Sapporo Studio
- Address: Art forest, Sapporo, JAPAN
- Planning & design period: 1991~1992
- Completion: March 1993
- Site area: 5,000m<sup>2</sup>
- Total floor area: 1,924m<sup>2</sup>
- Planning & Design: IWAMURA Atelier Inc.



Mr. & Mrs. George Martin



IWAMURA Atelier Inc. [www.iwamura-at.com](http://www.iwamura-at.com)

□ Good Deign Award 1997, by the Ministry of Economy, Trade and Industry

3)

## Iwaki Wind Village Center House

Iwaki, JAPAN

*A wooden timer construction as a green landmark of the IWAKI New Town*

Iwaki City, a northern local city of Fukushima prefecture has a large new town for both industry and residence. To promote a future residential form of sustainable development, the Regional Public Corporation organized a model village of detached houses around the biotope garden, named "Wind Village."

Commissioned by the developer, we planned and designed the whole masterplan of the village, as well as the center house for the information provision and the management of the village. This was the first attempt to promote an environmentally symbiotic asset by a public body in Japan. Private housing providers built model house surrounding the biotope garden according to the given design brief.

The Center House is of a genuine wooden timber construction, blended with the Japanese traditional building system, the roof of which is totally covered by a thin grass layer for better thermal condition and landscape. It has also a couple of small towers for daylighting and natural ventilation, named "light tower" and "wind tower" respectively. These particular design elements created a landmark of the new town, which explicitly shows a future image of sustainability integrated into the Japanese architectural tradition.

Based upon such concept, this village was heavily visited by the people and affected the concept of the further development of the new town. Thus, this center house was relocated and preserved after the period of temporal exhibition of the Wind Village.

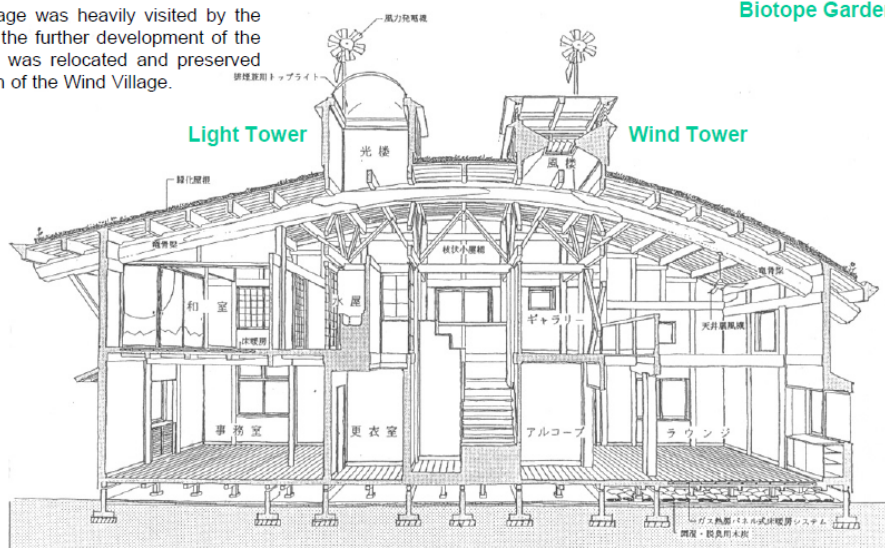
Kazuo Iwamura



Biotope Garden



Upward view of the interior



Sectional perspective

South Elevation



### Architectural Summary

- **Name:** Iwaki Wind Village Center House
- **Address:** Iwaki, Fukushima, JAPAN
- **Planning & design period:** 1993
- **Completion:** October, 1994
- **Site Area:** 15,100m<sup>2</sup>
- **Floor Areas:** 185m<sup>2</sup>
- **Associated Facilities:** Biotope Garden
- **Planning & Design:** IWAMURA Atelier Inc.
- **Structural Engineering:** Kimihiro MIYASAKA



IWAMURA Atelier Inc. [www.iwamura-at.com](http://www.iwamura-at.com)



#### 4)

## Fukasawa Symbiotic Housing Complex Tokyo, JAPAN

*A rebuilding initiative of post-war social housing asset for a sustainable future*

The Setagaya Ward decided to dismantle the 39 municipally owned and dilapidated wooden detached houses, built in 1952 as a post-war policy drive on a site of 7,388m<sup>2</sup>, and to replace them with a complex of five apartments of 70 dwelling units in total, associated with a variety of community facilities under the banner of "Environmentally Symbiotic Housing".

The goals of this initiative were 1) to help preserve the global environment, 2) to be in harmony with the local environment, and 3) to provide a comfortable and healthy residential environment, through this rebuilding process. Respecting and preserving the historical elements of the place including the rich greenery was one of the central planning agendas. It was required to enhance the quality of life on and off the site with least environmental loads, as well as to guarantee an increase of its affordable housing capacity. The new housing was, therefore, designed and built with deep consideration to the local natural conditions, and incorporated various passive day-lighting, heating, and cooling solutions.

The types of apartment were planned to create a social-mix, integrating custom-built units for disabled users and others for elderly residents into the ordinary social housing type around the central court. The rebuilt complex reached its 18<sup>th</sup> anniversary in April 2015, and has developed again into a close-knit community nowadays unusual in Tokyo through its maturing process.

The voluntary Residents' Association has been providing a forum for discussion and problem-solving, and also organized cleaning, recycling, and gardening rota. The residents' prior involvement in the planning and running process of the complex helped enhance the level of their communal and environmental awareness.

As a governmental pilot project, this initiative has attracted attentions and debates locally, regionally, nationally, and even globally (World Habitat Award 2002).

Kazuo Iwamura

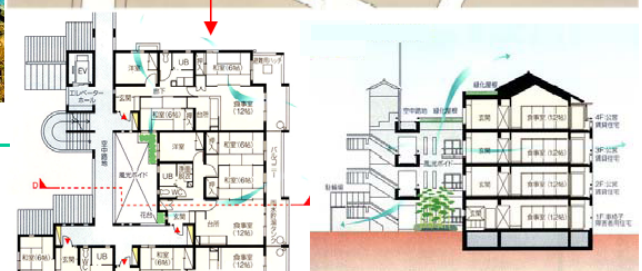


### Architectural Summary

- **Name:** Setagaya-ku Fukasawa Symbiotic Housing
- **Address:** 4-17, Fukasawa, Setagaya Ward, Tokyo, JAPAN
- **Planning & design period:** 1993~1995
- **Completion:** March, 1997
- **Site Area:** 7,388m<sup>2</sup>
- **Floor Areas:** 6,200m<sup>2</sup> (Housing: 5,537m<sup>2</sup> + Day Home: 594m<sup>2</sup> + Meeting Hall: 69m<sup>2</sup>)
- **Housing Units:** 70 (Ordinary Social Housing: 40, Housing for Disabled: 3, Housing for Elderly: 17, Housing for Middle-income: 10)
- **Associated Facilities:** Ward's Day Home, Meeting Hall, Salon for elderly residents, Public Open Areas, and etc.
- **Total cost:** 2 billion JYN (ca. 18.2 million US\$ as of 1995)
- **Planning & Design:** Setagaya Ward + Ichijura Planners & Architects / IWAMURA Atelier Inc.



IWAMURA Atelier Inc. www.iwamura-at.com



☆ Environmental Architecture Prize 2000, by Japan Institute of Architects

☆ UN-World Habitat Award 2001", by Building & Social Housing Foundation, UK



5)

## Fukushima the 21<sup>st</sup> Century Pavilion Fukushima, JAPAN

*A temporary green pavilion for an exposition, relocated for permanent public use*

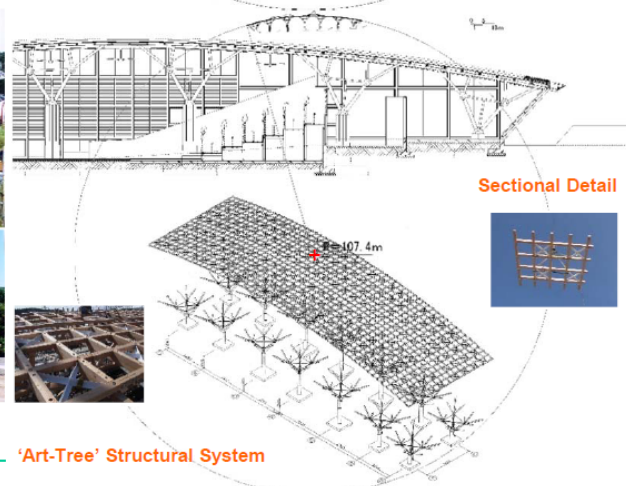
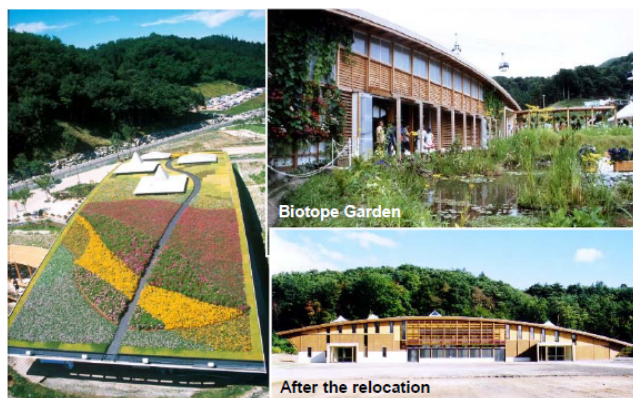
**Fukushima Prefecture**, a northern local state in Japan, has long been proposing to move a part of Japan's capital from Tokyo to the nature rich region like Fukushima with convenient access. To promote this policy, a unique local exhibition "Utsukushima Future Expo" was held in a hilly forest area of Sukagawa City in the summer of 2001. This wooden building was originally designed as a temporary pavilion for this exposition.

Based upon such pre-condition, this representative pavilion of the prefecture was designed to be totally integrated into the surrounding forest and agricultural nature including scenic terrace rice fields using full scale of timber products, as well as to be able to relocate this provisional pavilion to other place for permanent use after the closing of exposition.

Covering a part of the terraced ground with a large gentle arch-like roof of wooden grid structure, which was thoroughly covered with green and flowerbed, and supported "A city nesting in the forest". Major considerations to create a truly 'green' architecture by 'passive design' included energy efficient indoor climate control using natural ventilation, natural building materials and mitigation effects of greenery on the rooftop and exterior walls. The landscape design with a biotope in front of the southern façade was also elaborated to enhance this objective. During the exposition, the unique large interior space could accommodate diverse presentations related to the future sustainable city as well.

All of the structural members such as timbers and steel joints specially developed for this temporally pavilion had been designed to be able to be dismantled and reassembled on another site near Fukushima Airport for permanent use as a hall in the park after the expo has been closed. This relocation was successfully executed in March 2002.

Kazuo Iwamura



### Architectural Summary

- **Name:** Fukushima the 21<sup>st</sup> Century Pavilion
- **Address:** Sukagawa, FUKUSHIMA, JAPAN
- **Planning & design period:** 1998~2000
- **Completion:** May, 2001
- **Site Area:** 1,000m<sup>2</sup>
- **Floor Areas:** 661.0m<sup>2</sup>
- **Associated Facilities:** Biotope Garden
- **Planning & Design:** IWAMURA Atelier Inc.
- **Structural Engineering:** TIS Partners Co., Ltd.



IWAMURA Atelier Inc. [www.iwamura-at.com](http://www.iwamura-at.com)



☆ American Wood Design Award 2002, by the American Wood Association



## 6)

# Yakushima Symbiotic Housing

Kagoshima, JAPAN

*A Social Housing Complex on a semi-tropical island of the World's Natural Heritage*

**Yakushima Island**, registered as the World's Natural Heritage, is called "Alps on the Ocean". The project site is in its northern part at Miyanouura, where fifty dwelling units of social housing was planned to build due to the shortage of housing there of its kind. This was a model project of the "House in the South" of Kagoshima Prefecture, planned and designed on the seashore terrace between the sea in front and the mountains behind, conforming to its semi-tropical climate and its characteristic natural environment aspects including the overwhelmingly much rainfall and the rich vegetation.

Based on the findings and knowledge after the thorough investigation in the pre-design phase, a lot was learned from existing vernacular villages with full of attractive solutions. Major objectives were to create a new village of one-storied wooden houses that conform to the locality, focusing on the issue of energy and resources, as well as to provide a variety of common spaces that may contribute to supporting the neighborhood community activities during its maturing process. Post Occupancy Investigations have been also executed by students to examine such process as one of the post-design initiatives.

**Major considerations** of this initiative include;

- >Making a base for green networking, in order to regenerate the former forest on the seashore terrace
- >Making houses and village with local natural materials such as timbers and stones
- >Creating beautiful and town-and land-scape, respecting the original geological resources
- >Planning and designing houses and village for easy maintenance to be done by the voluntary commitment of the residents
- >Making long-life infrastructure and houses against frequent typhoons, heavy rain, salt and termite damage, and etc.
- >Providing a variety of housing types through simple wooden framework and its combination.

Kazuo Iwamura



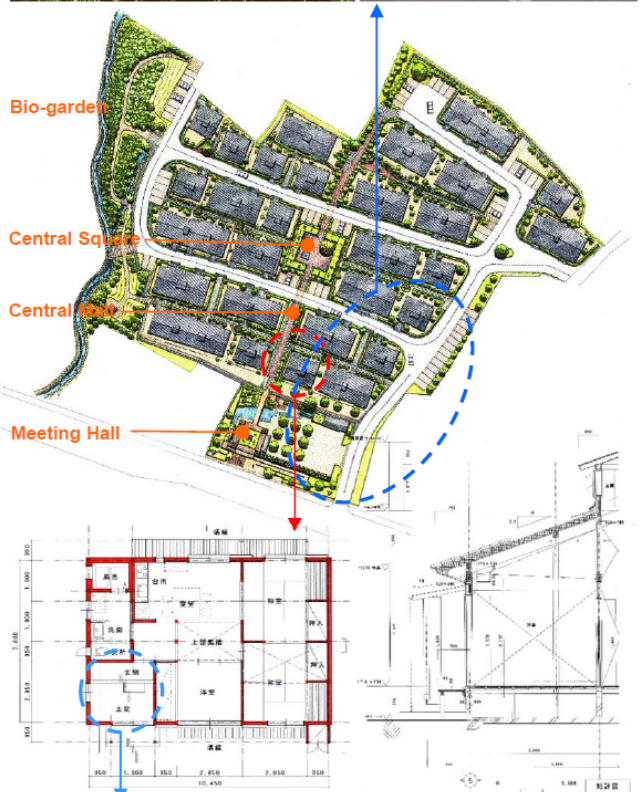
Resident's Initiative



Southern Side View

### Architectural Summary

- **Name:** Yakushima Symbiotic Housing
- **Address:** Miyanouura, Kamiyaku-cho, Kagoshima, JAPAN
- **Planning & design period:** 1998~2000
- **Completion:** The 1st Phase/Nov. 2000, The 2nd Phase/Nov. 2006
- **Site Area:** 19,750m<sup>2</sup>
- **Total Floor Areas:** 3,967m<sup>2</sup>
- **Housing Units:** 50(Ordinary Social Housing: Prefecture owned 24 + Municipally Owned: 26), Traditional Timber Construction
- **Associated Facilities:** Communal Meeting Hall, Center Square, Center Mall, Bio-garden, Commons, Carports, and etc.
- **Planning & Design:** Kagoshima Prefecture + IWAMURA Atelier Inc./ Kagoshima Cooperative Society of Architects Offices JV



Entrance

Central Square

Common Path

7)

## House of Outlook

*A house for the Lifestyle of Health and Sustainability (LOHAS) in a rural landscape*

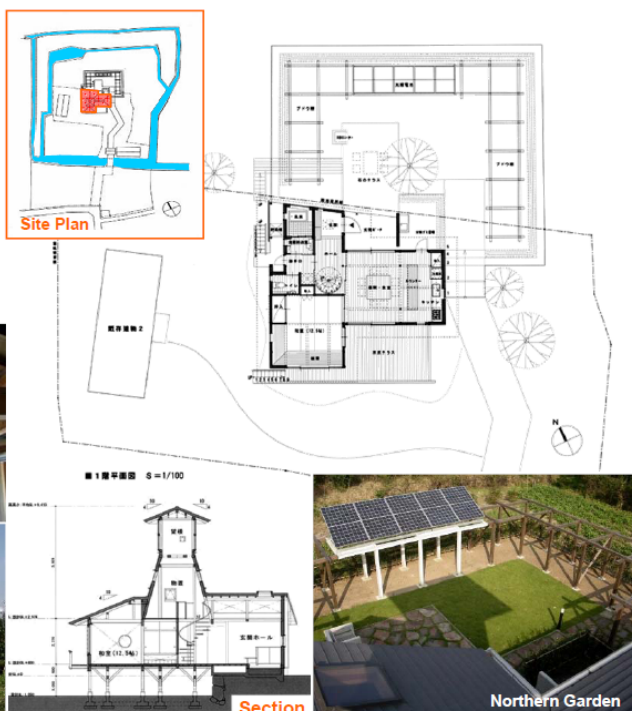
It's really an unexpected fun to examine the place in which diverse ideas & thoughts of environmentally conscious design are embedded. House of Outlook gave us such an opportunity. Celebrated by the rich rural environment, the exceptionally ample size and resources of the site of an old family allowed us to develop a fantastic design solution to respect and integrate the prior resources including a small wood, a pond, canals and a platform with stonewall in the middle.

The house owner, an elderly doctor, gave us two major requests to create; 1) A tower of outlook, where he may enjoy reading books alone and the view from the elevated view point, being the most symbolic element of this house, and 2) Totally healthy house through natural ventilation and safe materials for the best indoor air quality. The small tower was designed to fulfill the both objectives as well as to become a landmark of the neighborhood.

To maximize the gravity ventilation through the tower as heat chimney, openings were carefully designed at high-and low levels, which allow fresh air to go through the house. Appropriate insulation and air-tightness were key methods of creating better thermal environment. Here has been adopted recycled PET insulation to be blown into the walls. House equipment, lighting and boiler have been selected according to its energy efficiency.

Health of body and mind is the top priority of the owner. We thoroughly examined building materials by means of MSDS (Material Safety Data Sheet), and 24hr ventilated for the health of residents. What matters is the maintenance after completion. Living amenity, comfort and even longevity depend on the relationship between the house and the residents willing to live in for long time. To encourage such engagements, all the information about the house was prepared and compiled into the "House Book" including the result of CASBEE assessment (S class: ★★★★★) that visualizes its comprehensive environmental efficiency.

Kazuo Iwamura



### Architectural Summary

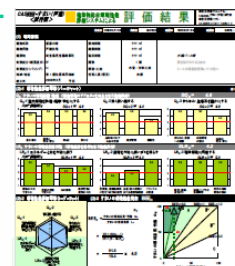
- Name: House of Outlook
- Address: Misato, Saitama, JAPAN
- Planning & design period: 2005~2006
- Completion: August, 2006
- Site Area: 978m<sup>2</sup>
- Floor Areas: 84m<sup>2</sup>
- Associated Facilities: Northern Garden
- Planning & Design: IWAMURA Atelier Inc.



IWAMURA Atelier Inc. [www.iwamura-at.com](http://www.iwamura-at.com)



House Book



☆ Environmental Architecture Prize 2008, by the Japan Institute of Architects

☆ Saitama Environmental Building & Housing Prize 2009, by Saitama Prefecture



8)

## Deutsche Schule Kobe / European School

Kobe, JAPAN

### SOLAR SCHOOL: A model of sustainable wooden schoolhouse

The publicly-owned site for this project lies at the heart of the "Rokko Island", one of the most symbolic urban development projects of the City of Kobe to date. The municipality has long given efforts to promote the movements towards an "Eco-City" beyond the nightmare of unforgettable Hanshin-Awaji Great Earthquake in 1995.

Such background gives considerably significant meanings to this project, although the physical size of the school is relatively modest. Having its basis in the culture of Germany and Europe, where the leadership of the environmental policies has been taken since early years, the major objectives of this project include building a highly environmentally conscious schoolhouse in terms of energy saving, lifestyle and educational aspects.

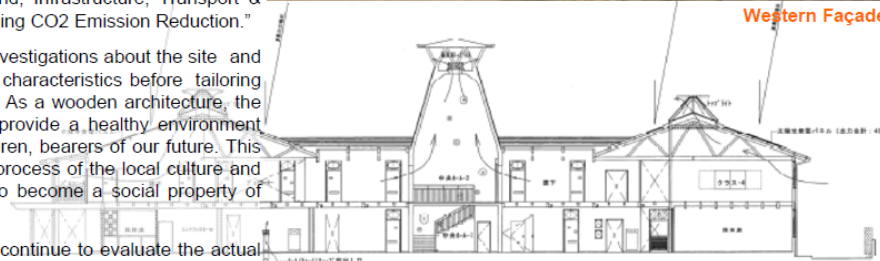
Given the above, we, IWAMURA Atelier Inc., have been very much pleased that we were selected to design and build here a new representative school as a leadership project of "environmentally symbiotic architecture" taking maximum advantage of the rich solar benefits, namely "SOLAR SCHOOL." This initiative has been acknowledged by the Ministry of Land, Infrastructure, Transport & Tourism as a model project of "Propelling CO2 Emission Reduction."

To this end, we first made thorough investigations about the site and its region and efforts to discover the characteristics before tailoring the design to meet the requirements. As a wooden architecture, the schoolhouse has been designed to provide a healthy environment with low environmental loads for children, bearers of our future. This must also contribute to the maturing process of the local culture and townscape of the designated area to become a social property of Kobe.

Following the start of occupancy, we continue to evaluate the actual performances of the schoolhouse through EMLIS as a part of environmental education.



Western Façade



Longitudinal Cross Section

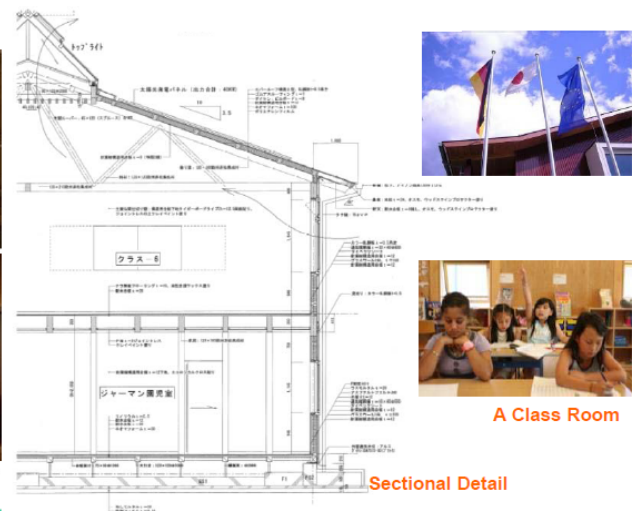
Kazuo Iwamura



Central Corridor on 2F

Entrance Hall

Top-side Light



Sectional Detail

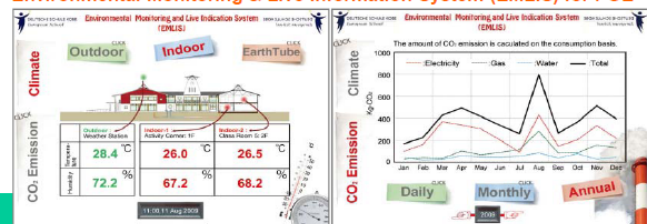


A Class Room

#### Architectural Summary

- Name: Deutsche Schule Kobe / European School
- Address: Koyochi-naka, Higashinadaku, Kobe, JAPAN
- Planning & design period: Dec. 2007 ~ Nov. 2008
- Completion: June 2009
- Site Area: 2,193 m<sup>2</sup>
- Floor Areas: 1,503 m<sup>2</sup>
- Associated Facilities: Corner Park
- Planning & Design: IWAMURA Atelier Inc.
- Structural Engineering: TIS Partners Co., Ltd.

#### Environmental Monitoring & Live Information System (EMLIS) for POE



■ A national model project of CO<sub>2</sub>e reduction, selected and subsidized by the Ministry of Land, Infrastructure, Transport and Tourism in 2008

■ JIA Best Sustainable Architecture Prize 2013

## 9)

# Shibuya Terminal Project 2050

## Green Hill Terminal as a Backcasting Project

Tokyo, JAPAN

'Backcasting' is a technique that often is pointed out as an opposite to 'forecasting.' It involves identification of a particular scenario and tracing its origins and lines of development back to the present. The activity of 'backcasting' involves establishing the description of a very definite and very specific future situation. It then involves an imaginary moving backwards in time, step-by-step, in as many stages as are considered necessary, from the future to the present, in order to reveal the mechanism through which that particular specified future could be attained from the present.

Our goal of this Shibuya Terminal Project 2050 is to backcast a future urban image of the Shibuya terminal district, being one of the most popular city centers in Tokyo. Major points are as follows;

### Future urban space embracing its own memories by

- 1) Creating a symbolic terminal space as "Green Hill" in the valleys
- 2) Embracing a number of various squares and court-yards
- 3) Interconnecting the traffic systems through the gigantic hill

### Restoration of the water system and the waterfront by

- 4) Reviving the Shibuya's urban-ecology and original town-scape
- 5) Reproducing the rivers and waterfronts
- 6) Improving the micro-climate by circulating the ground water

### Creation of greening spot connected with the local resources by

- 7) Creating a base of connecting water and greenery in the district
- 8) Creating a gigantic green hill to mitigate the heat-island effects and urban noise
- 9) Reviving tea plantations and flower gardens

### Creation of a unique town-scape by

- 10) Gently sloping hill covering the sunken topography and embracing various holes as squares and court yards: "a porous hill"
- 11) Impressive terminal space covered by a giant solar roof
- 12) Dramatic space integrated with a variety of traffic squares and terminals
- 13) Urban townscape dominated by gently curved structure

Kazuo Iwamura



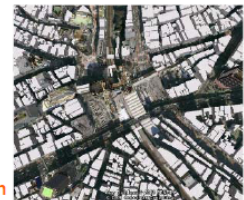
### Architectural Summary

- **Name:** Shibuya Terminal Project 2050
- **Address:** Shibuya, Tokyo, JAPAN
- **Planning & design period:** Oct. 2009 ~ Jan. 2010
- **Completion:** N/A
- **Planning & Design:** IWAMURA Atelier Inc.



Bird's eye view

## Towards and back from the future

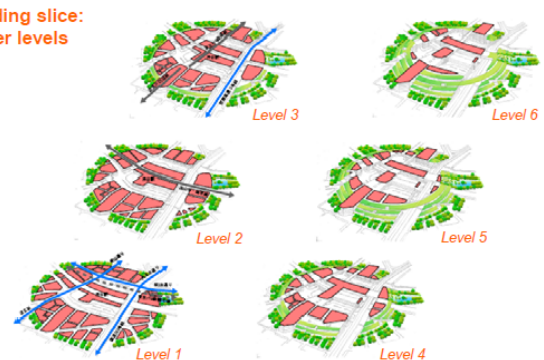


Current situation

### Building slice: Upper levels



### Building slice: Lower levels





# 10) 4G HOUSE in NEXT21

*New residential form for the future structure of a household and lifestyle*

Osaka, JAPAN

**NEXT21** is a milestone project of sustainable architecture in Japan, experimentally built by Osaka Gas Co.,Ltd. for its employees in 1993. Since the completion, post occupancy investigations have been conducted including the retrofitting of several apartments according to specific concept representing the future requirements of a household and lifestyle. Accordingly, an open competition of the Phase 4 was held to select design partners for the total renewal of apartments 404 and 501. Our proposal "4G HOUSE" was selected for 404 and completed in 2014. The open building system (skelton-infill) of NEXT21 made it possible.

**4G HOUSE** was proposed, taking the current problems of small households in terms of economy and daily life into account, for a future image of a family in 2020. Our basic idea is to accommodate 4 females of 4 generations, who would like to live together for their independency supporting each other.

**The major concept** of this proposal is as follows:

>How to live dispelling the anxiety of economic basis weakened by the progressing extremely aging society with a low birthrate. In the contemporary society, it is not realistic to plan a residence for a big family like former time, however, it might be a solution for the relatives of vertical generations to live together.

>This might be a new form of co-living, instead of a big family and a nuclear family, having a new image of closely gathering family members who used to live away due to the recent economic and social reasons.

>Member of image family: 1) Myself (early 30's) divorced photographer, 2) My daughter (3 years old), 3) My mom (late 50's) divorced designer running a fashion grocer, 4) My grandma (early 80's) dressmaker

>Why 4G HOUSE? : 1) Two residents for 4 people is inefficient. 2) A detached house for two households is too large. 3) Room layout should be loosely connected each other.

**Specific aspects of the layout:**

>Room for all at the center of individual rooms loosely related to each other.

>A big table of irregular form provides flexible relationship between family members and guests.

>Sliding partitions and doors play an important role for the above.

>An intermediate zone is provided in the South corridor for casual communication with neighbors.

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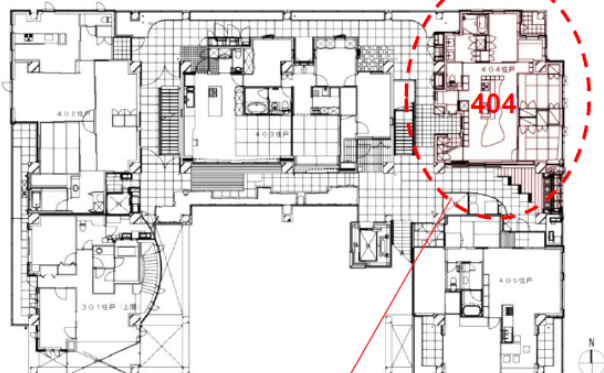
NEXT21

## Architectural Summary

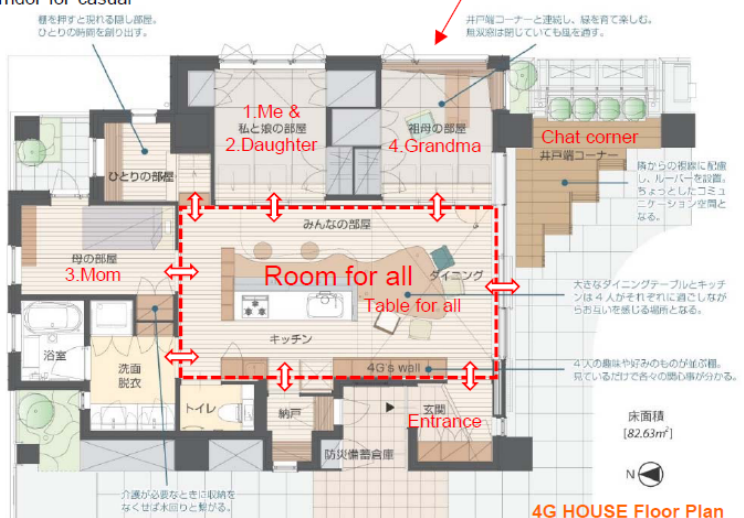
- **Name:** 4G HOUSE in NEXT21
- **Address:** Tennouji, Osaka, JAPAN
- **Planning & design period:** 2013
- **Completion:** July, 2014
- **Site Area of NEXT21:** 1,542m<sup>2</sup>
- **Floor Area of 4G HOUSE:** 83m<sup>2</sup>
- **Direction:** Daikyo Incorporated
- **Planning & Design:** IWAMURA Atelier Inc.



Room for All surrounded by individual rooms



The 4th Floor Plan



4G HOUSE Floor Plan



IWAMURA Atelier Inc. [www.iwamura-at.com](http://www.iwamura-at.com)

□ **Good Design Award 2015, by the Japan Institute for Design Promotion/Ministry of Economy, Trade and Industry**

11)

## The Meta-Sand Spiral

*International Competition “The Science City” Proposal, Aug. 2016*

### •BASIC CONCEPT

- 1) As the last piece of the three jewels of Egypt, this scientific complex is entitled "Meta-Sand Spiral" for a variety of the state-of-the-art initiatives. All the outcomes must contribute to creating resilient human and natural lives both regionally and globally.
- 2) Meta-Sand Spiral is the innovative incubator of culture, integrating Nature, Civilization and Life, on the basis of "Meta-Sand" and "Spiral Evolution" concept.
- 3) "Meta-Sand" implies metaphor, metaphysics or metamorphosis of "Sand," a local basic element, representing the architecturally symbolic element as well.
- 4) The Science City is hereby proposed to be situated on a spiral coordinate image of "time" and "scale" shown below. The innovative scientific activities will be integrally developed on this three dimensional coordinate beyond whatever boundaries.

## •ARCHITECTURAL CONCEPT

- 1) Meta-Sand Façade: Organic form of the cells' façade is uniquely characterized by the porous Meta-Sand Brick walls, which contribute to impressive skin of the cells as well as passive environmental design to relax the natural thermal loads for improving micro-climate..
- 2) Spiral Courtyard: Surrounded by the three cells, transparent façade allows the users to enjoy this calm and wide inner-garden provided with spiral slopes that connect every floor of the cells.
- 3) Observatory Tower: In contrast to the low and flat cells, this tower dominates the whole townscape through its unique triangle form both horizontally and vertically as a landmark of this district.
- 4) Nightscape Design: According to the daily and seasonal change of natural lights, this complex is designed to appreciate the ecological lighting effects through the porous facade and the Tower.

•Kazuo IWAMURA

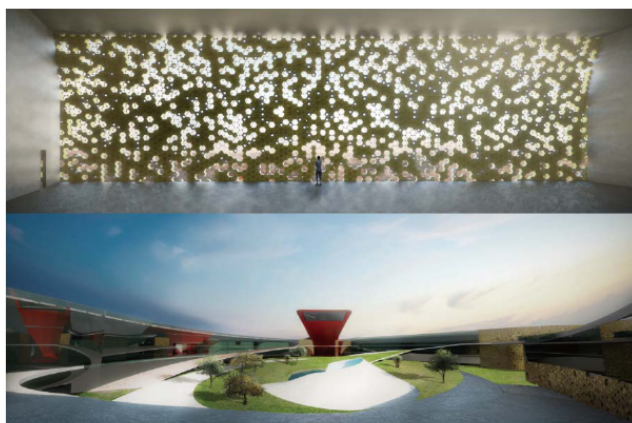
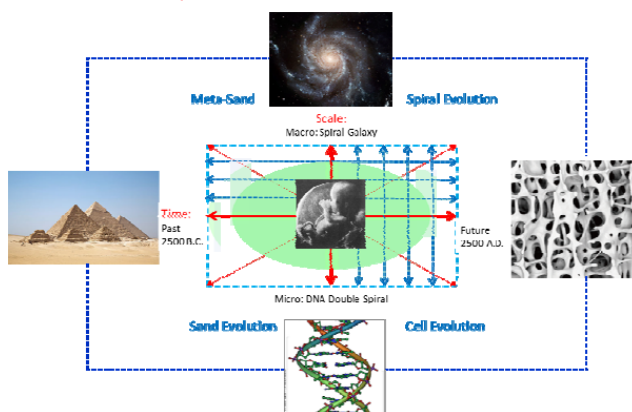


## Architectural Summary

- **Title:** The Meta-Sand Spiral
- **Location:** Giza, EGYPT
- **Design period:** 2016.5~8
- **International Competition**
- **Site area:** 125,000m<sup>2</sup>
- **Total floor area:** 82,000m<sup>2</sup>
- **Design:** YASUI & IWAMURA Joint Venture

## Giza, EGYPT

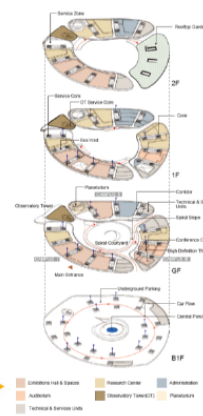
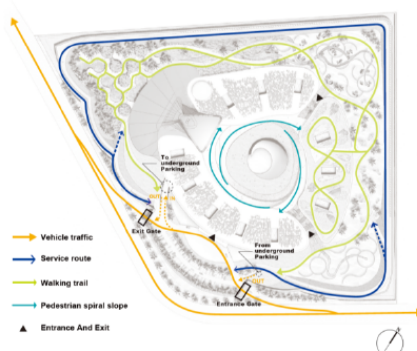
### Conceptual Coordinate across Time & Scale



### Meat-Sand & Spiral Court

## 6 Zoning & Flow

The whole site is designed according to the master concept and planning for creating optimum zoning and flow shown below.





# Art Works: Designed and Implemented by Kanto IWAMURA



Tsutaya Bookstore + Starbucks Nakameguro  
Wall Paintings, Nov. 2016



Starbucks Harajuku  
Wall Painting, Mar. 2017

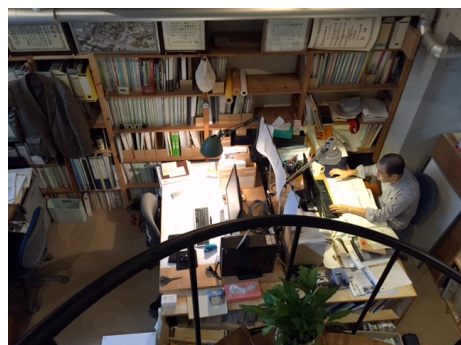


Starbucks Midtown, Wall Painting, May 2017





## 5. Access Map



Convenient accesses are available from the following railway stations:

- 1) Minato Mirai Line, Nihon Odori Sta. Exit 2 (5 minutes' walk)
- 2) JR Negishi Line, Kannai Sta. South Exit (5 minutes' walk)
- 3) Blue Line, Kannai Sta. Exit 3 (6 minutes' walk)

Postal address & Contacts:

301 Park View Yokohama, 1-17-1 Aioi-cho, Naka-ku, Yokohama, 232-0012 JAPAN

Tel. +81-45-211-9215, Fax. +81-45-211-9272, URL: [www.iwamura-at.com](http://www.iwamura-at.com)

