## **C**ompleted Projects for Regional Development

In this section, we showcase construction projects that have contributed to the social infrastructure and regional development.





#### Yokohama Port, Honmoku Area, Quay (–16 m) (Anti–seismic) (Improvement) Construction Work (Part 2)

#### Kanagawa Prefecture

At Honmoku Pier in the international trade port of Yokohama, a revitalization of facilities has been undertaken in order to meet growing demand for containerized cargo and the increasing size of container ships with the aim to become a transportation hub during massive disaster. We participated in many major constructions for this project, and were engaged in the superstructure maintenance of the–16m quay.

#### Niigata Port (Nishikou Area) Main Body Construction of Water Routes, Anchorages, and Incidental Facilities

#### Niigata Prefecture

Niigata Port (Nishikou Area) located at the mouth of the Shinano river requires annual maintenance dredging of the port to maintain its functions. An incidental facility of the channel anchorage was built to dispose sediment flux from dredging. We built 20 caissons in the dry dock to be used for revetments of the incidental facility in only about six months during this construction.

These caissons will be towed by ships and set up in the future.



## Domestic Building Construction

### Shikoku Coca–Cola Bottling Stadium Marugame

Kagawa Prefecture

A new baseball stadium was built in Marugame city, Kagawa prefecture with the concept of "START for the MAJORS." It is a full–scale baseball stadium which meets the international standards. Unlike conventional baseball stadiums, it provides various facilities which generate "entertainment" and "excitement" including many kinds of spectator spaces for diversified viewing styles and multipurpose areas. It will contribute to local economy revitalization and sports promotion.

#### **Hinode Saquas**

Kanagawa Prefecture

A building complex was built in front of Hinode station of the Keihin Express Main Line as a redevelopment project. Commercial shops and clinics are located on the first up to third floors, senior living facilities on the fourth up to seventh floors, and residential homes on the ninth up to the twenty–second floors.

Under agreement with the city office of Yokohama, this building is designated as a refuge facility for people who are unable to return to their homes in time of disaster. It is located along Ooka River, famous for rows of cherry blossom trees where there are landing piers for water access. It is expected to grow as a comfortable and convenient place to live for people of all ages.



# **C**ompleted Projects for Regional Development

# Overseas





### Changi General Hospital – The Integrated Building

Singapore

In the eastern part of Singapore, "Healthcare 2020" Master Plan placed "Changi General Hospital – IB" as a key hospital to improve healthcare services for Singaporeans.

To overcome the short construction period, we adopted Top–Down construction method.

By using Building Information Modeling (BIM) to carry out design coordination and produce shop drawings, abortive work was eliminated but high quality of works were maintained.

Additionally, we completed the project with full consideration of safety and environmental control as well as neighbors' concerns.

#### Common Services Tunnel MC01

Singapore

This project construction is located in the corner of Marina Area, Singapore, aiming to become the number one financial district in Asia. Large–scale construction to create a common ditch that utilized underground spaces of the highway was ordered as part of the infrastructure development in the area. This facility functions as an eco–friendly "water–cooling building" and provides telecommunications and sanitary water supplies.

Our efforts with concern to safe workplace and healthy work environment were highly appreciated.