

Kami – Amakusa City Aizu Sewer Plant Control Facility



Architectural Outline

A functional analysis showed a control facility for a sewer plant had four different departments: an administrative department, a field department, an intermediate department related to both administrative and field departments, and a mechanical systems department. The design attempts to integrate them by using as motifs environmental elements symbolic of Matsushima; e.g. islands floating in the sea, moving ships, bridges spanning islands, and the crosses of so-called "clandestine Christians". A regional park is currently being planned around this facility. In the future, the sewer plant is expected to be surrounded by a park. Eventually, the reflective glass panels on the first floor will reflect the woods of the park, and the control facility will be metaphorically launched, like a ship on a sea of trees.



Architectural Data

Name	Kami-Amakusa City Aizu Sewer Plant Control Facility
Location	4276-387 Aizu, Matsushima-machi, Amakusa-gun
Main function	maintenance facility
Developer	Matsushima Town
Architects	Environmental Architecture atelier (Hiroshi Saito)
General contractors	joint venture of Mitsubishi Construction and Yoshinaga Sangyo
Site area	16,600 square meters
Building area	570 square meters
Total floor area	720 square meters
Extent	two aboveground floors
Structure	reinforced concrete construction; partly steel-frame construction
Construction period	December 1990 - March 1992 (does not include landscaping)
Total construction cost	249 million (does not include landscaping)



Hiroshi Saito

- 1947 Born in Kumamoto Prefecture
- 1970 Graduated from Department of Architecture, Faculty of Engineering, Kumamoto University
- 1970 Entered Osaka Architectural Office (now Daiken Sekkei)
- 1972 Entered Yasui Architects & Engineers
- 1976 Co-founder of Environmental Architecture Workshop (Osaka)
- 1979 Established Environmental Architecture Workshop (Kumamoto City)

●Principal Works

Ogata denkikougyo Head quarters; Nishihara village kawara housing; Due Sakuma; Mifune-machi Nakahara housing

●Awards

- 1987 Construction Minister's Award, National Land Construction Week

Photo : Yasuhiko Kiyoshima