# Building

One of our corporate mission emphasizes on the contribution to the lives of human being. With its various technologies, we have pursued richness in daily life through our business of constructing facilities for culture and amusement. We have also participated in many construction projects of schools, gymnasiums, college research centers, medical colleges, cultural halls, libraries, sport stadiums, health care centers for aged people, hospitals, hotels, parks, apartment buildings, commercial buildings, plants and distribution centers. They have all gained a strong reputation for our consideration towards urban communities and corporate life in our completed urban building projects. In addition, TOA has constructed global environment-oriented facilities for sewage treatment and waste disposal, and our developed wind power generation system which use the sources effectively.

#### Phu My I Power Plant

Vietnam has been enjoying a period of steady economic development, and it has been attracting foreign investment. With the development of society, maintaining a stable electric supply was becoming an urgent issue. To deal with this problem, Phu My district, 80km southeast of Ho Chi Minh City, was designated as an important power supply district. Another three

units of power plant were constructed in addition to the existing power plant, Phu My I. The Vietnamese Government loaned from the Japanese Government to construct the Phu My I Power Plant (approximately 1,000 MW power generation). In this project, TOA was in charge of civil engineering construction works and other related works. These construction works included following main facilities: (1) a steam turbine building, (2) a gas turbine building, (3) a central control building, (4) administration building, (5) C/W intake/discharge facilities, and (6) an oil unloading jetty. The project was completed in May 2002.



#### **Cultural Hall and Library**

This complex was planned as a part of the park embodying traditional Japanese hometown values. The complex was sited in an area of 10,740m<sup>2</sup> with a floor area of 6,613m<sup>2</sup>. The design complements the history and topography of the town by stressing the horizon with an interweaving format recalling the outline of a group of ancient burial mounds rising

luxuriantly from the ground. In addition, this complex is firmly rooted in nature with particular emphasis on the locale. The exterior appearance of the complex is a complicated shape creating three-dimensional curbs and cylindrical frames. A part of the facilities within this complex include a cultural hall with a capacity for 650 people plus a library, where the upper part of the library is integrated with a deck and a bridge connecting to the park. In order to execute this project, TOA gave much thought to the surrounding environment and the possible effects of the project on the environment. By using the knowledge and expertise in this area, the environment was unaffected during and after the construction of the project.



## Large-Sized Waste Treatment Facility in Saeki City

As people universally continue to consume products all around the world, the waste problem remains to increase in the urban areas year by year. In Japan, demand for waste treatment facilities is expanding rapidly. TOA has rich experience and technological know-how for constructing waste treatment facilities. In construction of this facility in Saeki City, TOA has been engaged in civil engineering works including pile driving work, heaping soil, and excavating work.



#### Kaolack Central Fish Market

TOA was awarded from the Government of the Republic of Senegal to construct a central fish market in Kaolack City, 200km southeast of the capital Dakar. This project consists of the construction works of 12 buildings including the fish market of 1,936m<sup>2</sup>, and the ice plant of 811m<sup>2</sup>, as well as electrical system work, ice-plant refrigeration system work, sewage treatment system work and delivery of machinery.



### **Newly Completed Projects**

#### J&S Kawasaki Ukishima Distribution Center

Three Cranes Co., Ltd. ordered to construct a new warehouse in Ukishima, Kawasaki city, a suitable district for distribution. The 6-storey high steel structured warehouse, completed in November 2007, has the total floor space of 69,398m<sup>2</sup>. It has two ramp ways in which heavy-duty trucks can go up and down directly to each floors. It is also equipped with a parking space on its rooftop.



#### Suzuran — A Condominium for Aged People in Tokachi Plain

We have been engaged in the construction of various buildings such as mansion type houses, apartment houses, office buildings and educational institutions. During the year under review, we have completed many buildings including this "Suzuran" (meaning lily of the valley), a welfare condominium for aged people. The condominium, completed in September 2007, is constructed on the central part of a vast and fertile plain. It comprises of an 8-storey high reinforced concrete building with the total floor space of 6,407m<sup>2</sup>, and a 2-storey wooden building with the total floor space of 640m<sup>2</sup>. It was especially designed with the concept of bright and safe daily life for aged people.

