

# TRANS-ASIA

## *Amanpulo Resort*

Planning and Detailed Engineering Design of a Resort



**Client**

Seven Seas Resort and Leisure, Inc.

**Project**

Amanpulo Resort

**Location**

Pamalican Island, Palawan,  
Philippines

**Project Period**

Start January 1991  
End February 1994

**Project Description**

The Project is a five star hotel resort Complex for Class AAA clients and is located in Pamalican Island, Cuyo, Palawan. The Island is approximately 87 hectares of which Phase I development occupies one half of the whole island.

Phase I consisted of 48 pavilions clubhouses, cabanas, beach houses, back of the house facilities, tennis courts, basketball court, and other amenities. In addition, a 1200-meter long by 30-meter wide airstrip, capable of handling 20 to 30-seater planes was constructed. The resort is provided with 100 percent power provisions with an underground power distribution system. A 150 gpm desalination plant, complete with water treatment was constructed to supply the water requirements of the resort. Also, a sewage treatment plant was provided to treat the sewage effluent, to be used for the landscaped irrigation.

Phase II consisted of primary and secondary roads including path/golf cart tracks, drainage and sewerage systems, water distribution system, power and electrical distribution systems and communication system.

**Scope of Services**

Trans-Asia was responsible for the master planning, topographic and hydrographic survey, including the setting out of road centerlines and locations of the resort facilities and major utilities. Likewise, Trans-Asia was responsible for the complete engineering design and construction inspection. The design works involved civil, structural, mechanical, electrical, and sanitary and plumbing, fire alarm and protection system, telecommunication, area lighting, water distribution system, sewage treatment plant, landscaped irrigation and other support facilities and utilities for the resort. The construction inspection is limited to the provision of a resident engineer to help the client's in-house Project Manager in the implementation of the construction works.