
Construction Engineering for the development of LAGUNA TECHNOPARK in the
philippines

(Tomoo Kasuga)

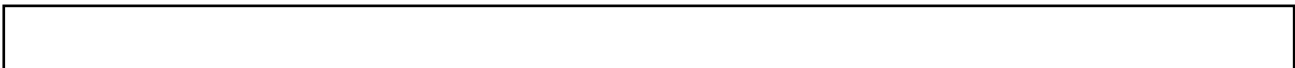
(Minoru Matuda)

:
220ha
3
(2)
3
1 F S

Synopsis :

Kawasaki Steel, in joint venture with Ayala Land, Inc. and Mitsubishi Corp., developed the LAGUNA TECHNOPARK., a private industrial park for light and medium industries covering an area of about 220 ha. It is located in Sta. Rosa and Binan, province of Laguna in the Philippines, about 40km from Makati. Kawasaki Steel provided engineering, concerning especially civil engineering, building, waterworks and drainage system for the industrial park. Firstly, a feasibility study of the project was made and a basic plan of the industrial park was laid out by taking into consideration the results of various technical investigations and studies. Secondly, detailed designing and construction work of infrastructure and utilities were carried out. Kawasaki Steel's total engineering services for this project can be considered to be a big success, since the services based on incorporation of tenants' comments and satisfactory utilization of infrastructure as well as utilities provided.

(c)JFE Steel Corporation, 2003



フィリピン・ラグナテクノパーク工業団地開発に おける建設エンジニアリング*

川崎製鉄技報
28 (1996) 3, 170-175

Construction Engineering for the development of LAGUNA TECHNOPARK in the Philippines



要旨

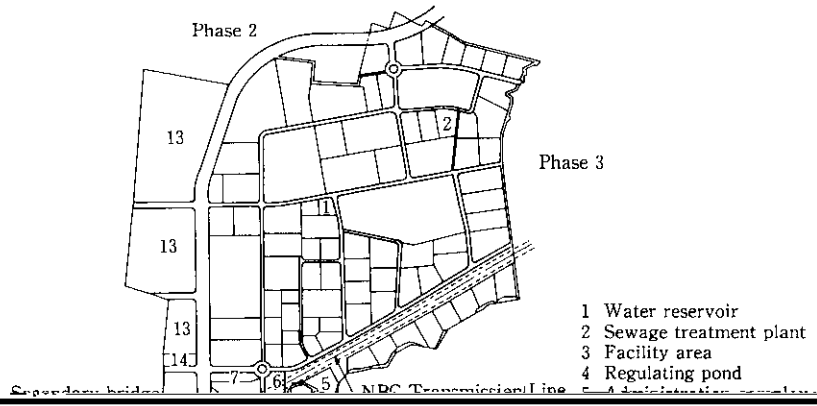
川崎製鉄はフィリピンの首都マニラの近郊において、アヤラ社、三菱商事(株)と共同で220 haの中・軽工業向けの大規模工業団地を民間で初めて開発し事業化している。当社が工業団地の具現化に対

Table 1 Contents of field survey

工業団地の状況調査を行ない、その結果をもとに本工業団地の基本
計画の前提条件として以下のとおりプロジェクト・コンセプトを設

Table 3. Comparison for standard of drainage quality

Parameter	Unit	Philippines	Japan	Taiwan	South Korea	Indonesia	Great Britain
Arsenic	mg/l	0.1	0.5	0.3	0.5	0.05	0.5
Cadmium	mg/l	0.02	0.1	0.05	0.1	0.01	0.5



16,600 (Industrial water) 8,500 371,000 m³/h

